

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

**MCDR inspection REPORT
Hyderabad regional office**

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

Mine code : 38APR14030

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri. N Venkat Raju, Agent, Shri V Ramachandran, Mine
Official with
Designation
- (iv) Date of Inspection : 09/12/2019
- (v) Prev.inspection date : 28/06/2019

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
	:	MP modif under 17(3) MCR 2016	20/08/2018

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	
1b	Exploration over lease area for geological axis 1 or 2	No Proposal was submitted for exploration during the year 2018-19	No exploration was carried out during 2018-19, Exploration of 02 no. of bore holes carried out to prove contact zone	Total Area of 57.54 Ha is under G1 category
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	51500/-	Two DTH drilling holes each upto 105 m had been carried out during the year 2019-20
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Entire lease area has been explored under G1 level
1e	Balance reserve as on 01/04/20	169.87 Million tonnes	Nil	AS on 01.04.2019
1f	General remarks of inspecting officers on geology, exploration etc		Total area has been explored under G1 scale	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to excavate on the southern side of the lease area between co-ordinates E4550-5220 & N 9500- N10050.	It was observed that development has been carried out within the co-ordinates on Southern side of the lease as proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no Top soil generation in the lease area	No top soil observed	

2c	Stripping ratio or ore to OB ratio	Not Applicable	Not Applicable
2d	Quantity of topsoil generation in m3	Not Applicable	Not Applicable
2e	Quantity of overburden generation in m3	Not Applicable	Not Applicable
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mining is being carried out by developing one pit having dimension of 745 X 525 meters with three operating benches of 7 meters height

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2015-16 - 1552000 MT 2016-17 - 1552000 MT 2017-18 - 1552000 MT 2019-20 - 1552000 MT	2015-16 - 840500 MT 2016-17 - 1020896.76 MT 2017-18 - 1106835.60 MT 2018-19 - 1119434.48 MT	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Applicable as there is no proposal of mineral reject generation	Not Applicable	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable	

3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	Not Applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Applicable	Not Applicable
3j	Provision of drilling and blasting in mineral benches	Drilling and Blasting is being carried out by maintaining Spacing of 3.5 meters and Burden of 3 meters. The depth of hole is 7.5 meters	Drilling and Blastind is being carried out as per proposal
3k	Provision of mining machineries in mineral benches	it was proposed to use wagon drill for blast holes, Excavator and Tippers for loading and transport of ROM	it was observed that wagon drill for blast holes, Excavator and Tippers for loading and transport of ROM are found using in the lease
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was propose to maintain bench height of 7 meters	During the inspection it was noticed that bench height of 7 meters is found maintained.
3m	Total area covered under excavation/pits	31	28.34
3n	Ore to OB ratio for the pit/mine during the year.	Not Applicable	Not Applicable

3o	Total area put in use under different heads at the end of year	35.45	Mining 30.680 ha Infrastructure 0.05 ha Roads - 0.62 ha Green Belt - 4.4 ha
3p	Production of ROM mineral during the last five year period as applicable	2015-16 - 1552000 MT 2016-17 - 1552000 MT 2017-18 - 1552000 MT 2019-20 - 1552000 MT	2015-16 - 840500 MT 2016-17 - 1020896.76 MT 2017-18 - 1106835.60 MT 2019-20 - 1119434.48 MT
3q	General remarks of inspecting officers on method of mining etc.		There is no deviation in production of ore during the year 2018-19. The Mining lease is having gentle dip of 3 to 5 degrees and the deposit is tabular and uniform in nature

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, as ther is no top soil and overburden in the proposed area.	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	Not Applicable	
4c	Number of dumps within lease area and outside of lease area	None	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	
4e	Number of active and alive dumps.	Not Applicable	Not Applicable	
4f	Number of dead dumps.	Not Applicable	Not Applicable	

4g	Number of dumps established.	Not Applicable	Not Applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal	None
4i	Length of Retaining wall or garland drain all along dumps	No proposal	none
4j	Number of settling ponds	No Proposal	Nil
4k	Specific comments of inspecting officer on waste dump management		There is no Top soil, Waste, Mineral Reject in the proposed area. No Top soil, Waste, Mineral Reject was reported during the year

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.	There is no Back fillingproposal	Not Applicable	
5b	Area under backfilling of mined out area	No area proposed for backfilling	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not applicable	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	Nil	Not applicable	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	As there was no Mined out area, No reclamation and rehabilitated was carried out
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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).	It was proposed to submit annual report in Time	The yearly report was submitted for the yeaser 2018-19	
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable	
6c	afforestation done (ha).	500 no.	2000 Nos.	
6d	No. of saplings planted during the year	500	2000	
6g	Cost incurred on watch and care during the year	Nil	Rs. 1,00,000	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The proposal made in PMCP for plantation and environment mnitoring is being carried out regularly	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1552000MT	1119434 MT	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	Nil
7c	Different grade of mineral sorted out at mines.	Not Applicable	Nil
7d	Any beneficiation process at mines .	Nil	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The entire ROM being produced is consumed in captive cement plant

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	As there is no top soil, no proposal was made	None	
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		So far 22,142 sapplings were planted in and around lease area
8g	Survival rate	70%	70%
8h	Water sprinkling on roads to control airborne dust	For duct control water sprinkling arrangement is to be made.	Water sprinkling was done with our own 12 KL Water Tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		As there was no top soil, No generation of overburden is reported. Green belt is well developed within the lease area on Northern side of Pit to improve the aesthetic beauty. Plantation has been carried out around the lease area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Return submitted before 10th of every month. Annual Return submitted before 1st of July every year.	Monthly and Annual Returns being submitted regularly.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri j Srinivas is Mining Engineer and Sri Manoj Kumar is Geologist	The above persons were employed in the mine
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Pit : 28.34 Ha, Road/ Plant : 0.67 Ha, Green belt : 3.86 Ha
9d	Scrutiny of Annual return on afforestation	500 no's in 0.2 ha	Saples - 2000 no's Area covered 0.80 ha
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	No stock	No stock
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	-	Ex- mine Price and Cost of Production is Rs. 214.15 per Tonne
9h	Scrutiny of Annual return on fixed assets	-	23516 lacks
9k	Scrutiny of Annual return on mining machineries	-	BACK HOE- (1.6 cum) - 2, Back Hoe- 0.9 cum- 1 no. TIPPER (8.0 cum)-15 , Rock Drill- 115 mm

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 :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines