

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR INSPECTION REPORT
Guwahati Regional office

Mine file No : IBM/GHY/MEG/EKH/LST-3	Mine code : 38MEG04005
Date of Inspection: 04/08/2016	

General

S.N.	Particulars	
1	Name of the Mine	Nongtraï Limestone Mine
2	Total Lease Area(Ha) with breakup of Non-forest and forest land	100.00 Ha.(Forest Land)
3	Mine code	38MEG04005
4	IBM Registration Number under rule 45 of MCDR , 1988	IBM/7411/2011
5	Name of the lessee,Address,phone, email and fax number	M/s Lafarge Umiam Mining Pvt. Ltd., Hotel polo Towers, Polo Grounds, Oakland Road, Shillong-793001, Meghalaya,Tel- 0364 250115, Fax-0364 250116
6	Village	Nongtraï
7	Taluka/Mandal	Sohra
8	District	East Khasi Hills
9	Pincode	793112
10	State	Meghalaya
11	Post office	Shella Bazar
12	Nearest police station	Shalla
13	Nearest Railway station	Guwahati
14	Date of Grant of Mining Lease	29-08-2001
15	Date of Execution	03-01-2002
16	Date of opening of Mine	28-03-2003
17	Date of first Renewal , if applicable and its period & expiry	Not Applicable
18	Date of second Renewal , if applicable and its period & expiry	Not Applicable
19	Date of submission of Renewal application if Mining operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated owner with Address, phone, email,fax number and date of appointment	Name-Mr. Shivesh Kumar Sinha, Address-M/s Lafarge Umiam Mining Pvt. Ltd., Hotel polo Towers, Polo Grounds, Oakland Road, Shillong-793001, Meghalaya,Tel- 0364 250115, Fax-0364 250116, Date of appointment- 1st April 2016
21	Name of the Mine agent with Address, phone, email,fax number and date of appointment	Name-Mr. Amit Kumar, Address-M/s Lafarge Umiam Mining Pvt. Ltd., Nongtraï Limestone Mine, P.O- Shella Bazar, Dist- East Khasi Hills, State-Meghalaya, Pin-793112, Phone-03637 261347/50, Date of appointment- 30th June 2008
22	Name of the Mines Manager with Address, phone, email,fax number and date of appointment	Name- Shri. Pramod Kr. Singh, Address-M/s Lafarge Umiam Mining Pvt. Ltd., Nongtraï Limestone Mine, P.O- Shella Bazar, Dist- East Khasi Hills, State-Meghalaya, Pin-793112, Phone-03637 261347/50, Date of appointment- 17th July 2013
23	Name of the Mining Engineer , Qualification and total experience with Address , phone, email, fax number and date of appointment in mine	Name- Shri. Pramod Kr. Singh, Address-M/s Lafarge Umiam Mining Pvt. Ltd., Nongtraï Limestone Mine, P.O- Shella Bazar, Dist- East Khasi Hills, State-Meghalaya, Pin-793112, Phone-03637 261347/50, Date of appointment- 17th July 2013

24	44 Date of Approaval of Mining plan/Modified Mining plan with five year period & specific condition in approaval letter, if any	Yes, Name- Shri Padam Prasad Sharma, Address-M/s Lafarge Umiam Mining Pvt. Ltd., Nongtraai Limestone Mine, P.O- Shella Bazar, Dist- East Khasi Hills, State-Meghalaya, Pin- 793112, Phone-03637 261347/50, Date of appointment- 12 th Feb 2013
25	Date of Approaval of Scheme of Mining/Modified Scheme of Mining with five year period & specific condition in approaval letter, if any	1) Mining plan for the applied area of 99 Ha. was Approaved vide letter no.314(3)/97-MCCM-C/MP-3 Dated. 04/03/1999 2) Modified Mining plan for revided lease araea of 100 Ha. was approved vide letter no. 314(3)/2000-MCCM-C/MP-5 Dated. 25/06/2000 3) Revised mining plan was approved vide letter no. 314(3)/2002/MCCM (C)/MP-11 Dated.11/10/2002 4) Modified mining plan was approved vide letter no.314(3)/2007-MCCM(CZ)/MP-14/1048 Dated.10.09.2007
26	Mineral(s) granted in lease and proved	Limestone
27	Method of Mining(Opencast, Underground)	Opencast
28	Category (Fully Mechanised, Others or Mnual)	Fully Mechanised
29	Captive/Non Captive	Non-Captive

Scientific Mining : Compliance of proposals of approved mining plan/scheme of mining

Exploration

S.N.	Items	Proposals	Actual work	Remarks
1a	Backlog of previous year	24 No. DTH holes proposed to be drilled within the active mining lease area	Done	Form-J received
1b	Exploration over lease area for Geological axis 1 or 2	....		Nil
1c	Exploraion Agency & Expenditure in lakh Rupees during the year	....	Exploration Agency- GIEM (India) Consortium ,	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	....	....	Nil
1e	Balance reserves as on 01.04.2016	....	126.61 mill tonn	Nil
1f	General remarks of inspecting officer on geology, exploration etc.	....	....	Nil

Development

S.N.	Items	Proposals	Actual work	Remarks
2a	Location of development w.r.t lease area	....	As per Approved S.o. M	Nil
2b	Separate benches in topsoil , overburden and mineral(Rule 15)	....	In Ore-05, In OB/Waste- Nil	Nil
2c	Stripping ratio or ore to OB ratio	1:0	1:0	Nil

	Quantity of topsoil generation in m3	Not Applicable	Not Applicable	Nil
	Quantity of overburden generation in m3	Not Applicable	Not Applicable	Nil
2f	General remarks of inspecting officer on development of pit w.r.t type of deposit etc.	Not Applicable	Not Applicable	Nil

Exploitation

S.N.	Items	Proposals	Actual work	Remarks												
3a	Number of pits proposed for production	One	One	Nil												
3b	Quantity of ROM mineral production proposed	2000000	2000000	Nil												
3c	Recovery of salable/usable mineral from ROM production	NIL	Not Applicable	Nil												
3d	Quantity of mineral reject generation	NIL	Not Applicable	Nil												
3e	Grade of mineral reject generation and threshold value declared	NIL	Not Applicable	Nil												
3f	Quantity of sub-grade mineral generation	NIL	Not Applicable	Nil												
3g	Grade of sub-grade mineral generation	NIL	Not Applicable	Nil												
3h	Manual/Mechanised method adopted for segregating from ROM	NIL	Not Applicable	Nil												
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	Not Applicable	Nil												
3j	Provision of drilling & blasting in mineral benches	NIL	Not Applicable	Nil												
3k	Provision of mining machineries in mineral benches	NIL	Not Applicable	Nil												
3l	and mineral suitable for method of mining proposed in MP/SOM	Yes	Average height 8 m	Nil												
3m	Total area covered under excavation / pits	...	40.015	Nil												
3n	Ore to OB ratio for the pit/mine during the year	1:00	1:00	Nil												
3o	Total area put in use under different heads at the end of year	...	49.96 Ha.	Nil												
3p	Production of ROM mineral during last five year, as applicable	Not Applicable	<table border="1"> <thead> <tr> <th>Year</th> <th>Production (Ton)</th> </tr> </thead> <tbody> <tr> <td>2011-12</td> <td>1390337</td> </tr> <tr> <td>2012-13</td> <td>1851048</td> </tr> <tr> <td>2013-14</td> <td>1956390</td> </tr> <tr> <td>2014-15</td> <td>2000000</td> </tr> <tr> <td>2015-16</td> <td>2000000</td> </tr> </tbody> </table>	Year	Production (Ton)	2011-12	1390337	2012-13	1851048	2013-14	1956390	2014-15	2000000	2015-16	2000000	Nil
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2011-12	1390337															
2012-13	1851048															
2013-14	1956390															
2014-15	2000000															
2015-16	2000000															
3q	General remarks of inspecting officer on method of mining etc	Nil	Nil	Nil												

Solid Waste Management- Dumping

S.N.	Items	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Not Applicable	Nil
4b	Location of topsoil, OB & mineral reject dumps	Nil	Not Applicable	Nil
4c	Number of dumps within lease area and outside lease area	Nil	Not Applicable	Nil
4d	Location of dumps w.r.t ultimate pit limit (Rule 16)	Nil	Not Applicable	Nil
4e	Number of active & alive dumps	Nil	Not Applicable	Nil
4f	Number of dead dumps	Nil	Not Applicable	Nil

	Number of dumps stabilised	Nil	Not Applicable	Nil
	Whether Retaining wall or garland drain all along dump	Nil	Not Applicable	Nil
4i	Length of Retaining wall or garland drain all along dump	Nil	Not Applicable	Nil
4j	Number of settling ponds	Nil	Not Applicable	Nil
4k	Specific comments of inspecting officer on waste dump management	Nil	Not Applicable	Nil

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	Not Applicable	Nil
5b	Area under backfilling of mined out area	Nil	Not Applicable	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Nil	Not Applicable	Nil
5d	Total area fully reclaimed & rehabilitated	Nil	Not Applicable	Nil
5e	General remarks of inspecting officer on backfilling , reclamation etc	Nil	Not Applicable	Nil

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

Mineral Conservation

S.N.	Items	Proposals	Actual work	Remarks
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	Mineral dispatch or grade-wise sorting within lease area	Nil	Not Applicable	Nil
	Method of grade-wise mineral sorting i.e manual or mechanical	Nil	Not Applicable	Nil
7c	Different grade of mineral sorted out at	Nil	Not Applicable	Nil
7d	Any beneficiation process at mines	Nil	Not Applicable	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil	Not Applicable	Nil

Environment

S.N.	Items	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	Nil
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	Nil
8c	Separate dumps for overburden , waste rock , rejects and fines(Rule 33)	Not Applicable	Not Applicable	Nil
8d	Use of overburden , waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable	Nil
8e	Phased restoration , reclamation and rehabilitation of lands affected by mining operations(pits, dumps etc)	Not Applicable	Not Applicable	Nil
8f	Baseline information on existence of plantation & additional plantation done(Rule 41)	Not Applicable	Not Applicable	Nil
8g	Survival rate	Not Applicable	81.20% (WL) & 91.4% (OL)	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	Nil	Nil

Compliance of Rule 45


S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R submitted upto	July-2016	
		A.R submitted upto	Year 2015-16	
S.N	Item	Details Given in A.R	Observation of I/Officer	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Appointed as per MCDR-1988	Appointed as per MCDR-1988	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pit- , Reclaimed area	Area under pit-40.015 Ha., Reclaimed area-Nil	Nil
9d	Scrutiny of Annual return on afforestation	i)Number of trees planted During the year ii)	i) WL- 1921 & OL-94 ii) WL- 81.20& OL-91.4	Nil

	Scrutiny of Annual return on mineral product generation(Grade & Quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/ or graded ore	ROM Stock	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	i) Ex-mine price ii) Production Cost	i) Ex-mine price-1051.36 Rs/ Tonne ii) Production Cost- 545.53Rs/Ton	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 :-

Last MCDR inspection was done on 18/05/2015 BY Shri. Naman Ekka, Junior Mining Geologist and no Violation was pointed out

Date: 8.3.17


(G.C.Meena)
Regional Controller of Mines