

MCDR INSPECTION REPORT

General

File no: CHG/BST/LST-09/38CHG01002

S.N.	Particulars	Details
1	Name of the Mine	Rajoor Limestone Mine (0.97ha)
2	Date of Inspection	25/06/2021
3	Name of Inspecting Officer	Shri Rudra N. Mishra (Senior Mining Geologist)
4	Last date of Inspection & Officer	12/06/2019, Shri Rudra N. Mishra (Senior Mining Geologist)
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non- forest: 0.97 hect. Forest Land: 00.00 hect. Total Land: 0.97 hect.
6	Mine code	38CHG01002
7	IBM Registration Number under rule 45 of MCDR,2017	IBM/8915/2012
8	Name of the Lease, Address, Phone, email and fax number	Magraj Khatri (Proprieter), M/S Pankaj Stone Crusher Industries Dipak Niwas, Santoshi ward, P.O. – Jagdalpur, Dist- Bastar, Chhattisgarh- 494001 Phone No- 07782-227853,07782-223360 Mobile No.- 942428651/9755176169. Email: d4deep@gmail.com
9	Village	Rajoor
10	Taluka/Mandal	Tokapal
11	District	Bastar
12	Pin code	494442
13	State	Chhattisgarh
14	Post Office	Rajoor
15	Nearest Police Station	Bastar
16	Nearest Railway Station	Jagdalpur
17	Date of Grant of Mining Lease	30/10/1996 to 29/10/2016 for 20years. Application submitted to state Govt for the Lease period to be extended for 50 years i.e. 30/10/1996 to 29/10/2046) under section 8A (3) of MMDR Amendment Act 2015.
18	Date of Execusion	11/12/1996
19	Date of opening of Mine	05/01/1997
20	Date of First Renewal, if applicable and its period & expiry	Application submitted for Lease period to be extended for 50 years i.e. 30/10/1996 to 29/10/2046) under section 8A (3) of MMDR Amendment Act 2015.
21	Date of Second Renewal, if applicable and its period & expiry	N. A
22	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N. A

23	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Magraj Khatri (Proprieter), M/S Pankaj Stone Crusher Industries Dipak Niwas, Santoshi ward, P.O. – Jagdalpur, Dist- Bastar, Chhattisgarh- 494001 Phone No- 07782-227853,07782-223360 Mobile No.- 942428651/9755176169. Email: d4deep@gmail.com
24	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	No Mines Agent, no mining operation reported since Feb_2017. (Mines were closed more than two years due to EC)
25	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager, no mining operation reported since Feb_2017. (Mines were closed more than two years due to EC)
26	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	No Mining Engineer, no mining operation reported since Feb_2017. (Mines were closed more than two years due to EC)
27	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 55 & carrying out their duties as per rule 54 & 55 (MCDR 2017).	No, (Mines were closed more than two years due to EC)
28	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approval date; 16/06/1995 letter no BST/LST/MPLN-425/NGP for period 1997-98 to 2001-02. 1 st sheme of Mining Plan Approval date; 02/01/2003 letter no BST/LST/MPLN-425/NGP for period 2002-03 to 2006-07. 2 nd sheme of Mining Plan Approval date; 25/04/2008 letter no BST/LST/MPLN-425/NGP for period 2007-08 to 2012-13. 3 rd sheme of Mining Plan Approval date; 21/10/2013 letter no BST/LST/MPLN-425/NGP for period 2012-13 to 2015-16.
29	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Latest Modified Mining plan approved on 13/04/2017, letter no BST/LST/MPLN-1082/2017/RPR for period 2016-17 to 2020-21.
30	Mineral(s) granted in lease and approved for Mining	Limestone
31	Method of Mining (Opencast, Underground)	Opencast
32	Category (Fully Mechanized, Others or Manual)	Category -B, Manual
33	Captive/Non-Captive	Non-Captive mine
34	Environmental Clearance	EC letter no- 1621/EC/Bastar/678 Nava Raipur dated 28/12/2020 granted for 5145 tone Per year,
35	Status of Financial Assurance	Rs – 1 lakh valid upto 31/03/2021 Rs – 4 lakh valid upto 31/03/2022

Exploration

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
1a	Backlog of previous year	01	Nil	Mine was closed more than three years due to EC. Bore hole planned to obtain the maximum thickness of limestone.
1b	Exploration over lease area for Geological axis 1 or 2.	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.	Nil	N/A	
1e	Balance reserves as on 01.04.21	Under 111: 2,34,317.00T. Under 221: 38,408.00T		
1f	General remarks of Inspecting officer on geology, exploration etc.	The Rajoor limestone deposit belongs to Jagadapur formation constituting 'Indravati Group' for the Purana group of Bastar and divided into three formation name Jagadapur, Kanger, and Tirathgarh. The limestone is flaggy in nature, predominantly greyish in color and yield a prolific development of stromatolites. Rajoor limestone consists of fine to medium grained, purple with mottled appearance having 2°-4° dip towards SW.		

Development

S. N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
2a	Location of Development w.r.t. lease area	Benches 594 to 588 mrl.	Nil	Top Soil is negligible
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Not in proposal	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.020	Nil	
2d	Quantity of topsoil generation in m ³	Not in proposal	Nil	
2e	Quantity of overburden generation in m ³	42 m ³	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mine was closed more than three years due to EC.		

Exploitation

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
3a	Number of pits proposed for production	01	Nil	
3b	Quantity of ROM mineral production proposed (2020-21)	5145.00T	Nil	
3c	Recovery of Salable/usable mineral from ROM production	5040.00T	Nil	

3d	Quantity of mineral reject generation	105.00T	Nil	
3e	Grade of mineral reject generation and threshold value declared	CaO < 34% MgO > 4%	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Proposal has not been given in approved Mining Plan	Nil	
3j	Provision of drilling & blasting in mineral benches	No	Nil	
3k	Provision of mining machineries in mineral benches	No	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	Nil	
3m	Total area covered under excavation /pits	0.267 ha	Nil	
3n	Ore to OB ratio for the pit/mine during the year	1:0.020	Nil	
3o	Total area put in use under different heads at the end of year	Proposal has not been given in approved Mining Plan	Area Under Pit: 1.520 ha	
3p	Production of ROM in Tones mineral during last Five-years period, as Applicable	2016-17	4410.00T	960.00T
		2017-18	4410.00T	200.00 T
		2018-19	5145.00T	00.00 T
		2019-20	5145.00T	00.00 T
		2020-21	5145.00T	00.00 T
3q	General remarks of inspecting officer on method of mining etc.	Mine was closed more than two years due to EC.		

Solid Waste Management-Dumping

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	NA	No topsoil generation and mineral reject quantity is very less. Mine was
4b	Location of topsoil, OB & mineral reject dumps	Not in proposal	NA	
4c	Number of Dumps within lease area and outside lease area	Not in proposal	NA	

4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not in proposal	NA	closed more than three years due to EC.
4e	Number of Active & Alive dumps	Not in proposal	NA	
4f	Number of deed dumps	None	None	
4g	Number of dumps established	None	None	
4h	Whether Retaining wall or garland drain all along dumps are there	None	NA	
4i	Length of Retaining wall or garland drain all along dump	None	NA	
4j	Number of settling ponds	None	NA	
4k	Specific commends of inspecting officer on waste dump management	No waste generation so no waste dump at site. Mine was closed more than three years due to EC.		

Solid Waste Management-Backfilling

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not in proposal	NA	
5b	Area under backfilling of mined out area	Not in proposal	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not in proposal	NA	
5d	Total area fully reclaimed & rehabilitated	Not in proposal	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	No Backfilling proposed and reclamation etc., Mine was closed more than three years due to EC. Its granted on 28/12/2020		

Progressive Mine Closer Plan

S.N	Item	Proposal (2020-21)	Actual Work (2020-21)	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	Yes	No	
6b	Management of worked/mined out benches	None	NA	
	Area available for rehabilitation (Ha)			
	Afforestation done (ha)			
	No. of saplings planted during the year			

	Cumulative no. of plants			
	Any other specific method of rehabilitation			
	Cost incurred on watch & care during the year			
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 backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	None	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	None	NA	
6e	Compliance of Environment monitoring (core zone & buffer zone)	yes	yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mine was closed more than three years due to EC. EC granted on 28/12/2020		

Mineral Conservation

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Yes	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Yes Manual	NA	
7c	Different grade of mineral sort out at mine	None	NA	
7d	Any beneficiation process at mines	None	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine was closed more than three years due to EC. EC granted on 28/12/2020		

Environment

S.N.	Item	Proposal (2020-21)	Actual Work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	None	NA	Mine was closed more than three years due to not having EC. EC granted on 28/12/2020
8b	Concurrent use or storage of topsoil	None	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	None	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	None	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	None	NA	
8g	Survival rate	None	Nil	
8h	Water sprinkling on roads to control airborne dust	None	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mine was closed more than three years due to EC.		

Compliance of Rule 45

S. N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	M.R. Submitted up to-March-2021 A.R. submitted up to- 2018-19. Not submitted A.R.2019-20 & 2020-21	VL Pointed out
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	none	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted A.R.2019-20 & 2020-21	
9d	Scrutiny of Annual return on afforestation	Not submitted A.R.2019-20 & 2020-21	

9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Not submitted A.R.2019-20 & 2020-21
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Not submitted A.R.2019-20 & 2020-21
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Not submitted A.R.2019-20 & 2020-21
9i	Scrutiny of Annual return on Fixed assets	Not submitted A.R.2019-20 & 2020-21
9k	Scrutiny of Annual return on mining Machineries	Not submitted A.R.2019-20 & 2020-21H

Details of Violations observed during current inspection: - Mine was closed more than three years due to EC and following Violation observed during inspection.

नियम	उल्लंघन के प्रकार का विस्तृत ब्योरा
Rule 11(1)	The following deviations have been found in the mine from approved Scheme of Mining Plan vide letter no- BST/LST/MPLN-1082 Dated 13/04/2017 for the period of 2016-17 to 2020-21. (A) Boundary Pillars: It has been found that all the pillars don't have their serial/identification numbers. All boundary pillars are not been constructed and maintained as per specification mentioned in MCR 1960. (B) Afforestation: There was a proposal given for plantation of 50 no of plants whereas none of the plantation have been planted.
Rule 28	Mines has been remained discontinued for a period exceeding ninety days and notice of temporary discontinuance of work in mines in Form E has not been submitted to the authorised officer so as to reach them within one hundred and twenty days from the date of such temporary discontinuance.
Rule 35 (2)	Every holder of a mining lease shall monitor his mining and allied activities as per the notified template of star rating in the format prescribed in this behalf by the Indian Bureau of Mines from time to time, and shall submit online its self assessment report before the 1st day of July every year for the previous financial year 2019-20 & 2020-21, But till date star rating of your mines have not submitted.
Rule 45(5) (b)	Monthly return since April 2021 which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form along with a signed print copy of the same has not been submitted
Rule 45(5) (c)	Annual return 2019-20 & 2020-21, which shall be submitted before the 1 ST day of July each year for the preceding year in electronic form along with a signed print copy of the same has not been submitted.

Earlier Violations have been complied.

Date: 09/07/2021

Name: Shri Rudra N. Mishra
Designation: Senior Mining Geologist