

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

Guwahati Regional office

Mine file No : IBM/GHY/ASM/KAB/LST-1

Mine code : 38ASM06001

Date of Inspection: 06.02.2018

General

S.No.	Particulars	
1	Name of the Mine	Dillai Parbat Limestone Mines
2	Total Lease Area(Ha) with breakup of Non-forest and forest land	171.00 ha (Non -Forest Land)
3	Mine code	38ASM06001
4	IBM Registration Number under rule 45 of MCDR , 1988	IBM/875/2011
5	Name of the lessee,Address,phone, email and fax number	M/s. Cement Corporation of India Ltd.
6	Village	Koilajan
7	Taluka/Mandal	Bokajan
8	District	Karbi Anglong
9	Pincode	782480
10	State	Assam
11	Post office	Bokajan
12	Nearest police station	Bokajan
13	Nearest Railway station	Bokajan
14	Date of Grant of Mining Lease	26/11/1970
15	Date of Execution	21/09/1972
16	Date of opening of Mine	25/03/1973
17	Date of first Renewal , if applicable and its period & expiry	21/09/1992 to 20/09/2002 (10 years)
18	Date of second Renewal , if applicable and its period & expiry	21/09/2002 to 20/09/2022 (20 years)
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	Sri. B.V.N Prasad, Director (HR), M/s. Cement Corporation of India Ltd., Core-V, SCOPE Complex, 7- Lodhi Road, New Delhi-110003, Phone No: 011-24360015, Email:-dirhr@cementcorporation.co.in, Date of appointment :24/02/2016
21	Name of the Mine agent with Address, phone, email,fax number and date of appointment	Sri. S. K. Sahu, General Manager, M/s. Cement Corporation of India Ltd., Bokajan cement factory, Bokajan, Dist-Karbi Anglong, Assam-782490, Phone No: 03675-246106, Email:- gm_bko@cementcorporation.co.in, Date of appointment :13/02/2017
22	Name of the Mines Manager with Address, phone, email,fax number and date of appointment	Sri. Sharad Kumar, M/s. Cement Corporation of India Ltd., Bokajan cement factory, Bokajan, Dist-Karbi Anglong, Assam-782490, Phone No: 03675-246106, Email:-bokajancementmines@gmail.com, Date of appointment :10/09/2011
23	Name of the Mining Engineer , Qualification and total experience with Address , phone, email, fax number and date of appointment in mine	Sri. S Bhattacharya, M/s. Cement Corporation of India Ltd., Bokajan cement factory, Bokajan, Dist-Karbi Anglong, Assam-782490, Phone No: 03675-246106, Email:-bokajancementmines@gmail.com, Date of appointment :15/10/2004
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44	Name of geologist : Sri. Ajit Shukla (Date of appointment : (13/12/1993)
25	Date of Approaval of Mining plan/Modified Mining plan with five year period & specific condition in approaval letter, if any	Date of approval of Mining Plan , 314(3)/2004-MCCM (CZ) /MP-13, Dated 03/05/2005
26	Date of Approaval of Scheme of Mining/Modified Scheme of Mining with five year period & specific condition in approaval letter, if any	Date of approval: IBM/GHY/AS/K.A/LST/MS-74, Dated : 23/05/2017
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)	Fully Mechanized
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	No back log		
1b	Exploration over lease area for Geological axis 1 or 2	N/A	N/A	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	N/A	N/A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N/A	N/A	
1e	Balance reserves as on 01.04.2017	13.323 million tonnes	13.323 million tonnes	
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	Violation pointed out and letter has been issued to lessee
2b	Separate benches in topsoil , overburden and mineral(Rule 15)	2- Benches OB & 5- Benches in Ore	2- Benches OB & 5- Benches in Ore	
2c	Stripping ratio or ore to OB ratio	01:00	01:00	
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	Two	Two	
3b	Quantity of ROM mineral production proposed	273895 Tons	86962.030 Tons	As on 31.12.2017
3c	Recovery of salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold 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	Nil	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No	No	
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	8 mtrs	8 mtrs	
3m	Total area covered under excavation / pits	41.20 ha	41.20 ha	
3n	Ore to OB ratio for the pit/mine during the year	01:00	01:00	
3o	Total area put in use under different heads at the end of year	41.20 ha	41.20 ha	
3p	Production of ROM mineral during last five year, as applicable		725428.665 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)	Nil	Nil	
4b	Location of topsoil , OB & mineral reject dumps	Nil	Nil	
4c	Number of dumps within lease area and outside lease area	5	5	
4d	Location of dumps w.r.t ultimate pit limit (Rule 16)	Within the UPL	Within the UPL	
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	4	4	
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	3.75 Ha	3.75 Ha	Completed earlier
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	3.75 Ha	3.75 Ha	
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	No. of sapling during the year : 280	No. of sapling planted : 50	As on Dec-2017
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	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated(ha) iii) Method of rehabilitation	Nil	Nil	
6e	Compliance of Environmental monitoring(core zone & buffer zone)	Complied	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	ROM directly send to crusher from mine
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	N/A	N/A	
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)	5 Dumps	5 Dumps	
8d	Use of overburden , waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	

8e	Phased restoration , reclamation and rehabilitation of lands affected by mining operations(pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done(Rule 41)	Sapling : 280	Sapling: 50	
8g	Survival rate	-----	80%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling done by Water Tanker	Water sprinkling done by Water Tanker	
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	Submitted upto December 2017	
		Annual Return submitted upto	Submitted upto 2016 -17	
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		Nil	
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	
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) and 32(1)(a) & 32(5) (b) are pointed out and violation letter has been issued to the lessee on 13.02.2018. As per the office record last MCDR inspection was carried out by Sri Naman Ekka, JMG Guwahati on 14.09.2014.

Name of inspecting officer with designation and date