

INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

Mining Plan Modification REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-212/HYD

Mine code : 38APR11154

- (i) Name of the Inspecting : M029 ) MADHU SUDHAN YADAV M  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri. Ajmal Ahmed, Agent, Sri. V Prasad, Qualified Per  
Official with  
Designation
- (iv) Date of Inspection : 14-MAR-22
- (v) Prev.inspection date : 09-OCT-20

PART-I : GENERAL INFORMATION

1. (a) Mine Name : KANAKADRIPALLI(435.24 HA)
- (b) Registration NO. :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : PETNIKOTA AND ITIKY  
Taluka : Kolmigungunda  
Post office : Kolmigungunda  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station : KANAKADRIPALLI
- (g) First opening date : 09-JUN-08
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance
3. (a) Lease Number :  
(b) Lease area : 435.24 Ha  
(c) Period of lease : 50 years  
(d) Date of Expiry : 08/08/2050
4. Mineral worked : LIMESTONE Main

5. Name and Address of the  
Lessee :

THE RAMCO CEMENTS LTD  
KUMARASWAMY RAJANAGAR  
JAGGAYAPET MANDAL KRISHNA  
ANDHRA PRADESH  
Phone:08654-224400  
FAX :08654-222532

6. Date of approval of Mining  
Plan/Scheme of Mining

: Mining plan approval on 30/11/1999.  
Modified Mining Plan approved on 23/10/2020.

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	
1e	Balance reserve as on 01/04/20	-----	Proved Reserves as on 01/03/2022 - 85.639 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Entire mining lease area explored under G1 level of exploration by drilling 122 Nos. of core boreholes.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1666465 - N1666696 & E 184918 - E185170	Nil	Mining operations not started due to no Environmental Clearance.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches proposed for topsoil and mineral	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.0	Nil	
2d	Quantity of topsoil generation in m <sup>3</sup>	2020-21 - 31360 cu.m	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 Mining operations not started due to no Environmental Clearance.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	Nil	
3b	Quantity of ROM mineral production proposed	2020-21 - 100000 Te	Nil	
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	Not applicable	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	

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 proposed in the mineral benches	Nil	
3k	Provision of mining machineries in mineral benches	Mining machineries proposed to use in the mineral benches	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed to maintain 8m bench height in mineral	Nil	
3m	Total area covered under excavation/pits	6.42 Ha	4.974 Ha (Old quarry pit)	Working is being carried out by local people in old quarry pit in the southern side of the mining lease area. Letter sent to DMG, A.P to take action against illegal excavation in the mining lease area.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.0	Nil	
3o	Total area put in use under different heads at the end of year	11.40 Ha	Nil	

3p	Production of ROM mineral during the last five year period as applicable	2020-21 - 100000 Te 2021-22 - 100125 Te	Nil	
3q	General remarks of inspecting officers on method of mining etc.			Mining operations not started by the lessee due to no Environmental Clearance. Working is being carried out by local people in old quarry pit in the southern side of the mining lease area. Letter sent to DMG, A.P to take action against illegal excavation in the mining lease area.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	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	Old flaggy dumps generated in the mining lease area which was created earlier by the slab quarry workings.	
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	

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) 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 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)	Proposed to monitoring the core zone and buffer zone	Nil	Environmental Monitoring work not carried out due to no mining operations.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No are of pit has mined out and reached its ultimate pit limit to start reclamation, rehabilitation and backfilling activities.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed to dispatch the entire ROM to captive cement plant	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Production is yet to start and plant erection work is in progress. Hence mineral conservation aspect does not arise at present.

#### Environment:



4f	Number of dead dumps.	No proposal	Nil
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		

Old flaggy dumps generated in the mining lease area which was created earlier by the slab quarry workings. In the scrutiny issued i is advised to re-survey the flaggy dumps generated b the slab quarry workings.

#### 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.			No area in the mining lease is mined out upto its ultimate pit limit to start backfilling.

#### 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).	To be submitted	Submitted in time	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	2020-21 - 0.3 Ha	2020-21 - 0.5 Ha	
6d	No. of saplings planted during the year	2020-21 - 450 Nos.	2020-21 - 4000 Nos	
6e	Cumulative no .of plants	No proposal	6000 Nos. (till Feb'22)	
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year	No proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Nil	

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed to removed and use the topsoil for plantation	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)	2020-21 - 450 Nos. at 0.3 Ha	2020-21 - 6000 Nos. at 0.5 Ha	
8g	Survival rate	90%	90%	
8h	Water sprinkling on roads to control airborne dust	Proposed to use water tankers for dust suppression	Nil	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation done in the 7.5m safety zone area.
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Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted	Submitted in time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer - Sri. Masson Basha Geologist - Sri. Vijay Kumar	Mining Engineer - Sri. Masson Basha Geologist - Sri. Vijay Kumar	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	
9d	Scrutiny of Annual return on afforestation	4000 Nos.	4000 Nos.	
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	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	

9h	Scrutiny of Annual return on fixed assets	Value of fixed assests is reported as Rs.224450900/-	Fixed assets couldn't be verified.
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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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 : 13/04/2022

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines