

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST-38MPR35303

Mine code : 38MPR35303

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : QP and Shri Bansal Mine Representative
Official with
Designation
- (iv) Date of Inspection : 11-OCT-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GORRIYA (7.331 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI JAGDISH SINGH
correspondance
3. (a) Lease Number : MPR2366
(b) Lease area : 7.33
(c) Period of lease : 20
(d) Date of Expiry : 09-OCT-26
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : JAGDISH SINGH
SATNA MADHYA PRADESH
Phone: NA
FAX :NA

Owner : JAGDISH SINGH
SATNA MADHYA PRADESH
Phone: NA
FAX : NA

6. Date of approval of Mining : MP modif under 17(3) MCR 2016 21-SEP-20
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	IT WAS PROPOSED TO DRILL 3 CORE BOREHOLE IN THE YEAR 2020-21	3 CORE BOREHOLES WERE DRILLED IN THE YEAR 2020-21.	
1b	Exploration over lease area for geological axis 1 or 2	ENTIRE MINERALISED AREA IS EXPLORED UPTO G1 LEVEL	ENTIRE MINERALISED AREA IS EXPLORED UPTO G1 LEVEL AS PER MEMC RULE 2015	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NOT FURNISHED	EXPLORATION WAS CARRIED OUT UNDER THE SUPERVISION OF GEOLOGIST, EXPENDITURE NOT MENTIONED	
1d	Balance area to be explored to bring Geological axis in 1 or 2	ENTIRE ML AREA IS EXPLORED UPTO G1 LEVEL	ENTIRE ML AREA IS EXPLORED UPTO G1 LEVEL	
1e	Balance reserve as on 01/04/20	AS ON 01.04.2020 111-1728752 211-1371090	AS ON 25.10.2021 111-1728752 211-1371090	
1f	General remarks of inspecting officers on geology, exploration etc			ML AREA BELONGS TO VINDHYAN SUPER GROUP OF ROCKS IN THE SATNA DIST, LIMESTONE OF THE ML IS HARD AND COMPACT LIGHT TO DARK GREY IN COLOUR.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	WORKING WAS PROPOSED IN THE SOUTH WEST PART OF THE ML AREA NEAR THE BP-11 AND 10	WORKIGN WAS NOT STARTEDIN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	IT WAS PROPOSED TO DEVELOPE AND MAINTAINED OB BENCH OF 2 METER AND MINERAL BENCH OF 6 METER	WORKIGN WAS NOT STARTEDIN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
2c	Stripping ratio or ore to OB ratio	1:0.29	NIL, WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
2d	Quantity of topsoil generation in m3	300 CUBIC METER	NIL-WORKIGN WAS NOT STARTEDIN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
2e	Quantity of overburden generation in m3	19280 CU M	NIL-WORKIGN WAS NOT STARTEDIN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	ONE SINGLE PIT	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
3b	Quantity of ROM mineral production proposed	168800 TONNES	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
3c	Recovery of sailable/usable mineral from ROM production	80%	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
3d	Quantity of mineral reject generation	0-NIL	NIL	

3e	Grade of mineral rejects generation and threshold value declared.	NOT PROPOSED	NIL	
3f	Quantity of sub grade mineral generation.	NOT PROPOSED	NIL	
3g	Grade of sub grade mineral generation	NOT PROPOSED	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	MECHANISED METHOD PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
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	PROPOSED	NIL	
3k	Provision of mining machineries in mineral benches	PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	PROPOSED BENCH HEIGHT AND WIDTH SUITABLE FOR OPENCAST MECHANISED MINING	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
3m	Total area covered under excavation/pits	3.59 HECT	3.59 HECT	OLD PITS & EXCAVATION OF THE ML AREA
3n	Ore to OB ratio for the pit/mine during the year.	1:0.29	NIL	

3p	Production of ROM mineral during the last five year period as applicable	FROM THE YEAR 2011-12 TO 2019-20, ML DOES NOT HAVE ANY VALID DOCUMENT	2020-21=0 2019-20=0 2018-19=0 2017-18=0 AS PER AR SUBMITTED	
3q	General remarks of inspecting officers on method of mining etc.			WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
4b	Location of topsoil, OB and mineral reject dumps	NORTHERN SIDE OF THE ML AREA	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	WITHIN THE UPL	WITHIN THE UPL	
4e	Number of active and alive dumps.	NIL	NIL	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NOT PROPOSED	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NOT PROPOSED	NIL	
4i	Length of Retaining wall or garland drain all along dumps	NOT PROPOSED	NIL	

4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

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.	FULL EXTRACTION OF MINERAL PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
5b	Area under backfilling of mined out area	NOT PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NOT PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
5d	Total area fully reclaimed and rehabilitated	NOT PROPOSED	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

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).	PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	

6b	Area available for rehabilitation (ha) .	NOT PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
6c	afforestation done (ha).	NOT PROPOSED	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
6d	No. of saplings planted during the year	500 NOS	NIL
6f	Any other method of rehabilitation	NOT PROPOSED	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	DISPATCH WAS PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MECHANICAL	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES	
7c	Different grade of mineral sorted out at mines.	NOT PROPOSED	NIL	
7d	Any beneficiation process at mines .	NOT PROPOSED	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	PROPOSED	NIL
8b	Concurrent use or storage of topsoil	PROPOSED TO BE USED IN PLANTATION	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	PROPOSED TO BE USED IN BACKFILLING	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	AS PER APPROVED MOD MP	WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
8g	Survival rate	90%	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES
8h	Water sprinkling on roads to control airborne dust	PROPOSED	NIL-WORKIGN WAS NOT STARTED IN THE YEAR 2020-21, DUE TO STATUTORY COMPLIANCES

8i General remarks of inspecting officer on aesthetic beauty in and around mines area NEEDS IMPROVEMENTS

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR SUBMITTED UPTO 2020-21 MR SUBMITTED UPTO JAN-22	AR SUBMITTED UPTO 2020-21 MR SUBMITTED UPTO JAN-22	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	FURNISHED	ANIL KUMAR KUSHWAHA GEOLOGIST	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NOT FURNISHED		
9d	Scrutiny of Annual return on afforestation	NOT FURNISHED		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NOT FURNISHED		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NOT FURNISHED		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NOT FURNISHED		

9k Scrutiny of NOT FURNISHED
Annual return on
mining
machineries

WORKIGN WAS NOT
STARTED IN THE
YEAR 2020-21, DUE
TO STATUTORY
COMPLIANCES, NIL
AR AND MR
SUBMITTED AS
MENTIONED IN THE
PARA 9A

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 :

(DEEPAK SHARMA)

Indian Bureau of Mines