

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

FMCP Inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-33/HYD

Mine code : 38APR14052

- (i) Name of the Inspecting : **M029**) **MADHU SUDHAN YADAV M**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri.J.Srinivas Raju, Mining Engineer, Sri.V.Ramachand
Official with
Designation
- (iv) Date of Inspection : 10-FEB-21
- (v) Prev.inspection date : 02-AUG-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GUDIMALKAPURAM(4.75 HA)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : TELANGANA
District : NALGONDA
Village : GUDIMALKAPURAM
Taluka : MELLACHERUVU
Post office : GUDIMALKAPURAM
Pin Code : 508246
FAX No. : 08683-230024
E-mail : vr@anjanicement.com
Phone : 08683-230168
- (f) Police Station : MELLACHERVU
- (g) First opening date : 09-MAY-09
- (h) Weekly day of rest : SUN
2. Address for : CHINTAPALEM VILLAGE
correspondance : GUDIMALKAPURAM POST
MELLACHERVU VILLAGE
3. (a) Lease Number : APR2903
(b) Lease area : 4.75
(c) Period of lease : 50
(d) Date of Expiry : 29-OCT-58
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S ANJANI PORTLAND CEMENT LTD
 SITHA NILAYAM 153
 DWARAKAPURI COLONY
 PUNJAGUTTA HYDERABAD
 TELANGANA
 Phone:3353093
 FAX :40-3353093

Mining Engineer

Name : J.SREENIVASA RAJU,Full Time
 Qualification : B.E (MINING)
 Appointment/ :
 Termination date

Manager

Name : SRI V.RAMACHANDRAM
 Qualification : DIPLOMA IN MINING ENGINEERING
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20-JAN-15
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	20-NOV-17

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	3.34 Ha.	1.41 Ha.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	1.41 hectare is falling under statutory blocked zone is not explored.
1e	Balance reserve as on 01/04/20	749963 tonnes - 111 category, remaining resource under 221 = 948938 tonnes. Remaining resource under 334 = 594562 tonnes.	Proved reserves under 111 category - 899963 tonnes. Remaining resource under 221 = 948938 tonnes. Remaining resource under 334 = 594562 tonnes.	
1f	General remarks of inspecting officers on geology, exploration etc			Mine is not working from 10/05/2017 as per the temporary discontinuance notice submitted by the lessee.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Within the lease at coordinates N1855149 - N1855399 & E394700 - E394900	Nil	Mine is not working from 10/05/2017 as per the temporary discontinuance notice submitted by the lessee.
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			No top soil and OB is generated.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2019-20 - 150000 Te	2019-20 - Nil	Mine is not working from 10/05/2017 as per the temporary discontinuance notice submitted by the lessee.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	

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 mineral benches	Nil	Mine not working.
3k	Provision of mining machineries in mineral benches	It was proposed to use wagon drills, exvators & dumpers for drilling, loading & transporting of ore to crushing plant.	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	2.598 Ha	2.24 Ha	
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	Mining - 2.598 ha Infrastructure - 0.00 ha. Roads - 0.006 ha. Green Belt - 0.101 ha.	Mining - 2.24 ha. Infrastructure - 0.00 ha. Roads - 0.006 ha. Green Belt - 0.0 ha	
3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 159000 MT 2016-17 - 154075 MT 2017-18 - 116963 MT 2018-19 - 150000 2019-20-150000 MT	2015-16 - 141500 MT 2016-17 - 74091.46 MT 2017-18 - 1121 MT 2018-19 - Nil 2019-20 - Nil	
3q	General remarks of inspecting officers on method of mining etc.			Mine was not working and pit was filled with water. Due to this unable to inspect the pit bottom and lower bench.

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	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			No topsoil, overburden and mineral rejects are generated in the mining area.

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.			The pit is not 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	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	No proposal	Nil	
6d	No. of saplings planted during the year	2019-20 - 250 Nos.	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)	Quarterly environmental monitoring of core and buffer zone.	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is not working from 10/05/2017 as per the temporary discontinuance notice submitted by the lessee.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM to be utilized directly for captive purpose, hence no grade wise sorting is proposed within the ML.	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	No sub grade has been generated. Beneficiation is not required as the entire ROM mineral is utilised for captive plant.
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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)	---	Available	
8g	Survival rate	--	--	
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine is not working. Pit is filled with water.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted	Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	J. Srinivasa Raju - Mining Engineer and M. Manoj Kumar, Geologist appointed	Appointed as per submission.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Openpit - 2.66Ha Infrastructure and plantation - 0.516 Ha	Broadly as per submission.	
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	----
9h	Scrutiny of Annual return on fixed assets	Rs.21917/-	----
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

Date :

(MADHU SUDHAN YADAV M)

Indian Bureau of Mines