

**MCDR inspection REPORT**

**Jabalpur regional office**

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

**Mine code :** 38MPR35295

- (i) Name of the Inspecting : **C004** ) **ROBERT SIMON C**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : S/Sh Kamalendra Singh (Owner), Ramanand Shukla, Raven  
Official with  
Designation
- (iv) Date of Inspection : 13-MAR-23
- (v) Prev.inspection date : 08-FEB-18

**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

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## 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 : MP review under 17(1) MCR 2016 09-OCT-19

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## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	G2-11.8 ha G3-5.67 ha	
1e	Balance reserve as on 01/04/20	G2-2.21 Million Tonnes as on 01/04/2019	G2-2.1 Million Tonnes	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It is proposed to develop quarry 1 towards south and west.	As per proposal.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in overburden and mineral proposed	Separate benches in overburden and mineral maintained	
2c	Stripping ratio or ore to OB ratio	1:0.22	1:0.05	
2d	Quantity of topsoil generation in m3	7831	2500	Violation pointed out under rule 11(1) of MCDR 2017
2e	Quantity of overburden generation in m3	28162	6214	Violation pointed out under rule 11(1) of MCDR 2017

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2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Overall development is lagging behind approved proposals. Violation pointed out under rule 11(1) of MCDR 2017.
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## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	125000	120400	
3c	Recovery of sailable/usable mineral from ROM production	Not proposed	Entire ROM dispatched	
3d	Quantity of mineral reject generation	Nil	24125 tonnes	Violation pointed out under rule 11(1) of MCDR 2017
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Reject stone (Cao below 25%) as per AR	Violation pointed out under rule 11(1) of MCDR 2017
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	

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3j	Provision of drilling and blasting in mineral benches	Proposed	As per proposal.
3k	Provision of mining machineries in mineral benches	Proposed	Type of machinery Capacity of each unit No.of units Electrical/ Non-Electrical (specify) Used in opencast/ underground (specify) FRONT END LOADER 1.200 CUM 1 Non Electrical Opencast DUMPER 16.000 TONNE 2 Non Electrical Opencast DUMPER 10.000 TONNE 1 Non Electrical Opencast WATER TANKER 2000.000 LITRE 1 Non Electrical Opencast PUMPS (NON-ELEC.) 650.000 L/MN 1 Non Electrical Opencast
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	(A) Details of Benches (Separately for mechanised and manual sections) In ore In OB/Waste (i) Number of Benches Mechanised 2 1 (ii) Average height (meters) Mechanised 5 2 (iii) Depth of the deepest working from adjacent ground (Meters ) Mechanised 6 2
3m	Total area covered under excavation/pits	2.87 ha	2.582 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:0.22	1:0.05
3o	Total area put in use under different heads at the end of year	3.78 ha	3.74ha

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3p Production of ROM mineral during the last five year period as applicable

16-17-41,376T	16-17-435 T
17-18-55,568T	17-18-25510 T
18-19- NIL	18-19- NIL
19-20-124920	19-20-Nil
20-21-122408	20-21-22750

3q General remarks of inspecting officers on method of mining etc.

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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. OB/waste-Near NW boundary.	Top soil-Near SW boundary. OB/waste-Near NW boundary.	
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.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	Garland drain 50m (approx.)	Violation pointed out under rule 11(1) of MCDR 2017
4i	Length of Retaining wall or garland drain all along dumps	Garland drain 250m (approx.)	Garland drain 50m (approx.)	Violation pointed out under rule 11(1) of MCDR 2017
4j	Number of settling ponds	Nil	Nil	

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4k	Specific comments of inspecting officer on waste dump management			Separate stacking of Top Soil and Waste has been done. Only 50 m of garland drain is constructed against the proposal of 250 m for the year 2021-22, 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 proposed	No matured pit for backfilling.	
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)	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

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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).	Yes	Annual report on PMCP not submitted	Violation pointed out under rule 26(2) of MCDR 2017

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6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	0.5 Ha	0.5 Ha	
6d	No. of saplings planted during the year	200 SAPLINGS	150 SAPLINGS	Violation pointed out under rule 11(1) of MCDR 2017
6e	Cumulative no .of plants	Not proposed.	500 nos (approx.)	
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	NA	NA	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 backfilled area	NA	NA	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NA	NA	



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6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
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 Reclamtion and rehabilitation till date of inspection. hence it is yet to be commenced.

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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
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	

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7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Beneficiation process available at mines. ROM dispatch done
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## 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 500 Nos. of trees of Subabool, Neem ,Kadam etc. has been planted.	
8g	Survival rate	Not Proposed	70 % approx. as per provided records	

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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 500 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	Returns submitted online.	Returns submitted online.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	(i) Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C) Workings 0.000 2.582 2.582 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.712 0.712 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.050 0.050 (vi) Other Purpose (Green belt) 0.000 0.400 0.400 (vii) Work done under progressive mine closure plan during the year 0.000 0.050 0.050	

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9d	Scrutiny of Annual return on afforestation	Given	(i) Number of trees planted during the year 150 (ii) Survival rate in percentage 70.00
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	given	24125 tonnes
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	Production and Stocks of ROM ore at Mine-head ( LIMESTONE ) Category Opening stock (in tonne) Production (in tonne) Closing stock (in tonne) (a) Open Cast Workings 0.000 120400.000 0.000 (b) Underground Workings 0.000 0.000 0.000 (c) Dump Workings 9168.000 0.000 9168.000
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	Grade-wise production, Despatches, Stocks and Ex-mine prices of Processed ore( LIMESTONE ) Grades Opening stock at mine head (in tonne) Production (in tonne) Despatches from mine head (in tonne) Closing stock at mine head (in tonne) Ex-mine price (in . Per Tonne) (a) LD 0.000 0.000 0.000 0.000 0.00 (b) SMS 0.000 0.000 0.000 0.000 0.00 (c) Chemical 0.000 0.000 0.000 0.000 0.00 (d) BF 0.000 0.000 0.000 0.000 0.00 (e) Cement 51565.000 120400.000 84385.333 87579.667 210.90

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9h	Scrutiny of Annual return on fixed assets	Given	Value of Fixed Assets (in .Rs) 5096750
9k	Scrutiny of Annual return on mining machineries	Given	Type of machinery Capacity of each unit No.of units Electrical/ Non-Electrical (specify) Used in opencast/ underground (specify) FRONT END LOADER 1.200 CUM 1 Non Electrical Opencast DUMPER 16.000 TONNE 2 Non Electrical Opencast DUMPER 10.000 TONNE 1 Non Electrical Opencast WATER TANKER 2000.000 LITRE 1 Non Electrical Opencast PUMPS (NON-ELEC.) 650.000 L/MN 1 Non Electrical Opencast

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

Violation observed			Showcause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance
Rule 11 (1)	02-MAY-23	20-JUN-23	Rule 45 (7)	22-JUN-23	
Rule 11 (4)	02-MAY-23	20-JUN-23			
Rule 26 (2)	02-MAY-23	20-JUN-23			
Rule 31 (4)	02-MAY-23	20-JUN-23			
Rule 33	02-MAY-23	20-JUN-23			
Rule 45 (7)	02-MAY-23	20-JUN-23			

**Date :****(ROBERT SIMON C)**

Indian Bureau of Mines