

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

Mining Plan inspection REPORT

Hyderabad regional office

Mine file No : AP/KSN/LST- 29/HYD

Mine code : 38APR10036

- (i) Name of the Inspecting : **M029**) **MADHU SUDHAN YADAV M**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : P.Jani Reddy, Agent & Sr.DGM, P.Suryanarayana Murthr
Official with
Designation
- (iv) Date of Inspection : 19/12/2019
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAVIRALA(124.38 HA)**
- (b) **Registration NO.** : **IBM/638/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KRISHNA
- Village : RAVIRALA
- Taluka : JAGGAYYAPET
- Post office : KUMARASAMYRAJA NAGAR
- Pin Code : 521457
- FAX No. : 08654-222532
- E-mail : pjr@ramcocements.co.in
- Phone : 08654-224400
- (f) Police Station : JAGGAYYAPETA
- (g) First opening date : 01/10/1997
- (h) Weekly day of rest : SUN
2. Address for : KSR NAGAR
correspondance : JAGGAYYAPET
KRISHNA, AP
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 : P JANI REDDY
KUMARASWAMY .RAJA.NAGAR,
JAYATNTHIPURAM KRISHNA
DISTRICT KRISHNA ANDHRA
PRADESH
Phone: 08654-224400
FAX : 08654-222532

Mining Engineer

Name : P Jani Reddy, Full Time
Qualification : AMIEin Mining Engineering
Appointment/ : 01/08/2017
Termination date

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	Not Applicable	
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	As per the old exploration data 6.14 ha under G1 and 42.88 ha under G2. The balance area to explore to bring into G1.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Not Applicable	
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	No proposal	111- 0.95 million Tonnes 121 & 122 - 1.97 million Tonnes	

1f General remarks of inspecting officers on geology, exploration etc

Combined MP was approved vide letter No. AP/KSN/MP/Lst -2 Hyd dt. 3.10.2989 over an extent of 289.82 ha. but subsequent to amendment to Rule 22(4) of MCR 1960 on 13.8.1995 Mining Plan for the precise area was not prepared. Hence lessee is not having mining plan.

2. As per the approved document Phyllite area reported to occurring above the limestone so it is necessary to undergo exploration to the entire area to prove the mineralization beneath and to establish the fault zone if any in the area.

Development :

Sl.No.	Item	Propasals	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		Since 2003 no production/development has been reported.

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	

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
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
3q	General remarks of inspecting officers on method of mining etc.	Since 2003 no production/dev elopment.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	NA
4b	Location of topsoil, OB and mineral reject dumps	No proposal	NA
4c	Number of dumps within lease area and outside of lease area	No proposal	NA
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA
4e	Number of active and alive dumps.	No proposal	NA
4f	Number of dead dumps.	No proposal	NA
4g	Number of dumps established.	No proposal	NA
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		

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	NA	

5b	Area under backfilling of mined out area	No proposal	NA
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NA
5d	Total area fully reclaimed and rehabilitated	No proposal	NA
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal	NA

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No proposal	NA	
6b	Area available for rehabilitation (ha) .	No proposal	NA	
6c	afforestation done (ha).	No proposal	NA	
6d	No. of saplings planted during the year	No proposal	NA	
6e	Cumulative no .of plants	No proposal	NA	
6f	Any other method of rehabilitation	No proposal	Not applicable	
6g	Cost incurred on watch and care during the year	No proposal	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	NA	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	NA
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	NA
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	NA
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	NA
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NA
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NA
7c	Different grade of mineral sorted out at mines.	No proposal	NA
7d	Any beneficiation process at mines .	No proposal	NA
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal	NA

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NA	
8b	Concurrent use or storage of topsoil	No proposal	No proposal	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	NA
8g	Survival rate	No proposal	NA
8h	Water sprinkling on roads to control airborne dust		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	submitted within the time	Monthly returns submitted upto November 2019 Annual return submitted upto 2018-19	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		P Jani Reddy is working both as a Mining Engineer and Agent for the mines.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No area has been utilized	No major deviation has been observed.	
9d	Scrutiny of Annual return on afforestation	Nil reported		

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil reported
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil production and closing stock of 207 mt has been reported.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	
9h	Scrutiny of Annual return on fixed assets	
9k	Scrutiny of Annual return on mining machineries	No mining machinery is used as there is no production.

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