

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

MCDR INSPECTION REPORT

Guwahati regional office

Mine file No : IBM/GHY/MEG/JNH/LST-10

Mine code : 38MEG03012

- (i) Name of the Inspecting : **SQ01**) **Sri S. K. MOHAPATRA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Champak Nath, Geologist
Official with
Designation
- (iv) Date of Inspection : 24/08/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LARUNG (4.76 HA)**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MEGHALAYA
District : JAINTIA HILLS
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : cmd@bestcement.co.in
Phone : 03612464385
- (f) Police Station : Lumshnong
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : Vill- Wahiajer, PO- Lumshnong,
correspondance East Jaintia Hills
Meghalaya-793210.
3. (a) Lease Number : MEG0033
- (b) Lease area : 4.76
- (c) Period of lease : 30
- (d) Date of Expiry : 21/06/2039
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : JUD CEMENTS LIMITED
Wahiajer, Lumshnong East
Jaintia Hills Meghalaya
JAINTIA HILLS MEGHALAYA
Phone:
FAX :

Owner : Shri Adarsh Junjhunwala
Anil Plaza, 4th floor (B-1)
Near ABC, Bhangagarh
Guwahati KAMRUP ASSAM
Phone: 03612464385
FAX :

Agent : Sri Sudesh Sharma
Vill- Wahiajer, Elaka-
Narpuh, PO- Lumshnong, East
Jaintia Hills Meghalaya
JAINTIA HILLS MEGHALAYA
Phone:
FAX :

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	Nil	Nil	Exploration not proposed during the reporting year.
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	Exploration not proposed during the reporting year.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Not applicable	Exploration not proposed during the reporting year.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Total area of 4.76 Ha is already under G1 category.
1e	Balance reserve as on 01/04/20		2855901 tons	2855901 tons balance reserve as on 31.03.2018.
1f	General remarks of inspecting officers on geology, exploration etc	Exploration has not proposed	Exploration not carried out	Exploration has not proposed during the reporting year.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N3500-3625, E3000-3250 as per the geological plan	Partially carried out.	Lessee has partially carried out the proposal.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Benches have been proposed Ore and waste separately.	Partially carried out	Lessee has partially carried out the proposal.
2c	Stripping ratio or ore to OB ratio	1.00	1.00	Complied

2d	Quantity of topsoil generation in m3	Nil	Nil	Not proposed during the reporting year.
2e	Quantity of overburden generation in m3	Nil	Nil	Complied as per proposal
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Open cast mining method has been proposed.	Partially carried out.	Lessee has partially carried out the proposal of the reporting year.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	Complied
3b	Quantity of ROM mineral production proposed	36336.01 Tons	2024677.770 Tons	The lessee has produced 2024677.770 tons during the reporting year.
3c	Recovery of sailable/usable mineral from ROM production	363361.01 Tons	2024677.770 Tons	The lessee has produced 2024677.770 tons during the reporting year. during the reporting year.
3d	Quantity of mineral reject generation	Nil	Nil	Complied
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	Not proposed
3f	Quantity of sub grade mineral generation.	Nil	Nil	Not Proposed during the reporting year.
3g	Grade of sub grade mineral generation	NA	NA	Not Proposed during the reporting year.

3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	Complied
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Not proposed during reporting year.
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting proposed	Drilling and blasting carried out	Complied
3k	Provision of mining machineries in mineral benches	Shovel and Dumper combination.	Shovel and Dumper combination.	Complied.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable proposed	partially carried out	Partial17y complied.
3m	Total area covered under excavation/pits	4.13 Ha.	4.13 Ha.	Complied
3n	Ore to OB ratio for the pit/mine during the year.	1:0.00	1:0.00	Complied
3o	Total area put in use under different heads at the end of year	4.13 Ha	4.13 Ha	Complied
3p	Production of ROM mineral during the last five year period as applicable	1780767 Tons	1037886 Tons	1037886 Tons of limestone produced since last five years.
3q	General remarks of inspecting officers on method of mining etc.			The lessee has partially carried out the proposal given in the approved review of 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)	Yes proposed	Carried out	Complied.
4b	Location of topsoil, OB and mineral reject dumps	Proposed	Carried out as per proposal	Complied
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Not proposed
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	Not proposed
4e	Number of active and alive dumps.	Nil	Nil	Not proposed.
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Not applicable	Not applicable	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Not applicable	Not applicable
4j	Number of settling ponds	Nil	Nil	Not proposed.
4k	Specific comments of inspecting officer on waste dump management			there was dumping proposal within the lease area.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Nil	Nil	Not proposed during the reporting year.
5b	Area under backfilling of mined out area	Nil	Nil	Not proposed during the reporting year.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Not proposed during the reporting year.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Not proposed during the reporting year.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Reclamation & rehabilitation work has not been carried out during the reporting year because there was no proposal for reclamation & rehabilitation.

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).	Annual report on PMCP to be submitted.	Not Submitted	Not Submitted for the reporting year.
6b	Area available for rehabilitation (ha) .	Nil	Nil	Not proposed for the reporting year.
6c	afforestation done (ha) .	Nil	45 saplings	Planted 45 saplings.
6d	No. of saplings planted during the year	150	170	Planted 45 sapling during the year

6e	Cumulative no .of plants	Nil	Nil	Nil
6f	Any other method of rehabilitation	Nil	Nil	Not proposed for the reporting year.
6g	Cost incurred on watch and care during the year	Rs. 72000	Rs. 72000	Complied
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	Not proposed
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Not proposed.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Nil	Not proposed during the reporting year.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Not proposed during the reporting year.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	Not proposed during the reporting year.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	Not proposed during the reporting year.

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	Not proposed during the reporting year.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil	Not proposed during the reporting year.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Carried out	Complied
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Reclamation & rehabilitation has not proposed during the reporting year.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	100% ROM dispatched to the cement plant.	100% ROM dispatched to the cement plant.	100% ROM dispatched to the cement plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised	Mechanised	Mechanised
7c	Different grade of mineral sorted out at mines.	Nil	Nil	Not proposed during the reporting year.
7d	Any beneficiation process at mines .	Nil	Nil	Nil

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	100% ROM dispatched to the cement plant and no beneficiation process has been proposed.	100% ROM dispatched to the cement plant and no beneficiation process has been proposed.	100% ROM dispatched to the cement plant and no beneficiation process has been proposed.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	Not proposed, as there is no top soil in the lease area.
8b	Concurrent use or storage of topsoil	Not applicable	Not applicable	Not proposed, as there is no top soil in the lease area.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	Complied
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	Not proposed during the reporting year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Not proposed during the reporting year.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	150 Saplings	170 Saplings	Complied.
8g	Survival rate	Nil	45	Complied
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul roads was proposed.	Water sprinkling on haul roads were carried out.	Complied.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No such specific proposal	Carried out as per the proposal geiven for plantation and water sprinkling.	Complied the proposals of plantation and water sprinkling.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	As per Rule 45 of MCDR 2017, annual and monthly return to be submitted.	Both Annual return and monthly return have been submitted.	Lesse has been submitted both annual and monthly returns for the reporting year.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Both Mining Engineer and Geologist have been deployed.	Both Mining Engineer and Geologist have been deployed.	Both Mining Engineer and Geologist have been deployed.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	4.13 Ha.	4.13 Ha.	Complied as per the proposal.
9d	Scrutiny of Annual return on afforestation	150 saplings proposed	170 saplings planted	Complied

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Complied
9f	Scrutiny of Annual return on ROM stock and/or graded ore	34060.205 tons of ROM	34060.205 tons of ROM	Complied.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	As proposed in RoMP	Carried out as per RoMP	Complied.

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

Date :
(Sri S. K. MOHAPATRA)

Indian Bureau of Mines