

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/DOL-30/HYD

**Mine code :** 19APR11026

- (i) Name of the Inspecting : **M029** ) **MADHU SUDHAN YADAV M**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri.Balaram, Mines Representative & Sri. V.T. Chander  
Official with  
Designation
- (iv) Date of Inspection : 05/03/2020
- (v) Prev.inspection date : 30/11/2019

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **HANUMAN MINE(12.668 HA)**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **VALASALA**
- Taluka : **DHONE**
- Post office : **CHINNA MALKAPURAM**
- Pin Code : **518222**
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : **DHONE**
- (g) **First opening date** : **01/04/1998**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **D.VENKATASUBBAMMA**  
**W/O D.KRISHNA REDDY**  
**DHONE PO.O KURNOOL DISTRICT**
3. (a) **Lease Number** : **APR1473**
- (b) **Lease area** : **12.66**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **23/12/2017**
4. **Mineral worked** : **DOLOMITE** **Main**

## 5. Name and Address of the

Lessee : SMT.D.VENKATA SUBBAMMA  
W/O D.KRISHNA REDDY DHONE  
KURNOOL DISTRICT KURNOOL  
ANDHRA PRADESH  
Phone:  
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 23/08/2010  
Plan/Scheme of Mining Modif.of approved Mining Plan 03/09/2010  
Mining Scheme rule 12 MCDR1988 27/09/2012

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No approved proposal for the year 2018-19	10 DTH boreholes and 30 trial pits made during august 2019. Total drilling meterage - 87m Trial Pit depth - 3m eac	
1b	Exploration over lease area for geological axis 1 or 2	No approved proposal	G1 - 11.326 Ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Amount spent for pitting and drilling is Rs. 1,47,525/- as reported by the lessee.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposed	1.362 Ha	
1e	Balance reserve as on 01/04/20	As per the last approved scheme of mining , balance reserves under 111 & 122 category is 241531 Te.	After deducting reported production from 2012-13 to 2018-19, the balance reserves is 536613 Te.	
1f	General remarks of inspecting officers on geology, exploration etc			Ferrogenous quartzite with concentration of iron ore occurs above dolomite as a thin layer ranging 3m-6m.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No approved proposal for 2018-19.	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposal for 2018-19.	OB and waste shall be mined from single bench. No benches have been developed in OB and iron ore.	
2c	Stripping ratio or ore to OB ratio	No approved proposal for 2018-19.	Nil	

2d	Quantity of topsoil generation in m3	No approved proposal for 2018-19.	Not applicable.
2e	Quantity of overburden generation in m3	No approved proposal for 2018-19.	Not applicable
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mining operations was suspended from 22-02-2018.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No approved proposal for 2018-19.	4 working pits observed on date of inspection.	
3b	Quantity of ROM mineral production proposed	No approved proposal for 2018-19.	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No approved proposal for 2018-19.	Nil	
3d	Quantity of mineral reject generation	No approved proposal for 2018-19.	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No approved proposal for 2018-19.	Nil	
3f	Quantity of sub grade mineral generation.	No approved proposal for 2018-19.	Nil	
3g	Grade of sub grade mineral generation	No approved proposal for 2018-19.	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposal for 2018-19.	Nil	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved proposal for 2018-19.	Nil
3j	Provision of drilling and blasting in mineral benches	No approved proposal for 2018-19.	Nil
3k	Provision of mining machineries in mineral benches	No approved proposal for 2018-19.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved proposal for 2018-19.	Height of existing benches are suitable for mechanised mining operation.
3m	Total area covered under excavation/pits	No approved proposal for 2018-19.	5.693 Ha
3n	Ore to OB ratio for the pit/mine during the year.	No approved proposal for 2018-19.	Nil
3o	Total area put in use under different heads at the end of year	No approved proposal for 2018-19.	6 Ha (approx.)
3p	Production of ROM mineral during the last five year period as applicable	Iron Ore: 2014-15 - 58995 Te 2015-16 - 51831 Te 2016-17 - 54306 Te 2017-18 - Nil 2018-19 - Nil Dolomite: 2014-15 - Nil 2015-16 - Nil 2016-17 - Nil 2017-18 - Nil 2018-19 - Nil	Iron Ore: 2014-15 - 51055 Te 2015-16 - 500 Te 2016-17 - 400 Te 2017-18 - Nil 2018-19 - Nil Dolomite: 2014-15 - Nil 2015-16 - Nil 2016-17 - Nil 2017-18 - Nil 2018-19 - Nil
3q	General remarks of inspecting officers on method of mining etc.		Mining operation was suspended from 22-02-2018.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No approved proposal	Seperate dumping of OB is maintained.	The lease was suspended on 22.02.2018 for non submission of Mining Plan. Thereafter, lease was recommeded for termination under Rule 12 (10) of MCR 2016 by this office 24.09.2018 to state DMG.
4b	Location of topsoil, OB and mineral reject dumps	No approved proposal	OB dump was maitained on the South eastern side	
4c	Number of dumps within lease area and outside of lease area	No approved proposal	One	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposal	Out side the UPL	
4e	Number of active and alive dumps.	No approved proposal	One no active dump	
4f	Number of dead dumps.	No approved proposal	Nil	
4g	Number of dumps established.	No approved proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposal	Retaining wall constructed.	
4i	Length of Retaining wall or garland drain all along dumps	No approved proposal	Length-160 m, Height-1m	
4j	Number of settling ponds	No approved proposal	One Check Dam constructed	
4k	Specific comments of inspecting officer on waste dump management			Retaining wall and check dam has been constructed at the toe of overburden dump.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No approved proposal	Mineral is yet to be mined upto UPL.	No part of the lease is completely mined out for carrying out backfilling activity.
5b	Area under backfilling of mined out area	No approved proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No approved proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No approved proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No part of the lease is completely mined out for carrying out backfilling activity.	

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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).	To be submitted in time		The lease was suspended on 22.02.2018 for non submission of Mining Plan. Thereafter, lease was recommended for termination under Rule 12 (10) of MCR 2016 by this office 24.09.2018 to state DMG.
6b	Area available for rehabilitation (ha) .	No approved proposal	Nil	
6c	afforestation done (ha).	No approved proposal	Nil	
6d	No. of saplings planted during the year	No approved proposal	Nil	
6e	Cumulative no .of plants	610 saplings	570 saplings	

6f	Any other method of rehabilitation	Not applicable	Nil
6g	Cost incurred on watch and care during the year	Not applicable	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No approved proposals	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved proposals	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No approved proposals	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved proposals	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No approved proposals	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No approved proposals	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No approved proposals	Nil



6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No approved proposals	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved proposals	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Retaining wall and check dam constructed at the toe of overburden dump. Also, plantation has been carried out in the 7.5m buffer zone area.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved proposals	Nil	Mine is not working.The lease was suspended on 22.02.2018 for non submission of Mining Plan. Thereafter, lease was recommeded for termination under Rule 12 (10) of MCR 2016 by this office 24.09.2018 to state DMG.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved proposals.	Nil	Manual method of grade wise sorting was being practiced earlier.
7c	Different grade of mineral sorted out at mines.	No approved proposals.	Nil	
7d	Any beneficiation process at mines	No approved proposals.	No beneficiation process is being practiced	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Mineral beneficiation is not required in this mine.
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved proposal.	Nil	Last approved SOM was for the period 201-13 to 2016-17.The lease was suspended on 22.02.2018 for non submission of Mining Plan. Thereafter, lease was recommeded for termination under Rule 12 (10) of MCR 2016 by this office 24.09.2018 to state DMG.
8b	Concurrent use or storage of topsoil	No approved proposal.	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved proposal.	There is one Separate OB dump	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved proposal.	Nil	No part of the lease area is mined out completely to take up restoration activity.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposal.	No part of the lease area is mined out completely to take up restoration activity.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		Stone crusing unit and pulverising unit is there nearby the lease.	
8g	Survival rate	No approved proposal	Nil	
8h	Water sprinkling on roads to control airborne dust		Water sprinkling not carried as mine is not working.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Plantation has been carried out over slope of overburden dumps and also in the 7.5m buffer zone boundary and at the mine entrance.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Returns not submitted.		The lease was suspended on 22.02.2018 for non submission of Mining Plan. Thereafter, lease was recommeded for termination under Rule 12 (10) of MCR 2016 by this office 24.09.2018 to state DMG.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Lessee has reported that due to suspension of Mining operations, no mining engineer and geologist is employed.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No submission	Not applicable	
9d	Scrutiny of Annual return on afforestation	No submission	Not applicable	

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No submission	Not applicable
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No submission	Not applicable.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No submission	Not applicable.
9h	Scrutiny of Annual return on fixed assets	No submission.	Not applicable.
9k	Scrutiny of Annual return on mining machineries	No submission.	Not applicable.

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**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