

## MCDR INSPECTION REPORT

## General

S. No.	Particulars	Details	Details
N. 1	Date of inspection	23.11.2016	
1	Name of the Mine	Nandini Khundini	
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.92 ha., Non forest	
3	Minecode	38MPR13025	
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/	
5	Name of the lessee, Address, phone, email and fax number	Ms. Mohini Devi Mishra, 48/5, Nehru Nagar(East0, Bhilai, Distt.- Durg, CG.-490020, Mob. No. 9425237021, Fax no.-07883299582, E mail- mdmlimestonemines@gmail.com	
6	Village	Deorjhal Ahwara	
7	Taluka/Mandal	Dhamda	
8	District	Durg	
9	Pincode	-	
10	State	CG	
11	Post office	Nandini	
12	Nearest police station	-	
13	Nearest Railway station	-	
14	Date of Grant of Mining Lease	7.7.1998 to 6.7.2018	
15	Date of Execution	4.8.1998	
16	Date of opening of Mine		
17	Date of first Renewal, if applicable and its period & expiry	6.7.2018	
18	Date of second Renewal, if applicable and its period & expiry	NA	
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA	
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	-	
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	-	
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri VKPrasad Thakur, Nandini Khundini, , Village- Deorjhal Ahwara, Taluka Dhamda, Distt. Durg,,CG, Email- <a href="mailto:vthkur750mining@gmail.com">vthkur750mining@gmail.com</a> , Mob.-9981555718, From Nov. 2016	
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	B Tech Mining, Shri VKPrasad Thakur, Nandini Khundini, , Village- Deorjhal Ahwara, Taluka Dhamda, Distt. Durg,,CG, Email- <a href="mailto:vthkur750mining@gmail.com">vthkur750mining@gmail.com</a> , Mob.-9981555718, From Nov. 2016	
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	-	
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan approved vide no. DRG/LST//MPLN-608/NGP dtd.10.11.1997	

26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Scheme of Mining approved vide no. DRG/LST/MPLN-608/NGP dtd-5.5.2009 for 2008-09 to 12-13, SoM approved on 4.4.14 for 2013-14 to 2017-18 Limestone
27	Mineral(s) granted in lease and proved for mining	
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Manual
30	Captive/Non Captive	Non Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

**Exploration**

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2Bore hole	NIL	Pit was water logged. Working was closed
1b	Exploration over lease area for Geological axis 1 or 2.	2 BH	NIL	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	-	-	
1e	Balance reserves as on 01.04.20...	122-579050 222-135750 333-144000	122-579050 222-135750 333-144000	
1f	General remarks of inspecting officer on geology, exploration etc.			

**Development**

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	-south	Actual work south	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Ore-3 OB-0.5mt.	Ore-3 Ob-1	
2c	Stripping ratio or ore to OB ratio	nil	nil	
2d	Quantity of topsoil generation in m3	nil	nil	
2e	Quantity of overburden generation in m3	nil	nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.		Mine was closed due to water logged of pit	

**Exploitation**

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	40500 for 2015-16	28775 t	

SN	Item	Proposals	Actual work	Remarks
3c	Recovery of salable/usable mineral from ROM production	nil	nil	
3d	Quantity of mineral reject generation	nil	nil	
3e	Grade of mineral reject generation and threshold value declared	nil	nil	
3f	Quantity of sub-grade mineral generation	nil	nil	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	yes	nil	
3k	Provision of mining machineries in mineral benches	Jack hammer, JCB, Compressor, pump	Jack hammer, JCB, Compressor, pump	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	yes	
3m	Total area covered under excavation/pits	Pit-1.5 ha. Plant - 0.025 ha.	NA	
3n	Ore to OB ratio for the pit/mine during the year	nil	NA	
3o	Total area put in use under different heads at the end of year	1.58 ha.	-	
3p	Production of ROM mineral during last five-year period, as applicable	13-14-40500 t 14-15-40,500 15-16 -40500t 16-17-40500 t	15-16-28775 t	
3q	General remarks of inspecting officer on method of mining etc.		Mine working was closed and pit was fully water logged.	

#### Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	In barrier zone	Barrier zone	
4b	Location of topsoil, OB & mineral reject dumps	Barrier zone	Barrier zone of lease area	
4c	Number of dumps within lease area and outside lease area	2	In barrier zone	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)		In barrier zone	
4e	Number of active & alive dumps	nil	2	
4f	Number of dead dumps	nil	nil	
4g	Number of dumps stabilised	nil	nil	
4h	Whether Retaining wall or garland drain all along dumps are there	nil	nil	
4i	Length of Retaining wall or garland drain all along dump	nil	nil	
4j	Number of settling ponds	nil	nil	

4k	Specific comments of inspecting officer on waste dump management	Soil dumping and OB dumping are in barrier zone.
----	--	--

**Solid Waste Management-Backfilling**

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	nil	nil	Mineral still exist. Reclamation & rehabilitation work not carried out
5b	Area under backfilling of mined out area	nil	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	nil	nil	
5d	Total area fully reclaimed & rehabilitated	nil	nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

**Progressive Mine Closure Plan**

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.		nil	Mine was closed & pit was waterlogged
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	150 no.	0.025 ha.	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	nil	nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	nil	nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	nil	nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations		Mineral still exist, no working on reclamation &	

SN	Item	Proposals	Actual work rehabilitation carried out.	Remarks
<b>Mineral Conservation</b>				
SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	-	22897 t	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	nil	nil	
7c	Different grade of mineral sorted out at mines	nil	nil	
7d	Any beneficiation process at mines	nil	nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues		Crushing & grinding process adopted	

<b>Environment</b>				
SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	nil	nil	
8b	Concurrent use or storage of topsoil	Barrier zone	Stacked in barrier zone	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	nil	nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	nil	nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	nil	nil	
8f	Baseline information on existence of plantation & additional plantation	150	150 no.	
8g	Survival rate	20 %	nil	
8h	Water sprinkling on roads to control airborne dust	nil	nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Mine was closed no working on top soil and dump carried out.	

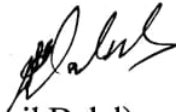
<b>Compliance of Rule 45</b>				
SN	Item	Comments		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto -----Oct.2016----- --- A.R. submitted upto ----2015-16----- -		

SN	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	ME-1	ME-1	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit—1.58 ha. Plantation-0.025 ha.	Pit-1.5 ha.	

9d	Scrutiny of Annual return on afforestation	150 no.	150 no.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	6326 t	5000 t
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Rs.205/-	Rs.205/
9i	Scrutiny of Annual return on fixed assets	Rs.370000/	Rs.370000/
9k	Scrutiny of Annual return on mining machineries		Mine was close no production carried out . Pit was water logged.

**Details of violations observed during current inspection and compliance position of earlier violation pointed out:-**

**Rule 13(1) for not drilling 3 proposed bore hole and rule 46 of for non intimating appointment of mining engineer.**

  
 (Anil Dalal)  
 Assistant Mining Engineer