

**MCDR INSPECTION REPORT****1.0 GENERAL**

SN	Particulars	Details
1	Name of inspecting office & designation	Shri Rajesh Kumar Das, Sr. ACOM, Indian Bureau of Mines, Raipur.
2	Accompanying Mine Official with Designation	Shri Nomit Sahu, Owner's representative & Shri Manoj Kumar, QP
3	Date of inspection	08/07/2021
4	Name of the Mine	Lalpur Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.214 Ha. (Private Land)
6	Mine Code	
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM/13686/2012
8	Name of the lessee, Address, phone, email and fax number	Shri Harshit Sharma, S/O Shri Yogendra Sharma, House No-14, Opp. Green Meadows, Avani Pride, Daldal Seoni, Mowa, e-mail:harshitsharma0012@gmail.com, mob:9406 051000,9993971009
9	Village	Daldal Seoni, Mowa,
10	Taluka / Mandal / District	Raipur
11	State	Chhattisgarh
12	Post office & PIN	Mowa & 492007
13	Nearest police station	Mowa
14	Nearest Railway station	Raipur
15	Date of Grant of Mining Lease	29.05.2002
16	Date of Execution	30.07.2002 (Lease transferred on 27.05.2020)-
17	Date of opening of Mine	09.09.2002
18	Date of first Renewal, if applicable and its period & expiry	NA
19	Date of second Renewal, if applicable and its period & expiry	30.07.2002 to 29.07.2022
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No Mines Manager appointed as mine is non-working from 2012-13
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer appointed as mine is non-working from 2012-13

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25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	No Geologist appointed as mine is non-working from 2012-13
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	30.03.2001
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1 <sup>st</sup> Scheme approved 24.04.2009 for period 2007-08 to 2011-12
28	Mineral(s) granted in lease and proved for mining	Limestone
29	Method of Mining (Opencast, Underground)	Opencast
30	Category (Fully Mechanised, Others or Manual)	'B'
31	Captive/Non Captive	Non Captive
32	Existing EC Limit and validity	No EC
33	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs 500000/- valid upto 31.03.2026

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

**1.0 Exploration**

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No approved document	Nil	No approved document
1b	Exploration over lease area for Geological axis 1 or 2.	No approved document	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No approved document	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved document	NA	
1e	Balance reserves as on 01.04.2021 (in Million Tonnes)	No approved document	NA	
1f	General remarks of inspecting officer on geology, exploration etc.	Mine is non-working from 2012-13		

**2.0 Development**

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area (Range in UTM/Local Coordinate/Plot No./Location)	NA	NA	No approved document

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2b	Separate benches in topsoil, overburden and mineral (Rule 13)	NA	NA	
2c	Stripping ratio or ore to OB ratio	NA	NA	
2d	Quantity of topsoil generation in m <sup>3</sup>	NA	NA	
2e	Quantity of overburden generation in MT	NA	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine is non-working from 2012-13.		

**3.0 Exploitation**

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	NA	NA	
3b	Quantity of ROM mineral production proposed	NA	NA	
3c	Recovery of salable/usable mineral from ROM production	NA	NA	
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral reject generation and threshold value declared	NA	NA	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	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	NA	NA	
3k	Provision of mining machineries in mineral benches	NA	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	
3m	Total area covered under excavation/pits	NA	NA	

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3n	Ore to OB ratio for the pit/mine during the year	NA	NA	
3o	Total area put in use under different heads at the end of year	NA	NA	
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	NA	NA	
3q	General remarks of inspecting officer on method of mining etc.	No Coments		

**4.0 Solid Waste Management-Dumping**

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	NA	NA	
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	NA	NA	
4c	Number of dumps within lease area and outside lease area	NA	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	NA	NA	
4e	Number of active & alive dumps	NA	NA	
4f	Number of dead dumps	NA	NA	
4g	Number of dumps stabilised	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	
4j	Number of settling ponds	NA	NA	
4k	Specific comments of inspecting officer on waste Dump	Nil		

**5.0 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	NA	NA	

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5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23. Details should be given in the format as given in <b>Annexure-20</b> .	NA	NA	
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	NA	NA	
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	NA	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha)	NA	NA	

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	iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NA	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Nil		

**7.0 Mineral Conservation**

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	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	Nil		

**8.0 Environment**

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	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	NA	NA	

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	(Rule 44)			
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	Mine is Non-Working and no adverse impact observed beauty in and around mines area. The mine is water logged.		

**9.0 Compliance of Rule 45**

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Return not submitted as the lessee is not having Mine Code.	

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	NA	NA	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	
9d	Scrutiny of Annual return on Afforestation	NA	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	NA	
9i	Scrutiny of Annual return on fixed assets	NA	NA	
9k	Scrutiny of Annual return on mining machineries	NA	NA	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The mine is non-working from 2012-13 as after the death of lessee there was no legal owner of lessee till 2020 and in 27.05.2020 the lease transferred to

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his son Shri Harshit Sharma. The inspection is carried out for processing of Modification in approved document and no serious violation found.

(Rajesh Kumar Das, Senior Assistant Controller of Mines)