

MCDR INSPECTION REPORT OF TASK FORCE  
ON PREVENTION OF ILLEGAL MINING  
INDIAN BUREAU OF MINES  
MINES CONTROL & CONSERVATION OF MINERALS DIVISION

File No: KRL/ALP/SS/139/BNG

Mine Code: **54KRL01131**

1	Name of Inspecting Officer with designation	V. Jaya Krishna Babu, Regl. Controller of Mines and V.D Jalnapurkar, Senior Mining Geologist.
2	Name & designation of State Govt. Officer accompanying during inspection	Shri Raman namboothiri, Geologist, state DMG
3	Name & designation of accompanying mine official	Siju K George, Lessee
4	Date of inspection	15.03.2014

**PART – I GENERAL INFORMATION**

1 (a)	Name of mine	Mariya Mine
(b)	Category of mine A (Fully mechanized or other than fully mechanized and B	B-Manual
(c)	Mode of working (OC/UG/Both).	Open-cast
2 (a)	Mining Lease No.	GOMs No. 125/11/ID
(b)	Lease area in Ha With forest area if any	1.0452 Ha (Non-forest)
(c)	Period of lease	10 years
(d)	Date of expiry	12.01.2021
3 (a)	Mineral(s) included in the lease deed	Silica sand
(b)	Mineral(s) worked	Silica sand
4 (a)	Name of Lessee / Owner	Siji Kancheryil George
(b)	Nominated Owner	Mr. Siji Kancheryil George
(c)	Agent	None
(d)	Mining Engineer and Geologists appointed under Rule 42 of MCDR 1988	None
(e)	Mine's Manager	None
5	Details about Mining Plan/Scheme of mining Scheme with letter no date of approval and validity etc	Scheme of Mining was approved vide letter No 1533/M2/2007 dated 24.12.2011 for financial period from 2011-12 to 2015-16.

## PART – II – TECHNICAL DETAILS

- l) Sensitive technical items on conservation of mineral, scientific mining and protection of environment – status of Present Mining Operations vis-à-vis approved proposals of mining plan / Scheme of Mining:

### 1) Scientific mining

**i) Exploration:** No exploration was carried out during the recent past and no exploration is proposed to be carried out in the balance period of lease. In the lease area, the nature of mineralization of deposit could easily be assessed from exposure in the existing pit as there is no OB.

**ii) Workings:** During inspection, it was observed that the production raised during the year 2011-12 & 2012-13 were 9030 T & 7500 T which is more than 20% against proposed production 5000 T & 4633 T respectively. Further, Statutory barrier adjacent to the proposed year 2011-12 & 2012-13 workings was also mined out. The dimensions of existing pits are viz 1) 20m X 2 m X 2m and 2) 25mx10mx1.5m Mining is being carried manually with pickaxes & crowbars. There is no OB and no drilling & blasting required.

### iii) Production and Development:

Year	Production in tones		Development in tones		Remarks
	Proposed	Actual	Proposed	Actual	
2011-12	5000	9030	---	---	---
2012-13	4633	7500	---	---	---
2013-14	5040	1457 Upto Jan-14)	--	---	---

**vi) Waste Disposal:** There is no generation of waste. Back filling has been carried out in the mined out pits by the waste.

**2. Conservation of Mineral:** There is no problem of conservation of mineral as there is no sub-grade existing.

**3. Environmental Aspects:** The details of plantation carried out in the mine are furnished below.

Year	No of saplings proposed	Actual no of saplings planted
<b>2011-12</b>	No specific proposals	---
<b>2012-13</b>	--do--	---
<b>2013-14</b>	--do--	---

There is no adverse impact on air, water and noise inside the ML area because mining is being carried out **on a small scale**. The excavated pit areas are backfilled by filling up with waste comprising of red soil.

**II) A note on justification in case of suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 if recommended:---**

During the inspection it was observed that the Mining Operations in the mine are not being carried out in accordance with the proposal given in the approved mining plan. It was observed that the production raised during the year 2011-12 & 2012-13 were 9030 T & 7500 T which is more than 20% against proposed production 5000 T & 4633 T respectively. Further, statutory barrier adjacent to the proposed year 2011-12 & 2012-13 workings was also mined out. It is thus recommended that further operation in any of the workings in the mine is stopped immediately by application of Rule 13(2) of MCDR 1988.

**III) Any other matter of significance: NIL**

**PART – III PROPOSAL FOR FURTHER ACTION FOR**

(a)	<b>Indian Bureau of Mines</b>	NIL
(b)	<b>The State Govt.</b>	The boundary pillars of ML have not been properly erected /maintained.
(c)	<b>The Central Govt.</b>	NIL

(Raman Namboothiri)  
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Team Member

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Date: 15.03.2014  
Place: Cherthala