

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/133/BNG

Mine Code: **54KRL01132**

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	Josheph KO, Lessee's representative
4	Date of inspection	17.03.2014

PART – I GENERAL INFORMATION

1 (a)	Name of mine	Silica Sand Mine SH Mines Unit II
(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.157/2011/ID
(b)	Lease area in Ha With forest area if any	1.0634 Ha (Non-forest)
(c)	Period of lease	10 years
(d)	Date of expiry	20.12.2021
3 (a)	Mineral(s) included in the lease deed	Silica sand
(b)	Mineral(s) worked	Silica sand
4 (a)	Name of Lessee / Owner	SH Mines Unit II
(b)	Nominated Owner	Smt. Hemalatha
(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 Plan was approved vide letter No 6093/M2/2010 dated 14/02/2012 for financial period from 2012-13 to 2016-17.

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 neither proposed nor carried out. The trend and occurrence 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 excavations for the year 2013-14 are being carried out outside the lease area i.e due South Eastern boundary. The production raised during the year 2013-14 is 4690T significantly on higher side than the proposed production 1458T. The dimensions of existing pit which is outside lease area viz 1) 25m X 25 m X 2m.

During inspection the mine was not under operation and it was reported that mining operations have been discontinued temporarily. But the notice of temporary discontinuance has not been submitted in Form D1 to IBM. Mining is being carried manually with pickaxes & crowbars. There is no OB and no drilling & blasting required.

iii) Production and Development:

Year	Production in tonnes		Development in tones		Remarks
	Proposed	Actual	Proposed	Actual	
2012-13	1481	270	--	--	-----
2013-14	1458	4690 Up to Jan-14)	--	--	-----

vi) Waste Disposal: There is no generation of 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
2012-13	No specific proposals	--
2013-14	--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**.

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 inspection, it was observed that the excavations for the year 2013-14 are being carried out outside the lease area i.e due South Eastern boundary. The production raised during the year 2013-14 is 4690T significantly on higher side than the proposed production 1458T. 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: No statutory personnel employed viz. Mines Manager & Mining Engineer.

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