

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/DOL-21/HYD

Mine code : 19APR11021

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SMT.D.LAXMI DEVI, LESSEE & SRI.BALA SUBBA REDDY SUPER
Official with
Designation
- (iv) Date of Inspection : 19/06/2013
- (v) Prev.inspection date : 06/06/2007

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LAXMI DEVI (4.524 H)MALKA**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : MALKAPURAM
- Taluka : DHONE
- Post office : MALKAPURAM
- Pin Code : 518222
- FAX No. :
- E-mail :
- Phone :
- (e) Police Station : BETHAMCHERLA
- (f) First opening date : 01/04/2006
2. Address for : D.LAXMI DEVI
correspondance BOMMALASATRAM VILLAGE
H.NO.661-4A-30,NANDYAL R.S.,KURNOOL DISTRICT.
3. (a) Lease Number : APR2687
- (b) Lease area : 4.52
- (c) Period of lease : 20
- (d) Date of Expiry : 03/02/2025
4. Mineral worked : DOLOMITE Main

5. Name and Address of the

Lessee : D.LAXMI DEVI
 MINE OWNER, BOMMALASATRAM,
 BEHIND R&B GUEST HOUSE
 H.NO.661-4A-30, NANDYAL
 R.S. KURNOOL ANDHRA PRADESH
 Phone:
 FAX :

6. Date of approval of Mining :
 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	196
Supervisory	1	196
CONTRACT		
Workers	15	196

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	
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.

During earlier inspection, Rule 13(1) was found violated. During current inspection also, Rule 13(1) was found violated and pointed out to the party . 13(1): The Mining operations are not being carried out as per the approved Scheme of mining approved vide letter No.6013/MS-KNL/2011 dated 27.12.2011 for the period 2011-12 to 2015-16 as given below:

Against proposal of mining operations by manual method, the mining operations were being carried out by deploying machinery such as excavator and tippers etc

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.

N.A.

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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A. Exploration (Rule 13)

a.Type of prospecting : No proposal was Nil
and exploration i.e. made.
pitting, drilling

b.Total area covered : N.A. N.A.

B. Working (Rule 13)

c.Ore to waste ratio : 1 : 0.05 1 : 0.05
pit wise if possible
otherwise for mine

b.Bench : Two benches of 6mt Single bench of 7m Bench formation
size(LxWxH)length can height each. height. is under
be defined as process.
regular/irregular

a.Number and size of : Not specific 270x55x7m
each pit (LxWxH)

d.Total area covered : Not specific 1.49
under excavation/pits

C. Waste disposal (Rule 13)

a.Location of dumps : Buffer zone Southern side of M L in
(southern side) buffer zone.

b.Method of dumping : Advancing Advancing
whether
advancing/retreat

c.Total area covered : - 0.018 ha
under waste dump.

d.No.and size of each : - One dump of 2mt height.
waste dump with No of
steps/lift/bench

e.Yearly generation : 1886 cubic meter 1000 tonnes
of waste quantity.

<u>PRODUCTION FOR THE PREVIOUS YEAR /</u>	
Mineral	Production

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 : 95%

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 : N.A.

Number and size of each stack : N.A.

Location of stacking : N.A.

Separate stacking from waste : No sub grade is being generated.

Total area covered for stacking : N.A.

Exploration data as on 31/03/

No. of Boreholes	No. of Pits	No. of Trenches
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OVERBURDEN HANDLED DURING PREVIOUS YEAR -

Utilisation of Sub Grade Mineral and Mineral Rejects

Generated	Utilised	Stacked	(In Ton.)
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7. Environment Management - both quantitative and qualitativ

A. Land environment

- a. Landscape. : The mining lease area is a plain and with gentle slope. There is maximum relief of 6m from NW to SE of the area.
- b. Aesthetic environment : There is no specific aesthetic environment in the mine.
- c. Soil and land use pattern : The mining lease area was used for agriculture purpose before commencement of mining operations.
- d. Agriculture : Now the M L area is under mining activities and there is no agriculture use.
- e. Forest(flora and fauna) : The M L area is non forest land and no flora and fauna are found in area.
- f. Vegetation : Area is devoid of any vegetation.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : No such places are found in and around the M L area.

B Water environment.

- a. Surface water : There is no perennial water source inand around the mining lease.
- b. Ground water : Water table is below 60m from surface and the mining activity will not effect the water table.
- c. Quality of water : There is no accumulation of water in working pit. Rain water gets accumulated in rainy season for few days.

C. Air environment

- a. Noise : There is no significant noise pollution since the mining operations are on a small scale.
- b. Air : There is no significant air pollutin since the mining operations are on a small scale.
- c. Climatic condition : Area has a tropical climate. Max. temp is 45 degree centigrade and minimum temp is 13 degree centigrade. Average rainfall is 250mm.

D. Socio economic environment

- a. Social and demographic profile. : Main occupation of people of this area is agriculture and animal rearing.
- b. Recommending health and safety. : No such recommendations are proposed.
- c. Human settlement : There is no human settlement in and around the mine.
- d. Recreational facility. : Recreational facilities are available at Dhone.

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.

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

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR

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Area in Hect.

TOP SOIL MANAGEMENT

Quantity as on 31/03/

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

Year 2012-13	Production - 88030 t
	Despatches - 89600 t
	Proved - 186042 t
	Probable - 305370 t
	Possible - 305370 t
PMV-Rs. 179/-	
Cost/t-149/-	
Closing stock-600 t	

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.)

A letter is being issued to the State Govt. for erection of boundary pillars.
The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

Nil

Date :

(Ch.Suseela)

Indian Bureau of Mines