

INDIAN BUREAU OF MINES
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION
MCDR INSPECTION REPORT

Guwahati Regional office

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

Mine code : 38MEG03012

Date of Inspection: 30.01.2018

General

S.N.	Particulars	
1	Name of the Mine	Larung Limestone Mine
2	Total Lease Area(Ha) with breakup of Non-forest and forest land	Non Forest- 4.76 Ha. Forest Land- 0.00 Ha.
3	Mine code	38MEG03012
4	IBM Registration Number under rule 45 of MCDR , 1988	IBM/7082/2011
5	Name of the lessee,Address,phone, email and fax number	M/s. JUD Cements Limited
6	Village	Wahiajer
7	Elaka	Narpuh
8	District	East Jaintia Hills
9	Pincode	793210
10	State	Meghalaya
11	Post office	Lumshnong
12	Nearest police station	Lumshnong
13	Nearest Railway station	Badarpur Railway Station
14	Date of Grant of Mining Lease	09.01.2008
15	Date of Execution	22.06.2009
16	Date of opening of Mine	
17	Date of first Renewal , if applicable and its period & expiry	N/A
18	Date of second Renewal , if applicable and its period & expiry	N/A
19	Date of submission of Renewal application if Mining operations are continuing under deemed extension	N/A
20	Name of the Nominated owner with Address, phone, email,fax number and date of appointment	Shri Adarsh Junjhunwala (Managing Director) M/S JUD Cements Ltd. Anil Plaza, 4th floor (B-1) Near ABC, Bhangagarh, G.S Road, Ghy- 781005. Ph. No- 03612464385, Email : cmd@bestcement.co.in
21	Name of the Mine agent with Address, phone, email,fax number and date of appointment	Sri Sudesh Sharma, M/S JUD Cements Ltd., Vill- Wahiajer, Elaka-Narpuh, PO- Lumshnong, East Jaintia Hills, Meghalaya. Pin- 793210, Date of Appointment- Form-H not submitted
22	Name of the Mines Manager with Address, phone, email,fax number and date of appointment	Shri Krishna Murari, M/S JUD Cements Ltd., Vill- Wahiajer, Elaka-Narpuh, PO- Lumshnong, East Jaintia Hills, Meghalaya. Pin- 793210, Date of Appointment- 21.03.2016
23	Name of the Mining Engineer , Qualification and total experience with Address , phone, email, fax number and date of appointment in mine	Shri Krishna Murari, M/S JUD Cements Ltd., Vill- Wahiajer, Elaka-Narpuh, PO- Lumshnong, East Jaintia Hills, Meghalaya. Pin- 793210, Date of Appointment- 21.03.2016
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44	Yes (Form-H not submitted)
25	Date of Approaval of Mining plan/Modified Mining plan with five year period & specific condition in approaval letter, if any	Letter No- 314(3)/2008-MCCM(CZ)/MP-8/1098, Date: 04.10.2008
26	Date of Approaval of Scheme of Mining/Modified Scheme of Mining with five year period & specific condition in approaval letter, if any	Letter No- IBM/GHY/MEG/JNH/LST/MS-33, Date: 09/09/2016 for the period 2015-16 to 2019-20
27	Mineral(s) granted in lease and proved for mining	Limestone

28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Mnual)	A- Fully Mechanised
30	Captive/Non Captive	Captive

Scientific Mining : Compliance of proposals of approved mining plan/scheme of mining(Duplication of information in existing TMIS data sheets and draft write up has been avoided)

Exploration

S.N.	Items	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil		
1b	Exploration over lease area for Geological axis 1 or 2	No Proposal in the year 2017-18	Nil	
1c	Exploraion Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.01.2018		2891033 Tons	
1f	General remarks of inspecting officer on geology, exploration etc.			

Development

S.N.	Items	Proposals	Actual work	Remarks
2a	Location of development w.r.t lease area	As per the proposal of RoMP	Partially complied to the proposal	
2b	Separate benches in topsoil , overburden and mineral(Rule 15)	1-OB, 5- Ore	1-OB, 5- Ore	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t type of deposit etc.			

Exploitation

S.N.	Items	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	363361.01 Tons	167335.515 Tons	
3c	Recovery of salable/usable mineral from ROM production	363361.01 Tons	167335.515 Tons	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and thershold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual/Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling &blasting in mineral benches	Yes	Yes	
3k	Provision of mining machineries in mineral benches	Yes	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 mtrs	6 mtrs	
3m	Total area covered under excavation / pits	4.13 Ha.	4.13 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	
3o	Total area put in use under different heads at the end of year	4.13 Ha.	4.13 Ha.	
3p	Production of ROM mineral during last five year, as applicable		1172246.979 Tons	
3q	General remarks of inspecting officer on method of mining etc			

Solid Waste Management- Dumping

S.N.	Items	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject(Rule 32, 33)	N/A	Nil	
4b	Location of topsoil , OB & mineral reject dumps	Nil	Nil	As per proposal the existing dumps are outside of the lease area
4c	Number of dumps within lease area and outside lease area	Nil	Nil	2 dumps are outside of lease area but presently not working
4d	Location of dumps w.r.t ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dump	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			

Solid Waste Management- Backfilling

S.N.	Items	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling , reclamation etc			

Progressive Mine Closure Plan

S.N.	Items	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20		Submitted upto 2016-17	
6b	Management of worked /mined out benches i)Area available for rehabilitation (ha) ii)Afforestation done(ha) ii) No. of saplings planted during the year iv)Cumulative no. of plants v) Any other specific method of rehabilitation vi)Cost incurred on watch & care during the year	Not Proposed	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii)Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Not Proposed	Nil	

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated(ha) iii) Method of rehabilitation	Not Proposed	Nil	
6e	Compliance of Environmental monitoring(core zone & buffer zone)	Yes	Complied	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

Mineral Conservation

S.N.	Items	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	N/A	N/A	
7b	Method of grade -wise mineral sorting i.e manual or mechanical	N/A	N/A	
7c	Different grade of mineral sorted out at mines	N/A	N/A	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Items	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Topsoil	N/A	
8b	Concurrent use or storage of topsoil	N/A	N/A	
8c	Separate dumps for overburden , waste rock , rejects and fines(Rule 33)	Nil	Nil	As per proposal the existing dumps are outside of the lease area
8d	Use of overburden , waste rock, rejects and fines dumps for restoring the land to its original use	N/A	N/A	
8e	Phased restoration , reclamation and rehabilitation of lands affected by mining operations(pits, dumps etc)	N/A	N/A	
8f	Baseline information on existence of plantation & additional plantation done(Rule 41)	Not Proposed	Nil	
8g	Survival rate	N/A	N/A	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling done by Water Tanker	Water sprinkling done by Water	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

Compliance of Rule 45

S.N.	Item	Comments		Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Return submitted upto	Dec-1017	
		Annual Return submitted upto	2016-2017	
S.N	Item	Details Given in Annual Return	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mentioned as N.A in the column of agent and geologist	Present during inspection	Intimation of appointment of agent and geologist has not submitted

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		Nil	
9d	Scrutiny of Annual return on afforestation		Nil	Not in proposal
9e	Scrutiny of Annual return on mineral reject generation(Grade & Quantity)		Nil	
9f	Scrutiny of Annual return on ROM stock and/ or graded ore		Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost		Nil	
9i	Scrutiny of Annual return on fixed assets		Nil	
9k	Scrutiny of Annual return on mining machineries		Nil	

Details of Violation observed during current inspection and compliance position of earlier violation pointed out :-

Violations under rule 11(1), 32(1)(a), and 46 were pointed out and violation letter has been issued issued to the lessee on 12.02.2018. No detail information available with this office for the last MCDR inspection of the above mine.

Name of inspecting officer with designation and date