

MCDR INSPECTION REPORT 2021-22

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Panchmukhi Limestone Mine
2	Date of Inspection:	02/12/2022
3	Name of Inspecting Officer	Shri Dayanand Upadhyay
4	Name of official accompanying inspection	Shri Dilip Agrawal, Shri Sanjay Agrawal
5	Last date of Inspection & Officer	18/01/2022, Shri A. K. Gadatia, AME
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-forest : 7.578 ha.
7	Mine code	38CHG14013
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM / 12932 / 2012
9	Name of the Lessee, Address, Phone, email and fax number	M/s Panchmukhi Enterprises, Partner - 1. Dilip Agrawal, 2. Sanjay Agrawal Sanjay Agrawal (Partner), Bajrang chowk, P.O. - Neora (Tilda), Dist. - Raipur (C.G.), Pin-493114, Email-ashish_happy143@yahoo.co.in
10	Village	Bitkuli
11	Taluka/Mandal	Simga
12	District	Baloda-Bazar, Bhatapara
13	Pin code	Suhela, Pin Code : 492 195
14	State	Chhattisgarh
15	Post Office	Suhela
16	Nearest Police Station	Suhela
17	Nearest Railway Station	Hathbandh
18	Date of Grant of Mining Lease	15/01/2002 15/01/2002 to 14/01/2032
19	Date of Execution	15/01/2002
20	Weekly day of rest	Sunday
21	Date of opening of Mine	03/05/2002
22	Date of First Renewal, if applicable and its period & expiry	NA.
23	Date of Second Renewal, if applicable and its period & expiry	NA.
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA.
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sanjay Agrawal (Partner), Bajrang chowk, P.O. - Neora (Tilda), Dist. - Raipur (C.G.), Pin-493114, Mob no.- 94255 14421 Dilip Agrawal (Partner)-93000 009993 Email-ashish_happy143@yahoo.co.in
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nil

27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri S. K. Verma P.O. - Neora (Tilda), Dist. - Raipur (C.G.), Pin-493114 Email-ashish_happy143@yahoo.co.in
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	-----
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mining plan: RAP/LST/MPLN- 763/NGP, 14-03-2002 From 2002-03 to 2006-07
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Scheme of mining: RAP.LST/MPLN-763/NGP, 11/1/2007 From 2007-08 to 2011-12 Scheme of mining: RAP.LST/MPLN-763/NGP, 17-07-2015 From 2012-13 to 2016-17 Scheme of mining: Approval date 13/04/2017, From 2017-18 to 2021-22
32	Mineral(s) granted in lease and approved for Mining	Limestone
33	Method of Mining (Opencast, Underground)	Opencast
34	Category (Fully Mechanized, Others or Manual)	Mechanized
35	Captive/Non-Captive	Non-Captive
36	Present EC Status	ROM Production: 3,00,000.00 Metric Tonne Per Annum obtained from the State Level Environment Impact Assessment Authority, Chhattisgarh, Ministry of Environment, Forest and Climate Change, Government of India vide letter no.410/SEAC- CG/EC/MINING/RYP/115/09 From 8/12/2009 to mine life
37	Status of Financial Assurance	Rs. 15,00,000/- (Rupees Fifteen Lakhs) vide Bank Guarantee No. 61161 LG 000117 dated - 03/04/2017 Validity - 03/04/2017 to 03/04/2022

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	No Backlog.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Nil	Entire lease area is broken up under pits.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Nil	Entire lease area is broken up under pits.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not proposed	Nil	Entire lease area is broken up under pits.
1e	Balance reserves as on 01.04.2022	As per approved Review of mining Plan: Total Mineral Reserve(111) - 4043175 T Remaining Resource- 1388625 T		Balance reserves as on 01.04.2022: Total Mineral Reserve- 3517303T. Total Remaining Resource- 1388625 T
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area is broken up under pits and as per approved Review of mining plan total lease area 7.578 ha is considered under G1 level of exploration. .		

2.0 Development:

S.N	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
2a	Location of Development w.r.t. lease area	N0.0 to N 200 0.0 and E 300 to E100	NIL	No Development is carried out in 2021-22.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in OB & Ore	No Development is carried out in 2021-22.	No Development is carried out in 2021-22.
2c	Stripping ratio or ore to OB ratio	1:0.024T/cu.m	NIL	No Development is carried out in 2021-22.
2d	Quantity of topsoil generation in m ³	525 cu.m	NIL	No Development is carried out in 2021-22.
2e	Quantity of overburden generation in m ³	25 cu.m	NIL	No Development is carried out in 2021-22.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No Development is carried out in 2021-22, as there is no market demand.		

3.0 Exploitation:

S.N	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
3a	Number of pits proposed for production	01 pit	NIL	In 2021-22, no production is carried due to no market

				demand and pit was waterlogged during inspection.
3b	Quantity of ROM mineral production proposed	2,30,250T	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3c	Recovery of Salable/usable mineral from ROM production	2,25,645T	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3d	Quantity of mineral reject generation	4605T	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3e	Grade of mineral reject generation and threshold value declared	CaO 34-42%	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3f	Quantity of sub-grade mineral generation	4605T	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3g	Grade of sub-grade mineral generation	CaO 34-42%	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3h	Manual/Mechanized method adopted	MECHANISED	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.

	for segregation from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Nil.	Beneficiation not proposed.
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting is proposed	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.

3k	Provision of mining machineries in mineral benches	Shovel and dumper combination	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3l	Whether height of benches in overburden and mineral suitable formethod of mining proposed in MP/SOM	Bench height 6 m, bench width 10 m.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3m	Total area covered under excavation /pits	4.078 upto end of Plan period.	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3n	Ore to OB ratio for the pit/mine during the year	1:0.024	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3o	Total area put in use under differentheads at the end of year	4.410 upto end of Plan period..	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
3p	Production of ROM mineral during last five-years period, as Applicable(tonne)	Yr 2017-18 - 2,30,250T	Yr 2017-18 – 1,29,588.48 t.	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
		Yr 2018-19 - 2,30,250T	Yr 2018-19 - 2,25,536.43 t	
		Yr 2019-20 - 2,30,250T	Yr 2019-20 – 73,493.56 t.	
		Yr 2020-21 - 2,30,250T	Yr 2020-21 – 0.0 t.	
		Yr 2021-22 - 2,30,250T	Yr 2021-22 – 0.0 t.	
3q	General remarks of inspecting officer on method of mining etc	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.		

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)	Separate dumping of topsoil, OB & mineral reject	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.

4b	Location of topsoil, OB & mineral reject dumps	Southern eastern part of lease area.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4c	Number of Dumps within lease area and outside lease area	01 no. within lease area	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Temporary dumping within ultimate pit limit	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4e	Number of Active & Alive dumps	01 no.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4f	Number of dead dumps	Not proposed.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4g	Number of dumps established	Not proposed.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4i	Length of Retaining wall or garland drain all along dump	Not proposed.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4j	Number of settling ponds	Not proposed.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
4k	Specific comments of inspecting officer on waste dump management	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.		

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	Area is not matured for reclamation and rehabilitation.
5b	Area under backfilling of mined out area	Not proposed	NIL	--do--
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NIL	--do--
5d	Total area fully reclaimed & rehabilitated	Not proposed	NIL	--do--
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for reclamation and rehabilitation.		

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)	As per provision of MCDR 2017.	Annual report on PMCP submitted.	Annual report on PMCP submitted.
6b	Management of worked/mined out benches	Not proposed	NIL	NIL
	Area available for rehabilitation (Ha)	Not proposed	NIL	Area is not matured for reclamation and rehabilitation.
	Afforestation done (ha)	0.056ha	0.056ha	Afforestation done in 0.056ha area
	No. of saplings planted during the year	200 nos.	200 nos. of saplings planted	200 nos. of saplings planted
	Cumulative no. of plants	Not specified	In 2021-22, 200 nos. of saplings planted.	In 2021-22, 200 nos. of saplings planted.
	Any other specific method of rehabilitation	Not proposed	NIL	Area is not matured for reclamation and rehabilitation.
	Cost incurred on watch & care during the year	Not specified	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.

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	No proposed.	NIL	Area is not matured for reclamation and rehabilitation.
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Not proposed.	NIL	Area is not matured for reclamation and rehabilitation.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Mine is temporary discontinue.	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.		

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	Total ROM Dispatched.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
7c	Different grade of mineral sort out at mine	Homogeneous grade	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
7d	Any beneficiation process at mines	Not proposed	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.		

8.0 Environment:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed 550 m ³	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
8b	Concurrent use or storage of topsoil	Proposed for plantation.	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Separate dumps for overburden waste rock, rejects	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	NIL	Area is not matured for reclamation and rehabilitation.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	NIL	Area is not matured for reclamation and rehabilitation.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed 200 saplings	200 nos. of saplings in 2021-22	200 nos. of saplings in 2021-22
8g	Survival rate	Not specified.	Survival rate 75%	Survival rate 75%
8h	Water sprinkling on roads to control airborne dust	Water tanker	NIL	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	In 2021-22, no production is carried due to no market demand and pit was waterlogged during inspection.		

9.0 Compliance of Rule 45:

S N	Item	Comments	Remarks
9a	Status of submission of monthly	AR & MR are being submitted.	The mines has been suspended on 23/12/2022 in reference to non-compliance of Rule 45(5) of MCDR 2017.

	and Annual returns			
S N	Item	Details Given in A.R.	Observation of I/Officer	
9 b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer, Geologist employment is furnished	Mining engineer, Geologist employment is furnished	Mining engineer, Geologist employment is furnished
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished in AR.	Land use pattern furnished in AR.	Land use pattern furnished in AR.
9 d	Scrutiny of Annual return on afforestation	200 nos. of plantation.	200 nos. of plantation.	200 nos. of plantation.
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	Nil	Nil
9 g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	Nil	Nil
9i	Scrutiny of Annual return on Fixed assets	Furnished in AR	Furnished in AR	Furnished in AR
9 k	Scrutiny of Annual return on mining Machineries	Nil	Nil	Nil

10- Details of violations observed during last inspection and the compliance status.

The mines has been suspended on 23/12/2022 in reference to non-compliance of Rule 45(5) of MCDR 2017. Further no violation has been observed during current inspection.

Date: 20/01/2023

Signature:
Name: (D. UPADHYAY)
Designation: Sr. ACOM