

Indian Bureau of Mines
Minerals Development and Regulation Division
MCDR Inspection Report
Hyderabad Regional Office.

Mine File No: MCDR-MiFL0LST/11/2024-HYD

Mine Code: 38APR511002

1) Name of Inspecting officer:	Shri. M.K. Kalmata
2) Designation	Regional Mining Geologist
3) Accompanying mine official with designation	Mr. E.Vasudevan, GM (Mines) Mr. G. Pavan Kumar Reddy, Mines Manager Mr. J Suresh Babu , Geologist
4) Date of Inspection	14.06.2024

Part-I: General

S.No.	Particulars	Details
1	Name of the Mine	EHY Limestone mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	131.568 Ha. (Non-forest)
3	Mine code	38APR511002
4	IBM Registration Number under rule 45 of	IBM/12134/2012
5	Name of the lessee, Address, phone, email and fax number	M/s Sree Jayajothi Cements Private Limited, My Home hub, Block-3, 9th Floor, Madhapur, Hyderabad-500081, Telangana.
6	Village	Erragudi, Hussainapuram, Yanakandla
7	Taluka/Mandal	Banaganapalli
8	District	Nandyal (Earlier in Kurnool district)
9	Pin code	518124
10	State	Andhra Pradesh
11	Post office	Yanakandla
12	Nearest police station	Banaganapalli
13	Nearest Railway station	Banaganapalli
14	Date of Grant of Mining Lease	Mining Lease granted vide G.O.Ms. No. 87 dated 01.11.2023 (50 years)
15	Date of Execution	08.11.2023 for 50 years (expiry on 07.11.2073)
16	Date of opening of Mine	12.01.2024

17	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri. Chandra Shekhar Pandey, D.O.A.:12.01.2024 M/s Sree Jayajothi Cements Private Limited, My Home hub,Block-3, 9th Floor, Madhapur, Hyderabad-500081, Telangana – 500 081. Phone: 040-66929696 Email : cs.pandey@myhomeindustries.in
18	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri. B.C. Gurivi Reddy, D.O.A.:12.01.2024 M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal District, Andhra Pradesh – 518 124. Mob+91-7660013042 Email : b.gurivireddy@myhomeindustries.in
19	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines, qualification	Sri G. Pavan Kumar Reddy, D.O.A.: 08.11.2023 M/s Sree Jayajothi Cements Private Limited, Yanakandla (V), Banaganapalli (M), Nandyal District, Andhra Pradesh – 518 124. Mob+91-9154107068 Email : gpkreddy@myhomeindustries.in
20	Name of the Mining Engineer & Geologist, Qualification and date of appointment in mine,	Mining Engineer : G. Pavan Kumar Reddy, Qualification: B.E.Mining D.O.A.: 08.11.2023 Geologist : Sri J.Suresh Babu, Qualification:- Msc, Geology. DOA : 08.11.2023
21	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	1. Approval of Mining Plan No : AP/KNL/MP/Lst-144/Hyd Dated : 16.02.2018 2. Approval of Modification of Mining Plan No : AP/KNL/MP/Lst-144/Hyd Dated : 10.03.2023 For the period 2023-24 to 2027-28
22	Name of the Mineral	Limestone
23	Method of Mining(Open cast, Underground)	Open cast
24	Category (Fully Mechanized, Others or Manual)	Category – A (Fully Mechanized)
25	Captive/Non Captive	Captive

PART-II**Exploration :**

Sl. No.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No exploration was proposed in the year 2023-24.	None in the year 2023-24.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024.
1b	Exploration over lease area for geological axis 1 or 2	No exploration was proposed in the year 2023-24.	No exploration was proposed in the year 2023-24.	Earlier, DMG, Andhra Pradesh has drilled 10 exploratory bore holes and made 08 trenches covering an area of approximately 116ha Under G-1 Level. In the present plan period , lessee has given exploration proposals in the third and fourth year, due to local issues and anticipating delay in making approach road lessee has given exploration proposal in 4th and 5th year. However, lessee has advised to carry out the detailed exploration for entire mineralized area and submit report at the earliest.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No exploration was proposed in the year 2023-24.	No exploration was proposed in the year 2023-24.	Earlier exploration is carried out by DMG. Andhra Pradesh & expenditure incurred on exploration is not known.

1d	Balance area to be explored to bring Geological axis in 1 or 2	No exploration was proposed in the year 2023-24.	No exploration was proposed in the year 2023-24.	Earlier, DMG, Andhra Pradesh has drilled 10 exploratory bore holes and made 08 trenches covering an area of approximately 116ha Under G-2 Level. In the present plan period, lessee has given exploration proposals in the third and fourth year, due to local issues and anticipating delay in making approach road lessee has given exploration proposal in 4th and 5th year. However, lessee has advised to carry out the detailed exploration for entire mineralized area under G-1level and submit report at the earliest.
1e	Balance reserves as on 01/04/2017	As per the approved document dated 10.03.2023 (Quantity in tonnes) Probable m reserves(122) - 8388226.97 Pre-feasibility M Resources (222) - 649427.54 Total:- 9037654.51	Reserves/resources as on 01.04.2024. (Quantity in tonnes) Probable m reserves(122) 8367226.97 Pre-feasibility M Resources (222) - 649427.54 Total :- 9016654.51	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made. 21000 tonnes of production is shown from road work and

				reserves/resources were updated by depleting the same.
1f	General remarks of inspecting officers on geology, exploration etc.		Limestone deposit within the ML area forms part of Narji limestone belt located in the Kurnool sub-basin of the Cuddapah basin. The strike direction in general is WNW-ESE and with dips towards NNE.	Earlier, DMG, Andhra Pradesh has drilled 10 exploratory bore holes and made 08 trenches covering an area of approximately 116.00ha Under G-2 Level. In the present plan period, lessee has given exploration proposals in the third and fourth year, due to local issues and anticipating delay in making approach road lessee has given exploration proposal in 4th and 5th year. However, lessee has advised to carry out the detailed exploration for entire mineralized area under G-1, level and submit report at the earliest.
Development :				
Sl.N o.	Item	Proposals	Actual Work	Remarks

2a	Location of development w.r.t. lease area	In the year 2023-24, there was a proposal to work between the co-ordinates N 1702110 to n 1702295 & E 197910 to 198095.	However, no such development work has been carried out by the lessee. During the year 2023-24 only road development working has been taken place in the southern side of the lease between co-ordinates-N 1701880 to N 1702030 & E 198130 to E 198300.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made. 21000 tonnes of production is shown from road work. Since the mine is recently opened no violation is pointed out for deviation is working proposals. However, lessee has advised to go for modification in the approved mining plan during remaining period of five year block period, by doing proper exploration of the mineralized area.
2b	Separate benches in topsoil, overburden and minerals (Rule-15)	Benches are proposed in ore only.	The mine is opened recently and only road work is going on. ROM is generated during road work only and no benches were made during present block period.	However, earlier, working has been carried out by local villagers for slabs so mineral benches are existing within the lease area. This office has informed the same to DMG, A.P. for necessary action.

2c	Stripping ratio of ore to OB ratio	None.	None.	The mine is opened recently and only road work is going on. ROM is generated during haul road work only.
2d	Quantity of topsoil generation in m ³	None.	None.	
2e	Quantity of overburden generation in m ³	None.	None.	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc.		The mine is opened recently and only road work is going on. ROM is generated during road work only and no benches were made during present block period.	However, earlier, working has been carried out by local villagers for slabs so old pits are existing within the lease area. This office has informed the same to DMG, A.P. for necessary action.

Exploitation :

Sl.N o.	Item	Proposals	Actual Work	Remarks
3a	Number of pit proposed for production	One.	None. The mine is opened recently and only road work is going on. ROM is generated during road work only and no benches were made during present block period.	However, earlier, working has been carried out by local villagers for slabs so approximately 10 old pits are existing within the lease area. This office has informed the same to DMG, A.P. for necessary action.
3b	Quantity of ROM mineral	198505 Tonnes in the year 2023-24.	21000 tonnes in the year 2023-24.	The mine is opened recently and only

	production proposed			haul road work is going on. ROM is generated during road work only.
3c	Recovery of saleable / usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	None.	None.	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable.	Not Applicable.	
3f	Quantity of subgrade mineral generation.	None.	None.	
3g	Grade of subgrade mineral generation.	Not applicable.	Not Applicable.	
3h	Manual / Mechanized method adopted for segregating from ROM	None.	None.	The ROM generated during haul road work is sent to plant under Cement grade.
3i	Any analysis or beneficiation study proposed and carried out for subgrade mineral and rejects	None.	None.	

3j	Provision of drilling and blasting in mineral benches	Yes proposed.	Drilling and blasting is carried out as per the proposal.	Only Haul road work is done in the year 2023-24.
3k	Provision of mining machineries in mineral benches	Yes proposed.	Lessee is using combination of excavator and tippers for production and development. Rock drilling machine for drilling blast holes.	Drilling and blasting is carried out for road preparation work. The ROM generated during road work is dispatched to plant by using combination of Excavator and tippers.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed bench height of 8.00mtr.	None.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made.
3m	Total area covered under excavation / pits	2.08Ha In the year 2023-24.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made. So, no pits were made by the	However, earlier, working has been carried out by local villagers for slabs so approximately 10 old pits are existing within the lease area covering an area of approximately 3.78Ha. This office has informed the same to DMG, A.P.

			present lessee.	for necessary action.
3n	Ore to OB ratio for the pit/mine during the year.	1:0	None.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made. So, no pits were made by the present lessee.
3o	Total area put in use under different heads at the end of year	Area under Mining:- 5.86Ha, Dumps- 8.58Ha, Roads 0.93Ha.	Area under mining:- 3.78Ha, Dumps:- 8.58Ha, Roads:- 0.268Ha.	Except road no work has been carried out by the present lessee. Area shown under actual pits and dumps were made by local nearby villagers only for slabs. Same was informed to DMG A.P. for necessary action.
3p	Production of ROM mineral during the last five year period as applicable	2023-24- 198505.51 Tonnes.	2023-24-21000 tonnes.	The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024. The first five year block period is 2023-24 to 2027-28. Only one year is completed in the

				first five year block period, and in the first year only haul road work is done. The production of 21000 tonnes is from Haul road work only.
3q	General remarks of inspecting officers on method of mining etc.		The Method of mining adopted is fully mechanized with combination of excavator and tippers. The mine is a auction block, which is executed on 08.11.2023 and sent opening notice on 12-01-2024, and in the first year mine is worked only for 3 months and only approach road to proposed working area is made. So, no pits were made by the present lessee.	
Solid Waste Management - Dumping :				
Sl.No.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32, 33)	None in the year 2023-24.	None.	Except road no work has been carried out by the present lessee. So no dumping was mad by present lessee. However, about 8.58Ha is covered by mineral reject dumps formed due to working carried out by the local

				villagers for slabs. The same was informed to DMG, A.P. for necessary action.
4b	Location of topsoil, OB and mineral reject dumps	None in the year 2023-24.	None in the year 2023-24.	Old dumps are Existing in the Northern side, Center of lease area and Eastern side of the lease area. existing within the Lease area.
4c	Number of dumps within lease area and outside of lease area	None in the year 2023-24.	None in the year 2023-24.	Approximately 28 mineral reject old dumps are existing within the lease area. Lessee has advised to take necessary action for utilization, proper maintenance of the said mineral reject dumps in consultation with the State Government as per the applicable Act/Rules.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None in the year 2023-24.	None in the year 2023-24.	Old dumps are existing within the UPL. Lessee has advised to take necessary action in disposal/utilization/ re-handling of the dumps in consultation with the State Government as per applicable Act and Rules.

4e	Number of active and alive dumps.	None in the year 2023-24.	None in the year 2023-24.	Old dumps are existing within the UPL. The dumps were made by the local villagers during mining for slab. The status of the dump, Quality of the dump etc.(No chemical analysis available for dumps) are not available.
4f	Number of dead dumps.	None in the year 2023-24.	None in the year 2023-24.	Old dumps are existing within the UPL. The dumps were made by the local villagers during mining for slab. The status of the dump, Quality of the dump etc.(No chemical analysis available for dumps) are not available.
4g	Number of dumps established.	None.	None.	None
4h	Whether retaining wall or garland drain all along dumps are there.	None.	None.	
4i	Length of retaining wall or garland drain all along dumps.	None.	None.	

4j	Number of settling ponds	None.	None.	
4k	Specific comments of inspecting officers on waste dump management .		Old dumps are existing within the UPL. The dumps were made by the local villagers during mining for slab. The status of the dump, Quality of the dump etc.(No chemical analysis available for dumps) are not available. The mine is recently opened and no retaining walls or garland drains were proposed and made by the lessee.	

Solid Waste Management - Backfilling :

Sl.No.	Item	Proposals	Actual Work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling	No backfilling is proposed in the present plan period.	No backfilling is made in the present plan period.	The mine is a auction block and recently opened. Mineral is not extracted up to the proved depth, so, no backfilling was proposed and made in the present plan period.
5b	Area under backfilling of mined out area	None.	None.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	None.	None.	

	(Rule 32)			
5d	Total area fully reclaimed and rehabilitated	None.	None.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		The mine is a auction block and recently opened. Mineral is not extracted up to the proved depth, so, no backfilling was proposed and made in the present plan period.	
Progressive Mine Closure Plan :				
Sl.N o.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 26(2)	Before 1st July of every year.	Yes, submitted PMCP report for the year 2023-24 along with the annual returns submitted for the year 2022-23.	Submitted report on 28.06.2024.
6b	Area available for rehabilitation (ha)	None.	None.	The mine is a auction block and recently opened.
6c	Afforestation done (ha)	None in the year 2023-24.	None in the year 2023-24.	The mine is recently opened and no plantation was made within the lease area. However, lessee has made plantation outside the lease area.
6d	No. of saplings planted during the	None.	None.	The mine is recently opened and no plantation was made within

	year			the lease area. However, lessee has planted 990 saplings outside the lease area.
6e	Cumulative no. of plants	None.	None	
6f	Any other method of rehabilitation	None.	None.	
6g	Cost incurred on watch and care during the year	None.	None.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (LxBxD)	None.	None.	The mine is recently opened and no back filling is proposed in the present plan period.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None.	None.	
6j	Compliance on reclamation and rehabilitation	None.	None.	

	n by backfilling (iii) Afforestation on backfilled area			
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None.	None.	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	None.	None.	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NA	NA	
6n	Compliance of rehabilitation of waste land within lease (ii)	None.	None.	

	Area rehabilitation (ha)			
6o	Compliance of rehabilitation of waste land within lease (ii) Method of rehabilitation	None.	None.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes, Air, Water and Noise monitoring was proposed in Core and Buffer zone.	Lessee is regularly monitoring air , water and noise and all the parameters are within permissible limits.	Lawn enviro associates, Hyderabad is doing the Environmental monitoring.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The mine is opened recently and only haul road work is going on. ROM is generated during road work only. In the first year (2023-24) no proposals were given under PMCP, Lessee has carried out monitoring report for the said mine and reports are within permissible limits.	
Mineral Conservation :				
Sl.No.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or gradewise sorting within lease area	Proposed dispatch of Cement grade ROM to Captive Cement Plant.	Lessee is dispatching Cement grade ROM to Captive plant as proposed.	Lessee is not doing any processing at mine site.

7b	Method of gradewise mineral sorting i.e. manual or mechanical	None.	None.	Sending ROM to Captive Cement plant without any processing.
7c	Different grade of mineral sorted out at mines	Cement Grade.	Cement Grade.	
7d	Any beneficiation process at mines	None.	None.	
7e	General remarks of inspecting officers on mineral conservation and beneficiation issues.		Lessee is not doing any mineral processing at the mine site. Dispatching ROM (Cement grade) to Captive Cement plant linked with the mine.	

Environment :

Sl.N o.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None.	None.	The mine is a auction block and recently opened. However, in the present plan period no proposal is given for generation of topsoil.
8b	Concurrent use or storage of topsoil	None.	None.	
8c	Separate dumps for overburden, waste rock, rejects and	None.	None.	Old dumps are existing within the Lease area.

	finer (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	None.	
8e	Phased restoration, reclamation and rehabilitation of land affected by mining operations (pits, dumps etc.)	None.	None.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information was furnished in the mining plan. Additional plantation proposals are being given in the Mining Plan documents.	The mine is an auction block and recently opened. No plantation was proposed and made in the year 2023-24.	However, plantation was made outside the lease area. About 990 saplings were planted in the year 2023-24.
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust	Yes proposed.	Only haul road work is done in the year 2023-24, and lessee has transported 21000 tons of ROM Generated during road work. Used water tanker during transportation to suppress the dust.	Using one water tanker of 16000 ltr capacity for the said purpose.

8i	General remarks of inspecting officers on aesthetic beauty in and around mine areas.		The mine is recently opened and no working has been carried out in the year 2023-24, except making haul road to the proposed working area. However, old pits and dumps are existing within the lease area, the said pits and dumps were made by local villagers for slabs.	
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Compliance of Rule 45 :

Sl.N o.	Item	Proposals	Actual Work	Remarks
9a	Status of submission of monthly and annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Lessee is Regularly submitting Monthly and Annual returns.	Submitted Annual returns for the year 2023-24 within time. Annual returns submitted on 28.06.2024.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The details of Mining Engineer and Geologist as mentioned in the AR submitted for the year 2023-24 is as follows. Mining Engineer :- G.Pavankumar Reddy and Geologist:-Jaldi Suresh Babu.	The said mining engineer and geologists were present on the day of inspection and details furnished in the AR is found correct.	Lessee has sent notice of appointments for mining engineer and Geologist to this office.
9c	Scrutiny of Annual return on land use pattern for	Except 0.268Ha under road nothing is shown under land use pattern.	The mine is opened recently and only road work is going on. ROM is generated during road work only and no	Even though the said pits and dumps were not made by the present lessee.

	area under pits, reclaimed area, dumps etc.		benches were made during present block period. However, old working pits and dumps are existing within the lease area. The said working and dumps are made by local villagers for slab and this office has informed the same to DMG AP for necessary action.	Details of pits and dumps within the lease area is mentioned as zero under land use pattern, Show cause notice is issued for the same under Rule 45(7) of MCDR-2017.
9d	Scrutiny of Annual return on afforestation	990 plantations were shown with survival rate of 70%. (outside the lease are)	The information furnished in the AR 2023-24 is found correct.	However, for total number of trees at the end of the year lessee has mentioned 693saplings by taking 70% of survival rate. So, lessee has advised to mention number plants planted so far from start of the mine to so far and not based on survival rate.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None in the year 2023-24.	None.	Recovery is 100% and no mineral reject was reported in the year 2023-24.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM:- Opening and closing stock Nil, Production: 21000 tonnes., Graded, Cement grade: Opening and closing stock-Nil, Production	The details furnished in the annual returns are found correct.	Entire ROM produced is Cement grade and same is dispatched to the captive cement plant for own consumption.

		and dispatch: 21000 tonnes.		
9g	Scrutiny of Annual return on Sale value, Ex Mine price and production cost	Cost of production & Ex-mine price-Rs- 228.87/Tonees, and Sale value is shown Rs 4806270 for dispatch of 21000 tonnes.	The details furnished in the annual returns are found correct.	Even though the mine is captive and no sale was made, sale value is given by multiplying Dispatch quantity with Ex-mine price.
9h	Scrutiny of Annual return on fixed assets	Value of fixed asset is shown as ₹ 0 for the year 2023-24.	The information furnished in the AR 2023-24 is found correct.	Lessee has not set up any industry, buildings etc. and Machineries using for mining operations are contract basis, so the value of fixed asset is mentioned as zero.
9k	Scrutiny of Annual return on mining machineries	Backhoe excavator of 1.09Cum capacity-01, Tippers of 12 CUM capacity-02 numbers and water tanker of 16000 ltrs capacity-01 and Rock drill machine (115mm)	The information furnished in the AR 2023-24 is found correct.	

Date:-

(KALMATA.M.K)

Indian Bureau of Mines