

**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 (Representative of Lessee) and other mine
Official with
Designation
- (iv) Date of Inspection : 11-AUG-21
- (v) Prev.inspection date : 11-MAY-17

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 opening notice has not been submitted by the lease holder.
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	The lessee claimed to sunk core bore holes for exploration. But, intimation for the commencement of sinking of bore holes for exploration was not submitted to this office in the prescribe form-I. Exploratory boreholes furnished in the Surface Geological Plan were not found on ground at the provided co-ordinates.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	To explore the area under G-1	Exploration not done	
1e	Balance reserve as on 01/04/20			

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.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit 1	Nil	As per office records, Mine has not opened till date. Mine development has not been started in the lease area. No pit developed as per proposal.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Seperate benches have been proposed in the topsoil, OB & mineral	Nil	Mine development has not been started in the lease area. No pit developed as per proposal.
2c	Stripping ratio or ore to OB ratio	1 : 0.13	Nil	No pit developed as per proposal.
2d	Quantity of topsoil generation in m3	2830 tonnes	NIL	No pit developed as per proposal.
2e	Quantity of overburden generation in m3	104298 tonnes	Nil	No pit developed as per proposal.

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. No pit developed as per proposal. Only exploration has been carried out at the lease area in the last approved plan period.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Two pits	Nil	Mine development has not been started in the lease area. No pit developed as per proposal.
3b	Quantity of ROM mineral production proposed	2002802 Tonnes	Nil	Production not reported from the mine. Mine development & production not started.
3c	Recovery of sailable/usable mineral from ROM production	2002802 Tonnes	NIL	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NIL	NIL	

3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed	NIL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	NIL	
3j	Provision of drilling and blasting in mineral benches	Yes	Nil	Mine development has not been started in the lease area. No pit developed as per proposal.
3k	Provision of mining machineries in mineral benches	Yes	Machine not deployed as per report. No any machine observed during inspection.	Mine development has not been started in the lease area. No pit developed as per proposal.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 m height in OB & 8 m height in mineral	NIL	Mine development has not been started in the lease area. No pit developed as per proposal.
3m	Total area covered under excavation/pits	39.374 Ha.	NIL	No pit developed as per proposal.
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.13	NIL	No pit developed as per proposal.
3o	Total area put in use under different heads at the end of year	Pit-39.374 Ha. Dump- 20.840 Ha. Road-3.90 Ha Plantation - 6.0 Ha Total Area- 70.114 Ha.	NIL	No pit developed or other mine activities sas per proposal.

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	2017-18 0 2018-19 0 2019-20 0 2020-21 0	Mine production not reported.
3q	General remarks of inspecting officers on method of mining etc.			The mine was proposed to develop as fully mechanised opencast mine. But, mine development has not been started in the lease area. No pit developed as per proposal.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of the topsoil and OB proposed. No mineral rejects is proposed as per approved document.	NIL	No production and mine development has been done in the aproved period.
4b	Location of topsoil, OB and mineral reject dumps	chari block was allocated for storage of top soil and OB	NIL	No production and mine development has been done in the aproved period.
4c	Number of dumps within lease area and outside of lease area	Two	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)	Dumps were proposed out of UPL	No dumps in the lease area	No production and mine development has been done in the aproved period.

4e	Number of active and alive dumps.	NIL	NIL	No production and mine development has been done in the aproved period.
4f	Number of dead dumps.	NIL	NIL	No production and mine development has been done in the aproved period.
4g	Number of dumps established.	NIL	NIL	No production and mine development has been done in the aproved period.
4h	Whether Retaining wall or garland drain all along dumps are there.	Proposed	NIL	No production and mine development has been done in the aproved period.
4i	Length of Retaining wall or garland drain all along dumps	Parapet wall- 285 m. Garland drain 295 m.	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			No production and mine development has been reproted in the aproved period.

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	NIL	NIL	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No reclamation was proposed during the approved period. No mining operation has been reported.

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).	Yes	Not submitted	Opening notice of the mine is not submitted by lessee. Annual report of PMCP is not submitted.
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	1.0 Hect	NIL	Plantation has not been carried out as proposed in the MP.
6d	No. of saplings planted during the year	1250 saplings	NIL	
6e	Cumulative no .of plants	Not specified	Some trees have been observed in the lease area which are naturally grown.	
6f	Any other method of rehabilitation	Not proposed	NIL	
6g	Cost incurred on watch and care during the year	Not specified	No record found	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Plantation proposed in the office area	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Plantation	Plantation	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	Yes	
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 except exploration. No reclamation & rehabilitation work done in the RY.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatch to captive plant	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	NIL	
7c	Different grade of mineral sorted out at mines.	Not proposed	NA	
7d	Any beneficiation process at mines	Not proposed	NA	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	ROM mineral was proposed to directly dispatch from mine head to captive plant. But, mine operation commencement has not been reported.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes, top soil dump was proposed.	NIL	
8b	Concurrent use or storage of topsoil	Storage of topsoil for future use.	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Seperate dump for OB and topsoil was proposed.	Not done	No mine development is reported.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not done	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not done.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not specified	approx. 500 plants are observed in the lease area.	
8g	Survival rate	Not specified	No record found	
8h	Water sprinkling on roads to control airborne dust	Yes	No mining operation observed during the inspection.	
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. 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 not submitted for the year 2020-21		Opening notice of mine is not submitted at IBM office.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR not submitted for the year 2020-21	Mining Engineer & Geologist not appointed as the mining operation not started.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR not submitted for the year 2020-21	NIL	
9d	Scrutiny of Annual return on afforestation	AR not submitted for the year 2020-21	NIL	The trees observed in the lease area which were naturally grown.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AR not submitted for the year 2020-21	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR not submitted for the year 2020-21	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR not submitted for the year 2020-21	NIL
9h	Scrutiny of Annual return on fixed assets	AR not submitted for the year 2020-21	NIL
9k	Scrutiny of Annual return on mining machineries	AR not submitted for the year 2020-21	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