

**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 : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Anil Sharma Rep of Mine Owner
Official with
Designation
- (iv) Date of Inspection : 18-JUL-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GHURSAL LST. 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 :
Taluka :
Post office :
Pin Code :
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	No exploration proposal was given	No exploration done	
1b	Exploration over lease area for geological axis 1 or 2	area already explored upto G2 level	area already explored upto G2 level	
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 122-274895 as on 01.04.2017	111-660205 122-274895 as on 01.04.2017	lease executed on 26/12/2016 no online record available for return violation for rule 45 issued
1f	General remarks of inspecting officers on geology, exploration etc			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
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2a	Location of development w.r.t. lease area	it was proposed to development work in the north portion of the lease area and in the south east portion of the lease area	no development work was done as per proposal	lease was executed on Dec 2016, and mine was not in operation due to statutory permissions.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	it was proposed to develop separate benches in top soil and in mineral bench	separate benches were not developed as per the proposal given in the plan	mine was not in operation
2c	Stripping ratio or ore to OB ratio	1:0.05	NIL	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	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 not as per proposal due to statutory permission required from other departments. lease was executed on Dec 2016

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	two	two (old working)	
3b	Quantity of ROM mineral production proposed	10875	NIL	mine was not in operation
3c	Recovery of sailable/usable mineral from ROM production	90%	NIL	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not declared	NIL	
3f	Quantity of sub grade mineral generation.	Not Proposed	NIL	
3g	Grade of sub grade mineral generation	Not Proposed	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	
3j	Provision of drilling and blasting in mineral benches	Proposed	NIL	
3k	Provision of mining machineries in mineral benches	Not Proposed	NIL	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable for mining	NIL	mine was not in operation
3m	Total area covered under excavation/pits	2.67 aprox	2.00 aprox	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.05	NIL	mine was not in operation
3o	Total area put in use under different heads at the end of year	2.67	2.67	
3p	Production of ROM mineral during the last five year period as applicable	NA	NIL	lease executed on Dec 2016 mine was not in operation
3q	General remarks of inspecting officers on method of mining etc.			mining activities were not operational due to want of statutory permissions from different departments

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	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Not observed 9 no dumps seen at the time of inspection)	mine was not in operation
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	
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 managenet seen at the time of nspection, 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	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed (no top soil generation proposed)	NIL	

5d	Total area fully reclaimed and rehabilitated	Not proposed	NIL	
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 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	NIL	Mine was not in operation
6b	Area available for rehabilitation (ha) .	Not proposed	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	Not Proposed	NIL	
6g	Cost incurred on watch and care during the year	Not Proposed	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Proposed	NIL	

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
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Proposed	NIL
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Proposed	NIL
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not Proposed	NIL
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Proposed	NIL

6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No PMCP work has been done yet, mine was not in operation, lease executed on Dec 2016, Statutory permissions from other departments still pending

Mineral Conservation:

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

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	NIL	no generation of top soil proposed
8b	Concurrent use or storage of topsoil	Not Proposed	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NOt Proposed	NIL	
8g	Survival rate	NIL	NIL	no plantation done
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			no activity seen at the mine site, required lots of efforts to build up aesthetic beauty of the mine area

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not Submitted	NIL	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Provided	NIL	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Provided	NIL	
9d	Scrutiny of Annual return on afforestation	Not Provided	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Provided	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Provided	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Provided	NIL	
9h	Scrutiny of Annual return on fixed assets	Not Provided	NIL	
9k	Scrutiny of Annual return on mining machineries	Not Provided	NIL	

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
Rule 45 (5)	22-OCT-19		
Rule 55	22-OCT-19		

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines