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

**MCDR inspection REPORT  
Hyderabad regional office**

Mine file No : AP/KNL/LST-192/HYD

Mine code : 38APR11163

- (i) Name of the Inspecting : **RAM** ) **RAMKISHAN R**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri E Vasudevan, DGM(Mines), P. Sanyasi Naidu, Mining  
Official with  
Designation
- (iv) Date of Inspection : 22-SEP-22
- (v) Prev.inspection date : 10-MAR-22

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **YANAKANDLA (343.22 HA)**
- (b) **Registration NO.** : **IBM/12134/2012**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State** : **ANDHRA PRADESH**
- District** : **KURNOOL**
- Village** : **YANAKANDLA**
- Taluka** : **KURNOOL**
- Post office** : **BANAGANAPALLE**
- Pin Code** : **518124**
- FAX No.** : **085151-200507**
- E-mail** : **guruvureddy.b@myhomegroup.:**
- Phone** : **08515-200508**
- (f) **Police Station** : **BANAGANAPALLI**
- (g) **First opening date** : **12-MAR-12**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **YANAKANDAL VILLAGE & POST  
BANAGANAPALLE MANDALAM  
KURNOOL DIST ,ANDHRAPRADESH-PINCODE 518124**
3. (a) **Lease Number** : **APR3286**
- (b) **Lease area** : **343.22**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **02-JAN-32**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : M/S.SREE JAYAJOTHI CEMENTS LTD  
KURNOOL ANDHRA PRADESH

Phone:

FAX :

Owner : Sri Chandra Shekher Pandey  
Srinagar, Yanakandla  
village,

Mandal.Banaganapalli, Yanaka  
ndla, Dist.Kurnool.A.P.

518124. KURNOOL ANDHRA

PRADESH

Phone:

FAX :

Agent : B C Gurivi Reddy

Yanakandla, Banaganapalli

), Kurnool Distt, A.P

KURNOOL ANDHRA PRADESH

Phone:

FAX :

## Mining Engineer

Name : P SANYASI NAIDU, Full Time

Qualification : BTECH (MINING)

Appointment/ : 12-NOV-20

Termination date

## Geologist

Name : GANESH NARENDRA REDDY, Full Time

Qualification : MSC GEOLOGY

Appointment/ : 21-SEP-17

Termination date

## Manager

Name : K.RAJENDER

Qualification : B TECH MINING

Appointment/ : 09-DEC-20

Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	22-APR-09
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	13-JAN-11
	:	Modif.of approved Mining Plan	19-MAY-15
	:	MP modif under MCR 1960	08-MAR-16
	:	MP modif under 17(3) MCR 2016	09-NOV-20

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No such specific proposal.	Nil	
1b	Exploration over lease area for geological axis 1 or 2	15 nos of boreholes were proposed during the year 2021-22 to brought area under G1/G2 level.	15 nos of boreholes were drilled.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Rs. 6.59 Lakhs	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire mineralised area explored under G1 level.	Entire mineralised area explored under G1 level.	
1e	Balance reserve as on 01/04/20	As per the approved document dated 09.11.2020, the Limestone reserves are 43.375 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2022 are limestone: 41.03 mil.t.	
1f	General remarks of inspecting officers on geology, exploration etc		Limestone deposit forms of part of Narji Limestone belt and these carbonates rocks were formed by sedimentary origin. the deposit is regular habit with mild dip and simply folded.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	2 pits called yenakandla block and pathipadu block were proposed for development during the year 2021-22.	development is being carried out in pathpadu and yenakandla block.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal as no generation of top soil and OB envisaged.	Nil
2c	Stripping ratio or ore to OB ratio	Not applicable	Nil
2d	Quantity of topsoil generation in m3	No proposal.	Nil
2e	Quantity of overburden generation in m3	No proposal.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		development is carried out by opencast mining method as proposed.

#### Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	two	two	
3b	Quantity of ROM mineral production proposed	2.4 mil.t. during the year 2021-22.	1.437 milt.	deviation is due to less requirement at captive cement plant.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	

3d	Quantity of mineral reject generation	No proposal.	Nil
3e	Grade of mineral rejects 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.	mechanised.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil
3j	Provision of drilling and blasting in mineral benches	drilling and blasting is proposed.	drilling & blasting is carried out.
3k	Provision of mining machineries in mineral benches	excavator and dumper combination is proposed for excavation.	excavator and dumper combination is deployed for excavation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	8 m	maintained.
3m	Total area covered under excavation/pits	105.392 ha at the end of plan period i.e. 2025-26.	64.83 ha
3n	Ore to OB ratio for the pit/mine during the year.	Not applicable.	Nil

3o	Total area put in use under different heads at the end of year	123.776 ha at the end of plan period i.e. 2025-26.	88.605 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18 -2.7 mil.t. 2018-19 -2.7 mil.t. 2019-20-2.7 mil.t. 2020-21-2.7 mil.t. 2021-22 -2.4 mil.t.	2017-18-1.53 mil.t. 2018-19-1.87 mil.t. 2019-20-1.50 mil.t. 2020-21-1.08 mil.t. 2021-22- 1.437 mil.t.
3q	General remarks of inspecting officers on method of mining etc.		production is carried out from one pit by opencast mining method as proposed.

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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal as no generation of top soil, OB and mineral reject is envisaged.	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil	
4e	Number of active and alive dumps.	No proposal.	Nil	
4f	Number of dead dumps.	No proposal.	Nil	

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4g	Number of dumps established.	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 dumps	No proposal.	Nil
4j	Number of settling ponds	No proposal.	Nil
4k	Specific comments of inspecting officer on waste dump management		No OB/waste generation is envisaged.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal.	Nil	
5b	Area under backfilling of mined out area	No proposal.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Area not matured for reclamation.	

## 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).	PMCP report to submitted. submitted before 1 st July.		
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	0.25 ha during the year 2021-22.	0.8 ha	
6d	No. of saplings planted during the year	250 nos	300 nos	
6e	Cumulative no .of plants	5444 nos	5494 nos	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 614509.20/-	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on 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 specific means.	No proposal.	Nil
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)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.

## Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out.	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	
7c	Different grade of mineral sorted out at mines.	cement grade limestone	cement grade limestone	
7d	Any beneficiation process at mines	No proposal.	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		entire ROM (limestone) of cement grade is used at captive plant.	

## Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal as no generation of top soil is envisaged.	Nil	
8b	Concurrent use or storage of topsoil	No proposal.	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	250 nos	300 nos
8g	Survival rate		75%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	carried out.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017	submitted.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Graduate Mining Engineer 3, Diploma Mining Engineer 4, Geologist 1	found to be in order.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings 64.830 ha, Occupied by plant, buildings, residential, welfare buildings & roads 6.270 ha, Other Purpose (Mineral Storage & Plantation) 17.505 ha.	found to be in order.	
9d	Scrutiny of Annual return on afforestation	300 nos within ML area	found to be in order.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is Nil	found to be in order.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-Mine price is Rs. 162.31	Ex-Mine price furnished in the annual return submitted for the year 2021-22 is not matching with the derived weighted average of the Ex-mine prices furnished in Monthly returns for the year 2021-22.	advised the lessee to rectify the issue.
9h	Scrutiny of Annual return on fixed assets	Rs. 17442880	Rs. 17442880	

9k      Scrutiny of      BACK HOE 2.500 found to be in order.  
Annual return on      CUM 2, BACK  
mining              HOE 1.000 CUM  
machineries        2, TIPPER  
                         10.000 CUM 12,  
                         DOZER 55.000  
                         HP 1 etc.,

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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

*no violation*

*R. D. Datta*

(RAMKISHAN R)

Date : *4/11/22*

Indian Bureau of Mines