

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLG/LAT&LST-36/HYD

**Mine code :** 38APR14050

- (i) Name of the Inspecting : **PR09** ) **M.Pratap.Reddy**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : R.VENKATESWARA RAO  
Official with  
Designation
- (iv) Date of Inspection : 09/03/2017
- (v) Prev.inspection date : 30/08/2012

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DONDAPADU(4.21 HA)**
- (b) **Registration NO.** :
- (c) Category : B Tiny
- (d) Type of Working : Opencast
- (e) Postal address :  
State : **TELANGANA**  
District : **NALGONDA**  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone : **9704234530**
- (f) Police Station : **MELLACHERVU**
- (g) First opening date : **27/01/2006**
- (h) Weekly day of rest : **SUN**
2. Address for : **DONDAPADU VILLAGE**  
correspondance : **MELLACHERVU MANDAL**  
: **NALGONDA DISTRICT**
3. (a) Lease Number : **APR2906**
- (b) Lease area : **4.21**
- (c) Period of lease : **20**
- (d) Date of Expiry : **26/01/2026**
4. Mineral worked : **LATERITE** Associated  
: **LIMESTONE** Main

5. Name and Address of the

Lessee : SMT. R.RAMA DEVI  
H.NO.1-21/1 RAMAPURAM  
NALGONDA TELANGANA  
Phone:  
FAX :

Owner : SMT R.RAMA DEVI  
H.NO.1-21/1 RAMAPURAM  
NALGONDA NALGONDA TELANGANA  
Phone:  
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 28/08/2013  
Plan/Scheme of Mining

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	It was proposed to drill 7 Core bore holes.	No exploration work was undertaken	Violation of Rule 11(1) MCDR 2017 was pointed out vide lr.noAP/NLG/lat-Lst-36/Hyd on 28.3.2017.
1b	Exploration over lease area for geological axis 1 or 2	G1	No exploration work was undertaken.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee him self under the supervision of geologist was proposed to undertake the exploration. No expenditure details have been furnished.	No such work was undertaken by the lessee.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Total extent (4.10 ha) is proposed	Nothing has been done.	
1e	Balance reserve as on 01/04/20	1,73,375 T	1,86,312 T	No depletion could be done as no production of Limestone is done since for the last three years.
1f	General remarks of inspecting officers on geology, exploration etc	It is a simple sedimentary bedded deposit. G1 scale of exploration is proposed.	The Limestone deposit is interspersed with Red morrum called laterite along the Joint planes.It is a simple sedimentary bedded deposit.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	The development was proposed between grid lines S-175-S125 and W175-E130	No such development for Limestone is done.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No top soil and OB benches have been proposed.	-	No top soil and OB exists in the ML area.
2c	Stripping ratio or ore to OB ratio	Nil	-	
2d	Quantity of topsoil generation in m3	Nil	-	
2e	Quantity of overburden generation in m3	Nil	-	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The development was proposed on the southern side of the ML area.	No development has been carried out except removal of Laterite along the Joint planes of Limestone.	

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	5004 T of Limstone.	No ROM mineral production of Limestone is done.	
3c	Recovery of sailable/usable mineral from ROM production	71%	-	No production is done.
3d	Quantity of mineral reject generation	Nil	-	

3e	Grade of mineral rejects generation and threshold value declared.	There is no mineral rejection. The threshold value of Cao for Limestone is 35%	-	
3f	Quantity of sub grade mineral generation.	There is no proposals of generation of subgrade mineral.	-	
3g	Grade of sub grade mineral generation	No such proposals exists.	-	
3h	Manual / Mechanised method adopted for segregating from ROM	manual method	-	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposals have been made.	-	
3j	Provision of drilling and blasting in mineral benches	No such proposals have been made.	-	Manual method of mining operations have been proposed.
3k	Provision of mining machineries in mineral benches	No such proposals have been made.	-	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No such proposals have been made.	-	There exists no overburden.
3m	Total area covered under excavation/pits	0.39 ha	No excavation for Limestone is done.	Laterite is removed from voids/Joint planes.
3n	Ore to OB ratio for the pit/mine during the year.	No such proposals have been made.	-	As said there exists no overburden and thus there is no ratio of Ore to OB.

3o	Total area put in use under different heads at the end of year	3.863 ha	0	Except removal of laterite from voids/Joint planes, no other excavation is done.
3p	Production of ROM mineral during the last five year period as applicable	2011-12=12000T, 2012-13=lapsed period, 2013-14=2929 T, 2014-15=5004 T and 2015-16=5004 T-Limestone	2011-12=0 T, 2012-13=0 T, 2013-14=0 T, 2014-15=0 T and 2015-16=0 T-Limestone	`Except Laterite no production of Limestone is done.
3q	General remarks of inspecting officers on method of mining etc.	Manual open cast method of mining is proposed.	During the last five years period, the lessee could mine only laterite which is caught up in voids and joint Planes which has been removed manually.	

## Solid Waste Management - Dumping:

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

4h	Whether Retaining wall or garland drain all along dumps are there.	No such proposals exists.	-	
4i	Length of Retaining wall or garland drain all along dumps	No such proposals exists.	-	
4j	Number of settling ponds	No such proposals exists.	-	
4k	Specific comments of inspecting officer on waste dump management	No such proposals exists.		There is no generation of top soil, waste material and Mineral rejection.. Therefore management of waste dump does not arise.

#### 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 such proposals have been made.	-	The Limestone is yet to be exhausted therefore backfilling at this stage does not arise.
5b	Area under backfilling of mined out area	No such proposals exists.	-	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No such proposals exists.	-	No top soil exists in the ML area.
5d	Total area fully reclaimed and rehabilitated	No such proposals exists.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposals exists.		The Limestone mineral is yet to exhaust and therefore the back filling reclamation at this stage does not arise.

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No such proposals have been made.	-
6b	Area available for rehabilitation (ha) .	Nil	-
6c	afforestation done (ha).	Afforestation is proposed.	Aforesation is done by planting of 70 saplings.
6d	No. of saplings planted during the year	50 saplings	70 saplings have been done.
6e	Cumulative no .of plants	150	20
6f	Any other method of rehabilitation	No such proposals exists.	-
6g	Cost incurred on watch and care during the year	No such proposals exists.	No watch and ward has been done.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No such proposals exists.	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposals exists.	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No such proposals exists.	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposals exists.	-



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No such proposals exists.	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No such proposals exists.	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No such proposals exists.	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No such proposals exists.	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	No such proposals exists.	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Except complimentary afforestation, no other proposals have been made.	In the ML area as such the Limestone has not yet been mined and only laterite ahs been mined and which is a superficial mining. No mined out area in the ML area at present prevails.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposed with in ML area.	Done with in the ML area.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Done manually.	

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7c	Different grade of mineral sorted out at mines.	No such proposals exists.	No grade wise sorting is done.
7d	Any beneficiation process at mines	No such proposals exists.	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Production of Laterite and Limestone is simultaneously envisaged. No beneficiation proposals are made.	Production of Laterite is only done. No Limestone is produced.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No such proposals is made	-	No top soil exists in the ML area.
8b	Concurrent use or storage of topsoil	No such proposals is made	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No such proposals is made	-	No overburden, waste rock and Mineral rejects etc exists in the ML area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposals is made.	-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposals is made	-	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Thorny bushes exists. Complimentary afforestation is proposed.	Complimentary afforestation is done,	
8g	Survival rate	80%	20%	The survival rate is very poor due to lack of watch and ward.
8h	Water sprinkling on roads to control airborne dust	No such proposals is made.	-	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Complimentary afforestation proposed which adds aesthetic beauty.	Since the survival rate saplings is poor and it did not contribute much to the aesthetic beauty.	

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return shall be submitted before the 10th of every month in respect of preceding month. and annual return which shall be submitted before the 1st July each year for the preceding Financial year.	No returns have been submitted since October 2014.	Violation Rule 45(5)(b)(i) and 45(5)(C)9i) of MCDR 2017 has been ponted vide lr.no. AP/NLG/Lat-Lst-46/Hyd dated 28.6.2017
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished.	No information was made available since no returns as said have been submitted.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	No information was made available since no returns as said have been submitted.
9d	Scrutiny of Annual return on afforestation	To be furnished.	No scrutiny could be done since no returns have been submitted.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	No scrutiny could be done since no returns have been submitted.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	No scrutiny could be done since no returns have been submitted.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	No scrutiny could be done since no returns have been submitted.
9h	Scrutiny of Annual return on fixed assets	To be furnished.	No scrutiny could be done since no returns have been submitted.
9k	Scrutiny of Annual return on mining machineries	To be furnished.	No scrutiny could be done since no returns have been submitted.

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**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 :****(M.Pratap.Reddy)**

Indian Bureau of Mines