

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

**MCDR INSPECTION REPORT**

**Bangalore regional office**

**Mine file No :** KRL/QLN/MIN-SAND-8/BNG

**Mine code :** 55KRL09003

- (i) Name of the Inspecting : **J002** ) **V.D.JALNAPURKAR**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : **SRI.G.K.GAIKWAD, Dy Manager(mines).**  
Official with  
Designation
- (iv) Date of Inspection : 21/12/2013
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NK BLOCK IV EE ILMENITE M**
- (b) Category : A Other than Fully Mech.
- (c) Type of Working : Opencast
- (d) Postal address
- State : KERALA
- District : KOLLAM
- Village : ALAPPAD
- Taluka : KARUNAGAPALLY
- Post office : CHERIAZHEKAL
- Pin Code : 691583
- FAX No. : 0476 - 2680141
- E-mail :
- Phone : 0476 - 2680701 TO 5
- (e) Police Station : KARUNAGAPALLY
- (f) First opening date : 20/11/2011
2. Address for : CHAVARA P O  
correspondance KOLLAM - 691583
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : ILMENITE Associated

## 5. Name and Address of the

Lessee : INDIAN RARE EARTHS LIMITED  
 CHAVARA, KOLLAM, KOLLAM  
 KERALA  
 Phone:0476-680701,680702  
 FAX :0476-680141

Owner : INDIAN RARE EARTHS LIMITED  
 CHAVARA, KOLLAM, KOLLAM  
 KERALA  
 Phone: 0476-680701,680  
 FAX : 0476-680141

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	
General					
Infrastructure					
Sub total					
Sub total					
Total					

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

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.

## 5. Scientific Mining

Items	Proposal	Actual work done	Remarks
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~~PRODUCTION FOR THE PREVIOUS YEAR /~~              

Mineral	Production		
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## 6. Conservation of Mineral - both quantitative and qualitative

Exploration data as on 31/03/

No. of Boreholes

No. of Pits

No. of Trenches

OVERBURDEN HANDLED DURING PREVIOUS YEAR      -Utilisation of Sub Grade Mineral and Mineral Rejects

Generated

Utilised

Stacked

(In Ton.)

## 7. Environment Management - both quantitative and qualitativ

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.

**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.)

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 :

(V.D.JALNAPURKAR)

Indian Bureau of Mines