

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/KATNI/LST-294

Mine code : 38MPR47138

- (i) Name of the Inspecting : **K006**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Piyush Vijayvargiya (Representative of Lessee) a
Official with
Designation
- (iv) Date of Inspection : 21-JUL-22
- (v) Prev.inspection date : 11-AUG-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMUANI KHURD**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : KATNI
Village : JAMUWANI KHURD
Taluka : Vijayaraghavgarh
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number : MPR2406
(b) Lease area : 889.76
(c) Period of lease : 30
(d) Date of Expiry : 10-NOV-41
4. Mineral worked : LIMESTONE Main

5. Name and Address of the
Lessee : M/S SANGHI INFRASTRUCTURE M.P.LTD.
KATNI KATNI MADHYA
PRADESH
Phone:
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	Mine operation has not been started in the lease area. Mine opening notice has not been submitted by the lease holder.
1b	Exploration over lease area for geological axis 1 or 2	No proposal	NIL	As per records, no approved document for the RY 2021-22.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Not done	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Complete area to be explored under G1 catagroy as per previous approved document. No proposal in the RY 2021-22	Exploration not done. Area Explored under G1 - 70.74 Hect, G2 - 329.802 Hect., G3 - 413.509 Hect, G4 - 75.706 Hect as per previous approved document.	No approved document for the RY 2021-22
1e	Balance reserve as on 01/04/20		Balance reserved as on 31/04/2022 is 110.99 MT	
1f	General remarks of inspecting officers on geology, exploration etc			The occurrence of limestone in the lease area is stratigraphically controlled and belongs to Rohtas limestone of Semri group of Vindhyan super group. These rocks are structurally undisturbed and show dip of 15-25 degree with general east west trend having northerly dip.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	NIL	As per records, the mine is not opened till date. Mine development is not started in the lease area till date. No mine development proposal in the RY due to lapse period in the year 2021-22.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	NIL	No pit developed proposal due to unavailability of approved document.
2c	Stripping ratio or ore to OB ratio	No proposal	NIL	No mine pit developed as per records.
2d	Quantity of topsoil generation in m3	No proposal	NIL	No mine operation due to unavailability of approved document.
2e	Quantity of overburden generation in m3	No proposal	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine development has not been started in the lease area. Lapse year due to unavailability of approved document.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	NIL	
3b	Quantity of ROM mineral production proposed	No proposal	NIL	

3c	Recovery of sailable/usable mineral from ROM production	No proposal	Not applicable	
3d	Quantity of mineral reject generation	No proposal	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Not applicable	
3g	Grade of sub grade mineral generation	No proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Not done	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Not done	
3j	Provision of drilling and blasting in mineral benches	No proposal	Not done	
3k	Provision of mining machineries in mineral benches	No proposal	No machineries observed during the site inspection.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	NA	
3m	Total area covered under excavation/pits	No proposal	NIL	No approved mining plan for the RY 2021-22

3n	Ore to OB ratio for the pit/mine during the year.	No proposal	NIL	
3o	Total area put in use under different heads at the end of year	No proposal	Old pit - 4.81 Hect	No pit developed or other mine activities in the previous approved document period.
3p	Production of ROM mineral during the last five year period as applicable	2017-18 0 2018-19 0 2019-20 300000 Tonnes 2020-21 1499960 Tonnes 2021-22 NIL(Lapse period)	2017-18 0 2018-19 0 2019-20 0 2020-21 0 2021-22 0	
3q	General remarks of inspecting officers on method of mining etc.			The mine was proposed to develop as fully mechanised opencast mine in the previous approved period. But, mine development has not been started in the lease area. No pit developed as per proposal. No approved document in the RY 2021-22

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal.	NIL	
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Not applicable	

4c	Number of dumps within lease area and outside of lease area	No proposal	NIL	No production and mine development has been done in the aproved period.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NIL	
4e	Number of active and alive dumps.	No proposal	Nil	
4f	Number of dead dumps.	No proposal	Nil	
4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Not done	
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not applicable	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			No production and mine development has been reproted in the previous aproved period. No approved document for the RY.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed	Nil	
5b	Area under backfilling of mined out area	Not proposed	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Nil	
5d	Total area fully reclaimed and rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No reclamation was proposed during the previous approved period. No mining operation has been reported in the RY due to lapse period.

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).	No proposal	Not submitted	Lapse period due to unavailability of approved document. Opening notice of the mine is not submitted by lessee.
6b	Area available for rehabilitation (ha) .	No proposal	Nil	
6c	afforestation done (ha).	No proposal	Nil	
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	No Proposal	Some trees have been observed in the lease area which are naturally grown.	
6f	Any other method of rehabilitation	No proposal	NA	

6g	Cost incurred on watch and care during the year	No proposal	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	No proposal	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	NIL

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Not applicable	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Not applicable	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Yearly PMCP report not submitted under rule 26(2) of MCDR-2017. Mining operation not reported in the previous approved period. No mining operation in the RY due to unavailability of approved document.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NIL	
7c	Different grade of mineral sorted out at mines.	No proposal	NIL	

7d	Any beneficiation process at mines .	No proposal	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			In the previous approved document, ROM mineral was proposed to directly dispatch from mine head to captive plant. But, mine operation commencement has not been reported. Lapse period in the year 2021-22.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)			
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	approx. 500 plants are observed in the lease area which are naturally grown.	
8g	Survival rate	No proposal	Not applicable	
8h	Water sprinkling on roads to control airborne dust	No proposal	No mining operation	No mining was observed during the inspection and pits have not been developed as per proposal of previous approved period. No any specific work done for the aesthetic beauty in and around the mine area.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No mining was observed during the inspection and pits have not been developed as per proposal of previous approved period. No any specific work done for the aesthetic beauty in and around the mine area.

Compliance of Rule 45:

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

9a	Status of submission of Monthly and Annual returns	AR submitted on 07-06-2022 with NIL information	AR submitted on 07-06-2022 with NIL information	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining Engineer & Geologist not appointed.	mining operation not started as per records.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	NIL	
9d	Scrutiny of Annual return on afforestation	Yes	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	NIL	
9h	Scrutiny of Annual return on fixed assets	Yes	NIL	
9k	Scrutiny of Annual return on mining machineries	Yes	NIL	

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

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

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines