

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

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-144

Mine code : 38MPR35193

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Representative of Lessee Anil Kushwah Geologist
Official with
Designation
- (iv) Date of Inspection : 08-MAR-21
- (v) Prev.inspection date :

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
Village : BHATIA
Taluka : MAIHAR
Post office :
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date :
- (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 : 10
- (d) Date of Expiry : 07-OCT-90
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

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal given for the reporting year 2019-20	No exploration work done	
1b	Exploration over lease area for geological axis 1 or 2	G2 level	G2 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not furnished	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal was given	entier lease needs to be explored upto G1 level	
1e	Balance reserve as on 01/04/20	as on 16.06.1997 (date of approval of mining plan) Proved category - 287072 t Probable category- 198000 t Possible category- 485000 t	as on 19.04.2021 (date of approval of mining plan) 122-1074480 t 222-550640 t	
1f	General remarks of inspecting officers on geology, exploration etc		Previous mining plan was approved on 16.06.1997, mine was not in operational since 1997.	Limestone of the area belongs to rohtas formation of limestone of vindhyan super group in the satna district. Mine not in operational since 1997.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal given	NA	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal given	NA	
2c	Stripping ratio or ore to OB ratio	No proposal given	NA	
2d	Quantity of topsoil generation in m3	No proposal given	NA	
2e	Quantity of overburden generation in m3	No proposal given	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal was given	NA	
3b	Quantity of ROM mineral production proposed	No Proposal was given	NA	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal was given	NA	
3d	Quantity of mineral reject generation	No Proposal was given	NA	

3e	Grade of mineral rejects generation and threshold value declared.	No Proposal was given	NA
3f	Quantity of sub grade mineral generation.	No Proposal was given	NA
3g	Grade of sub grade mineral generation	No Proposal was given	NA
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal was given	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal was given	NA
3j	Provision of drilling and blasting in mineral benches	No Proposal was given	NA
3k	Provision of mining machineries in mineral benches	No Proposal was given	NA
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal was given	NA
3m	Total area covered under excavation/pits	No Proposal was given	NA
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal was given	NA
3o	Total area put in use under different heads at the end of year	No Proposal was given	NA

3p	Production of ROM mineral during the last five year period as applicable	No Proposal was given	NA	
3q	General remarks of inspecting officers on method of mining etc.			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

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 given	NA	
4b	Location of topsoil, OB and mineral reject dumps	No proposal given	NA	
4c	Number of dumps within lease area and outside of lease area	No proposal given	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal given	NA	
4e	Number of active and alive dumps.	No proposal given	NA	
4f	Number of dead dumps.	No proposal given	NA	
4g	Number of dumps established.	No proposal given	NA	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal given	NA	

4i	Length of Retaining wall or garland drain all along dumps	No proposal given	NA	
4j	Number of settling ponds	No proposal given	NA	
4k	Specific comments of inspecting officer on waste dump management			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

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.	No Proposal was given	NA	
5b	Area under backfilling of mined out area	No Proposal was given	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal was given	NA	
5d	Total area fully reclaimed and rehabilitated	No Proposal was given	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

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 was given	NA	
6b	Area available for rehabilitation (ha) .	No proposal was given	NA	
6c	afforestation done (ha).	No proposal was given	NA	
6d	No. of saplings planted during the year	No proposal was given	NA	
6e	Cumulative no .of plants	No proposal was given	NA	
6f	Any other method of rehabilitation	No proposal was given	NA	
6g	Cost incurred on watch and care during the year	No proposal was given	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal was given	NA	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal was given	NA	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal was given	NA	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal was given	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal was given	NA
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal was given	NA
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal was given	NA
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal was given	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal was given	NA
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal was given	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal was given	NA	
7c	Different grade of mineral sorted out at mines.	No proposal was given	NA	
7d	Any beneficiation process at mines .	No proposal was given	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal was given	NA	
8b	Concurrent use or storage of topsoil	No proposal was given	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal was given	NA	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal was given	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal was given	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal was given	NA	
8g	Survival rate	No proposal was given	NA	
8h	Water sprinkling on roads to control airborne dust	No proposal was given	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR Submittdd upto 2020-21 MR submitted upto March 2021		

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Furnished	Not Furnished	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Furnished	Not Furnished	
9d	Scrutiny of Annual return on afforestation	Not Furnished	Not Furnished	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Furnished	Not Furnished	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Furnished	Not Furnished	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Furnished	Not Furnished	
9h	Scrutiny of Annual return on fixed assets	Not Furnished	Not Furnished	
9k	Scrutiny of Annual return on mining machineries	Not Furnished	Not Furnished	No proposal given, as the mine not in operational since 1997. Inspection was carried out for the draft submitted review of mining plan in 2021.

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