

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

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/STN/OCH-75

Mine code : 44MPR35082

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri R C Bansal
Official with
Designation
- (iv) Date of Inspection : 16-MAR-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MUNGWARI (9.166 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : MUNGWARI
Taluka : RAGHURAJNAGAR
Post office : SUKWAH
Pin Code : 485221
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 17-JUL-82
- (h) Weekly day of rest : SUN
2. Address for : SHRI R.C.BANSAL
correspondance P.O. JAITWARA,
DIST. SATNA (M.P.) 485221
3. (a) Lease Number : MPR0857
- (b) Lease area : 9.16
- (c) Period of lease : 20
- (d) Date of Expiry : 16-JUL-02
4. Mineral worked : OCHRE Main
CLAY (OTHERS) Associated
LATERITE Associated
BAUXITE Associated

5. Name and Address of the

Lessee : RAMCHANDRA BANSAL
 P.O. JAITWARA SATNA
 MADHYA PRADESH
 Phone:09425812197/07671-274270
 FAX :N. A.

Owner : RAMCHANDRA BANSAL
 AR & P.O. JAITWARA,
 DIST.SATNA M.P SATNA MADHYA
 PRADESH
 Phone: 09425812197
 FAX : 07672-274272,23

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	07-APR-97
Plan/Scheme of Mining		Renewal under rule 22 MCR1960	11-JUN-03
		Mining Scheme rule 12 MCDR1988	05-NOV-08
		FMCP under 23C(1)	11-DEC-08
		Mining Scheme rule 12 MCDR1988	27-AUG-13
		MP review under 17(1) MCR 2016	10-AUG-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NO BACKLOG OF PREVIOUS YEAR	NO BACKLOG OF PREVIOUS YEAR AS THE MINE IS NOT IN OPERATIONAL SINCE 2017	
1b	Exploration over lease area for geological axis 1 or 2	THE ML AREA IS EXPLORED UPTO G1 LEVEL	ML AREA IS EXPLORED UPTO G1 LEVEL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NOT MENTIONED	NOT APPLICABLE	
1d	Balance area to be explored to bring Geological axis in 1 or 2	ML AREA EXPLORED UPTO G1 LEVEL	ML AREA NEEDS TO EXPLORE UPTO G1 LEVEL, FRESH EXPLORATION PROPOSAL ASKED	
1e	Balance reserve as on 01/04/20	111-133157 211-36183	111-94521 211-50331 RESERVES REESTIMATED AS PER MEMC RULE 2015	NO DEPLETION AS THE MINE IS NOT IN OPERATION FOR WANT OF EC NO PRODUCTION REPORTED IN THE AR
1f	General remarks of inspecting officers on geology, exploration etc			ML BELONGS TO VINDHYAN SUPER GROUP OF ROCKS IN THE SATNA REGION, HOST ROCK IS SATNA-REWA SANDSTONE

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	IN THE LAST PLAN PERIOD YEAR 2021-22 IT WAS PROPOSED TO WORK IN THE NORTHERN SIDE OF THE ML AREA ADVANCING TOWARDS EASTERN DIRECTION	NOT APPLICABLE , THE MINE IS NOT IN OPERTAIONAL SINCE 2013-14 FOR WANT OF EC	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	IT WAS PROPOSED TO MAINTAINED SEPARATE BENCHES	NOT APPLICABLE	
2c	Stripping ratio or ore to OB ratio	1:0.29	NIL	
2d	Quantity of topsoil generation in m3	NIL	NOT APPLICABLE	
2e	Quantity of overburden generation in m3	3733	NOT APPLICABLE	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			MINE WAS NOT IN OPERATIONALS SINCE 2013-14. FOR THE WANT OF EC.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	SINGLE OLD PIT	NOT APPLICABLE	
3b	Quantity of ROM mineral production proposed	5520	NIL	

3c	Recovery of sailable/usable mineral from ROM production	80% BAUXITE RECOVERY WERE MENTIONED IN THE LAST APPROVED MINING PLAN	NIL
3d	Quantity of mineral reject generation	NOT PROPOSED	NOT APPLICABLE
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	MECHANICAL METHOD WERE 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	NOT PROPOSED DUE TO SOFT STRATA	NIL
3k	Provision of mining machineries in mineral benches	HEMM USE WAS PROPOSED	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	PROPOSED BENCH HEIGHT AND WIDTH WERE SUITABLE FOR OPENCAST MECHANISED METHOD OF MINING	NIL

3m	Total area covered under excavation/pits	3.15 HECT	2.05 HECT	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.29	NIL	
3o	Total area put in use under different heads at the end of year	4.26 HECT	3.06 HECT	
3p	Production of ROM mineral during the last five year period as applicable	2018-19=7728 2019-20=10764 2020-21=9384 2021-22=12696	2018-19=0 2019-20=0 2020-21=0 2021-22=0	
3q	General remarks of inspecting officers on method of mining etc.			MINE IS CLOSED SINCE 2013-14, DUE TO WANT OF EC AS ON DATE EC NOT OBTAINED

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	PROPSOED	NOT APPLICABLE	
4b	Location of topsoil, OB and mineral reject dumps	DUMPS WERE PROPOSED IN THE EASTERN SIDE OF THE ML AREA	NIL	
4c	Number of dumps within lease area and outside of lease area	TWO TO THREE OLD DUMPS WERE PRESENT IN THE ML AREA	TWO TO THREE OLD SMALL DUMPS WERE PRESENT IN THE ML AREA	
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.	NONE	NIL	
4f	Number of dead dumps.	TWO TO THREE	TWO TO THREE	

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	NOT PROPOSED	NIL	
4k	Specific comments of inspecting officer on waste dump management			MINE WAS CLOSED SINCE 2013-14 FOR WANT OF EC

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 WERE PROPOSED	NIL	
5b	Area under backfilling of mined out area	NOT PROPOSED	FULL EXTRCATION OF MINERAL IS NOT COMPLETED YET	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	PROPOSED IN THE PLANTATION	NIL	
5d	Total area fully reclaimed and rehabilitated	NOT PROPOSED	NIL	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	NO AREA IS MATURE ENOUGH FOR BACKFILING AND RECLAMATION AS MINERAL IN NOT EXTRCATED YET UPTO THE UPD
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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	NOT SUBMITTED MINE WAS NOT IN OPERATIONAL SINCE 2013-14	
6b	Area available for rehabilitation (ha) .	NOT PROPOSED	NIL	
6c	afforestation done (ha).	NOT PROPOSED	NIL	
6d	No. of saplings planted during the year	NOT PROPOSED	NIL	
6e	Cumulative no .of plants	NOT PROPOSED	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	GRADE WISE SORTING WAS PROPOSED MANUAL AND MECHANICAL BOTH	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL AND MECHANICAL BOTH	NIL	

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			MINE WAS NOT IN OPERATIONAL SINCE 2013-14, FOR WANT OF EC AS ON DATE EC NOT OBTAINED

Environment:

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

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	PROPOSED	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	PROPOSED	NIL	
8g	Survival rate	NOT PROPOSED	NIL	
8h	Water sprinkling on roads to control airborne dust	PROPOSED	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			MINE WAS NOT IN OPERATIONAL SINCE 2013-14

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 AND MR SUBMITTED UPTO FEB 22	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		MINE IS NOT IN OPERTAION AND LESSEE HIMSELF IS MINING ENGINEER GEOLOGIST IS NOT APPOINTED	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL	

9d	Scrutiny of Annual return on afforestation	DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL
9h	Scrutiny of Annual return on fixed assets	DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL
9k	Scrutiny of Annual return on mining machineries	DETAILS NOT FURNISHED IN THE AR AS THE MINE NOT IN OPERATIONAL

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

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

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines