

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

File No:--KNT/GLB/LST-7/BNG

Mine Code: **38KAR10012**

1	Name of Inspecting Officer with designation	A. Nandi, Dy. Controller of Mines and Prashant S. Hegde, Senior Mining Geologist.
2	Name & designation of State Govt. Officer accompanying during inspection	Shri Padmanabhachar, Dy. Director Gulburga, State DMG
3	Name & designation of accompanying mine official	S/Shri K.V. Verma, General Manager Mining and Arun Kumar, Mining Engineer
4	Date of inspection	01/12/2013

PART – I GENERAL INFORMATION

1 (a)	Name of mine	WADI Limestone Mine ML.NO-2641
(b)	Category of mine A (Fully mechanized or other than fully mechanized and B	Fully mechanized-A
(c)	Mode of working (OC/UG/Both).	Opencast
2 (a)	Mining Lease No.	2641
(b)	Lease area in Ha With forest area if any	471.03(Non-forest)
(c)	Period of lease	20 years
(d)	Date of expiry	18/02/2023
3 (a)	Mineral(s) included in the lease deed	Limestone, Shale & clay
(b)	Mineral(s) worked	Limestone and Shale
4 (a)	Name of Lessee / Owner	M/S ACC Ltd
(b)	Nominated Owner	Shri Kuldip Kaura
(c)	Agent	Dr. S.B. Singh
(d)	Mining Engineer and Geologists appointed under Rule 42 of MCDR 1988	Shri Arun Kumar, Mining Engineer and Shri Jagadish Madival, Geologist
(e)	Mine's Manager	Shri K.V. Verma
5	Details about Mining Plan/Scheme of mining Scheme with letter no date of approval and validity etc	1) Scheme of Mining was approved vide letter No MS/GLB/Lst-126-SZdated 20/10/2008 for financial period from 2008-09 to 2012-13. 2) Next Scheme of Mining was also approved vide letter No KNT/GLB/MS/Lst-206-SZ dated 24/09/2013 for financial period from to 2013-14 to 2017-18.

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:--There is no exploration proposal during period 2012-13 to 2013-14, as mine is fully developed, deposit fully exposed and working since 1966.

ii) Working: During inspection, it was observed that there is no deviation in site of working and dimension of existing pit is 3000 m X 1200 m X 35 m. The mine is systematically and scientifically developed as per the approved Scheme of mining.

iii) Production and Development:

Year	Production in tonnes		Development in tonnes		Remarks
	Proposed	Actual	Proposed	Actual	
2012-13	Limestone:7,720,200 Shale: 1,280,000	Limestone:5,211,041 Shale: 546,026	800,000	201,000	_____
2013-14	Limestone:7,720,200 Shale: 1,280,000	Limestone: 3,313,028 Shale: 426,758 (Upto Nov-13)	600,000	367,797 (Upto Nov-13)	_____

Since, there is a slump in the demand of cement in the market, the lessee had to operate plant at lower capacity. Therefore, production of limestone and shale achieved is below the target.

vi) Waste Disposal:- As per the proposals, the wastes (Black cotton soil) are being dumped all along the ML boundary on which saplings have been planted and maintained with care.

2. Conservation of Mineral: ---- There is no sub-grade mineral. The entire ROM is being utilized in their cement plant having 5.9 mtpa production capacity. The 10% of shale occurring below the limestone horizon is being utilized in the plant feed in regular manner as an additive.

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	3,000	3,200
2013-14	3,500	26,100(OML)+2,500(WML)= 28,600 (upto Nov-13)

The regular dust suppression by sprinkling of water is made in the mine, colony and plant areas. Apart from that stationary water sprinklers have been installed all along the approach haul roads. All the operator cabins of shovels/dumpers have been fitted with air conditioners so that operators are not exposed to dust during operation. All the conveyors lines are covered and at the transfer points, dust extractors have been fitted. In the crusher located inside the pit, the atomized water sprays are fitted to control the dust at the source. In conspicuous places like mine haul roads, hopper at crushing plant areas, tree barriers have been created to arrest the spread of dust and noise. The season-wise environmental monitoring of air, water and noise is being carried out by recognized and approved laboratory and the various parameters are found within the permissible limit.

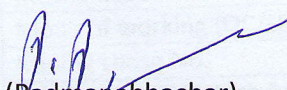
II) A note on justification in case of suspension of mining operations under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988 if recommended:---

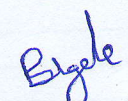
No such recommendations in this mine.


III) Any other matter of significance:--- The mine has adopted an integrated approach towards scientific and systematic development and environment protection measures at every stages of production. The company is very keen towards continual improvement in their system inclusive of sustainable development.

PART – III PROPOSAL FOR FURTHER ACTION FOR

(a)	Indian Bureau of Mines	NIL
(b)	The State Govt.	NIL
(c)	The Central Govt.	NIL


(Padmanabhachar)
Dy. Director of Gulburga &
Team Member,
DMG, Govt. of Karnataka


(Prashant S. Hegde)
Senior Mining Geologist &
Team Member, IBM


(A. Nandi)
Dy. Controller of Mines &
Team Leader, IBM

Date: 1/12/13
Place: Gulburga