

## MCDR INSPECTION REPORT

### 1.0 GENERAL

Sl.N	PARTICULARS	DETAILS
1	File No.	CHG/BSTLst-16/ Raipur
2	Name & Designation of the inspecting officer	Shri D.Dash Senior Mining Geologist
3	Date of Inspection	11.05.2022
4	Date of Last Inspection & Officer	14.12.2017 Shri Rudra Narayan Mishra, Sr Mining Geologist
5	Accompanying mine personnel	Shri Pradeep Goyal, Mine Owner
6	Name of the Mine	Chhaparbhanpuri Limestone Mine
7	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non- forest: 1.53 hect .Forest Land: 00.00 hect. Total Land: 1.53 hect.
8	Mine code	38CHG1008
9	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9486/2012
10	Name of the lessee, Address, phone, email and fax number	Shri Pradeep Goyal, Geedam Road, Nayapara, P.O. Jagdalpur, Dist. Bastar, Chhattisgarh,- 494001, email- <a href="mailto:pradeepgpel149@gmail.com">pradeepgpel149@gmail.com</a> , <a href="mailto:tanishgoel1102@gmail.com">tanishgoel1102@gmail.com</a> , Mobile no. 9425258512, 8871150512
	Village	Chhaparbhanpur
	Taluka/Mandal	Jagdalpur
	District	Bastar
	Pincode	494010
	State	Chhattisgarh
	Post office	Chhaparbhanpur
11	Nearest police station	Baranji
12	Nearest Railway station	Jagdalpur
13	Date of Grant of Mining Lease	22.02.2001
14	Date of Execution	22.02.2001
15	Date of opening of Mine	02.04.2002
16	Weekly day of rest	Wednesday
17	Date of first Renewal, if applicable and its period & expiry	Lease period has not been extended under Section 8A (3) of MMDR Act, 2015. The State Government has issued Show cause notice to the lessee for lapsing of lease since the lease was nonworking for more than 02 years. The lessee has relied to the show cause notice.

18	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not appointed.
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	None
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.	None
23	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved on 22.11.2000, vide letter no. BST/LST/MPLN-722/NGP for the period from 2002-03 to 2006-07. .
24	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	1st Scheme of Mining approved on 02.04.2007 vide letter no. BST/LST/MPLN-722/NGP for the period from 2007-08 to 2011-12  2nd Scheme of Mining approved on 26.03.2013 vide letter no. DRG/LST/MPLN-07/NGP for the period from 2012-13 to 2016-17.  Modified Mining Plan approved on 16.11.2018 vide letter no. BST/LST/MPLN-1133/2017-RPR for the period from 2017-18 to 2021-22.
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- B, Manual
28	Captive/Non-Captive	Non-Captive mine

29	EC for ROM Prod: Date of Issue:	Mine is non-working for last 04 years due to lack of Environmental clearance.
30	FA amount Rs Valid up to:	The lessee has submitted Financial Assurance of Rs. 5,00000/- by way of bank guarantee valid up to 31.03.2022

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	Nil	The mine was non-working during the period due to lack of environment clearance.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	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	Nil	
1e	Balance reserves as 01.04. 2021 (million tonnes)	111: 0.066 221: 1.029	111: 0.099 222: 1.029	
1f	General remarks of inspecting officer on geology, exploration etc.	The deposit is a regular stratified bedded deposit . This deposit was first reported by DGM, Chhattisgarh and some regional scale prospecting work was done. In one borehole drilled by DGM up to 50m depth Limestone was proved up to 50m depth. During the year July-August, 2017, the lessee has drilled 04 boreholes (2 core & 2 DTH) up to 30m depth and thus proved Limestone existence up to 30m depth. In the lease area, two quarry up to depth of 5m have been developed. Further exploration in form of boreholes needs to drilled up to full depth of mineralisation at a regular grid pattern to cover the entire area under G1 scale of exploration.		

### **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 E100 to E 200 to N591187.87 and N00 to S100	Nil	The mine was non-working during the period due to lack of environment

				clearance.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Top soil /overburden available as such. OB proposed for dumping on 7.5m safety barrier zone on western side of the lease area	No bench for top soil. No ob dumping during the year	-do-
2c	Stripping ratio or ore to OB ratio	1 : 0.02	Nil	No waste generated
2d	Quantity of topsoil generation in Tonnes	Nil	Nil	No top soil envisaged.
2e	Quantity of overburden generation in m <sup>3</sup>	500cum	Nil	No waste generation reported.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mine was non-working during the period due to lack of environment clearance. The state has issued Show cause notice seeking the reason why the lease should not be lapsed as the mine was non-working for period of more than 2 years. The lessee has replied to the show cause notice.		

### **3.0 EXPLOITATION**

<b>S.N.</b>	<b>ITEM</b>	<b>PROPOSAL (2020-21)</b>	<b>ACTUAL WORK (2020-21)</b>	<b>REMARK</b>
3a	Number of pits proposed for production	01	Nil	The mine was non-working during the period due to lack of environment clearance. The mine was also non-working during the period 2021-22.
3b	Quantity of mineral production proposed	8752 T	Nil	-do-
3c	Recovery of saleable/usable mineral from production	8752T	Nil	-do-
3d	Quantity of mineral reject generation	Nil	Nil	Not generated.
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-do-
3f	Quantity of sub-grade mineral	Nil	Nil	-do-

	generation			
3g	Grade of sub-grade mineral generation	180 tonnes	Nil	
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	Nil	Mine is non-working
3k	Provision of mining machineries in mineral benches	No drilling and blasting proposed	Nil	Manual mining done.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Overall height of bench-02m	Height in Mineral has been kept as 2 m Meter at present	
3m	Total area covered under excavation/pits	0.791 Hectares	1.2 ha (as per Annual Return 2020-21)	Area degradation is marginally on higher side.
3n	Ore to OB ratio for the pit/mine during the year	1:0.02	Nil	No waste generation reported.
3o	Total area put in use under different heads at the end of year	Area under mining: 0.791 ha, waste dump,- 0.168 ha, roads- 0.007 ha	Area under mining: 1.15 ha, waste dump- 0.08 ha, road- 0.25 ha as per Annual Return	No violation pointed out due to marginally higher land use due to quarry development.
3p	Production of mineral during last Three - year period, as applicable (tones)	2017-18 - 8305	1873	The mine was non-working during the period due to lack of environment clearance.
		2018-19 - 8305	0	
		2019-20 - 8782	0	
		2020-21 - 8782	0	
		2021-22 - 9750	0	
3q	General remarks of inspecting officer on method of mining etc.	The mine was non-working during the period due to lack of environment clearance. The state Government has issued show Cause notice to the lessee as show cause why his lease should not lapse consequent non-working for a period of more than 02 years. The lessee has submitted his reply to the state government.		

#### **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.	Nil	No waste generation reported from the mine since entire lease area is exposed by development of quarry.
b	Location of topsoil, OB & mineral reject dumps	Top soil-Nil Mineral reject-NIL Waste dump : N 100 to N00 and E00 to E 100	Waste dump : N 100 to N00 and E00 to E 100 <b>Top soil stack : nil</b>	Waste are spread over 7.5m safety barrier zone on western side as proposed in approved Mining Plan.
4c	Number of dumps within lease area and outside lease area	01	<b>01</b>	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Proposed beyond UPL	beyond 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	No	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	Waste is proposed to be dumped on 7.5m safety barrier zone on western side of the lease area. Waste dumping done as proposed. No waste generation reported during the year 2020-21.		

## **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.	No Violation of 26(2) of MCDR, 2017 is pointed out since the lease is non working since last 04 years. .
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	
	iii) No. of saplings planted during the year	Nil	Nil	Not proposed
	iv) Cumulative no. of plants	Nil	Nil	Not proposed.
	v) Any other specific method of rehabilitation	Nil	Nil	Not proposed.
	vi) Cost incurred on watch & care during the year	Not specific	Not	

			furnished.	
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	100 saplings nil Plantation	100saplings Nil	The mine is non-working. Lease lapsing proposal moved.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Not proposed.	Not done	-do-
6f	General remarks of inspecting officer on PMCP compliance & progressive	Plantation on waste dump @ 100 saplings per year proposed. During the year 2020-21, 100 saplings have been planted		

### 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 mine is non-working since last 04 years 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.	
7e	General remarks of inspecting officer on Mineral conservation &	ROM envisaged to be directly made saleable after manual breaking and sorting. .		



	beneficiation issues	
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### **8.0 ENVIRONMENT**

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
8a	Separate removal and utilization of topsoil (Rule 32)	Nil.	Nil	
8b	Concurrent use or storage of topsoil	Proposed	-do-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate waste dump area is proposed.	Waste is dumped on designated space.	
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 @ 100 saplings/ per year	280 saplings planted as on 01.04.2021.	
8g	Survival rate	Not mentioned.	Nil	
8h	Water sprinkling on roads to control airborne dust	Not proposed.	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The entire lease is covered by development of two quarries. The surrounding area aesthetic is undisturbed by the mining activity.		

### **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	Returns submitted on time.	Information is correct.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager: No Mining Engineer: None Mining Geologist: None		The mine is non-working since last 04 years due to lack of EC. Thus

				Violation of Rule 55 (1) (c) (i) of MCDR, 2017 is not pointed out.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area Under Pit: 1.2 Hectares. Waste dump- 0.02 ha, Occupied by plant, building & Roads: 0.25 ha	Information appears to be correct.	.
9d	Scrutiny of Annual return on afforestation	Nos of plantation during the yr .within lease area-100	Appears to be correct.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Appears to be correct.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening Stock: 422T ROM Production – Nil, Dispatch: nil, closing stock- 0	Appears to be correct.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production – Rs 0	Appears to be correct.	
9i	Scrutiny of Annual return on fixed assets	Value of Fixed Assets: Rs 322851 towards plant & machinery.	Appears to be correct.	
9k	Scrutiny of Annual return on mining machineries	Crusher : 6 tonnes per hour capacity	Appears to be incorrect.	

10- Details of violations observed during current inspection and compliance position of earlier violation

Since the mine is non-working for a period of 04 years due to lack of Environment clearance no violation based on field visit is pointed out. This office vide letter dated 22.02.2022 pointed out violation of Rules 11 (4) and 27 (2) of MCDR, 2017. The lessee has not responded. Therefore, a Show Cause notice was issued as below:

नियम	उल्लंघन के प्रकार का ब्यौरा
11(4)	The previous Modified Mining Plan approved vide letter no. BST/LST/MPNL-1133/2017-Raipur dated 16.01.2018 for the proposed period of 2017-18 to 2021-22.  Review of Mining Plan has not been submitted to the competent authority 180 days before expiry of five years period for which it was approved on last occasion for mining operations

	for a period of five subsequent years.
27 (2)	In Compliance to the gazette notification no. G.S.R. 780 (E) dated 03rd November, 2021, the difference of Financial assurance (FA) as required under Rule 27 (1) and the FA already submitted in the form of bank Guarantee (BG) has not been submitted to this office within 90 days from the date of the notification.

During the previous inspection on dated 14.12.2017, no violation is pointed out.

Date: .....

(D.Dash)

Senior Mining Geologist