

**INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

MCDR INSPECTION REPORT

Hyderabad regional office

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

Mine code : 38APR11091

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI.S.GANESH KUMAR REDDY, SON OF LESSEE
Official with
Designation
- (iv) Date of Inspection : 20/06/2013
- (v) Prev.inspection date : 11/06/2005

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM(S.NO.83,85)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village : VENKATAPURAM
Taluka : BANAGANAPALLI
Post office : VENKATAPURAM
Pin Code : 518599
FAX No. :
E-mail :
Phone : 08516-273815
- (e) Police Station :
- (f) First opening date : 26/06/1992
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 : 21/03/2013
 Plan/Scheme of Mining

PART - II : TECHNICAL DETAILS/COMMENTS

1. Details about Average employment :

Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
DIRECT		
Managerial	1	125
Supervisory	1	125
CONTRACT		
Workers	10	125

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
General					
Housing	0.00	0.00	0.00	0.00	0
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Sub total			0.00		
Total	0.00	0.00	0.00	0.00	

3. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.

No rules were found violated during earlier inspection. During current inspection rule 42(1)(c)(ii) & 45(5)(b)(viii) were found violated. However, party has submitted the Annual return in the mean time and hence rule 42(1)(c)(ii) has been pointed out to the party on 25.7.2013.

42(1)(ii) A part time Mining Engineer and a part time Geologist have not been employed as required under this rule.

4. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.

Not applicable

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
-------	----------	------------------	---------

A. Exploration (Rule 13)

- a.Type of prospecting : No proposal was made and exploration i.e. pitting, drilling 23 trail pits
- b.Total area covered : Not Applicable Not Applicable

B. Working (Rule 13)

- c.Ore to waste ratio : Not specific pit wise if possible otherwise for mine 1: 0.01
- b.Bench : 3m ht one bench 5m ht
size(LxWxH)length can be defined as regular/irregular
- a.Number and size of : Not specific each pit (LxWxH) One pit of 150*50*5m
- d.Total area covered : Not specific under excavation/pits 0.75 ha

C. Waste disposal (Rule 13)

- a.Location of dumps : Not specific Used for back filling on either side of the cart track
- b.Method of dumping : - whether advancing/retreat Not applicable
- c.Total area covered : - under waste dump. Not applicable
- d.No.and size of each : - waste dump with No of steps/lift/bench Not applicable
- e.Yearly generation : 2190 tonnes of waste quantity. 50 tonnes

RESERVE POSITION AS ON 01/04/2013

LIMESTONE		
Category	Quantity in Tonnes	Grade
Proved	333563	Cao-50.96 to 53.345, Mgo-0.20 to1.00%,Sio2-2.39 t
Probable	0	
Possible	141188	Cao-50.96 to 53.345, Mgo-0.20 to1.00%,Sio2-2.39 t
Total	474751	Cao-50.96 to 53.345, Mgo-0.20 to1.00%,Sio2-2.39 t
CLAY (OTHERS)		
Category	Quantity in Tonnes	Grade
Proved	50700	Cao-44.80 to 48.16%,Mgo-0.10 to 1.20, Sio2-3.98 t
Probable	0	
Possible	16459	
Total	67159	

PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013

		Unit
Mineral	LIMESTONE	26020 TON
	CLAY (OTHERS)	0 TON

6. Conservation of Mineral - both quantitative and qualitative**Beneficiation (Rule 20 and 26)**

Efforts for improving low grade and sub grade mineral. : Not applicable

Efforts for improving percentage of recovery of ore. : Not applicable

Mineral Rule 15

Percentage of recovery of ore pitwise w.r.t. ROM and total material : 90%

Number of benches in ore and waste. : One bench in ore

Sub/grd mineral/fines (Rule16)

Qty of yearly generation and total qty available during inspection with grade : Not applicable

Number and size of each stack : Not applicable

Location of stacking. : Not applicable

Separate stacking from waste : No sub grade is available

Total area covered for stacking : Not applicable

Exploration data as on 31/03/ 2013

No. of Boreholes	No. of Pits	No. of Trenches
0	23	0

OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013

Overburden/waste removed (in m3) :	20
------------------------------------	----

Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)

7. Environment Management - both quantitative and qualitativ**A. Land environment**

- a. Landscape. : The ML area is a plain land
- b. Aesthetic environment : Not significant
- c. Soil and land use pattern : There is no soil cover in the lease area. However there is a white clay of 0.3 to 0.5m thickness
- d. Agriculture : The ML area is surrounded by agricultural and waste land.
- e. Forest(flora and fauna) : No Flora & fauna is found in the vicinity of ML area.
- f. Vegetation : No vegetation is found
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No such places arwe found in the vicinity of ML area

B Water environment.

- a. Surface water : One water tank is available in the north side of lease boundary
- b. Ground water : Good
- c. Quality of water : Good

C. Air environment

- a. Noise : There is no much noise pollution due to small scale mining
- b. Air : There is no much air pollution due to small scale mining
- c. Climatic condition : -

D. Socio economic environment

- a. Social and demographic profile. : Agriculture is the main occupation to the local villagers
- b. Recommending health and safety. : Helmets are being provided to the workers
- c. Human settlement : There are 7 villages within the buffer zone of 5km with a total population of 10,700
- d. Recreational facility. : Banaganapalli is the nearest town which is at a distance of 6.5 km from the mine where all recreational facilities are available

7.1 Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

<u>Water Management</u>					
Season	Station type	Station name	Parameter	Value	
				Actual	Excess

<u>Air data for excess parameters</u>					
Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

Within lease area			Outside lease area			Area in Hect.
Area	Trees planted	Survival rate	Area	Trees planted	Survival rate	
.01	75	70				

TOP SOIL MANAGEMENT

Quantity as on 31/03/2013

8. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

RESERVES:

PROVED-

PROBABLE-

RESOURCES-

Production-26020 tonnes

Despatches-5050 tonnes

Closing stock-400 tonnes

Cost/tonne-120/-

PART - III : PERFORMANCE OF MINE OWNER
(In case of lease expiring within 2 years - as per guidelines)

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

NIL

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

NIL

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

NIL

Date :

(Ch.Suseela)

Indian Bureau of Mines