

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

**MCDR INSPECTION REPORT**

**Bhubaneshwar regional office**

**Mine file No :** ORI/PPL/KJR/MCDR-6/BBS

**Mine code :** 48ORI08003

- (i) Name of the Inspecting : **DEY** ) **NARENDRA MOHAN DEY**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : **SHRI S S BEHERA MINES MANAGER**  
Official with  
Designation
- (iv) Date of Inspection : 11/04/2013
- (v) Prev.inspection date : 11/12/2007

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MADRANGAJURI**
- (b) Category : B Manual
- (c) Type of Working : Opencast
- (d) Postal address
- State : ORISSA
- District : KEONJHAR
- Village : MADRANGAJURI
- Taluka : SADAR K. J. R.
- Post office : MAHADEIJODA
- Pin Code : 758013
- FAX No. : 06582-52596
- E-mail :
- Phone : 06582-52596/52097/52714
- (e) Police Station :
- (f) First opening date : 20/09/1983
2. Address for : MADRANGAJURI PYRPHYLLITE MINE, M/S B.L.NEWATIA  
correspondance P.O.MAHADEIJODA, DIST: KEONJHAR  
ORISSA-758013
3. (a) Lease Number : ORI0253
- (b) Lease area : 53.8
- (c) Period of lease : 20
- (d) Date of Expiry : 22/02/2002
4. Mineral worked : QUARTZITE Associated  
PYROPHYLLITE Main

## 5. Name and Address of the

Lessee : Sri B.L NEWATIA  
 At :Toongri PO Chaibasa  
 SINGHBHUM (EAST) JHARKHAND  
 Phone:06582-56596,56097  
 FAX :06582-56096

Owner : Sri B.L Newatia  
 AT: Toongri PO: Chaibasa  
 SINGHBHUM (EAST) JHARKHAND  
 Phone: 06582-56596,560  
 FAX : 06582-56096

Agent : Sri N.M Das  
 C/O B.LNewatia At : toongri  
 PO:Chaibasa SINGHBHUM  
 (EAST) JHARKHAND  
 Phone: 06582-52596/52097/52714, 06582-56854  
 FAX : 06582-52596

## Mining Engineer

Name : N.ROUTHRAY,Full Time  
 Qualification : AMIE  
 Appointment/ :  
 Termination date

## Geologist

Name : N.M.DAS,Full Time  
 Qualification : Msc (Geology)  
 Appointment/ :  
 Termination date

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
<b>DIRECT</b>		
<b>Managerial</b>	1	
<b>Others</b>	1	
<b>Supervisory</b>	2	

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			MINE IS SUSPENDE
Sub total		0.00			
<b>Infrastructure</b>					
Sub total			0.00		
<b>Total</b>			0.00		

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

NO OUTSTANDING VIOLATIONS.

DURING CURRENT INSPECTION NO VIOLATION WAS POINTED OUT.

MINING OPERATION IS SUSPENDED SINCE 27.10.2009 BY GOVT. OF ODISHA.

SCHEME OF MINING APPROVED ON 14.07.2011 IS VALID UPTO 2013-14.

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, 19888, if recommended.

## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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## D. Production

b.Year wise production of last five year.	: 2009-10: PYROPHYLLITE: 24225, QUARTZITE: 13260 2010-11: PYROPHYLLITE: 21405, QUARTZITE: 16065 2011-12: PYROPHYLLITE: 18278, QUARTZITE: 7293 2012-13: PYROPHYLLITE: 15790, QUARTZITE: 11900,	2009-10: PYROPHYLLITE : 11861, QUARTZITE: 1051 2010-11: NIL, 2011- 12:NIL, 2012-13:NIL	PRESENTLY MINE IS UNDER SUSPENSION SINCE 27.10.2009 BY GOVT. OF ODISHA.
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## D. Reserve

a.Reserve position as per latest MP/MS and at the time of inspection.	: PYROPHYLLITE : PROVED: 4944261 TONNE , QUARTZITE: PROVED: 10671182 TONNE, AS PER LATEST SCHEME OF MINING APPROVED ON 14.07.2011 BY JOINT DIRECTOR GEOLOGY, DIRECTORATE OF GEOLOGY , GOVT. OF ODISHA .	FOR THE PERIOD 2009-10 TO 2013-14.	PRESENTLY MINING OPERATION IS SUSPENDED SINCE 27.10.2009 BY GOVT. OF ODISHA .
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RESERVE POSITION AS ON 01/04/2013

<b>QUARTZITE</b>		
Category	Quantity in Tonnes	Grade
Proved	10671182	+96.75% OF SiO <sub>2</sub>
Probable		
Possible		
Total	10671182	
<b>PYROPHYLLITE</b>		
Category	Quantity in Tonnes	Grade
Proved	4944261	+21.28% OF Al <sub>2</sub> O <sub>3</sub>
Probable		
Possible		
Total	4944261	

PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013

		Unit
Mineral	PYROPHYLLITE	0 TON
	QUARTZITE	0 TON

**6. Conservation of Mineral - both quantitative and qualitative****Mineral Rule 15**

Percentage of recovery of ore : PRESENTLY MINE IS UNDER SUSPENSION SINCE 27.10.2009 BY  
 pitwise w.r.t. ROM and total GOVT. OF ODISHA.  
 material

Number of benches in ore and : NUMBER OF BENCHES IN ORE 4 AND WASTE 2  
 waste.

<u>Exploration data as on 31/03/ 2013</u>		
No. of Boreholes	No. of Pits	No. of Trenches

<u>OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013</u>
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<u>Utilisation of Sub Grade Mineral and Mineral Rejects</u>			
<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	<u>(In Ton.)</u>

7. Environment Management - both quantitative and qualitativ

A. Land environment

a. Landscape. : ALREADY FURNISHED IN LAND DETAILS.

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>2012 - 2013</u>	Area in Hect.
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<u>TOP SOIL MANAGEMENT</u>
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.

ANNUAL RETURN FOR THE YEAR 2011-12 HAS BEEN RECEIVED.

MINING OPERATION IS UNDER SUSPENSION SINCE 27.10.2009 BY GOVT OF ODISHA.

HENCE NO PRODUCTION SINCE THEN.

FIXED ASSETS: 286476000 RUPEES.



**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.**

BOUNDARY PILLARS 12, 11, 10, 9, 8, 7, 6 & 5 WERE VARIFIED.  
LATITUDE AND LONGITUDE ARE NOT MENTIONED IN THE BOUNDARY PILLAR.

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

MINE IS SUSPENDED SINCE 27.10.2009 BY GOVT. OF ODISHA.  
DURING CURRENT INSPECTION NO VIOLATION WAS POINTED OUT.  
HOWEVER MINES MANGER WAS ADVISED TO WRITE THE LATITUDE AND LONGITUDE ON THE BOUNDARY PILLAR.

**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.**

WITHIN THE PRESENT PERIOD THE MINERALISATION WILL NOT EXHAUST, SO THE CLOSING OPERATION IN PHASES DOES NOT ARISE.

**PART - IV : PROPOSALS FOR FURTHER ACTION FOR :**

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

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

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

Date :

(NARENDRA MOHAN DEY)

Indian Bureau of Mines