

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

Mining Plan inspection REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-24/HYD

Mine code : 38APR14030

- (i) Name of the Inspecting : **M015**) **MANISH K. MAINDIRATTA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 11/07/2018
- (v) Prev.inspection date : 22/08/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ANJANI**
- (b) **Registration NO.** : **IBM/8493/2012**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : **TELANGANA**
District : **NALGONDA**
Village : **CHINTALAPALEM**
Taluka : **MELLA CHERUVU**
Post office : **GUDIMALKAPURAM**
Pin Code : **500082**
FAX No. : **9140-23353093**
E-mail : **mines@anjanicement.com**
Phone : **08683230168**
- (f) Police Station : **CHINTALAPALEM**
- (g) First opening date : **15/12/1999**
- (h) Weekly day of rest : **SUN**
2. Address for : **CHINTAPALEM VILLAGE**
correspondance : **MELLACHERVU MANDAL**
NALGONDA DISTRICT
3. (a) Lease Number : **APR0524**
- (b) Lease area : **33.99**
- (c) Period of lease :
- (d) Date of Expiry : **26/09/2013**
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

Owner : A SUBRAMANIAN
 NALGONDA TELANGANA
 Phone:
 FAX :

Agent : N VENKAT RAJU
 ANJANIPURAM, GUDIMALKAPURAM
 CHINTALAPALEM SURYAPET
 DISTRICT, TELANGANA STATE
 NALGONDA TELANGANA
 Phone:
 FAX :

Manager

Name : V.RAMACHANDRAM
 Qualification : DIPLOM IN MINING
 Appointment/ : 05/06/2007
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	02/06/2003
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	21/02/2005
		Renewal under rule 24 MCR1960	14/02/2012
		MP modif under MCR 1960	21/08/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	1 pending against exploration proposal of previous year, prior to 2017-18.	1	
1b	Exploration over lease area for geological axis 1 or 2		Entire area has been explored upto G1/ G2 level of exploration G1 - 45.28 hectare G2 - 5.03 hectare	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Rs 188800/- for the one hole drilled in 2017-18.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20		Reserves as on 27-3-2015 = 13.92 mT, Resource - 15.63 mT, Depletion till March 18= 2.968 million tonnes Balance reserves= 10.952 million tonnes , resource 15.63 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Working was proposed in the southern side of the pit between gridlines N9600-10100, E 4500-5100	Worked as per proposal.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil, overburden generation anticipated, only mineral bench was anticipated	No top soil, overburden generation reported in 2017-18. Only mineral benches are there.
2c	Stripping ratio or ore to OB ratio	NA	NA
2d	Quantity of topsoil generation in m3	Not anticipated	Nil generated
2e	Quantity of overburden generation in m3	Not anticipated	Nil Generated
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	NA
3b	Quantity of ROM mineral production proposed	2015-16 = 1552000 T 2016-17 = 1552000 T 2017-18 = 1552000 T	2015-16 = 840500 T 2016-17 = 1020896.76 T 2017-18 = 1106835.60 T 2018-19 till 10th July = 321901 T	
3c	Recovery of saleable/usable mineral from ROM production	Entire ROM was proposed to be used	Entire ROM is reportedly used and no subgrade generation reported	
3d	Quantity of mineral reject generation	Nil mineral reject generation anticipated	NIL generation reported.	
3e	Grade of mineral rejects generation and threshold value declared.	NA	Not applicable	
3f	Quantity of sub grade mineral generation.	Nil generation anticipated.	Nil generation reported	

3g	Grade of sub grade mineral generation		Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	NA	Sorting is not required to be done at present.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	Not required at present.
3j	Provision of drilling and blasting in mineral benches	drilling and blasting proposed	drilling and blasting undertaken.
3k	Provision of mining machineries in mineral benches	mechanised drilling , blasting, loading and transpotation using tipper proposed	Being undertaken accprdingly.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		6-7 meters beeight is parcticed which is suiatble for method of mining.
3m	Total area covered under excavation/pits		35.45 hectare under excavtion/ pit.
3n	Ore to OB ratio for the pit/mine during the year.	NA	No overburden is there.
3p	Production of ROM mineral during the last five year period as applicable	2013-14 - 1433018 T 2014-15 - 1651915 T 2015-16 - 1552000 T 2016-17 - 1552000 T 2017-18= 1552000 T	2013-14 - 1012000 T 2014-15 - 852949 T 2015-16 - 840500 T 2016-17 - 1020896.76 T 2017-18= 1106838.6 T
3q	General remarks of inspecting officers on method of mining etc.		

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No top soil, OB and Mineral reject generation anticipated in 2017-18	No generation is reported in 2017-18	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Not applicable	
4c	Number of dumps within lease area and outside of lease area	none	No dump is there within the lease. However small/ meagre quantity of old scattered material is there outside the lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Not applicable	
4e	Number of active and alive dumps.	None	None	
4f	Number of dead dumps.		NIL	
4g	Number of dumps established.	No proposal	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Not Applicable	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not Applicable	
4j	Number of settling ponds	No proposal	No settling pond is there .	
4k	Specific comments of inspecting officer on waste dump management	NA	NA	

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.	NA	The mineralisation is continuing further below water table as reported. So further backfilling is not proposed as of now.	

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)	NA	There is no top soil dump available for restoration of mined out area.
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA

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).		Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	No area is available for rehabilitation.	
6c	afforestation done (ha).	NA	No arfforestation is done for the rehabilitation of mined land . However t1000 saplings have been planted within lease area	
6d	No. of saplings planted during the year	NA	1000 saplings have been planted within lease area	
6f	Any other method of rehabilitation		Area is not mature for reclamation / rehabilitation at present	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	Entire ROM has been utilised by simultaneous blending without sorting.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	Not Applicable
7c	Different grade of mineral sorted out at mines.		Not Applicable as entire ROM mineral is being used as such
7d	Any beneficiation process at mines	NA	Not Applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	Not Applicable as top soil generation is not reported in the year 2017-18.	
8b	Concurrent use or storage of topsoil		Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		No such generation was anticipated for the year 2017-18. Hence separate dumping is not relevant for the year 2017-18. Not Applicabe.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Due to the lack of OB , mineral reject/ waste, the backfilling to restore the land to original use is not possible.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	The area is not mature for the purpose as mineral is continuing depth wise
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		1000 saplings have been planted.
8g	Survival rate	-	75%
8h	Water sprinkling on roads to control airborne dust	-	Water Sprinkling arrangement provided by means of 10KL Water Tanker .
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		M.R. Submitted upto September - 2017	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- J Srinivas reddy Geologist- Nagur Meera Sahib.	Both the persopns are there and Sh Nagur Meera Sahib is working as Geologis for two ;leases both pit-4 and pit-1	lessee is in the process of appointing another MIning Engineer and Geologist.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	Baoadly as per submission	

9d	Scrutiny of Annual return on afforestation	1000 saplings reported to have been planted within lease in the year 2018-19	1000 saplings planted as submitted.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	As per submission
9f	Scrutiny of Annual return on ROM stock and/or graded ore	-	Open Cast Workings Opening Balance 0.000T Production- 1106835.660 T Closing Balance- 0.000 T
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs 190/- per tonne submitted	Rs. 190/- per tonne reported
9h	Scrutiny of Annual return on fixed assets	-	-
9k	Scrutiny of Annual return on mining machineries	-	Back Hoe - 1600 Cack Hoe - 0.900 Air compressor - 450 cfm - 1 no Rock drill (nonelec) - 115 m m - 1 no Tiper - 17.0 MT - 15 nos.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(MANISH K. MAINDIRATTA)

Indian Bureau of Mines