

MCDR INSPECTION REPORT

1.0 GENERAL

Sl.N	PARTICULARS	DETAILS
1	File No.	CHG/RAP/Lst-73/ Raipur
2	Name & Designation of the inspecting officer	Shri D.Dash Senior Mining Geologist
3	Date of Inspection	29.04.2022 (MPI Inspection)
4	Date of Last Inspection & Officer	16.09.2019 Shri Shaval Kartikeya, Jr Mining Geologist
5	Accompanying mine personnel	Shri Yogendra Verma, Mine Owner
6	Name of the Mine	MOhrenga Limestone Mine
7	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non- forest: 4.527 hect .Forest Land: 00.00 hect. Total Land: 4.527 hect.
8	Mine code	38CHG14025
9	IBM Registration Number under rule 45 of MCDR, 1988	IBM/11622/2012
10	Name of the lessee, Address, phone, email and fax number	Shri Yogendra Verma, C/o Verma Tractor Motor Parts, Kharora, Village- Kharora, District: Raipur, Chhattisgarh-493225, phone no. 9009776501, email- vyogendra9999@gmail.com
	Village	Mohrenga
	Taluka/Mandal	Tilda
	District	Raipur
	Pincode	493 225
	State	Chhattisgarh
	Post office	Kharora
11	Nearest police station	Kharora
12	Nearest Railway station	Tilda, 15 km distance
13	Date of Grant of Mining Lease	19.112007 to 18.11.2037 (thirty years)
14	Date of Execution	19.11.2007
15	Date of opening of Mine	01.05.2008
16	Weekly day of rest	Sunday
17	Date of first Renewal, if applicable and its period & expiry	Extension as per section 8A of MMDR Act, 2015 is yet to be obtained.
18	Name of the Nominated Owner with Address, phone, email, fax	Not appointed.

	number and date of appointment	
19	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed.
20	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not appointed, mine is temporarily discontinued since April, 2017 due to lack Environment clearance.
21	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not appointed.
22	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed.
23	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	<p>Mining plan approved vide letter no. RAP/LST/MPLN-972/NGP dated 13.08.2007, proposed period from 2007-08 to 2011-12.</p> <p>Modified Mining Plan approved vide letter no. RAP/LST/MPLN- 972/NGP dated 13.04.2015, proposed period from 2015-16 to 2016-17</p> <p>Modified Mining Plan approved vide letter no. RAP/LST/MPLN- 972/NGP dated 13.04.2016, proposed period from 2016-17</p>
24	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan approved vide letter no. RAP/LST/MPLN- 972/Raipur dated 26.05.2022 for the period from 202-23 to 2026-27
25	Mineral(s) granted in lease and proved for mining	Limestone
26	Method of Mining (Opencast, Underground)	Opencast
27	Category (Fully Mechanized, Others or Manual)	Category-A, (Fully Mechanized)
28	Captive/Non-Captive	Non-Captive mine
29	EC for ROM Prod: Date of Issue:	EC is granted for 27,500tons per annum for limestone mining. Valid up to lease period.

30	FA amount Rs Valid up to:	The lessee has submitted Financial Assurance of Rs. 10,00,000 by way of bank guarantee valid up to 18.05.2027
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Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

1.0 EXPLORATION

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
1a	Backlog of previous year	Nil	05 boreholes drilled during the year 2021-22	Exploration in form of 04 boreholes have been proposed for the year 2022- 23 in approved document.
1b	Exploration over lease area for Geological axis 1 or 2.	Not specific	G1: 3.155 Ha G4: 1.372 Ha	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not specific	Lessee	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	G1- 1.372 Ha	
1e	Balance reserves as 01.04. 2021 (million tonnes)	111: 0.06 122: 008 221: 0.04	111: 1.377 211: 3.704 222: 2.4	
1f	General remarks of inspecting officer on geology, exploration etc.	The deposit is a regular stratified bedded deposit . A single quarry has been developed in the area which is mined up to 6m depth. The mine is further explored by drilling of 05 DTH drill holes with depth up to 30m depth at a grid interval of 150m, in the process 3.155 ha area is explored under G1 scale of exploration. Further exploration in form of drill holes is proposed in the approved review of Mining Plan during the year 2022-03. The up-dated resources status is as per latest approved Review of Mining plan.		

2.0 DEVELOPMENT

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
2a	Location of development w.r.t. lease area	In between co-ordinates N50 to N63 and E00 to E 43	Nil	No mining operations carried out due to lack Environmental clearance.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Top soil /overburden available as	No bench for top soil	-do-

		such.		
2c	Stripping ratio or ore to OB ratio	1:0.02	Nil	-do-
2d	Quantity of topsoil generation in Tonnes	200 cum	200 cum (reported in Annual Return)	The information is incorrect since no mining operations carried out during the period. Violation of Rule 45(5)(c) of MCDR, 2017 is pointed out.
2e	Quantity of overburden generation in m ³	60 cum	1005 cum (reported in Annual Return)	The information is incorrect since no mining operations carried out during the period. Violation of Rule 45(5)(c) of MCDR, 2017 is pointed out.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No mining operations have been carried out in the lease area during the period due to lack of environmental clearance. Information waste and top soil generation during the year have been incorrectly furnished in Annual Return. Violation of Rule 45(5)(c) of MCDR, 2017 is pointed out.		

3.0 EXPLOITATION

S.N.	ITEM	PROPOSAL (2020-21)	ACTUAL WORK (2020-21)	REMARK
3a	Number of pits proposed for production	01	01	As proposed.
3b	Quantity of mineral production proposed	24,937 T	Nil	No mining operations carried out due to lack Environmental clearance.
3c	Recovery of saleable/usable mineral from production	24,937 T	Nil	-do-
3d	Quantity of mineral reject generation	525 cum	Nil	-do-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-do-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-do-
3g	Grade of sub-grade mineral generation	CaO<34%	CaO < 34%	

		MgO>4%	MgO > 4%	
3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed within lease area	Nil	No processing proposed.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No	NA	Not required for Limestone.
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	Not done during the year.
3k	Provision of mining machineries in mineral benches	Drilling machine-02, Excavator- 01 Rock breaker: 01 pay loader One no of Rock breaker, One no of Ripper dozer, Four nos of Dumper, One no of water tanker with 10KL, Two nos of diesel operated water pump of 5 HP, Crusher & Screen unit of 50TPH	Nil	No mining operations during the year 2020-21 and 2021-22.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height in Mineral proposed for 5 Meter	Height in Mineral has been kept as 5m Meter at present	No deviation.
3m	Total area covered under excavation/pits	2.28 Hectares	1.26 Hectares	Area degradation is less as no mining operations is carried out during the year. .
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	Nil	-do-
3o	Total area put in use under different heads at the end of year	Area under mining: 2.28 ha, waste dump: 0.112 ha, infrastructure: 0.011 ha, roads: 0.216 ha	Area under mining: 1.26 ha, waste dump: 0.088 ha, infrastructure: 0 ha, roads: 0.05ha	Land use on lower side due to no mining operations carried out during the period.
3p	Production of mineral during last Three - year period, as applicable (tones)	2017-18 - 23750	Nil	No mining operations carried out during the period.
		2018-19 - 23750	Nil	
		2019-20 - 24937	Nil	
		2020-21 - 24937	Nil	

		2021-22 - 26125	Nil	
3q	General remarks of inspecting officer on method of mining etc.	The pit is developed at the proposed site. No mining operations were carried out during the period due to lack of environment clearance.		

4.0 SOLID WASTE MANAGEMENT-DUMPING

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate waste dump proposed.	Top soil stack observed.	No waste generation reported from the mine since no mining operations were carried out during the period due to lack environment clearance. No waste dump observed during the visit. A top soil stack observed. Violation of 11 (1) of MCDR, 2017 is pointed out since, the no mining operations during the period.
b	Location of topsoil, OB & mineral reject dumps	Top soil-Nil Mineral reject-NIL Waste dump : N 162 to N180 and E212 to E 230.	Waste dump : Nil Top soil stack : N2369450 to N 2369400, E592450 to E E592550	
4c	Number of dumps within lease area and outside lease area	01	01 (top soil stack)	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposed beyond UPL	Top soil stack is within the UPL.	
4e	Number of active & alive dumps	01	01	
4f	Number of dead dumps	Nil	Not Applicable	
4g	Number of dumps stabilized	NIL	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Nil	
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer	Although waste generation and separate dumping of waste dump was proposed, no waste dump is observed. A top soil stack is observed. Violation of 11 (1) of MCDR, 2017 is pointed out since, the no mining operations during the period.		

5.0 SOLID WASTE MANAGEMENT-BACKFILLING

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed in approved document	Area not matured for backfilling	No area is mined out.
5b	Area under backfilling of mined out area	Not Proposed	NA	Reason as above.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Top soil is proposed for simultaneous use.	NA	No area is mined out.
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mining operations in the area is in incumbent stage. No area is mined out. Thus, there is no scope of backfilling or rehabilitation at present.		

6.0 PROGRESSIVE MINE CLOSURE PLAN

SN	ITEM	PROPOSALS (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.	As per 26(2) of MCDR 2017 the annual report has to be submitted	Not Submitted.	Not pointed out since, no mining operations carried out during the period due to lack of Environment clearance.
6b	Management of worked/mined out benches	Not proposed	Nil	No area is mined out.
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)	Nil	Nil	-do-
	iii) No. of saplings planted during the year	Nil area per year	Nil	-do-
	iv) Cumulative no. of plants	Nil	Nil	-do-

	v) Any other specific method of rehabilitation	- do--	- do--	-do-
	vi) Cost incurred on watch & care during the year	Not specific	- do--	
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	No area is matured for backfilling.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	200 saplings per year	Nil	No mining operations in the area due to lack of EC.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for Compliance of Environmental monitoring in Core and buffer zone	Not done	-do-
6f	General remarks of inspecting officer on PMCP compliance & progressive	The mining operations is at initial stage. No area is matured for rehabilitation.		

7.0 MINERAL CONSERVATION

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No processing of run of mine ore proposed.	Nil	The mining operations were not carried out in the lease area due to lack of EC.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No sorting proposed.	Nil	
7c	Different grade of mineral sorted out at mines	Nil	Nil	

7d	Any beneficiation process at mines	As per approved document no beneficiation process At mines is proposed.	Not done.	Beneficiation is not required for Limestone.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM envisaged to be directly made saleable after sizing by rock breaker but no mining operations carried out during the period due to lack EC.		

8.0 ENVIRONMENT

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil is negligible.	No top soil generated	No mining operations carried out during the period due to lack of EC.
8b	Concurrent use or storage of topsoil	Proposed	Top soil stack is observed in the mine.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate waste dump area is proposed.	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Nil.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed @ 200 saplings/ per year	Nil	
8g	Survival rate	Not mentioned.	Nil	
8h	Water sprinkling on roads to control airborne dust	Yes proposed.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	No mining operations carried out during the period due to lack of EC.		

9.0 COMPLIANCE OF RULE 45

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9 a	Status of submission of monthly and Annual returns	Monthly return for the month of April submitted and Annual Return for the 2021-22 submitted on 26.06.2021	The officials were present during the field visit.	Information is correct.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager: No Mining Engineer: Shri K.L. Sharma Mining Geologist: Shri Subhash Verma	None present	No violation pointed out since the mine is non-working.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area Under Pit: 1.28 Hectares. Occupied by plant, building & Roads: 0.216 ha, Afforestation: 1 ha	Information on plant, building etc is incorrect. No information topsoil stack is furnished.	Violation of 45 (c) of MCDR, 2017 is pointed out.
9d	Scrutiny of Annual return on afforestation	Nos of plantation during the yr .within lease area-200 and out of lease area -100 nos.	Appears to be incorrect.	No plantation found in the area. Violation of 45 (c) of MCDR, 2017 is pointed out.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	1005 T Quantity,	Appears to be incorrect.	No waste dump other than top soil stack found in the lease area. No mining operations during the year. Violation of 45 (c) of MCDR, 2017 is pointed out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening Stock: 4060 T ROM Production – nil, Dispatch: nil Closing Stock: 4060 T.	Appears to be correct.	No mining operations during the year.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production	Cost of production – zero	Appears to be correct.	No production during the year.

	cost			
9i	Scrutiny of Annual return on fixed assets	Value of Fixed Assets: Rs 8912500	Appears to be incorrect since fixed asset on plant, building furnished.	Violation of 45 (c) of MCDR, 2017 is pointed out.
9k	Scrutiny of Annual return on mining machineries	Dumper : 02 Other HEMM machinery: 01	Appears to be incorrect.	No machines found in the mine. Violation of 45 (c) of MCDR, 2017 is pointed out.

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -Details of the Violations Pointed-out during Inspections:

नियम	उल्लंघन के प्रकार का ब्यौरा
45(5)(c)	In annual return for financial year 2020-21 following discrepancies are observed; (i) land use information is furnished incorrectly. (ii) The updated reserves and resources at the end of the year are furnished incorrectly. (iii) Information on plantation, waste and top soil are furnished incorrectly. (iv) Information on fixed assets is furnished incorrectly

During the previous inspection on dated 16.09.2019, violations of Rule 11 (1), 26 (2), 28(1), 35, and Rule 45 (5) (b) (c), 54 were pointed out. The violations pointed out are complied.

Date:

(D.Dash)

Senior Mining Geologist