

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

**MCDR inspection REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/LST-153/HYD

**Mine code :** 38APR11091

- (i) Name of the Inspecting : **S41** ) **Y M SIVA PRASAD**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : S.Narayana Reddy. Lessees Represerntative.  
Official with  
Designation
- (iv) Date of Inspection : 08/09/2017
- (v) Prev.inspection date : 15/10/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **VENKATAPURAM(S.NO.83,85)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : VENKATAPURAM  
Taluka : BANAGANAPALLI  
Post office : VENKATAPURAM  
Pin Code : 518599  
FAX No. :  
E-mail :  
Phone : 08516-273815
- (f) Police Station :
- (g) First opening date : 26/06/1992
- (h) Weekly day of rest : SUN
2. Address for : VENKATAPURAM VILLAGE  
correspondance : KURNOOL DISTRICT  
ANDHRA PRADESH
3. (a) Lease Number : APR0141
- (b) Lease area : 4.19
- (c) Period of lease : 20
- (d) Date of Expiry : 09/03/2024
4. Mineral worked : CLAY (OTHERS) Associated  
LIMESTONE Main

## 5. Name and Address of the

Lessee : S.VENUGOPAL REDDY  
KURNOOL ANDHRA PRADESH  
Phone:  
FAX :

Owner : S.VENUGOPAL REDDY  
MINE OWNER, BETHAMCHERLA  
KURNOOL ANDHRA PRADESH  
Phone: 08516-273095,  
FAX :

## Manager

Name : K.V.RAMAN  
Qualification :  
Appointment/ : 01/04/2001  
Termination date

6. Date of approval of Mining : Renewal under rule 22 MCR1960 26/06/2002  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 21/03/2013

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 number of bore holes.	N I L	The lessee has submitted Form J to this office for the violation pointed out during the previous inspection. Violation of rule 47 of 2017 is again pointed out to lessee
1b	Exploration over lease area for geological axis 1 or 2	Geological Axis 1	N I L	The lessee has submitted Form J to this office.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	N I L	N I L	
1d	Balance area to be explored to bring Geological axis in 1 or 2	4.194 ha.	N I L	
1e	Balance reserve as on 01/04/20	248113 tonnes	166113 tonnes.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	South- East.	South- East.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	N I L	
2c	Stripping ratio or ore to OB ratio	1: 0.01	1 :0.01	
2d	Quantity of topsoil generation in m3	No proposals	N I L.	
2e	Quantity of overburden generation in m3	6500 tonnes	6300 tonnes	

## Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Two Pits.	Two Pits.	The mining operations were not carried out on day of Inspection. Lessee has submitted temporary discontinuence notice in Form- E U/R 28 (1) of MCDR 2017.
3b	Quantity of ROM mineral production proposed	73125 tonnes	82000 tonnes.	The lessee has despatched lime stone mineral from the stock. It has been checked from the register.
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	Mining operations are not carried out in the mine. Lessee submitted temporary discontinuence notice in Form - E under rule 28 of MCDR 2017.
3d	Quantity of mineral reject generation	No proposals.	N I L	
3h	Manual / Mechanised method adopted for segregating from ROM	Semi mechanised opencast mining method.	Semi mechanised opencast method.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	N I L	
3j	Provision of drilling and blasting in mineral benches	No proposals	N I L	As the formation is soft in nature. It can be dug directly by deploying Excavator without any drilling and blasting.
3k	Provision of mining machineries in mineral benches	Excavator machinery proposed.	Excavator machinery.	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3 meter bench height .	Suitable for method of minibg.
3m	Total area covered under excavation/pits	2.04 ha	2.04 ha
3n	Ore to OB ratio for the pit/mine during the year.	1 :0.01	1 : 0.01
3o	Total area put in use under different heads at the end of year	2.04 ha under mining operations, 0.0841 ha area for backfilled and 0.22 ha for afforestation.	2.04 ha under mining operations 0.22 ha for afforestation.
3p	Production of ROM mineral during the last five year period as applicable	2012-13 : 24638 tonnes.	2012-13- 26020 tonnes, 2013-14 : 79720 tonnes, 2014-15- 85450 tonnes, 2015-16- 79000 tonnes. and 2016-17- 82000 tonnes

2013-14 :  
70425 tonnes.

2014-15  
: 81788  
tonnes. 2015-16  
=71438 tonnes  
2016-17 :  
82000 tonnes.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	N I L	N I L	
4b	Location of topsoil, OB and mineral reject dumps	N I L	N I L	
4c	Number of dumps within lease area and outside of lease area	N I L	N I L	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N I L	N I L	
4e	Number of active and alive dumps.	N I L	N I L	
4f	Number of dead dumps.	N I L	N I L	
4g	Number of dumps established.	N I L	N I L	
4h	Whether Retaining wall or garland drain all along dumps are there.	N I L	N I L	
4i	Length of Retaining wall or garland drain all along dumps	N I L	N I L	
4j	Number of settling ponds	N I L	N I L	

#### 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 part / full extraction of mineral completed.	N I L	

5b	Area under backfilling of mined out area	Generated intercalated waste from the mine will be used for backfilling along either side of the cart road.	Intercalated waste material generated was backfilled along the either vside of the cart road.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	N I L	N I L
5d	Total area fully reclaimed and rehabilitated	Backfill the entire waste over an area of 0.332 ha.	Not yet completed.

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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).	Lessee has to submitt yearly repot as per statue.	Lessee has not submitted yearly reportfor the year 2016-17	The violation of rule 26(2)of MCDR 2017is pointed out to Lessee.
6b	Area available for rehabilitation (ha) .	0.332 ha .Intercalated waste will be backfilled along the either side of the cart track road.	Backfilled along the either side of the cart track road.	
6c	afforestation done (ha).			
6d	No. of saplings planted during the year	250 saplings	300 saplings	
6e	Cumulative no .of plants	1100 saplings	900 saplings	
6f	Any other method of rehabilitation	No proposals	N I L	
6g	Cost incurred on watch and care during the year	No proposed	N I L	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals	N I L
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM mineral will despatch to near by cement and other industries.	Entire ROM mineral will despatch to near by cement and other industries.	
7c	Different grade of mineral sorted out at mines.	No proposals	N I L	
7d	Any beneficiation process at mines	No proposals	N I L	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no generation of top soil in the mine.	N I L	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	N I L	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	6500 tonnes intercalated waste.	6000 tonnes intercalated waste has generated backfilled as per proposal.	

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		
8g	Survival rate	No proposal	80%

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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 returns & Annual return for he year has tosubmit as per statue.	Monthly returns and annualreturnfor theyear 2016-17 has been submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Shri T.VENKATA SUBBAIH as Mines Manager.	Shri T.VENKATA SUBBAIH as Mines Manager.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	2. 040 ha.	2. 0.040 ha	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs 180.00 as Ex-mine price.	Rs 180.00 Ex-mine price.	
9k	Scrutiny of Annual return on mining machineries	Hydraulic Shovel.	N I L	On the day of inspection mining opearations are not carried out in the mine.

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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
MCDR17	Rule 11(1)	01/11/2017			
MCDR17	Rule 11(4)	01/11/2017			

**Date :****(Y M SIVA PRASAD)**

Indian Bureau of Mines