

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

**MCDR inspection REPORT  
Jabalpur regional office**

**Mine file No :** MP/DHAR/LST.61

**Mine code :** 38MPR12077

- (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 : 01-MAR-21
- (v) Prev.inspection date : 18-JUL-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GHURSAL LST MINE 8.941 HA**
- (b) **Registration NO.** : **IBM/15003/2013**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : DHAR  
Village : GHURSAL  
Taluka : GANDHWANI  
Post office : JEERABAD  
Pin Code : 454446  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station : NA
- (g) First opening date : 15-OCT-18
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SATGURU CEMENT PVT. LTD.  
601/1, AIREN HEIGHTS, PU-3  
SCHEME NO.54 A.B.ROAD,  
INDORE 452010 ,MP. DHAR  
MADHYA PRADESH  
Phone:NA  
FAX :NA

6. Date of approval of Mining :  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	np	na	
1b	Exploration over lease area for geological axis 1 or 2	NP	NA	no proposal in review year
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Mentioned in approved mining plan	na	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area already explored upto G2 level	Area already explored upto G2 level	
1e	Balance reserve as on 01/04/20		111-660205 tons 122-274895 tons, reserves.	.no working is done during the year.
1f	General remarks of inspecting officers on geology, exploration etc			lease executed on 26/12/2016. the limestone of the area belongs to the bag beds of the creataceous age group, limestone of the area pale yellow in colour, corraline and nodular limestone.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to to development work in the north porton of the lease area and in the south east porion of the lease area	not done	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	it was proposed to develop separate benches in top soil and in mineral bench	seperate benches were not developed as per the proposal given in the plan	
2c	Stripping ratio or ore to OB ratio	1:0.05	nil	
2d	Quantity of topsoil generation in m3	450 m3	nil	
2e	Quantity of overburden generation in m3	---	nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			It was proposed to do development work in the northern portion and south east portion of the lease area, development work in pit 1 was to be worked in two benches of 3 mtr each. mines has not worked in during the year.violation pointed out.

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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	two	two old pits already exist.(old worked area allotment)
3b	Quantity of ROM mineral production proposed	20,250 t	nil	
3c	Recovery of sailable/usable mineral from ROM production	yes 90 %	nil	no working

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3d	Quantity of mineral reject generation	2250	nil	
3e	Grade of mineral rejects generation and threshold value declared.	below threshold	nil	
3f	Quantity of sub grade mineral generation.	nil		
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method proposed	nil	mine was not in operation
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	not proposed	nil	
3k	Provision of mining machineries in mineral benches	proposed	nil	no working done
3m	Total area covered under excavation/pits	2.15	1.4	
3n	Ore to OB ratio for the pit/mine during the year.	1:.05	nil	
3o	Total area put in use under different heads at the end of year	2.67	1.66	
3p	Production of ROM mineral during the last five year period as applicable	ROM-16-17-21000 t,17-18-21000t,18-19-21,750,19-20:22500	nil production.mines not running.	

3q	General remarks of inspecting officers on method of mining etc.	mining activities were not operational due to various reasons. old pits are present in area. benches of 3 mtr have been planned. violation pointed out for not achieving developemnt/production 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)	Proposed	NIL	
4b	Location of topsoil, OB and mineral reject dumps	pit no 4 (old working)	as per proposal no dumping is being done	
4c	Number of dumps within lease area and outside of lease area	one	nil	within lease
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Not observed . no dumps seen at the time of inspection)	
4e	Number of active and alive dumps.	one	nil	
4f	Number of dead dumps.	nil	nil	
4g	Number of dumps established.	not proposed	nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	not proposed	nil	

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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			no waste dump management seen at the time of inspection, mine was not in operation

#### 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.	not Proposed	nil	
5b	Area under backfilling of mined out area	not proposed	not done	mines not in operation
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed (no top soil generation proposed)	not done	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	not done	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area backfilled yet, due to no operation done in the mine, hence no area mature enough for backfilling

#### 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
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
6f	Any other method of rehabilitation	np	na
6g	Cost incurred on watch and care during the year	np	na
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	np	na
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposed	nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not Proposed	nil

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	30 nos	30 nos	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	300 sq mtr	300 sq mtr	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	planatation 30 nos	30 nos done	survival rate poor .around 30--40 % against planned 80 %
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			only barrier plantation prposed. it is done .surival rate is poor 40-50 % .violation for same is given

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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	nil	

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NP	na	
7c	Different grade of mineral sorted out at mines.	NP	na	
7d	Any beneficiation process at mines .	NP	na	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			not observed.mines was not working during year.90 % of ROM will be dispatched and around 10 % rejects will be generated.

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**Environment:**

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Np	na	no top soil. rocky area
8b	Concurrent use or storage of topsoil	NP	na	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	nil	mine not worked.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not Proposed	nil	

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not proposed	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	baseline - nil	30 nos	,addittional 30
8g	Survival rate	80%	40-50%	violation pointed out for poor survival.
8h	Water sprinkling on roads to control airborne dust	Proposed	nil	mine not working
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			not much plantataion seen.rocky elevated terrain. barrier plantatation is done.survival poor.

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		on line returns were not found.	on line monthly annual returns not found.violation is given for filing on line returns - both monthly and annual.

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**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)	29-APR-21			
MCDR17	Rule 45(1)	29-APR-21			

**Date :**

**(SANDEEP KUMAR SINGH)**

Indian Bureau of Mines