

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

**MCDR INSPECTION REPORT**

**Bangalore regional office**

**Mine file No :** KNT/MYS/FELSITE/7/BNG

**Mine code :** 21KAR14001

- (i) Name of the Inspecting : **P018** ) **N. S. P. RAO**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : **SRI.ARVIND LADDAH, PARTNER**  
Official with  
Designation
- (iv) Date of Inspection : 21/03/2013
- (v) Prev.inspection date : 18/02/2012

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAGANAHALLI ML.1629(50A)**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address  
State : KARNATAKA  
District : MYSORE  
Village : NAGANAHALLI  
Taluka : MYSORE  
Post office : MYSORE  
Pin Code : 570004  
FAX No. :  
E-mail :  
Phone :
- (e) Police Station : MYSORE
- (f) First opening date : 28/09/1979
2. Address for : M/S PARAMA SHIVA MINING ENTERPRISES,  
correspondance NO21, CHIKKAADUGODI,  
TAVAREKERE MAIN RD,BANGALORE-560029.
3. (a) Lease Number : KAR0592
- (b) Lease area : 72.02
- (c) Period of lease : 20
- (d) Date of Expiry : 27/09/1999
4. Mineral worked : FELSITE Main

## 5. Name and Address of the

Lessee : PARAMASHIVA MINING ENTERPRISES  
 NO.21, CHIKKA ADUGODI,  
 TAVAREKERE MAIN ROAD,  
 BANGALORE BANGALORE  
 KARNATAKA  
 Phone:  
 FAX :

Owner : PARAMASHIVA MINING ENTERPRISES  
 NO.21, CHIKKA ADUGODI,  
 TAVAREKERE MAIN ROAD,  
 BANGALORE - 560029  
 BANGALORE KARNATAKA  
 Phone:  
 FAX :

Manager

Name : NAGARAJ

Qualification :

Appointment/ :

Termination date

6. Date of approval of Mining : 02/06/2008  
 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**

<b>Employment category</b>	<b>No.of employment</b>	<b>Av. yearly working days</b>
<b>DIRECT</b>		
Managerial	1	250
Others	2	250
Workers	8	250
Supervisory	1	250

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>					
Water supply	0.00	0.00	0.00	0.00	
Housing	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>Environment management</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>3.40</b>	
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>1.00</b>	<b>3.40</b>	

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

During the last inspection no violations were pointed out . The provisions of rule 12(3) & 13(1) of MCDR 1988, have been found violated.

If the mine ever prosecuted then date of last judgement with rules for which prosecution launched

Date of Decision : 30/05/1998 Result : Compounded Details :

Fine imposed/Compounding fees collected: 1000 Rules : Rule 11

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.

No such recommendation have been made under 56 of MCDR 1988.  
Not applicable.

## 5. Scientific Mining

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

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

b.Total area covered : - -

**B. Working (Rule 13)**

a.Number and size of : One pit at the  
each pit (LxWxH) central of the ML  
measuring  
100mx50mx5m deep Developed one pit at the  
central of the ML  
measuring 50mx15mx3m  
deep only.

b.Bench : 100m long, 1.5m  
size(LxWxH)length can high 1.5m wide.  
be defined as Developed 50m long, 1.5  
regular/irregular m high & 1.5m wide,  
benches are found to be  
regular in shape & size.

c.Ore to waste ratio : 1:0.5  
pit wise if possible 1:0.5  
otherwise for mine

d.Total area covered : 100mx50m  
under excavation/pits 50mx15m only

**C. Waste disposal (Rule 13)**

a.Location of dumps : Proposed at the  
northern end of Small dump found at the  
the ML northern end of the pit.

e.Yearly generation : 1000MT  
of waste quantity. No work was reportedly  
carried out during 2010-  
11

b.Method of dumping : Not specified  
whether No specific method  
advancing/retreat followed

c.Total area covered : 50mx50m  
under waste dump. 15mx10m only

d.No.and size of each : One, 50x50m  
waste dump with No of One, n15mx10m, no step  
steps/lift/bench

**D. Production**

b.Year wise : 2007-08- 5100 2006-07-325 T  
production of last 2008-09-5100 2007-08- 350  
five year. 2009-10-5100 2008-09-325  
2010-11- NA 2009-10-295  
2011-12- NA 2010-11-NIL  
2012-13- NA 2011-12-NIL  
2012-13- NIL

**D. Reserve**

a.Reserve position as : 405000 TONNES(111) 405000 TONNES(111)  
per latest MP/MS and  
at the time of  
inspection.

RESERVE POSITION AS ON 01/04/2012

<b>FELSITE</b>		
Category	Quantity in Tonnes	Grade
Proved	405000	
Probable		
Possible		
Total	405000	

**PRODUCTION FOR THE PREVIOUS YEAR 2011 - 2012**

Mineral	Production	Unit
FELSITE	0	TON

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

Efforts for improving low :  
grade and sub grade mineral.

Efforts for improving :  
percentage of recovery of  
ore.

**Mineral Rule 15**

Percentage of recovery of ore : 60% of the total materials.  
pitwise w.r.t. ROM and total  
material

Number of benches in ore and : One in ore & one in OB developed.  
waste.

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

Qty of yearly generation and : Last year there was no mining activity. During the  
total qty available during : time of inspection 150-200 MT only of Rom must have  
inspection with grade : been stacked.

Number and size of each stack : One only as stated above.

Location of stacking. : At the lower level & south entry of the ML.

Separate stacking from waste : OB & ore stacks are maintained separately.

Total area covered for : 20mx5mx1m only.  
stacking

**Exploration data as on 31/03/ 2012**

No. of Boreholes

No. of Pits

No. of Trenches

**OVERBURDEN HANDLED DURING PREVIOUS YEAR 2011 - 2012****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. : Not affected by this small scale & irregular mining.
- b. Aesthetic environment : Not affected.
- c. Soil and land use pattern : Natural drainage pattern is not affected by this mining.
- d. Agriculture : There are very few scattered cultivations & are not affected by this mining.
- e. Forest(flora and fauna) : No significant flora & fauna & are not affected as well.
- f. Vegetation : Sacnty bushes here & there.
- h. Public building, places and monuments (protected, historical), placec of worship and places of tourist : None to be found at the buffer zone itself.

### B Water environment.

- a. Surface water : Not affected.
- b. Ground water : Not encountered so far.
- c. Quality of water : Potable.

### C. Air environment

- a. Noise : Noise levels are within the permissible limits.
- b. Air : Air levels are within the permissible limits.
- c. Climatic condition : Not affected

### D. Socio economic environment

- a. Social and demographic profile. : The villagers are cultivators & are not affected by this mining.
- b. Recommending health and safety. : None as of now.
- c. Human settlement : Scattered villagers.
- d. Recreational facility. : None

## 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>				Value	
Season	Station type	Station name	Parameter	Actual	Excess

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

<u>PLANTATION DURING THE PREVIOUS YEAR</u>		<u>2011 - 2012</u>
		Area in Hect.

<u>TOP SOIL MANAGEMENT</u>
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Quantity as on 31/03/2012



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

The annual return for the 2011-12 has been scrutinised and the following observations were made.

Nil production for the year 2011-12 due to mines & geology survey clearance awaited.

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

a. Compliance of terms and conditions of lease deed.

NA

b. Compliance of the provisions of MCDR, 88 and advise given.

NA

c. Conduct with regard to adoption of safety measures and forest wealth, ecology and environment in the mining lease area.

NA

d. Whether the mine owner has carried out exploration and exploitation on the basis on surface mapping, pitting, trenching and core drilling taking in to consideration the mode of occurrences of mineral deposit.

NA

e. Whether production from mining area is commensurate with the reserves and the long term progress of utilization of mineral.

NA

f. Whether adequate investment has been made by the lessee on the development of mine on mining machinery, operational and administrative building, residential accommodation for the employees.

NA

g. Measures taken by the lessee for protection of environment and ecology.

NA

h. In case leases where the mineralisation tends to exhaust within the present period, the status of closing operation in phases and the special issues including human issues to be addressed at the time of closing of mine.

NA

**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 :

(N. S. P. RAO)

Indian Bureau of Mines