

INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/GNR/LST-48/HYD

Mine code : 38APR07054

- (i) Name of the Inspecting : RK13 ) A.V.Ramesh Kumar  
Officer and ID No.  
(ii) Designation : Assistant Mining Geologis  
(iii) Accompanying mine : VIRTUAL INSPECTION  
Official with  
Designation  
(iv) Date of Inspection : 18-OCT-24  
(v) Prev.inspection date : 11-01-2024

PART-I : GENERAL INFORMATION

1. (a) Mine Name : KRISHNA LIMESTONE MINE (57  
(b) Registration NO. : IBM/5580/2011  
(c) Category : A Fully Mechanised  
(d) Type of Working : Opencast  
(e) Postal address  
State : ANDHRA PRADESH  
District : GUNTUR  
Village : TANGEDA  
Taluka : DACHEPALLE  
Post office : TANGEDA  
Pin Code : 522414  
FAX No. : 08649273819  
E-mail : mines.bhavyacements@gmail..  
Phone : 9491066936  
(f) Police Station : Dachepalli  
(g) First opening date : 02-APR-12  
(h) Weekly day of rest : SUN
2. Address for : M/s. Bhavya Cements Limited,  
correspondance Tangeda (Village), Dachepalli (Mandal)  
Guntur district, AP-522414
3. (a) Lease Number : APR3189  
(b) Lease area : 57.19  
(c) Period of lease : 30  
(d) Date of Expiry : 28-APR-60
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/S BHAVYA CEMENTS LTD  
A-1, 2ND FLOOR, BHAVYA'S  
SPOORTHY BHAVAN JUBILEE  
HILLS HYDERABAD TELANGANA  
Phone: 040-23558384  
FAX : 040-23558393

Owner : P.SIVA KUMAR  
PLOT.NO.A, 2ND  
FLOOR, BHAVYA'S SPOORTHY  
BHAVAN, FILM NAGAR, JUBILEE  
HILLS HYDERABAD TELANGANA  
Phone: 040-23558384  
FAX : 040-23558393

Agent : Sri.A.Amrutha Raju  
Tangeda (V), Dachepalli (M)  
Guntur dt. GUNTUR ANDHRA  
PRADESH  
Phone:  
FAX :

## Mining Engineer

Name : K.HARSHATH, Full Time  
Qualification : BTECH MINING  
Appointment/ : 16-8-2021  
Termination date

## Geologist

Name : MD MASTAN BASHA, Full Time  
Qualification : MSC GEOLOGY  
Appointment/ : 21-11-22  
Termination date

## Manager

Name : T KONDA REDDY  
Qualification : B TECH MINING  
Appointment/ : 19-6-2018  
Termination date

6. Date of approval of Mining : Fresh under rule 22 MCR1960 23-FEB-10  
Plan/Scheme of Mining MP modif under 17(3) MCR 2016 03-NOV-16

RMP approved on 26/7/2020

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	No exploration carried out during 2023-24	No deviation.
1b	Exploration over lease area for geological axis 1 or 2	None	None	The entire potentially mineralised area has been explored at G1 level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Nil
1e	Balance reserve as on 01/04/20	----	The reserves as on 1/4/2024 are 4.81 Million tonnes	No comments
1f	General remarks of inspecting officers on geology, exploration etc	There was no proposal for exploration during the year 2023-24.	No exploration was carried out during the year 2023-24.	The entire potentially mineralised zone was explored under G1 level as per ME & MC rules 2015. A total of 40 boreholes were drilled with a total meterage of 1743 meters at a grid interval of 190X190 meters. The deposit forms a part of Narji limestone series.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Proposed to develop between gridlines E373150 N1840550 To E373250 N1840650	Same was noticed during the virtual inspection.	No deviation noticed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No bench was proposed in the topsoil, the topsoil removed is being utilised for plantation purposes. No bench proposed in overburden as there is no OB in the lease.	Same was noticed during the virtual inspection.	No deviation.
2c	Stripping ratio or ore to OB ratio	Nil	Nil	None
2d	Quantity of topsoil generation in m3	300 cubic meters proposed during 2023-24	378 cubic meters reported during 2023-24.	No comments.
2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	---	The development being done by lessee as per approved proposals.

## Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	No deviation

3b	Quantity of ROM mineral production proposed	8512 tonnes during 2023-24	8100 tonnes reported during the year 2023-24	No deviation.
3c	Recovery of sailable/usable mineral from ROM production	Nil	Nil	The entire ROM consumed in the cement company of lessee
3d	Quantity of mineral reject generation	Nil	Nil	There is no mineral reject in the deposit.
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	Nil	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	None
3j	Provision of drilling and blasting in mineral benches	Yes	yes drilling and blasting being carried out as proposed.	No deviation.
3k	Provision of mining machineries in mineral benches	Yes	Yes, excavators and tippers being used for excavating and transporting the mineral.	No deviation.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	6 meters height bench noticed.	No deviation.
3m	Total area covered under excavation/pits	0.72 ha	0.70 ha	No comments
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	Nil
3o	Total area put in use under different heads at the end of year	3.10 ha	2.72 ha	No comments
3p	Production of ROM mineral during the last five year period as applicable	2019-20 = 26590 2020-21 = 8862 2021-22 = 8762 2022-23 = 8612 2023-24 = 8512	2019-20 = 10925 2020-21 = 2800 2021-22 = 7500 2022-23 = 5700 2023-24 = 8100	No deviation
3q	General remarks of inspecting officers on method of mining etc.	---	---	The exploitation of the deposit being done by lessee as proposed in the approved document.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	Nil
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	Nil

4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	Nil
4e	Number of active and alive dumps.	Nil	Nil	Nil
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	There is no overburden in the lease as such no generation waste was proposed.

#### 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.	Nil	Nil	Nil
5b	Area under backfilling of mined out area	Nil	Nil	Nil

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	Nil	Nil

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).	Yes	Yes	No comments
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	0.5 ha	0.5 ha	No comments
6d	No. of saplings planted during the year	100 saplings	100 saplings as reported by lessee.	No deviation
6e	Cumulative no .of plants	---	785 no.s	No comments
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	---	---	Not reported by lessee

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	None	None	None

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring of reports by lessee regularly	Lessee submitting quarterly monitoring reports to this office regularly.All parameters are reported to be within permissible limits.	No comments
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	---	All the PMCP measures as proposed are being implemented as per the reports submitted by tghes lessee.

## Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	None	None	No grade-wise sorting within the lease area proposed are being carried out by lessee.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	None	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	None	None	No beneficiation practice was proposed or being carried out by lesee.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	No comments
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	The topsoil generated is being used for plantation purposes	No comments
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	---	Except for the plantation made by lessee, no other vegetation was noticed.	No comments

8g	Survival rate	70%	70%	No comments
8h	Water sprinkling on roads to control airborne dust	It was proposed to control the dust be sprinkling the water using water sorinklers.	Same was reported by the lessee.	No comments
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	None	All environmental protection measures are being taken by lessee as reported in the PMCP report.

## Compliance of Rule 45:

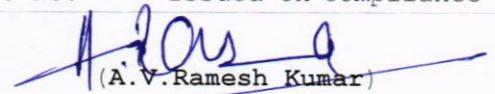
Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	---	The monthly and annual returns are being submitted as per timelines.	No deviation.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the annual returns 2023-24, Sri Harshath and Sri Mastan Basha are appointed as Mining Engineer and geologist	Same was confirmed.	No comments
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pit - 0.70 ha Infrastructure - 2.17 ha	Same was noticed as per drone data.	No comments
9d	Scrutiny of Annual return on afforestation	As per annual return 2023-24 101 sapligs were planted.	As per report same was confirmed.	No comments
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	None

9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per annual return 2023-24 was 8100 tonnes	Same was confirmed during the drone analysis. Initially there was an anomaly and the drone data was referred back. After rectification it more or less confirmed the ROM produced.	No comments
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine price as per annual return was Rs. 684/- per tonne	Same was confirmed.	No comments
9h	Scrutiny of Annual return on fixed assets	Fixed asset value not reported	Not verified as value was not reported.	No comments
9k	Scrutiny of Annual return on mining machineries	One shobvel two tipper One water tanker	Same was confirmed.	No comments

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

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date : 06-12-2024

  
(A.V. Ramesh Kumar)  
Indian Bureau of Mines