

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/JBP/LAT-16

Mine code : 75MPR18015

- (i) Name of the Inspecting : **SQ23**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 07-MAR-20
- (v) Prev.inspection date : 17-OCT-07

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KURRA (7.30 HA)**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : JABALPUR
Village : KURRA
Taluka : SIHORA
Post office : PIPARIA
Pin Code : 483220
FAX No. : NIL
E-mail : NIL
Phone : 94251500837/ 07624-265026
- (f) Police Station : SIHORA
- (g) First opening date : 01-MAR-00
- (h) Weekly day of rest : SUN
2. Address for : SHRI VINOD KUMAR SHRIVASTAVA
correspondance P.O. GANDHIGRAM (BUDAGAR), DIST. JABALPUR (M.P.)
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LATERITE Main
MANGANESE ORE Associated

5. Name and Address of the

Lessee : VINOD KUMAR SHRIVASTAVA
P.O.GANDHI GRAM,
TAH.SIHORA, JABALPUR
MADHYA PRADESH
Phone:94251500837/ 07624-265026
FAX :NIL

Owner : VINOD KUMAR SHRIVASTAVA
P.O.GANDHI GRAM,
TAH.SIHORA, JABALPUR
MADHYA PRADESH
Phone: 94251500837/ 07
FAX : 07624-265026

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20-JUL-09
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	06-MAY-15
	:	MP review under 17(1) MCR 2016	30-NOV-18

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL		
1b	Exploration over lease area for geological axis 1 or 2	09BH	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	-	-	
1e	Balance reserve as on 01/04/20	122- 538791,222- 377580,332- 916371		
1f	General remarks of inspecting officers on geology, exploration etc			The reserves estimate is by working pits.The exploration is not done violation issued.Laterite cover occurs on top.Mn and quartzite allienate as band.They belong to lora group of bijawar series of purna,dharwad system.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	pit no. 3	pit 3	

2b	Separate benches laterite & ore laterite & ore in topsoil, overburden and minerals (Rule 15)			
2c	Stripping ratio or ore to OB ratio	1:4.12	1:3.5	
2d	Quantity of topsoil generation in m3	nil	nil	
2e	Quantity of overburden generation in m3	34514 m3/69028T	36772M3/73544	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Benching of 4 mtr and 2 mtrs is done in waste and mineral working is done on hillslope.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	16751	20637	
3d	Quantity of mineral reject generation	np	nil	
3h	Manual / Mechanised method adopted for segregating from ROM	manual	manual	jigging
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	nil		

3j	Provision of drilling and blasting in mineral benches	yes	done	
3k	Provision of mining machineries in mineral benches	yes	provided	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	upto 6 mtr	upto 6 mtr	
3m	Total area covered under excavation/pits	2.2 ha	2.0 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:4.12	1:3.5	
3q	General remarks of inspecting officers on method of mining etc.			Mining is done by excavator tipper. Benches of upto 6 mtr are formed. It is hilly mines. Excess production done .violation issued.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	waste minor mineral	waste minor mineral.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within lease	within lease	
4e	Number of active and alive dumps.	02	02	
4f	Number of dead dumps.	nil	nil	

4g	Number of dumps established.	02	02	
4h	Whether Retaining wall or garland drain all along dumps are there.	proposed	yes	
4i	Length of Retaining wall or garland drain all along dumps	-	150 mtr	
4j	Number of settling ponds	01	01	
4k	Specific comments of inspecting officer on waste dump management			The dumps are maintained for laterite and waste drains at bottom maintained.

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.	nil	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The area is hilly no top soil.No backfillingproposall in review year.

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).		PMCP report not submitted.	

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	125		barrier zone
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Only plantation in barrier zone of 7.5 mtr in southside of lease is planned in year 125 Nos.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NP	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Washing, jigging, sorting is done at mine to remove waste from ROM ore.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NP	NA	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	laterite and waste	Laterite and waste	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not proposed	nil	
8h	Water sprinkling on roads to control airborne dust	yes	done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			only barrier plantation is proposed. plantation is done in barrier.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes done		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			details of manager & M.E. not given.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	stock- 9838.645<25% Mn ex-mine		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		ex- mine-1500 rs/T Cop - 1045.80 sale price-14995 T	

9h	Scrutiny of Annual return on fixed assets	FA=51,51,345
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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
MCDR17	Rule 26(2)	12-MAY-20	MCDR17	Rule 26(2)	12-MAY-20
MCDR17	Rule 45(1)	12-MAY-20	MCDR17	Rule 45(1)	12-MAY-20
MCDR17	Rule 11(1)	12-MAY-20	MCDR17	Rule 11(1)	12-MAY-20

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines