

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

Mining Plan Modification 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 : Sri. Satish Kumar, Sr. Manager(Mines), Sri. V Prasad,
Official with
Designation
- (iv) Date of Inspection : 16-DEC-22
- (v) Prev.inspection date : 09-APR-21

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 : Kolimigundla & Petnikota
Taluka : Kolimigundla
Post office : Kolimigundla
Pin Code : 518213
FAX No. :
E-mail :
Phone :
- (f) Police Station : Kolimigundla
- (g) First opening date : 14-APR-18
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number :
(b) Lease area : 735.72 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

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 : MP modif under 17(3) MCR 2016 28-JUN-21
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 - 663.75Ha Non-mineralised area - 71.97 Ha	
1e	Balance reserve as on 01/04/20	----	Proved mineral reserves (111) as on 01/11/2022 - 238.81 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Entire area is covered under G1 level of exploration.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	2021-22 - Pit 1 : 1669973N- 1670396N & 188282E- 188658E Pit12: 1669932N- 1670382N & 187547E- 187936E	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	2021-22 - 131800 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			No development work carried out as per proposal due to non- availability of EC.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Two Pits	Nil	
3b	Quantity of ROM mineral production proposed	2021-22 - 2700000 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.	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	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	Proposed to use machineries in the mineral benches	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain the bench height of 8 meters	Nil
3m	Total area covered under excavation/pits	35.672 Ha	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	49.196 Ha	Nil
3p	Production of ROM mineral during the last five year period as applicable	2021-22 - 2.7 million tonnes 2022-23 - 2.7 million tonnes	2021-22- Nil 2022-23 - Nil (upto Dec 2022)

3g	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. Modification of Mining Plan was approved on 28.06.2021. Hence the period from 2004-05 to 2020-21 is considered as lapse period.
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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	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	
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.

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 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	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted	Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	2021-22 - 1 Ha	2021-22- 1 Ha	
6d	No. of saplings planted during the year	2021-22- 1500 Nos.	2021-22- 4000 Nos.	
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)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)	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.

Mineral Conservation:

Sl.No.	Item	Proposals	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 not commenced due to want to EC. Hence mineral conservation aspect does not arise at present.

Environment:

Sl.No.	Item	Proposals	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	90%	90%	
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.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns and annual returns to be submitted	Submitted in time	

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	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	Rs. 333812375/-	Reported by lessee
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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

J. Das

Date : 25/01/2023

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines

