

**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/136/BNG

Mine Code: **54KRL01125**

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	Shri P.S Suganthappan, Lessee
4	Date of inspection	17.03.2014

PART – I GENERAL INFORMATION

1 (a)	Name of mine	Chithra Mines & Minerals (silica sand 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. 25/07/ID
(b)	Lease area in Ha With forest area if any	1.0218 Ha (Non-forest)
(c)	Period of lease	10 years
(d)	Date of expiry	08.08.2017
3 (a)	Mineral(s) included in the lease deed	Silica sand
(b)	Mineral(s) worked	Silica sand
4 (a)	Name of Lessee / Owner	Suganthappan PS
(b)	Nominated Owner	Suganthappan PS
(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	Mining Scheme was approved vide letter no.11175 dated 18.05.2013 for financial period from 2012-13 to 2016-17.

PART – II – TECHNICAL DETAILS

i) 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 trend and occurrence of deposit could easily be assessed from exposure in the existing pit as there is no OB.

ii) Workings: Mining is being carried manually with pickaxes & crowbars. There is no OB and no drilling & blasting required. The dimensions of the existing pits are (1) 35m X 10m X 1.5m (2) 12m X 8m X 1.5m & (3) 40m X 10m X 1.5m. The workings are being carried out in accordance with the approved mining plan.

iii) Production and Development:

Year	Production in tones		Development in tones		Remarks
	Proposed	Actual	Proposed	Actual	
2012-13	8067	1895	---	---	There is no OB
2013-14	8078	1250 (Upto Jan-14)	---	---	

vi) Waste Disposal: there is no waste generation in this mining lease.

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
2012-13	No specific proposals	Nil
2013-14	--do--	Nil

There is no adverse impact on air, water and noise inside the ML area because mining is being carried out **on a small scale**.

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:-

No such recommendation at this juncture.

III) Any other matter of significance: No statutory personnel viz Manger & Mining Engineer employed at the mine

PART – III PROPOSAL FOR FURTHER ACTION FOR

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

(Raman Namboothiri)
Geologist of DMG &
Team Member

(V.D Jalnapurkar)
Senior Mining Geologist &
Team Member, IBM

(V. Jaya Krishna Babu)
Regl. Controller of Mines &
Team Leader, IBM

Date: 17.03.2014
Place: Cherthala