

I/5124/2023

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LIMESTONE/386

Mine code : 38MPR35355

- (i) Name of the Inspecting : **G005**) **SANJAY M. GIRHE**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 01-DEC-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BIGODI LIMESTONE MINE (184.149 HA**
- (b) **Registration NO.** : **IBM/15031/2013**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State** : **MADHYA PRADESH**
- District** : **SATNA**
- Village** :
- Taluka** :
- Post office** :
- Pin Code** :
- FAX No.** : **+91 22 2204 3615**
- E-mail** :
- Phone** : **022 2204 8467/8468, 2284 2'**
- (f) **Police Station** :
- (g) **First opening date** :
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **Village: Bharauli, Post: Itahara**
correspondance : **Tehsil: Maihar, District: Satna (M.P.) - 485773**
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : **LIMESTONE** **Main**

I/5124/2023

5. Name and Address of the

Lessee : RCCPL Pvt. Ltd.
Satna SATNA MADHYA
PRADESH
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

I/5124/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was proposed during the year 2021-22	No exploration carried out during the year 2021-22	Nil
1b	Exploration over lease area for geological axis 1 or 2	No exploration was proposed during the year 2021-22	No exploration carried out during the year 2021-22	Entire mining lease area was explored in G1 level by detailed exploration during the PL period from 2014 to 2016
1c	Exploration Agencies and Expenditure in lakh rupees during the year	During the year 2021-22 no exploration was proposed	No exploration carried out during the year 2021-22	Entire mining lease area was explored in G1 level by detailed exploration during the PL period from 2014 to 2016 by exploration agency M/s Geotech India, Nagpur.
1d	Balance area to be explored to bring Geological axis in 1 or 2	During the year 2021-22 no exploration was proposed	Entire mineralised area of 163.97Ha explored in G1 level during PL period. Non mineralised area in ML is about 20.17Ha.	Entire mining lease area was explored in G1 level by detailed exploration during the PL period from 2014 to 2016 by exploration agency M/s Geotech India, Nagpur.
1e	Balance reserve as on 01/04/20	Reserves in Million Tonnes Proved(111) - 32.35 Resources in Million Tonnes Feasibility(211): 15.39 As per approved Mining Plan dtd 20.11.2019	Reserves in Million Tonnes Proved(111) - 32.35 Resources in Million Tonnes Feasibility(211): 15.39 As per draft modification in approved Mining Plan submitted to this office	In resources & reserves position there is no change & same has been carry forwarded.

I/5124/2023

1f	General remarks of inspecting officers on geology, exploration etc	No Proposals	No exploration carried out during the year 2021-22	The rocks in the ML area belongs to the Nagod Limestone formation of Bhandar group. The strike direction is NE-SW to ENE-WSW & dipping 5 to 7 degree towards NW. Detailed exploration was carried out in PL stage.
----	--	--------------	--	--

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	During the year development was proposed in between grid E519600 to E519970 & N2699710 to N269980 from 319mRL to 286mRL by forming 6 benches in OB & mineral	Working not carried out as per the proposals	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate bench of 3mts in top soil and 6m for OB benches proposed. Mineral production was not proposed.	No working carried out as per the proposals	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.
2c	Stripping ratio or ore to OB ratio	Not Proposed	Nil. During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance.	During the year 2021-22 no limestone production was proposed and only development proposals were given.

I/5124/2023

2d	Quantity of topsoil generation in m3	483290 CuM	Nil	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.
2e	Quantity of overburden generation in m3	791040 CuM OB generation was proposed in 2021-22	Nil	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development proposals were given in 2021-22	Working not carried out as per the proposals.	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Top soil & OB development & generation proposed from virgin area	Nil.	During the year 2021-22 mining operations were not commenced due to awaited Env. Clearance and notice of opening was also not submitted by the lessee to this office.

I/5124/2023

3b	Quantity of ROM mineral production proposed	No Proposals	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. During the year 2021-22 mining operations were not commenced due to awaited Env.
3c	Recovery of sailable/usable mineral from ROM production	Not Proposed	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3d	Quantity of mineral reject generation	No Proposals	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3e	Grade of mineral rejects generation and threshold value declared.	No Proposals	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3f	Quantity of sub grade mineral generation.	No Proposals	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3g	Grade of sub grade mineral generation	No Proposals	Nil	Nil

I/5124/2023

3h	Manual / Mechanised method adopted for segregating from ROM	No Proposals	Nil	Only top soil & OB development & generation were proposed in 2021- 22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Deep drilling & blasting proposed by 115-110mm dia drilling with spacing of 3.5m & burden of 2.5m	Nil	Only top soil & OB development & generation were proposed in 2021- 22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3k	Provision of mining machineries in mineral benches	No Proposals	Nil	Limestone production was not proposed during the year 2021-22. Only development work of top soil & OB generation was proposed.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of 3mts in top soil & 6mts in OB benches proposed	Nil	Only top soil & OB development & generation were proposed in 2021- 22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3m	Total area covered under excavation/pits	Nil	Nil	Mining operations were not commenced during the year 2021-22 due to awaited Env.

I/5124/2023

3n	Ore to OB ratio for the pit/mine during the year.	Limestone production was not proposed.. Only development work for top soil & OB generation was proposed	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3o	Total area put in use under different heads at the end of year	Nil	Nil	This is fresh grant/mine and mining operations were not commenced during the year 2021-22 due to awaited Env.
3p	Production of ROM mineral during the last five year period as applicable	2020-21-: Not Proposed 2021-22-: Not Proposed	2020-21-: Nil 2021-22-: Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations were not commenced due to awaited Env.
3q	General remarks of inspecting officers on method of mining etc.	Only top soil & OB development & generations were proposed in 2021-22	Nil	Only top soil & OB development & generation were proposed in 2021-22 as this is fresh grant/mine. Mining operations yet to be commenced due to awaited Env.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	OB & top soil dumping was proposed towards north-western part of ML area	Not done	Mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4b	Location of topsoil, OB and mineral reject dumps	OB & top soil dumping was proposed towards north-western part of ML area	Not done	Mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22

I/5124/2023

4c	Number of dumps within lease area and outside of lease area	No dumps within & outside ML area	No dumps within & outside ML area	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No dumps within & outside ML area	No dumps within & outside ML area	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4e	Number of active and alive dumps.	Nil	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4f	Number of dead dumps.	Nil	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4g	Number of dumps established.	No Proposals	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall around dumps was proposed	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22

I/5124/2023

4i	Length of Retaining wall or garland drain all along dumps	Retaining wall around dumps was proposed	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
4j	Number of settling ponds	No Proposals	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	Development & OB generation were proposed in 2021-22	No working carried out during the year 2021-22	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposals	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
5b	Area under backfilling of mined out area	No Proposals	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposals	Nil	This fresh grant/mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22

I/5124/2023

5d	Total area fully reclaimed and rehabilitated	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No working carried out in 2021-22

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July of every year	Not Submitted	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6b	Area available for rehabilitation (ha) .	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6c	afforestation done (ha).	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

I/5124/2023

6d	No. of saplings planted during the year	No proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6e	Cumulative no .of plants	No Proposals	Nil	Nil
6f	Any other method of rehabilitation	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6g	Cost incurred on watch and care during the year	No Proposals	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposals	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposals	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposals	Nil	Nil

I/5124/2023

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposals	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposals	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposals	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

I/5124/2023

7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
7c	Different grade of mineral sorted out at mines.	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
7d	Any beneficiation process at mines	No Proposals	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Seprate removal & stacking was proposed	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

I/5124/2023

8b	Concurrent use or storage of topsoil	Stacking proposed	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Seperate dumping of OB proposed towards north-western part of ML area proposed	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposals	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
8g	Survival rate	No Proposals	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

I/5124/2023

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	During the year 2021-22 necessary proposals were given	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
----	--	--	-----	---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns & Annual Return for the year 2021-22 not submitted	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return for the year 2021-22 not submitted	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return for the year 2021-22 not submitted	Nil	Nil
9d	Scrutiny of Annual return on afforestation	Annual Return for the year 2021-22 not submitted	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return for the year 2021-22 not submitted	Nil	Nil

I/5124/2023

9f	Scrutiny of Annual return on ROM stock and/or graded ore			This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return for the year 2021-22 not submitted	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Annual Return for the year 2021-22 not submitted	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Annual Return for the year 2021-22 not submitted	Nil	This fresh grant/new mine & mining operations yet to be commenced due to awaited Env. Clearance. No mine working carried out in 2021-22

I/5124/2023

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :**(SANJAY M. GIRHE)**

Indian Bureau of Mines