

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KTN/LAT-15

Mine code : 07MPR18027

- (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 : 29-FEB-20
- (v) Prev.inspection date : 14-FEB-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MOHLA**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : JABALPUR
Village : MOHLA
Taluka : SIHORA/PAUDA
Post office : BARGI
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 08-APR-97
- (h) Weekly day of rest : WED
2. Address for : SHRI SHARDA PRASAD JAISWAL
correspondance : P.O. JAITWARA, DIST. SATNA (M.P.) 485221
3. (a) Lease Number : MPR1569
- (b) Lease area : 5.9
- (c) Period of lease : 20
- (d) Date of Expiry : 26-FEB-17
4. Mineral worked : LATERITE Main
BAUXITE Associated
FIRECLAY Associated

5. Name and Address of the

Lessee : SHARDA PRASAD JAISWAL
 KAWASJEE WARD, LAKHERA P.O.
 A.C.C. KATNI MADHYA
 PRADESH
 Phone:N. A.
 FAX :N. A.

Owner : SHARDA PRASAD JAISWAL
 KAWASJEE WARD, LAKHERA P.O.
 A.C.C. KATNI MADHYA
 PRADESH
 Phone: N. A.
 FAX : N. A.

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	06-JUN-03
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	29-JUL-09
		Mining Scheme rule 12 MCDR1988	05-MAY-15
		MP modif under 17(3) MCR 2016	16-AUG-17

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	-	-	
1b	Exploration over lease area for geological axis 1 or 2	01 bH	nil	violation given
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	2.22 hect	2.22 hect	
1e	Balance reserve as on 01/04/20	reserves as on 01/04/2019	reserves:111-.34060, resources:211-.803213,	
1f	General remarks of inspecting officers on geology, exploration etc			the bore hole is not done.bauxite is mined along with laterite,fireclay.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	pit A	pit A	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	na	na	benches are made and out of it bauxite,fireclay and laterite is mined,sorted and waste is also seperated.
2c	Stripping ratio or ore to OB ratio	1:.11		
2d	Quantity of topsoil generation in m3	nil	nil	

2e	Quantity of overburden generation in m3	17850m3	6500m3	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			the benching of 3mtr by 5mtr is done.machine is used. the bauxite is removed from matrix of laterite,fireclay waste.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	79997 T	20410T	
3c	Recovery of sailable/usable mineral from ROM production	YES	YES	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	LATERITE AND FIRECLAY ARE EXTRACTED .TO BE USED AS MINOR MINERAL.
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	MANUAL SORTING	MANUAL SORTING	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NO	NO	
3j	Provision of drilling and blasting in mineral benches	YES	DONE	
3k	Provision of mining machineries in mineral benches	YES	MACHINES ARE USED.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	THEY ARE SUITABLE	
3m	Total area covered under excavation/pits	3.6763	2.293	
3n	Ore to OB ratio for the pit/mine during the year.	1:.11		
3o	Total area put in use under different heads at the end of year	TOTAL-5.8658	PIT-2.293,DUMPS-.561,.139	
3p	Production of ROM mineral during the last five year period as applicable	17-18-52698,18-19-79977	17-18-3000T,18-19-20000.4011T	
3q	General remarks of inspecting officers on method of mining etc.			Mine is developed in many benches of 3 mtr ht.Machinery is used to excavate transport.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	ONLY WASTE DUMPED.	WASTE IS DUMPED.	OTHER MINOR MINERALS ALTERITE AND CLAY EXTRACTED.
4b	Location of topsoil, OB and mineral reject dumps	NEAR bp 12,13	BACKFILLING AND UPLIFTING HEIGHT	
4c	Number of dumps within lease area and outside of lease area	06	06	WITHIN LEASE.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OUTSIDE	OUTSIDE	
4e	Number of active and alive dumps.	06	06	
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.	NP	NA	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	BARRIER FILLING
4j	Number of settling ponds	NIL	NA	
4k	Specific comments of inspecting officer on waste dump management			WASTE BACKFILLED IN BARRIER UPTO A HEIGHT.

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.	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	NA	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			ONLY IN BARRIER FILLING AND PLANTATION IS DONE.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		NOT SUBMITTED	
6b	Area available for rehabilitation (ha) .	NP	NA	
6c	afforestation done (ha) .	NP	NA	
6d	No. of saplings planted during the year	NP	NA	
6e	Cumulative no .of plants	NP	NA	

6g	Cost incurred on watch and care during the year	NP	NA	THERE ARE NO PROPOSALS FOR MINED OUT/WORKED OUT BENCHES.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	BARRIER-400M2	400M2	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	400M2	400M2	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	114	120 PLANTS	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NP	NA	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NP	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NP	NA	

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NP	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NP	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	PROPOSED	BEING DONE	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			BARRIER PLANTATION , GENERAL PLANTATATION IS SEEN IN LEASE HOLD.BACKFILLING IN BARRIER IS IN PROGRESS.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	SORTING	MANUAL SORTING IS DONE	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL SORTING	MANUAL SORTING	
7c	Different grade of mineral sorted out at mines.	BAUXITE-CEMENT AND REFRACTORY GRADE	BAUXITE-CEMENT AND REFRACTORY GRADE	
7d	Any beneficiation process at mines	NO	NIL	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	BAUXITE SORTED IN DIFFRENT GRADES FOR MARKETIBILITY.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	FOR WASTE	FOR WASTE	IN CURRENT YEAR FILLED IN BARRIER
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NP	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	YES	DONE	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	ADDITIONAL 114	120	

8g	Survival rate	60%	70%	
8h	Water sprinkling on roads to control airborne dust	YES PLANNED	DONE	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			LOT OF TREES SEEN AROUND MINE AREA.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns			YES SUBMITTED.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer in charge DHARMENDRA KAHAR 9. Geologist in charge VIDHYA SAGAR SAHU	INFO GIVEN.	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(ii) Covered under current (O/C) Workings 2.295 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.561 0.561 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.139	DETAILS ARE GIVEN.WITHIN FA.
9d	Scrutiny of Annual return on afforestation	115 PLANTED.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL.na	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	cement - 13772.985 (b) Abrasive 0.000 (c) Refractory 4215.204 (d) Chemical 2850.000	stock given in tons
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	cement- 697.99 (c) Refractory 485.75Rs/T 1828.89 (d) Chemical 735.60,these are exmine price.	cost of production -
9h	Scrutiny of Annual return on fixed assets	2324369- value of FA at year end	

9k	Scrutiny of Annual return on mining machineries	FRONT END LOADER 0.000 CUM 2 Non Electrical Opencast DUMPER 16.000 TONNE 1 Non Electrical Opencast DUMPER 10.000 TONNE 3 Non Electrical Opencast WATER TANKER 20000.000 LITRE 1 Non Electrical Opencast PUMPS (NON- ELEC.) 0.000 L/MN 1 Non Electrical Opencast	the machinery list is given.
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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)	13-MAY-20	01-JUL-20				
MCDR17	Rule 11(1)	13-MAY-20	01-JUL-20				
MCDR17	Rule 35(1)	13-MAY-20	01-JUL-20				

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines