

MCDR INSPECTION REPORT 2021-22

General:

Sl .No	Particulars	Details
	File No.CHG/RAP/LST-57/NGP	
1	Name of the Mine	Lalpur Limestone Mine
2	Date of Inspection:	13.02.2023
3	Name of Inspecting Officer	Soumallya Roy, AME
4	Name of official accompanying inspection	Shri Praveen Singh(Representative of) Owner
5	Last date of Inspection & Officer	18.01.2022, Shri Arun Kumar Gadatia, Assistant Mining Engineer
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease area-4.479 Ha.(NF)
7	Mine code	38CHG14003
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/10231/2012
9	Name of the Lessee, Address, Phone, email and fax number	Shri Akhilesh Kumar Singh, C/o-Arjun Kumar Singh, Balaji Colony, Mandir Hassoud, Dist-Raipur 492101(CG)
10	Village	Lalpur
11	Taluka/Mandal	Raipur
12	District	Raipur
13	Pin code	493111
14	State	Chattisgarh
15	Post Office	Donde Kala
16	Nearest Police Station	Vidhansabha
17	Nearest Railway Station	Mandhar
18	Date of Grant of Mining Lease	26.07.1999 to 25.07.2019 for 20 years
19	Date of Execution	26.07.1999
20	Weekly day of rest	Sunday
21	Date of First Renewal, if applicable and its period & expiry	NA
22	Date of Second Renewal, if applicable and its period & expiry	NA
23	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
24	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Akhilesh Kumar Singh, C/o-Arjun Kumar Singh, Balaji Colony, Mandir Hassoud, Dist-Raipur 492101(CG)
25	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
26	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Not appointed.
27	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Not appointed. Mine is not working due to want of EC.
28	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed. Mine is not working due to want of EC.
29	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Review of Mining plan under Rule 17(2) of MCR, 2016 Vide letter no. RPR/LST/MPLN-1209/2019- Raipur dated 04/07/2019 For period-(2019-2020 to 2023-24)
30	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	-
31	Mineral(s) granted in lease and approved for Mining	Limestone
32	Method of Mining (Opencast, Underground)	Opencast
33	Category (Fully Mechanized, Others or Manual)	A-OTFM

34	Captive/Non-Captive	Non-captive
35	Present EC Status	No EC. Lessee has applied for EC to MOEFC in October, 2017 for capacity of 15,000 tonnes per year and it is under process.
36	Status of Financial Assurance	Rs. 10, 00,000/- up to 27.06.2024. Bank Gurantee No. 1066ILG000819

Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:

1.0 Exploration:

S.n.	Item	Proposals (2021-22)	Actual Work(2021-22)	Remarks
1a	Backlog of previous year proposals	Not proposed.	Nil.	-
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	As per the approved document, Resource was calculated under G1 category.	-
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not furnished in approved document.	Nil.	-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No exploration is carried out afresh. It was proposed in the approved Modified Mining plan to drill two boreholes but it could not be done due to discontinuance of mining operation since April, 2015 due to non- availability of EC from the competent authority.		
1e	Balance reserves as on 01.04.2022 (in Million Tonnes)	As per approved Review of mining Plan: Total Mineral Reserve 169409 T (121). Remaining Resource- 99323T(221 & 222)	Balance reserves as on 01.04.2022: Total Mineral Reserve- 169409 T (121). Remaining Resource- 99323T(221 & 222)	
1f	General remarks of Inspecting officer on geology, exploration etc.	The mine is non-working due to environmental clearance.		

2.0 Development:

S.N	Item	Proposals (2021-22)	Actual Work(2021-22)	Remarks
2a	Location of Development w.r.t. lease area	Southern side from eastern side towards western side of the lease area.	Mine is not working due to want of EC.	Mine is not working due to want of EC.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Mineral bench height-3m.	Mines is not working due to want of EC	-do-
2c	Stripping ratio or ore to OB ratio	1:0	Nil	-do-
2d	Quantity of topsoil generation in m3	Nil	Mine is not working due to want of EC.	-do-
2e	Quantity of overburden generation in m3	Nil	Mines is not working due to want of EC.	-do-
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mine is not working due to want of EC and during the mine visit it was observed that pit was water logged.		

3.0 Exploitation:

S.N	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
3a	Number of pits proposed for production	One	Nil	Mine is not working due to want of EC.
3b	Quantity of ROM mineral production proposed in tonne	14250 Tonne	Nil	-do-
3c	Recovery of Salable/usable mineral from ROM production tonne	14250 Tonne	Nil	-do-
3d	Quantity of mineral reject generation tonne	Not proposed.	Nil	-do-
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Nil	-do-
3f	Quantity of sub-grade mineral generation	Not proposed	Nil	-do-
3g	Grade of sub-grade mineral generation	Not applicable.	Nil	-do-
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Nil	-do-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed.	Not done.	Mine is not working due to want of EC.

3j	Provision of drilling & blasting in mineral benches	Drilling and blasting proposed.	Not done.	Mine is not working due to want of EC.
3k	Provision of mining machineries in mineral benches	Mining operation carried out mechanically by drilling through jack hammer and loading through loader to trippers.	Not done.	Mine is not working due to want of EC.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Mine is not working due to want of EC.	
3m	Total area covered under excavation /pits	2.40 hect. during plan period.	Mine is not working due to want of EC.	
3n	Ore to OB ratio for the pit/mine during the year	1:0	Nil	Mine is not working due to want of EC.
3o	Total area put in use under different heads at the end of year	3.20 ha during plan period.	Mines is not working due to want of EC	
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2017-18: 15000 T	2017-18: Nil	Mine is not working due to want of EC.
		2018-19: 15000 T	2018-19: Nil	
		2019-20: 14250 T	2019-20: Nil	
		2020-21: 14250 T	2020-21: Nil	
		2021-22: 14250 T	2021-22: Nil	
3q	General remarks of inspecting officer on method of mining etc.	Mine is non-working due to EC.		

4.0 Solid Waste Management-Dumping:

S.N	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal	Nil	No generation of waste observed.
4b	Location of topsoil, OB & mineral reject dumps	No proposal	Nil	No dumps observed.
4c	Number of dumps within lease area and outside lease area	Nil	Nil	-do-
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	-do-
4e	Number of Active & Alive dumps	Nil	Nil	-do-
4f	Number of dead dumps	Nil	Nil	-do-
4g	Number of dumps established	Nil	Nil	-do-
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not applicable	Nil	
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	Mine is not working due to want of EC therefore no waste generation.		

5.0 Solid Waste Management-Backfilling:

S.N	Item	Proposals(2021-22)	Actual Work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Nil	The mine is non-working.
5b	Area under backfilling of mined out area	Not proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Nil	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mine is non-working and the area is not matured for backfilling.		

6.0 Progressive Mine Closer Plan:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2).	Yes	Mines is not working due to want of EC	Mine is not working due to want of EC
6b	Management of worked/mined out benches i)Area available for rehabilitation (Ha)	Nil	Nil	Mine is not working due to want of EC and no area is mined out.
	ii)Afforestation done (ha)	Nil	Nil	-do-
	iii)No. of saplings planted during the year	Nil	Nil	-do-
	iv)Cumulative no. of plants	Nil	Nil	-do-
	v)Any other specific method of rehabilitation	Nil	Nil	-do-
	vi)Cost incurred on watch & care during the year	Nil	Nil	-do-
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	Not proposed.	Nil	Mine is not working due to want of EC and no area is mined out.
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	i) Nil ii) Nil iii) Nil	i) Nil ii) Nil iii) Nil	Mine is not working due to want of EC.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Mine is not working due to want of EC.	Mine is not working due to want of EC.
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mine is not working due to want of EC.		

7.0 Mineral Conservation:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Proposed production 14250 T	Nil	Mine is not working due to want of EC.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Nil	Mine is not working due to want of EC.
7c	Different grade of mineral sort out at mine	Not proposed	Nil	Mine is not working due to want of EC.
7d	Any beneficiation process at mines	Not proposed	Nil	Mine is not working due to want of EC.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No remark as mine is non-working.		

8.0 Environment:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Nil	Nil	Mine is not working due to want of EC.

8b	Concurrent use or storage of topsoil	Not proposed	Nil	-do-
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed	Nil	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Nil	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	-do-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Existing 200No.Proposal 100 no. saplings	70 no. trees planted	Reported in AR.
8g	Survival rate	Not proposed	50%	Reported in AR.
8h	Water sprinkling on roads to control airborne dust	Proposed.	Mine is not working due to want of EC.	Mine is not working due to want of EC.
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mine is not working due to want of EC.		

9.0 Compliance of Rule 45:

SN	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to January 2023.	AR submitted up to for the year 2021-22.	Mine is not working due to want of EC.
SN	Item			
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information of Geologist is not furnished.	Mine is not working due to want of EC.	Mine is not working due to want of EC.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished in AR.	Pit- 2.40 Ha, Occupied by plant, buildings, residential, welfare buildings & roads-0.450 Ha, Other Purpose- 0.200 Ha.	-Do-
9d	Scrutiny of Annual return on afforestation	Within lease area-70No.	observed during inspection.	-Do
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	-Do
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock-10835.850 tonne	Appears to be correct.	-Do
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil.	Nil.	-Do
9i	Scrutiny of Annual return on Fixed assets	Fixed assets-Nil	Nil	-Do
9k	Scrutiny of Annual return on mining Machineries	Details not furnished.	No machineries observed.	-Do

10- (a) Compliance position of earlier violation pointed out: -

No violations are pointed out during inspection

Date: 24/02/2023

Signature:
Name: (S Roy)
Designation: AME