

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST-38MPR35295

Mine code : 38MPR35295

- (i) Name of the Inspecting : **KQ06**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/Sh Kamalendra Singh (Owner), Ramanand Shukla, Raven
Official with
Designation
- (iv) Date of Inspection : 01-AUG-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LALPUR (17.471 HA)**
- (b) **Registration NO.** : **IBM/11106/2012**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : LALPUR
Taluka : RAGHURAJNAGAR
Post office : SIDING
Pin Code : 485114
FAX No. : 07674232580
E-mail : kamlendrasingh@gmail.com
Phone : 9425172692
- (f) Police Station : LALPUR
- (g) First opening date : 24-DEC-03
- (h) Weekly day of rest : SUN
2. Address for : SHRI KAMLENDRA SINGH
correspondance VILL. LALPUR, POST SIDING,
DIST. SATNA (M.P.)
3. (a) Lease Number : MPR2028
(b) Lease area : 17.47
(c) Period of lease : 30
(d) Date of Expiry : 15-DEC-33
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KAMLENDRA SINGH
VILL. LALPUR, POST SIDDING,
SATNA MADHYA PRADESH
Phone:N. A.
FAX :N. A.

Owner : KAMLENDRA SINGH
VILL. LALPUR, POST SIDDING,
SATNA MADHYA PRADESH
Phone: NA
FAX : NA

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 06-APR-15
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 approved document in the year 2018-19	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No approved document in the year 2018-19	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not available	Not available	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved document in the year 2018-19	NA	No approved document in the year 2018-19
1e	Balance reserve as on 01/04/20		122-1.76247 MILLION TONES 222-0.450300 MILLION TONES 333-1.077490 MILLION TONES	No approved document in the year 2018-19
1f	General remarks of inspecting officers on geology, exploration etc			No approved document in the year 2018-19

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No approved document in the year 2018-19	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved document in the year 2018-19	Top soil-60mx5mx1 to 2m Shale-35mx5m x2m Limestone I-25mx5mx2-5m	

2c	Stripping ratio or ore to OB ratio	No approved document in the year 2018-19	NA	
2d	Quantity of topsoil generation in m3	No approved document in the year 2018-19	NA	
2e	Quantity of overburden generation in m3	No approved document in the year 2018-19	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No approved document in the year 2018-19

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	Nil	No proposal in the year 2018-19
3b	Quantity of ROM mineral production proposed	No approved document	Nil	
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	
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	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	NA	NA	
3k	Provision of mining machineries in mineral benches	NA	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	
3m	Total area covered under excavation/pits		1.10Ha	
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	
3o	Total area put in use under different heads at the end of year	5.624Ha	1.29Ha	
3p	Production of ROM mineral during the last five year period as applicable	14-15- NIL 15-16-24000T 16-17-41,376T 17-18-55,568T 18-19- NIL	14-15- NIL 15-16- Nil 16-17-435 T 17-18-25510 T 18-19- NIL	No mining operation in the RY 2018-19
3q	General remarks of inspecting officers on method of mining etc.			No mining operation in the RY 2018-19

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Seperate dumping of Top soil and OB/Waste.	Seperate dumping of Top soil and OB/Waste.	
4b	Location of topsoil, OB and mineral reject dumps	Top soil-Near SW boundary between B.P. No.16,17,18 and 19. OB/waste-Near NW boundary between BP.No.24,25,26 and 27.	top soil and waste has been stacked/dumped near the Eastern boundary near boundary pillar no. 1, 2 and 3 and scattered out side the lease area.	A vioaltion under rule 11(1) of MCDr-2017 has been pointed out for the same.
4c	Number of dumps within lease area and outside of lease area	Two within lease area .	Two within lease area .	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL.	Outside UPL.	
4e	Number of active and alive dumps.	Two	Two	
4f	Number of dead dumps.	Not proposed	Nil	
4g	Number of dumps established.	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	Garland drain has been made	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Garland drain 140m(approx.)	
4j	Number of settling ponds	Not proposed.	Not made	

4k	Specific comments of inspecting officer on waste dump management	Separate stacking of Top Soil and Waste has been done but these have not been stacked at earmarked place. violation under rule 11(1) of MCDR-2017 has been pointed out.
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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.	no matured pit for backfilling.	
5b	Area under backfilling of mined out area	Not proposed.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed.	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Backfilling, reclamation etc. has neither proposed nor carried out.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Yes	Any Reclamtion and Rehabilitation is not commenced.
6b	Area available for rehabilitation (ha) .	Nil	Nil	There is no area matured for rehabilitation.
6c	afforestation done (ha).	0.5 Ha	0.5 Ha	
6d	No. of saplings planted during the year	Not proposed	200 SAPLINGS	
6e	Cumulative no .of plants	Not proposed.	350 nos	
6f	Any other method of rehabilitation	Not proposed	Nil	
6g	Cost incurred on watch and care during the year	Not specified	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	There is no matured pit for backfilling.
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	Nil	Nil	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	NA	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	At Northern boundary.	At Northern boundary.	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed.	DONE	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			there was no matured land for Reclamation and rehabilitation till date of inspection. hence it is yet to be commenced.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral Dispatch	ROM mineral Dispatch
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	NA
7c	Different grade of mineral sorted out at mines.	Cement	Cement
7d	Any beneficiation process at mines .	NA	NA
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Storage followed by utilization.	Storage followed by utilization.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	For Top soil and waste .	For Top soil and waste .	

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)	Nil	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Yes	Lease area is within the cultivated land. There are more than 350 Nos. of trees of Subabool, Neem, Kadam etc. has been planted.	
8g	Survival rate	Not Proposed	80 % approx. as per provided records	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty is degraded due to mining. The ML holder has planted more than 350 trees for improvement of aesthetic beauty.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR and AR submitted for the year 2018-19	MR and AR submitted for the year 2018-19. Monthly returns since June-2019 to Aug-19 have not been filed in the electronic form.	Violation pointed out for the same.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not available.	Not available.	No mining activities as per provided records.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	5.624 Ha	
9d	Scrutiny of Annual return on afforestation	Not available	350 saplings	
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	28870 MT	28870 MT	
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 couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	05-SEP-19			
MCDR17	Rule 28(3) (k	05-SEP-19			
MCDR17	Rule 33	05-SEP-19			
MCDR17	Rule 45(5) (k	05-SEP-19			

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines