

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/YO-21/HYD

**Mine code :** 44APR11011

- (i) Name of the Inspecting : **PR09** ) **M.Pratap.Reddy**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : RAMESH GEOLOGIST  
Official with  
Designation
- (iv) Date of Inspection : 30/05/2013
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SRI LAXMI MINERALS**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : KOLUGUTLA  
Taluka :  
Post office : DHONE  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (e) Police Station :
- (f) First opening date : 21/06/1991
2. Address for :  
correspondance
3. (a) Lease Number : APR1305  
(b) Lease area : 15.19  
(c) Period of lease : 20  
(d) Date of Expiry : 20/06/2021
4. Mineral worked : OCHRE Main

## 5. Name and Address of the

Lessee : NARAYAN SETTY  
KURNOOL ANDHRA PRADESH  
Phone:  
FAX :

Owner : NARAYAN SETTY  
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
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**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	
<b>General</b>					
Housing	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sanitation	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
<b>Sub total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>Infrastructure</b>					
<b>Sub total</b>			<b>0.00</b>		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	

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

During the previous MCDR inspection, no violation of MCDR 1988 was found violated. During the present Inspection Rule 12(3), 13(1) and 23(F) of MCDR 1988 were found violated.

**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.**

A violation cum show cause notice for violation of Rule 12(3), 13(1) and 23(F) of MCDR 1988 was issued on 29.7.2013. The lessee did not comply with the Violations with in a stipulated period and the mining operations have been suspended on 27.9.2013

## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
<b>A. Exploration (Rule 13)</b>			
a.Type of prospecting and exploration i.e. pitting, drilling	: No valid approved proposals exists	No exploration by means pitting, drilling etc is carried out.	
b.Total area covered	: No valid approved proposals exists	Nil	
<b>B. Working (Rule 13)</b>			
a.Number and size of each pit (LxWxH)	: No valid approved proposals exists	There exists three pits on the South-Western part of the ML area with the following dimensions: i) Pit-1- 30 m L X 15-20 m W X 4-6m depth. ii) Pit--2= 15m L X 5m W x 2 m D iii) Pit-3= 25m L X 20m W x 3-5 m D	
b.Bench size(LxWxH)length can be defined as regular/irregular	: No valid proposals exists	Regular	
c.Ore to waste ratio pit wise if possible otherwise for mine	: No valid proposals exists	The ore to overburden ratio is negligble.	
d.Total area covered under excavation/pits	: No valid proposals exists	0.108 ha	
<b>C. Waste disposal (Rule 13)</b>			
a.Location of dumps	: No valid proposals exists	There is no dump exists.	
e.Yearly generation of waste quantity.	: No valid proposals exists	Nil	
b.Method of dumping whether advancing/retreat	: No valid proposals exists	Does not arise since there is no dump.	
c.Total area covered under waste dump.	: No valid proposals exists	Nil.	
d.No.and size of each waste dump with No of steps/lift/bench	: No valid proposals exists	Nil	
<b>D. Production</b>			
b.Year wise production of last five year.	: No valid approved proposals exists for the years 2008-09 to 2012-13	Yearwise production: 2008-09=1217, 2009-10=2931 T, 2010-11=3578 T, 2011-12=4095 T, 2012-13=3699T	
<b>D. Reserve</b>			
a.Reserve position as per latest MP/MS and at the time of	: No valid reserve estimation is done since there is no	No fresh estimation of reserve is attempted in the absence updated	The approved proposals of the Mining Plan

inspection.

valid Scheme of  
Mining/Mining Plan  
exists

survey. However as per  
the MCDR inspection  
dated 27.7.1995, the  
resrve of Yellow Ochre  
stands at 1,95,000 T and  
Silica Sand at  
1,20,000T.

is lapsed on  
31.3.1993

<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. : No efforts being required for improving the grade as such no low grade and sub grade mineral exists.

Efforts for improving percentage of recovery of ore. : No efforts being required for improving the grade as such no low grade and sub grade mineral exists.

**Mineral Rule 15**

Percentage of recovery of ore : 95% of ROM  
pitwise w.r.t. ROM and total material

Number of benches in ore and waste. : one bench in ore and one more bench in waste

**Sub/grade mineral/fines (Rule 16)**

Qty of yearly generation and total qty available during inspection with grade : Nil

Number and size of each stack : Nil

Location of stacking. : As there is no sub grade and the location of the same does not arise.

Separate stacking from waste : There is no sub grade mineral exists in the ML area

Total area covered for stacking : Nil

**Exploration data as on 31/03/**

No. of Boreholes	No. of Pits	No. of Trenches
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<b><u>OVERBURDEN HANDLED DURING PREVIOUS YEAR</u></b>	<b><u>-</u></b>
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**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 ML area is a moderately elevated mound with degraded land.
- b. Aesthetic environment : No aesthetic environment prevails in the ML area.
- c. Soil and land use pattern : No soil exists in the ML area..The ML area is a degraded land.
- d. Agriculture : No agriculture land exists in the Core area. However seasonal crops and mango gardens are grown in the buffer zone.
- e. Forest(flora and fauna) : The ML area falls in the non forest area
- f. Vegetation : Thorny bushes exists in the ML area.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : There are no Public building, places and monuments (protected, historical), placec of worship and places of tourist either in the core zone or in the buffer zone.

### B Water environment.

- a. Surface water : There are no surface water courses either in the core or in the buffer zone.
- c. Quality of water : There is no impact on the quality of the ground wateras the mining operations are above the ground water level.

### C. Air environment

- a. Noise : The mining operations are of manual nature where in nature except the jack hammer drilling . The noise generated during such drilling is with in permissible limits.
- b. Air : The mining operations are of manual nature and the qualty of the air is not effected by these tiny operations.
- c. Climatic condition : The area falls in tropical climatic coditions. The maximum temperature in summer rises to 46 degree centigrade and in winter it falls to 10 degree centigrade.The average rain fall is around 70 cm.

### D. Socio economic environment

- a. Social and demographic profile. : There are about 7 habitanats around the ML area where people practice agriculture for their livelihood
- b. Recommending health and safety. : There are no facilities in the core zone.These facilities are available at Veldurthy which is a mandal head quarter.
- c. Human settlement : There are no human settlements in the core zone. However there are seven habitanats with a population range of 500- 3000 with in a5 km radiusm in the buffer zone.
- d. Recreational facility. : Recreation facilties are available at Veldurthy Mandal Head Quarter.

#### 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

<u>PLANTATION DURING THE PREVIOUS YEAR</u>			-	Area in Hect.
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<u>TOP SOIL MANAGEMENT</u>	
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.

Annual return for the year 2012-13 has been submitted and found to be in order.-----  
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**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 :

(M.Pratap.Reddy)

Indian Bureau of Mines