

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/YO-23/HYD

Mine code : 44APR11012

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SHAIK SHA REPRESENTATIVE
Official with
Designation
- (iv) Date of Inspection : 29/05/2013
- (v) Prev.inspection date : 09/09/2004

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KALUGUTLA (S.NO.850)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (e) Police Station :
- (f) First opening date : 09/01/1999
2. Address for :
correspondance
3. (a) Lease Number : APR1981
- (b) Lease area : 1.32
- (c) Period of lease : 20
- (d) Date of Expiry : 08/01/2019
4. Mineral worked : OCHRE Main
SHALE Associated
QUARTZ Associated

5. Name and Address of the

Lessee : B.DASARATHA RAMI REDDY
 10/107 VELDURTHI KURNOOL
 ANDHRA PRADESH
 Phone:
 FAX :

Owner : B.DASARATHA RAMI REDDY
 10/107,VELDURTHY (PO)
 KURNOOL ANDHRA PRADESH
 Phone: 275739
 FAX :

6. Date of approval of Mining : 28/09/1998
 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	
General					
Sanitation	0.00	0.00	0.00	0.00	
Water supply	0.00	0.00	0.00	0.00	
Safety	0.00	0.00	0.00	0.00	
Health	0.00	0.00	0.00	0.00	
Housing	0.00	0.00	0.00	0.00	
Medical facility	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Infrastructure					
Public transport	0.00	0.00	0.00	0.00	
Sub total	0.00	0.00	0.00	0.00	
Training	0.00	0.00	0.00	0.00	
Employment	0.00	0.00	0.00	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 the previous MCDR inspection, violation of Rule 12(3), 42(1)(b)(ii) and 45(1)(a) of MCDR 1988 were found violated which have not been complied yet. During the current Inspection Rule 12(3), 13(1), 23(F), 45(5)(a)(viii) and 45(5)(b)(viii) 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), 42(1)(b)(ii) and 45(1)(a) of MCDR 1988 was issued on 29.7.2013. The lessee did not comply with the Violations in a stipulated period and the mining operations have been suspended on 27.9.2013

5. Scientific Mining

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
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. Working (Rule 13)			
a.Number and size of each pit (LxWxH)	: No valid approved proposals exists	One pit with a dimension of 30m Lx 15m-20m Wx 3m to 6m depth	
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 negligisble.	
d.Total area covered under excavation/pits	: No valid approved proposals exists	0.06 ha	
C. Waste disposal (Rule 13)			
a.Location of dumps	: There are no valid approved proposals exists.	No dump exists in the ML area.	
e.Yearly generation of waste quantity.	: No valid approved proposals exists.	Not applicable since there is no waste material exists.	
b.Method of dumping whether advancing/retreat	: No valid approved proposals exists.	Not applicable since there is no waste material.	
c.Total area covered under waste dump.	: No valid approved proposals exists.	Not applicable since no dump exists.	
d.No.and size of each waste dump with No of steps/lift/bench	: No valid approved proposals exists.	Not applicable	
D. Production			
b.Year wise production of last five year.	: No valid approved production proposals exists for the years 2008-09 to 2012-13	Yearwise production: 2008-09=0 T, 2009-10=0 T, 2010-11=1270 T, 2011-12=1032 T, 2012-13= 0 T	A violation of Rule 45(5)(b)(viii) has been pointed out.
D. Reserve			
a.Reserve position as per latest MP/MS and at the time of inspection.	: No valid reserve estimation is done since there is no valid Scheme of Mining/Mining Plan exists	No fresh estimation of reserve is attempted in the absence updated survey. However as per the approved mining Plan vide lr.no. AP/KNL/MP/YO-5/Hyd dated 28.9.1998, the resrve of	The approved proposals of the Mining Plan is lapsed on 31.3.1993

Yellow Ochre stands at
1,05,600 T..

PRODUCTION FOR THE PREVIOUS YEAR / -	
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 percentage of recovery of ore.

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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<u>OVERBURDEN HANDLED DURING PREVIOUS YEAR</u>	<u>-</u>
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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 except a small seasonal nallah.south-western part.
- b. Ground water : The Ground water is reported at a depth of 30m from the ground level.
- 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>			<u>-</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.

No monthly return and Annual return have been submitted since commencement of the mining operations.

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