

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No :

Mine code : 38MPR12078

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 18-JUL-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GHURSAL LST. 6.773 HA.**
- (b) **Registration NO.** :
- (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 :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for :
correspondance :
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

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 proposal for exploration given	NIL	
1b	Exploration over lease area for geological axis 1 or 2	G2-1.292 hect G3-3.1702 1 hect	area explored upto G2 level fo exploration, additional exploration required to upgrade G3 into G2	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G2-1.292 hect	G2-1.292 hect	
1e	Balance reserve as on 01/04/20	122-189734 222-25194 333-527045 334-384038	122-189734 222-25194 333-527045 334-384038	mine is not in operation
1f	General remarks of inspecting officers on geology, exploration etc			limestone of the region belongs to bag beds of cretaceous age, limestone found teh lease area is of cement grade nodular and corraline limestone in charactarization.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to do development work in the block a in the southern portion of the lease area	development was not done as per given proposal	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	only one bench in mineral was proposed	only one mineral bench	
2c	Stripping ratio or ore to OB ratio	NIL	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			Development work is slower than proposal, limestone in encountered directly on the surface therefore no separate benches proposed, neither prepared, the area has no OB and Top soil.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one (in the southern portion of the lease area)	
3b	Quantity of ROM mineral production proposed	1433	0	mining operations not in progress
3c	Recovery of sailable/usable mineral from ROM production	3582	0	
3d	Quantity of mineral reject generation	NIL	NIL	

3e	Grade of mineral rejects generation and threshold value declared.	not proposed	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	no such activity seen at the time of inspection	
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	Drilling and blasting proposed	No such activity seen at the time of inspection	
3k	Provision of mining machineries in mineral benches	use of HEMM proposed	no such activity seen	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	NIL	
3m	Total area covered under excavation/pits	464 sq m	350 sq m (aprox)	
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	no OB present in the pit
3o	Total area put in use under different heads at the end of year	5.64	4.50	

3p	Production of ROM mineral during the last five year period as applicable	NIL	No production had been reported yet, operations not in progress yet,	
3q	General remarks of inspecting officers on method of mining etc.			Use of HEMM was proposed with drilling and blasting wherein applicable due to other statutory clearances no operations were done as per the proposal given in mining plan.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Proposed	No dump proposed, due to non-generation of OB and Top Soil	
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4e	Number of active and alive dumps.	NIL	NIL	
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.	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 dump was proposed due to non generation of Top soil and OB

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	No area fully mature enough 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.	No area is mature enough for reclamation program, no mining activity done as per the proposal, due to clearances from other statutory departments
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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).	NIL	NIL	
6b	Area available for rehabilitation (ha) .	NIL	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	NIL	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)	Not Proposed	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No reclamation program proposed, this is a new mine and mine was not in operation due to other sautory clearances from other departments.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	it was proposed to dispatch rom to near by cement plant	No production reported hence no rom dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical method was proposed	NIL	
7c	Different grade of mineral sorted out at mines.	not proposed	NIL	
7d	Any beneficiation process at mines	not prposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			ROM is being proposed for dispatch to near by cement plant

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	NIL
8b	Concurrent use or storage of topsoil	Not Proposed	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	NIL
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)	NIL	NIL
8g	Survival rate	NIL	NIL
8h	Water sprinkling on roads to control airborne dust	Not Proposed	NIL

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	there no OB and top soil generation due to direct limestone encounter on surface, no separate dumping proposed
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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 not submitted		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	online return not submitted		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	
9d	Scrutiny of Annual return on afforestation	NIL	NIL	
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	NIL	NIL	
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 cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	22-OCT-19			
	Rule 45(5)	22-OCT-19			
	Rule 55	22-OCT-19			

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines