

MCDR INSPECTION REPORT 2020-21

1.0 GENERAL:

SN	Particulars	Details
1	Name of inspecting office & designation	Shri. Arun Kumar Gadatia Asst. Mining Engineer Indian Bureau of Mines, Raipur
2	Accompany with Mine Officials	Mining Engineer of M/s Panchmukhi Enerterprises Pvt Ltd.
3	Date of inspection	18/01/2022
4	Name of the Mine	Bitkuli Limestone Mines 7.578 Ha
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest Land- Nil Non Forest Land- 7.578 Ha Total Lease area- 7.578 Ha
6	Mine Code	38CHG014013
7	IBM Registration Number under rule 45 of MCDR, 2017	IBM/12932/2012
8	Name of the lessee, Address, phone, email and fax number	M/s PANCHMUKHI ENTERPRISES Partner Shri Sanjay Agarwal and Shri Dilip Agarwal Bajrang Chowk, P.O-Neora(Tilda), Distt-Raipur, Chhattisgarh- 493114 Mobile no.(O) 9425514421 Phone: 07721-233563 Email: ashish_happy143@yahoo.co.in
9	Village	Bitkuli
10	Taluka / Mandal / District	Simga, Baloda Bazar
11	State	Chhattisgarh
12	Post office & PIN	Suhela , 493195
13	Nearest police station	Suhela
14	Nearest Railway station	Hathbandh
15	Date of Grant of Mining Lease	15/01/2002
16	Date of Execution	Executed: 15/01/2002 From 15/01/2002 to 14/01/2032
17	Date of opening of Mine	28/04/2002
18	Date of first Renewal, if applicable and its period & expiry	As per section 8A of MMDR Amendment Act, 2015 validity of the lease period: 15/01/2032 to 14/01/2052(20 Years) Supplementary lease deed has not been made for extended period.
19	Date of second Renewal, if applicable and its period & expiry	Not Applicable.
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable.
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Shivendre Kumar, Mnes Manager Simga, Baloda bazar (C.G)
22	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Name: Designation: Shri Shivendre Kumar, Mnes Manager Simga, Baloda bazar (C.G)

23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Name: Designation: Shri Shivendre Kumar, Mines Manager Simga, Baloda bazar (C.G)
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Name: Designation: Shri Shivendre Kumar, Mines Manager Simga, Baloda bazar (C.G)
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Mining Engineer appointed.
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mine plan approved vide letter no: RAP/LST/MPLN-763/NGP Nagpur dated 14/03/2002 Proposal period :2002-03 to 2006-07
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 st Scheme of Mining approved vide letter no. RAP/LST/MPLN-763/NGP Nagpur dated 11/01/2007 Proposal Period : 2007-08 to 2011-12 2 nd Scheme of Mining approved vide letter no. RAP/LST/MPLN-763/NGP Nagpur dated 17/07/2015 Proposal Period : 2012-13 to 2016-17 1 st Review of Mining plan approved vide letter no. BBR/LST/MPLN-1077/2017-RPR Raipur dated 13/04/2017 Proposal Period : 2017-18 to 2021-22
28	Mineral(s) granted in lease and proved for mining	Limestone
29	Method of Mining(Open cast, Underground)	Open cast
30	Category (Fully Mechanised, Others or Manual)	Category 'A'Mechanized
31	Captive/Non Captive	Non-Captive
32	Existing EC Limit and validity	Environment clearance obtained from State Level Environment Impact Assessment Authority, Chattisgarh vide letter no. 410/SEAC-CG/EC/Mining/RYP/115/05 Raipur dated 08/12/2009 for mining of Limestone 3,00,000 Tonnes per anum. Valid upto 14/01/2032.
	Status of Financial Assurance as per rule 27 of MCDR, 2017	Rs. 15 Lac valid upto 03/04/2022.

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

1.0 Exploration:

SN	Item	Proposals	Actual work	Remarks
1a	Back log of previous year	Proposal not given in the approved document.	Not applicable	No comment.
1b	Exploration over lease area for Geological axis 1 or 2.	Proposal not given in the approved document.	Not applicable	As per last approved document, the entire lease area

				has already been explored under G1 level of exploration.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Proposal not given in the approved document.	Not Applicable.	No comment
1d	Balance area to be explored to bring Geological axis in 1 or 2	Proposal not given in the approved document	Not Applicable.	As per last approved document, the entire lease area has already been explored under G1 level of exploration.
1e	Balance reserves as on 01.04.2018 (in Million Tonnes)	Under (111): 3.817 Million Tonnes Under (221): 1.388 Million Tonne	Under (111): 3.817 Million Tonnes Under (221): 1.388 Million Tonnes	No production has been reported in the online submitted monthly return.
1f	General remarks of inspecting officer on geology, exploration etc.	As per last approved document, the entire lease area has already been explored under G1 level, so no proposal for additional exploration has been made by the lessee.		

2.0 Development:

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area (Range in UTM/Local Coordinate/Plot No./Location)	Pit No.1	Nil	Mine was non-working due to COVID-19 pandemic from 01.01.2020.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)			
2c	Stripping ratio or ore to OB ratio	1:0.24	Nil	No production/top soil generation was reported in the monthly returns.
2d	Quantity of topsoil generation in m3	525 Cubic Meter	Nil	No top soil generation was reported in the returns.
2e	Quantity of overburden generation in m3	2392 Cubic Meter	Nil	The waste generation was reported in the returns
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	At the time of inspection no working was going on at the mine because the mine was non-working since 01.01.2020 due to COVID-19 pandemic.		

3.0 Exploitation:

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	01	Nil	At the time of inspection no work was carried out.
3b	Quantity of ROM mineral production proposed	225645 Tonnes	No production.	At the time of inspection no work was carried out in the mine. Mine was non-working due to COVID-19 pandemic from 01.01.2020.
3c	Recovery of salable/usable mineral from ROM production	95%	Not applicable	No production was reported in the returns.
3d	Quantity of mineral reject generation	4605 Tonnes	Nil	No mineral reject was reported in the returns.
3e	Grade of mineral reject generation and threshold value declared	Not mentioned in approved document.	Not applicable.	No comment.
3f	Quantity of sub-grade mineral generation	No sub-grade mineral will be produced during mining.	Not applicable.	No comment.
3g	Grade of sub-grade mineral generation	Not applicable	Not applicable.	No comment.
3h	Manual / Mechanised method adopted for segregating from ROM	No processing of ROM or Mineral reject proposed.	Not applicable.	No comment.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation study has been proposed during plan period.	Not applicable.	No comment.
3j	Provision of drilling & blasting in mineral benches	Spacing:3.0 mtr Burden: 3.0 mtr Depth: 6.0 mtr Drilling machineries 1.Elgi 85 mm dia 2.Atlas copco 34 mm dia	No drilling or blasting operation was seen during visit.	No comment as the mining activity was closed from 01.01.2020 due to COVID-19 pandemic.
3k	Provision of mining machineries in mineral benches	Excavator, Dozer, Dumper	Excavator, Dozer, Dumper	No mining activity was seen during visit since mine was closed from 01.01.2020 due to COVID-19 pandemic.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height: Overburden: 0.10m Mineral/Ore: 6.0 m Bench width 12.0 m	Bench height maintained as per proposal.	No mining activity was seen during visit.
3m	Total area covered under excavation/pits	4.078 ha up to end of plan period.	Could not be ascertained as no updated plan and sections are prepared and made available during inspection.	No comment.
3n	Ore to OB ratio for the pit/mine during the year	1:0.024	Nil	No production/top soil generation was reported in the monthly returns.
3o	Total area put in use under different heads at the end of year	Pit-4.078 Ha Waste/Reject-0.165 Ha Other- 0.147 Ha upto the end of plan period	Could not be ascertained as no updated plan and sections are prepared and made available during inspection.	No comment.
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	Yr-2016-17: 195000.00 MT Yr-2017-18: 225645.00 MT Yr-2018-19:225645.00 MT Yr 2019-20:225645.00 MT Yr 202-21 : 225645.00 MT	Yr-2016-17:95400.00 MT Yr-2017-18:118623.480 MT Yr-2018-19: Nil Yr-2019-20: Nil Yr-2020-21: Nil	No mining activity was seen during visit since mine was closed from 01.01.2020 due to COVID-19 pandemic.
3q	General remarks of inspecting officer on method of mining etc.	The method of mining is by opencast method (Mechanised)) as per proposal using Excavator-Dumper combination and deep hole drilling and blasing. However at the time of inspection no mining activity was seen as the mine was non-working due to COVID-19 pandemic from 01.01.2020.		

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 36, 37)	OB: South western part of the lease area.	No topsoil and OB generated during the year.	No topsoil and OB generated during the year
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	Directly used for afforestation purpose, no proposal for stacking.	No topsoil and OB generated during the year.	No comment

4c	Number of dumps within lease area and outside lease area	Within lease area: 01 No.	Within lease area: 01 No.	No comment
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	As per proposal.	As per proposal	No comment
4e	Number of active & alive dumps	Active & Alive: 01 No.	Active & Alive: 01 No.	No comment
4f	Number of dead dumps	Not mentioned in the approved document.	Not Applicable.	No comment
4g	Number of dumps stabilised	Not proposed in the approved document.	Not Applicable.	No comment
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed in the approved document	Not Applicable.	No comment.
4i	Length of Retaining wall or garland drain all along dump	Not proposed in the approved document	Not Applicable.	No comment
4j	Number of settling ponds	Not proposed in the approved document	Not Applicable.	No comment
4k	Specific comments of inspecting officer on Waste Dump Management	No topsoil and OB generated during the year.		

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 the approved document.	Not Applicable.	No comment.
5b	Area under backfilling of mined out area	Not proposed in the approved document.	Not Applicable.	No comment.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Directly used for afforestation purpose, no proposal for stacking.	As per proposal.	No comment.
5d	Total area fully reclaimed & rehabilitated	No reclamation and rehabilitation activities have been proposed in the document during plan period.	Not Applicable.	No area is mined out.
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposal for backfilling and reclamation during this year and the area is not matured for backfilling.		

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 23. Details should be given in the format as given in Annexure-20.	PMCP report to be submitted.	Submitted.	No comments
6b	Management of worked/mined out benches	No Proposal.	Not Applicable	No area is mined out
6c	Compliance on reclamation and rehabilitation by backfilling	No Proposal	Not applicable.	No area is mined out
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	Not applicable	No waste land present within lease area.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Not proposed in the approved document.	Not applicable	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	Nil		

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	Directly despatched from the mine without sorting.	Nil	Nil dispatched .
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No processing of ROM or Mineral reject proposed.	Not applicable.	No comment
7c	Different grade of mineral sorted out at mines	Not Proposed in the approved document.	Not Applicable.	No comment
7d	Any beneficiation process at mines	No processing of ROM or Mineral reject proposed	Not Applicable.	No comment
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues.	Nil.		

8.0 Environment :

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Top soil to be used for plantation.	Nil	No generation of top soil as per return submitted by the lessee.
8b	Concurrent use or storage of topsoil	Top soil to be used for plantation.	Not applicable.	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	01 no. of waste /overburden dumps proposed,	During visit 01 no. Of waste/ overburden dump was observed.	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Not Applicable.	No comment.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Not Applicable.	No comment
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	100 nos plantation during 2020-21.	None of the plants have been planted.	No comment as the mining activity was closed from 01.01.2020 due to COVID-19 pandemic.
8g	Survival rate	Not mentioned in approved document.	None of the plants have been planted.	-
8h	Water sprinkling on roads to control airborne dust	Not mentioned in approved document	At the time of inspection no mining activity was seen.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Nil. At the time of inspection no mining activity was seen.		

9.0 Compliance of Rule 45:

S.N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto – February 2021 A.R. submitted upto -- 2020-21	Nil

S.N.	Item	Details GIVEN in A.R. (2020-21)	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager.	Mines manager Shri. Jitendra Kumar Shriwas Mining Engineer in charge: Shri.	During inspection the Mining Engineer was present.	Nil

		Arpit Agarwal,, Geologist: Shri Ashok John.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil reported.	Pit- 4.078 Ha. up to end of plan period as per the approved document. Information has been obtained from the last approved document.
9d	Scrutiny of Annual return on Afforestation .	Nil reported	Nil plantation.	No comment as the mining activity was closed from 01.01.2020 due to COVID-19 pandemic.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil reported.	Nil	At the time of inspection no mining operation was carried out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil reported.	Nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil reported.	Nil	-
9i	Scrutiny of Annual return on fixed assets	Not given in annual report.	Nil.	-
9k	Scrutiny of Annual return on mining machineries	Tipper	Could not be ascertained as no record has been maintained.	-

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

During the current inspection no serious violation pointed out.

Date of Last Inspection, Name and Designation of the Inspecting Officer:

Shri. S Kartikeya, Junior Mining Geologist, Date of Inspection 05/06/2018. and the violations of Rules 11(1), 14(3), 19(1),(2)&(3), 26(2), 33, 36(2), 37(2), 40,41&42, 45(7), 54, 55 & 63(3) were pointed out. The violations have been rectified.

(Name of the inspecting Officer)

**Arun Kumar Gadatia
Asstt. Mining Engineer
Raipur Regional office**