

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine code : 38MPR35193

Mine file No : MP/STN/LST-144

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mines
- (iii) Accompanying mine : Prashanth Singh(lessee's
Official with Representative), Shri.Sushil
Designation Bajpai(Qualified person)
- (iv) Date of Inspection : 20-APR-22
- (v) Prev.inspection date : 08-MAR-21

PART-I : GENERAL INFORMATION

- 1. (a) **Mine Name** : **BHATIA**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA BHATIA MAIHAR
Village :
Taluka :
Post office :
Pin Code : 485771
FAX No. : N. A.
E-mail : prashantjsingh@gmail.com
Phone :
- (f) Police Station :
- (g) First opening date : **07-OCT-1980**
- (h) Weekly day of rest :
- 2. Address for : SMT MANJU SINGH C/O LATE GOPAL SHRAN SINGH
correspondance PUSPRAJ NAGAR,
DIST. SATNA (M.P.) 485771
- 3. (a) Lease Number : MPR0390
- (b) Lease area : 8.09
- (c) Period of lease : 50
- (d) Date of Expiry : 06-OCT-2030
- 4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SMT. MANJU SINGH , C/O LATE G. S. SINGH
 PUSHPARAJ NAGAR SATNA
 MADHYA PRADESH
 Phone:
 FAX :

Owner : GOPAL SHRAN SINGH
 PUSPRAJ NAGAR SATNA
 MADHYA PRADESH
 Phone: N. A.
 FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 13-JUN-97
 Plan/Scheme of Mining MP/Satna/LST/ MPLN /MOD-23/2020-21 19-APRIL-21
 MP/Satna/LST/ MPLN /RMP-12/2022-23 30-JUNE-22

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	04 nos of coreboreholes	Nil	During inspection it was reported that the lessee has not obtained EC clearance to carryout the proposed works.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	G-2 - 8.094 ha to be explored in G1	
1e	Balance reserve as on 01/04/20		122- 1074480 Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			The lessee has not obtained EC clearance to carryout the proposed works & the lease was non-working.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It is proposed to develop the Quarry 1 in east and in depth.	Nil	The lessee has not obtained EC clearance to carryout the proposed works.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	The development in mineral/reject stone was proposed to be carried in 3 benches of height 5.75m, 4.25m and 6.25m respectively	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
2c	Stripping ratio or ore to OB ratio	1:1.08	NA	The lessee has not obtained EC clearance to carryout the proposed works.
2d	Quantity of topsoil generation in m3	1142	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
2e	Quantity of overburden generation in m3	81036	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The lessee has not obtained EC clearance to carryout the proposed works.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
3b	Quantity of ROM mineral production proposed	200007	Nil	The lessee has not obtained EC clearance to carryout the proposed works.

3c	Recovery of sailable/usable mineral from ROM production	70%	Not done	
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NA	NA	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	NA	
3j	Provision of drilling and blasting in mineral benches	yes	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
3k	Provision of mining machineries in mineral benches	yes	Nil	The lessee has not obtained EC clearance to carryout the proposed works.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The development in mineral/reject stone was proposed to be carried in 3 benches of height 5.75m, 4.25m and 6.25m respectively	Nil		The lessee has not obtained EC clearance to carryout the proposed works.
3m	Total area covered under excavation/pits		2.56 ha area		
3n	Ore to OB ratio for the pit/mine during the year.	1:1.08	Nil		The lessee has not obtained EC clearance to carryout the proposed works.
3o	Total area put in use under different heads at the end of year		3.46 Ha		
3p	Production of ROM mineral during the last five year period as applicable	2017-18 Nil 2018-19 Nil 2019-20 Nil 2020-21 Nil 2021-22 200007	2017-18 Nil 2018-19 Nil 2019-20 Nil 2020-21 Nil 2021-22 Nil		The lessee has not obtained EC clearance to carryout the proposed works.
3q	General remarks of inspecting officers on method of mining etc.				The lessee has not obtained EC clearance to carryout the proposed works.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	The lessee has not obtained EC clearance to carryout the proposed works.	

4b	Location of topsoil, OB and mineral reject dumps	In northwest area of the lease	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
4c	Number of dumps within lease area and outside of lease area	01	01	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within UPL	within UPL	
4e	Number of active and alive dumps.	01	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Garland drain of size 750m x1m x 0.5m	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
4i	Length of Retaining wall or garland drain all along dumps	Garland drain of size 750m x1m x 0.5m	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			The lessee has not obtained EC clearance to carryout the proposed works.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	backfilling proposed in N:2686090 - N:2686121, E:489399 - E:489572 & N:2686345 - N:2686500, E:489479 - E:489576	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
5b	Area under backfilling of mined out area	0.11	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	topsoil for plantation proposed	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The lessee has not obtained EC clearance to carryout the proposed works.

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).	Not submitted	The lessee has not obtained EC clearance to carryout the proposed works.	
6b	Area available for rehabilitation (ha) .	Nil	Nil	

6c	afforestation done (ha).	0.25 HA	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
6d	No. of saplings planted during the year	250 NOS	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
6e	Cumulative no .of plants	250	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
6f	Any other method of rehabilitation	Not proposed	Nil	
6g	Cost incurred on watch and care during the year	Not proposed	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	Nil	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not proposed	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not proposed	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed	Not	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The lessee has not obtained EC clearance to carryout the proposed works.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch proposed	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	Not proposed	Not done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The lessee has not obtained EC clearance to carryout the proposed works.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top Soil -1142 m3 removal proposed	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
8b	Concurrent use or storage of topsoil	The top soil proposed to be used for preparing bund in boundary	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Nil	

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 available	Nil	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Proposed	Not done	The lessee has not obtained EC clearance to carryout the proposed works.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The lessee has not obtained EC clearance to carryout the proposed works. The aesthetic beauty in and around mine area is moderate.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	proposed	Returns submitted online	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	The lessee has not obtained EC clearance to carryout the proposed works.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	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 :

(PUKHRAJ NENIVAL)

Indian Bureau of Mines