

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/141/BNG

Mine Code: **54KRL01129**

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	Jose Antonny, S/o. KJ Antonny, Lessee
4	Date of inspection	14.03.2014

PART – I GENERAL INFORMATION

1 (a)	Name of mine	Kripa connect 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.158/2011/ID dated 23.06.2011
(b)	Lease area in Ha With forest area if any	1.25 Ha (Non-forest)
(c)	Period of lease	12 years
(d)	Date of expiry	20.12.2023
3 (a)	Mineral(s) included in the lease deed	Silica sand
(b)	Mineral(s) worked	Silica sand
4 (a)	Name of Lessee / Owner	Shri KJ Antonny
(b)	Nominated Owner	Shri KJ Antony
(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 3737/M2/2009 dated 03.01.2012 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 there is a deviation in the site of working and excavation is also noticed in statutory barrier. The mining operations were found in unscientific and unsystematic manner, as the lessee excavated without leaving the safety barrier i.e public buildings/auditorium, panchayat road and HT line/tower. The excavation already carried out in the North West part of the lease area was significantly on higher side than the proposed. The proposed area for excavation during the fourth year as per approved mining plan, has already been excavated. The lessee has excavated two numbers of pits and their dimensions of existing pits are viz 1) 55.6m X 23.16 m X 1.16m and 2) 25.70mx6.40mx1.13m respectively. The mining operations are being carried manually with pickaxes & crowbars. There is no OB existing and no drilling & blasting is required.

iii) Production and Development:

Year	Production in tons		Development in tons		Remarks
	Proposed	Actual	Proposed	Actual	
2011-12	2392	216	--	--	Commencement of mining on 08.03.12
2012-13	2392	4650	---	--	There is no OB
2013-14	2392	2600 (up to Jan 2014)	---	---	

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
2011-12	No specific proposals	---
2012-13	--do--	---
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**. The excavated pit areas are backfilled by filling up with building waste and other road metal including soil waste.

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:---

The mining operations were found in unscientific and unsystematic manner, as the lessee excavated without leaving the statutory barrier i.e public buildings/auditorium, panchayat road and HT line/tower. It was also observed that the excavation already carried out in the North West part of the lease area was significantly on higher side than the proposed. The proposed area for excavation during the fourth year as per approved mining plan, has already been excavated. Moreover, the working proposal of 2011-12, 2012-13 & 2013-14 has not been carried out in location as proposed in Approved Mining Plan. It was also observed that mined out pits were back filled with waste consisting of mixed red soil brought from outside, intimation to the Controller General, Controller of Mines and the Regional Controller of his intention to abandon a mine or a part of a mine not given. 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 like Manager, Mate & 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: 14.03.2014
Place: Cherthala