

MCDR INSPECTION REPORT**General**

S. N.	Particulars	Details
1	Name of the Mine	Nandini Khundini Limestone mine
1a	Name of the inspecting officer with Designation & Accompanying Person, Date of Inspection	Rajesh Kumar Das, Senior Assistant Controller of Mine, Shri Hemant Sahu, 10.01.2020
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.45 Ha. Non forest Land
3	Mine code	38CHG05008
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5683/2011
5	Name of the lessee, Address, phone, email and fax number	Shri Hemant Sahu, e-mail: hksdurg@gmail.com, Mob: 9424100567
6	Village	Nandini-Khundini
7	Taluka/Mandal	Dhamdha
8	District	Durg
9	Pincode	491001
10	State	Chhattisgarh
11	Post office	Dhamdha
12	Nearest police station	Dhamdha
13	Nearest Railway station	Durg
14	Date of Grant of Mining Lease	07.05.1999
15	Date of Execution	07.05.1999 in name of M/S Swastik transporter, Prop. Shri Rajesh Dhody and trans in the name of Shri Hemant Sahu on 21.12.2006.
16	Date of opening of Mine	21.12.2006.
17	Date of first Renewal, if applicable and its period & expiry	The lease period is upto 06.05.2019 but as Rule 8(A) of MMDR (Amendment) Act, 2015 lease may be extended for fifty years but till date no supplementary lease deed signed for lease extension.
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	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Manager as mine as mentioned above till date supplementary lease deed not signed for lease extension and lease is under suspension from 29.02.2012.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer as mine as mentioned above till date supplementary lease deed not signed for lease extension and lease is under suspension from 29.02.2012.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Modified Mining Plan approved on 22.07.2016 for the period 2016-17 to 2018-19.
26	Date of Approval of Scheme of Mining/Modified Scheme of	NA

	Mining with five-year period and specific condition in approval letter, if any.	
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Category A
30	Captive/Non Captive	Non Captive
31	BG Validity	No valid BG
32	EC Capacity	No EC

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

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2019 (Tons)	72100	138100	
1f	General remarks of inspecting officer on geology, exploration etc.	No exploration was carried out done but due to existing pit broadly the entire lease area is exposed.		

Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	In existing pit towards Northern side of lease	Mine is non working in 2018-19 due to no EC and under suspension from 29.02.2012	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No such proposal as the proposal given where already limestone exposed	NA	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is non- working in 2018-19 due to no EC and under suspension from 29.02.2012		

Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	one	Nil	
3b	Quantity of ROM mineral production proposed(tons)	24750	Nil	
3c	Recovery of salable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	NA	NA	
3f	Quantity of sub-grade mineral	Nil	Nil	

	generation			
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanized	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	
3j	Provision of drilling & blasting in mineral benches	Yes	NA	Mine non-working
3k	Provision of mining machineries in mineral benches	Yes	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	NA	
3m	Total area covered under excavation/pits	3300sqm	Nil	
3n	Ore to OB ratio for the pit/mine during the year	No waste generation proposed	NA	
3o	Total area put in use under different heads at the end of year	3300sqm for mining	Nil	
3p	Production of ROM mineral during last five-year period, as applicable(in tons)	2014-15: 32000 2015-16: 16000 2016-17: 20250 2017-18: 21000 2018-19:24750	2014-15: Nil 2015-16: Nil 2016-17: Nil 2017-18: Nil 2018-19: Nil	
3q	General remarks of inspecting officer on method of mining etc.	No remarks as the mine was non-working.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No topsoil, OB & mineral reject generation proposed	NA	
4b	Location of topsoil, OB & mineral reject dumps	No topsoil, OB & mineral reject generation proposed	NA	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active & alive dumps	Nil	Nil	
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	No such proposal	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds			
4k	Specific comments of inspecting officer on waste dump management	No major dump observed.		

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of	Backfilling not	NA	

	mineral from mined out area before starting backfilling	proposed		
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)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

Progressive Mine Closure Plan

S.N.	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.	No proposal for 2018-19	No work done as mine is non-working	
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	Nil	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L *B * D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i) Nil	i) Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) Nil	i) Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Nil		

Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No such proposal	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No remarks as the mine is non-working		

Environment

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	NA	NA	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	NA	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No adverse impact observed during mine visit as the mine is not working and therefore no mining activity going on.		

Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	AR submitted upto 2018-19 and MR upto Jan'2020		
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes given	The name of mining engineer & manager given is not working therefore in information for total graduate mining engineer & diploma mining engineer is mentioned as nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes	Total area is mentioned under exploited for mining but in 2018-19 no mining activities done.	
9d	Scrutiny of Annual return on	Nil		

	afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	11044.45 tons		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	No production	
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	Nil		

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The mine was under suspension from 29.02.2012. The mine is non-working and as reported the mine is in under process for EC and Lease extension therefore no violation pointed out.

(Rajesh Kumar Das, Senior Assistant Controller of Mines)