

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/LST-213/HYD

**Mine code :** 38APR11156

- (i) Name of the Inspecting : **M029** ) **MADHU SUDHAN YADAV M**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 09-APR-21
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAYANUNIPALI(775.57 HA)**
- (b) **Registration NO.** : **638**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : **ANDHRA PRADESH**  
District : **KURNOOL**  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 14-APR-18
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance :
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
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

Owner : P.R.VENKATRAMA RAJA  
AURAS CORPORATE CENTRE, Vth  
FLOOR, Dr.RADHAKRISHNA  
ROAD,MYLAPORE, CHENNAI  
CHENNAI CITY TAMIL NADU  
Phone: 044-28478666  
FAX : 044-28478676

Agent : AJMAL AHMED.N  
KRISHNA ANDHRA PRADESH  
Phone:  
FAX :

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

## 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	G1 area - 664.03 Ha G2 area - 59.6778 Ha G3 area - 12.0122 Ha	
1e	Balance reserve as on 01/04/20	----	Proved mineral reserves as on 01/04/2021 - 227.055 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration has been proposed in the Modified Mining Plan to convert the G2 & G3 area into G1 area.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposal	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No Proposal	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			Mining Plan was approved on 29/11/1999 and was valid till 2004-05. No approved mining plan thereafter. Hence the period after 2004-05 is considered as lapse period.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal	Nil	
3b	Quantity of ROM mineral production proposed	No Proposal	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal	Nil	
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	

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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	No Proposal	Nil
3k	Provision of mining machineries in mineral benches	No Proposal	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	Nil
3m	Total area covered under excavation/pits	No Proposal	Nil
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal	Nil
3o	Total area put in use under different heads at the end of year	No Proposal	Nil
3p	Production of ROM mineral during the last five year period as applicable	No Proposal	Nil

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3q	General remarks of inspecting officers on method of mining etc.	No Proposal	Nil	Mining Plan was approved on 29/11/1999 and was valid till 2004-05. No approved mining plan thereafter. Hence the period after 2004-05 is considered as lapse period.
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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	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	
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	

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4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			Old scattered dumps found in the lease area. Lessee has reported that the dumps are being created by the minor mineral slab quarries before execution of the lease.

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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.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Not submitted	No approved proposal to carried out the PMCP work.
6b	Area available for rehabilitation (ha) .	No proposal	Nil
6c	afforestation done (ha).	No proposal	Nil
6d	No. of saplings planted during the year	No proposal	Nil
6e	Cumulative no .of plants	No proposal	Nil
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
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)	No proposal	Nil
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.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	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:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	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)	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Thorn bushes found in the lease 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	Monthly returns and annual returns to be submitted	Submitted in time	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager - Sri. Ajmal Ahmed Mining Engineer - Sri. Jayaker.K Geologist - Sri. Vikas Kumar	Manager - Sri. Ajmal Ahmed Mining Engineer - Sri. Jayaker.K Geologist - Sri. Vikas 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	Nil	Nil
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	Rs. 333812375/-	Reported by lessee
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 :**

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines