

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

Mine file No : IBM/GHY/MEG/EKH/LST-2	Mine code : 38MEG04001
Date of Inspection: 29/12/2016	

**General**

S.N.	Particulars	
1	Name of the Mine	Kommarh Limestone Mine
2	Total Lease Area(Ha) with breakup of Non-forest and forest land	240.55 Ha. (Non-Forest Land)
3	Mine code	38MEG04001
4	IBM Registration Number under rule 45 of MCDR , 1988	IBM/7055/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com
6	Village	Komorrah
7	Taluka/Mandal	Cherrapunjee
8	District	East Khasi Hills
9	Pincode	793107
10	State	Meghalaya
11	Post office	Bholaganj Bazar
12	Nearest police station	.....
13	Nearest Railway station	Guwahati
14	Date of Grant of Mining Lease	05-01-1994
15	Date of Execution	26-06-1973
16	Date of opening of Mine	12-02-1973
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	<b>Name-Mr. J. R. Myrboh, Address-M/s Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com</b>
21	Name of the Mine agent with Address, phone, email, fax number and date of appointment	<b>Name-Mr. J. R. Myrboh, Address-M/s Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com</b>
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment	<b>Name- Shri. D. K. Chattopadhyay, Address-Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com, Date of appointment- 18/09/1990</b>
23	Name of the Mining Engineer , Qualification and total experience with Address , phone, email, fax number and date of appointment in mine	<b>Name- Shri. D. K. Chattopadhyay, Address-Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com, Date of appointment- 18/09/1990</b>
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44	<b>Yes, Name- Mr. Paul Newman Lamare, Address-Komorrah Limestone Mining Company Limited., 176 Upper Lachumiere, Shillong, State-Meghalaya, PIN-793001, Phone/Fax-0364 2225082, e mail-myrboh_shg@yahoo.com</b>

	Approval of Mining plan/Modified Mining plan with five year period & specific condition in approval letter, if	Mining Plan approved vide letter no. 314(3)/ 92-MCCM ( C )/MP-9 Dated 29-05-1993
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five year period & specific condition in approval letter, if any	1) S.o. M for the period of 2008-09 to 2012-13 was approved vide letter no.314(3)/2008-MCCM(CZ)/MS-38 dated 15/09/2009 2) present Review of Mining plan for the period from 2016-17 to 2017-18 was approved vide letter no.IBM/GHY/MEG/EKH/LST/MS-2 Dated.11/07/2016
27	Mineral(s) granted in lease and proved for	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Mnuual)	Fully Mechanised
30	Captive/Non Captive	Non-Captive

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

<u>Exploration</u>				
S.N.	Items	Proposals	Actual work	Remarks
				Form-J received
1a	Backlog of previous year	....	....	Nil
1b	Exploration over lease area for Geological	....	....	Nil
1c	Exploraion Agency & Expenditure in lakh Rupees during the year	....	....	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	....	....	Nil
1e	Balance reserves as on 01.04.2016	....	6.58 mill tonn	Nil
1f	General remarks of inspecting officer on geology, exploration etc.	....	....	Nil

<u>Development</u>				
S.N.	Items	Proposals	Actual work	Remarks
2a	Location of development w.r.t lease area	Not Applicable	Not Applicable	Nil
2b	Separate benches in topsoil , overburden and mineral(Rule 15)	Not Applicable	In Ore-03, In OB/Waste- Nil	Nil
2c	Stripping ratio or ore to OB ratio	Not Applicable	Not Applicable	Nil
2d	Quantity of topsoil generation in m3	Not Applicable	Not Applicable	Nil
2e	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

<u>Exploitation</u>				
S.N.	Items	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One	One	Nil
3b	Quantity of ROM mineral production proposed	Not Applicable	43736.74 Tonn	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 thershold 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

	Analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	Not Applicable	Nil												
	Provision of drilling & blasting in mineral benches	NIL	Not Applicable	Nil												
	Provision of mining machineries in mineral benches	NIL	Not Applicable	Nil												
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Average height 6 m	Nil												
3m	Total area covered under excavation / pits	...	0.900 Ha.	Nil												
3n	Ore to OB ratio for the pit/mine during the year	...	...	Nil												
3o	Total area put in use under different heads at the end of year	...	7.00 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>139831.00</td> </tr> <tr> <td>2012-13</td> <td>124631.80</td> </tr> <tr> <td>2013-14</td> <td>80617.10</td> </tr> <tr> <td>2014-15</td> <td>67347.080</td> </tr> <tr> <td>2015-16</td> <td>43736.74</td> </tr> </tbody> </table>	Year	Production (Ton)	2011-12	139831.00	2012-13	124631.80	2013-14	80617.10	2014-15	67347.080	2015-16	43736.74	Nil
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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)	Not Applicable	Not Applicable	Nil
4b	Location of topsoil, OB & mineral reject dumps	Not Applicable	Not Applicable	Nil
4c	Number of dumps within lease area and outside lease area	Not Applicable	Not Applicable	Nil
4d	Location of dumps w.r.t ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	Nil
4e	Number of active & alive dumps	Not Applicable	Not Applicable	Nil
4f	Number of dead dumps	Not Applicable	Not Applicable	Nil
4g	Number of dumps stabilised	Not Applicable	Not Applicable	Nil
4h	Whether Retaining wall or garland drain all along dump	Not Applicable	Not Applicable	Nil
4i	Length of Retaining wall or garland drain all along dump	Not Applicable	Not Applicable	Nil
4j	Number of settling ponds	Not Applicable	Not Applicable	Nil
4k	Specific comments of inspecting officer on waste dump management	Not Applicable	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	Not Applicable	Not Applicable	Nil
5b	Area under backfilling of mined out area	Not Applicable	Not Applicable	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Not Applicable	Not Applicable	Nil
5d	Total area fully reclaimed & rehabilitated	Not Applicable	Not Applicable	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	Not Applicable	Not Applicable	Nil

Progressive Mine Closure Plan

	Items	Proposals	Actual work	Remarks
	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 rehabilitation vi)Cost incurred on watch & care during the year	Not Applicable	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
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Applicable	Not Applicable	Nil
7b	Method of grade -wise mineral sorting i.e manual or mechanical	Not Applicable	Not Applicable	Nil
7c	Different grade of mineral sorted out at mines	Not Applicable	Not Applicable	Nil
7d	Any beneficiation process at mines	Not Applicable	Not Applicable	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Not Applicable	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

	... information on existence of plantation & additional plantation (Rule 41)	...	35 No. (within lease area) & 60 no. (Outside lease area)	Nil
	Survival rate	...	60% (WL) & 70% (OL)	Nil
8h	Water sprinkling on roads to control airborne dust	...	Water sprinkling on roads to control airborne dust by water tanker	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil	Nil	Nil

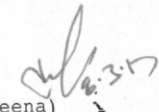
**Compliance of Rule 45**

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R submitted upto	Nov-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-0.900 Ha., Reclaimed area-Nil	Nil
9d	Scrutiny of Annual return on afforestation	i) Number of trees planted During the year ii)	i) WL- 35 & OL-60 ii) WL-60 % & OL-70%	Nil
9e	Scrutiny of Annual return on mineral reject 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-factory sale value, ii) Ex-mine price iii) Production Cost	i) Production Cost- 575.00 Rs/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 28/02/2014 BY Shri. M.G. Bhattacharyya, Junior Mining Geologist, IBM, Kolkata. During the current inspection Rule 13(1) & Rule 45 of MCDR 1988 were found violated by the Lessee. Violation letter was issued on dated 12/01/2017 .

Date:

  
 (G.C. Meena)  
 Regional Controller of Mines