

MCDR-MiFLOLST/3/2022-JBP-IBM\_RO\_JBP  
INDIAN BUREAU OF MINES

MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/16982/2023

MCDR inspection REPORT

Jabalpur regional office

Mine file No : MP/KTN/LST-61

Mine code : 38MPR18025

- (i) Name of the Inspecting : C004 ) ROBERT SIMON C  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mukesh dinesh Prasad (Mines Manager)  
Official with  
Designation
- (iv) Date of Inspection : 17-SEP-22
- (v) Prev.inspection date : 04-DEC-20

PART-I : GENERAL INFORMATION

1. (a) Mine Name : GANGA - I ( 5.76 HA )
- (b) Registration NO. :
- (c) Category : A
- (d) Type of Working : Opencast
- (e) Postal address
- State : MADHYA PRADESH
- District : KATNI
- Village : BADARI
- Taluka : VIJAYRAGHAVGARH
- Post office : KYMORE
- Pin Code : 483880
- FAX No. : N. A.
- E-mail : MANOJ.SINGH9@adani.com
- Phone : 07622- 221976, 222304
- (f) Police Station :
- (g) First opening date : 03-APR-78
- (h) Weekly day of rest : THU
2. Address for : M/S ACC Limited  
correspondance P.O. KYMORE, VIA. JUKEHI,  
DIST KATNI (M.P.) 483501
3. (a) Lease Number : MPR0264
- (b) Lease area : 5.76
- (c) Period of lease : 50
- (d) Date of Expiry : 31-MAR-30
4. Mineral worked : LIMESTONE Main  
DOLOMITE Associated

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## 5. Name and Address of the

Lessee : SRIDHAR BALAKRISHNAN  
CEMENT HOUSE 121, M K ROAD MUMBAI  
MAHARASHTRA  
PHONE: 022-67973967

Owner : SRIDHAR BALAKRISHNAN  
CEMENT HOUSE 121, M K ROAD MUMBAI  
MAHARASHTRA  
PHONE: 022-67973967

6. Date of approval of Mining Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	04-AUG-04
		Mining Scheme rule 12 MCDR1988	06-MAR-13
		Mining Scheme rule 12 MCDR1988	18-SEP-14
		MP modif under 17(3) MCR 2016	15-JAN-18

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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	The Entire lease area has already been explored upto G1 level	
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	NA	Nil	
1e	Balance reserve as on 01/04/20		2.73 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			The Entire lease area has already been explored upto G1 level.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	2658080 N to 2657950 N ; 456580 E to 456630 E	2658080 N to 2658120 N ; 456630 E to 456600 E	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate Overburden and mineral benches is planned	Separate Overburden and mineral benches is maintained	
2c	Stripping ratio or ore to OB ratio	NA, as no Overburden proposed	NA	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	

## Exploitation:

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Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	49938	2145.6	Violation pointed out under rule 11(1) of MCDR 2017.
3c	Recovery of sailable/usable mineral from ROM production	Entire ROM is to be used in Cement plant	Entire ROM used in Cement plant	
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	MECHANISED	MECHANISED	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	NA	
3j	Provision of drilling and blasting in mineral benches	drilling & blasting in mineral benches proposed	drilling & blasting in mineral benches adopted	
3k	Provision of mining machineries in mineral benches	Deployment mining machineries in mineral benches proposed	BACK HOE 2.800 CUM 1 Non Electrical Opencast BLAST HOST DRILL 115.000 MM 1 Non Electrical Opencast DUMPER 40.000 TONNE 2 Non Electrical Opencast CRUSHER 400.000 T/H 1 Electrical Opencast CONVEYOR (ELEC.) 400.000 T/H 1 Electrical Opencast	

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3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	Number of Benches - 4 (ore) & 1 (OB) of Average height 6m & 4m respectively
3m	Total area covered under excavation/pits	5.5 ha	5.5 ha
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil
3o	Total area put in use under different heads at the end of year	5.76 ha	5.76 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 50550 2018-19: 31850 2019-20: 50000 2020-21: 49613 2021-22: 49938	2017-18: 37596 2018-19: 31424 2019-20: 38423 2020-21: 36081 2021-22: 2145.6

## Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
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)	NA	NA	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	

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4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil
4j	Number of settling ponds	Nil	Nil

## 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	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No backfilling & reclamation proposed in the lease area.

## 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	submitted	

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6b	Area available for rehabilitation (ha) .	Nil	Nil
6c	afforestation done (ha).	Nil	Nil
6d	No. of saplings planted during the year	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil
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.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil

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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	Environment monitoring (core zone & buffer zone) carried out.

## Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch proposed	ROM mineral dispatch carried out.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Nil	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			ROM mineral dispatch carried out.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	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)	not proposed	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	not proposed	Nil	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust proposed	Water sprinkling on roads to control airborne dust done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Aesthetic beauty in and around mine area is fine.

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**Compliance of Rule 45:**


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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	given	Monthly and Annual returns submitted online.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager Mr Mukesh Prasad Mining Engineer in charge Mr Puhendra Nagar Geologist in charge Mr Pavankumar N
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	given	Covered under current (O/C) Workings 5.500 Used for waste disposal 0.260
9d	Scrutiny of Annual return on afforestation	given	Number of trees planted Outside lease area during the year is 200 nos. Survival rate in percentage 85.
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

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9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	given	Grades Opening stock at mine head (in tonne) Production (in tonne) Dispatches 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 0.000 2145.600 2145.600 0.000 268.00
9h	Scrutiny of Annual return on fixed assets	Given	Value of Fixed Assets (in Rs.) 3608714
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) BACK HOE 2.800 CUM 1 Non Electrical Opencast BLAST HOST DRILL 115.000 MM 1 Non Electrical Opencast DUMPER 40.000 TONNE 2 Non Electrical Opencast CRUSHER 400.000 T/H 1 Electrical Opencast CONVEYOR (ELEC.) 400.000 T/H 1 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 on
MCDR17	Rule 11(1)	31-JAN-23		11-SEP-23	

Date :

(ROBERT SIMON C)

Indian Bureau of Mines