

## FOR THE YEAR 2024-25

## MCDR INSPECTION REPORT Mynkree Limestone Mine, M/s Hills Cement Company Limited

## 1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Mynkree Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.00 Ha.
	Name of Inspecting officer	Shri Manash Jyoti Saikia
	Date of Inspection:	05.12.2024
3	Mine Code	38MEG03014
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/7580/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Hills Cement Company Limited <b>Address:-</b> Village - Mynkree, 116 km stone (NH 44) Sub - Div- Khliehriat, Dist- East Jaintia Hills Meghalaya,PIN-793210, Mobile-6909379076, <a href="mailto:Email-mines@hccl.in">Email-mines@hccl.in</a>
6	Village	Mynkree
7	Taluka/Mandal	Khliehriat
8	District	East Jaintia Hills
9	Pin Code	793210
10	State	Meghalaya
11	Post office	Lumshnong
12	Nearest police station	Khliehriat
13	Nearest Railway station	Badarpur
14	Date of Grant of Mining Lease	16.11.2010
15	Date of Execution	09.12.2010
16	Date of opening of Mine	06.04.2011
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Nikhil Mittal, <b>Address-</b> S/o - Shri Basant Kumar Mittal, Village - Mynkree, 116 km stone (NH 44) Sub - Div- Khliehriat, District- East Jaintia Hills Meghalaya,PIN-793210, Mobile - 6909379076, <a href="mailto:Email-mines@hccl.in">Email-mines@hccl.in</a> Date of Appointment- 30.10.2024
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Rajendra Kumar Thalor <b>Address-</b> Village - Mynkree, 116 km stone (NH 44) Sub - Div- Khliehriat, District- East Jaintia Hills Meghalaya,PIN-793210, Mobile-6909379076 Email- <a href="mailto:Email-mines@hccl.in">Email-mines@hccl.in</a> Date of Appointment - 05.10.2015
22	Name of the Mines Manager with Address,	Shri Amit Kumar Mathur

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SN	Particulars	Details
	phone, email, fax number and date of appointment in mines	<b>Address-</b> Village - Mynkree, 116 km stone (NH 44) Sub - Div- Khliehriat, Dist- East Jaintia Hills Meghalaya,PIN-793210,  Mobile- Mobile - 6909379076, <a href="mailto:Email-mines@hccl.in">Email-mines@hccl.in</a> Date of Appointment- 12.10.2022
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Amit Kumar Mathur BE -Mining (1 <sup>st</sup> Class Mine Manager), MBA Operations <b>Address-</b> Village - Mynkree, 116 km stone (NH 44) Sub - Div- Khliehriat, Dist- East Jaintia Hills Meghalaya,PIN-793210,  Mobile- Mobile - 6909379076, <a href="mailto:Email-mines@hccl.in">Email-mines@hccl.in</a> Date of Appointment- 12.10.2022
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	1. Letter no-314(3)2009-MCCM (CZ)/MP-25 Dated -04.03.2010. Proposal Period- (2010-11 to 2014-15)  2. Letter no-IBM/GHY/MEG/JNH/LST/MP-12, Dated- 23.01.2020, Proposal period (2020-21 to 2024-25)
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
30	Captive/Non Captive	Captive

**Exploration**

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Not Applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	No Proposal	No Proposal
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	NA	No proposal in the year
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Exploration proposal	No Exploration	Area (4.0 Ha.) is in G1 stage of exploration
1e	Balance reserves as on 31.03.2025	Reserves (Lst)	Mine was under	

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		(111): 1,352,965.00 t Remaining Resources: (211) : 3,12,800.00 t	suspension as lessee unable to get EC	
1f	General remarks of inspecting officer on geology, exploration etc.	Limestone of Lakadong, Umlatodoh and Prang limestone of lower Eocene to upper Eocene of Sheila formation of Jaintia group of rocks are distinctly separated by two bands of sandstone known as Lakadong and Narpuh sandstone.		

**2.0 DEVELOPMENT**

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Northing- 2789636 to 2789793  Easting- 437823 to 438013	Nil	Mine operations discontinued Due to lack of FC & EC.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal for top soil	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.76 (227335t/17370m3)	Nil	Mine operations discontinued Due to lack of FC & EC.
2d	Quantity of topsoil generation in m <sup>3</sup>	N/A	Nil	N/A
2e	Quantity of overburden generation in m <sup>3</sup>	17370	Nil	Mine operations discontinued Due to lack of FC & EC
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Six benches were observed from 720 mRL to 670mRL. Pit dimension 140 by 180m (within Lease only). it was observed that excavation was carried out outside ML boundary; existing violation and show cause for same is there. It has been reported to DMR of Meghalaya.		

**3.0 EXPLOITATION**

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production			
3b	Quantity of ROM mineral production proposed	227335.00 T	NIL	Mine operations discontinued Due to lack of FC & EC
3c	Recovery of saleable/usable mineral from ROM production		NIL	Mine operations discontinued Due to lack of FC & EC
3d	Quantity of mineral reject generation	Not proposed	Not Applicable	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not Applicable	

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3f	Quantity of sub-grade mineral generation	Not proposed	Not Applicable	
3g	Grade of sub-grade mineral generation	Not proposed	Not Applicable	
3h	Manual/Mechanised method adopted for segregating from ROM	Not proposed	Not Applicable	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Yes	NA	Mine operations discontinued due to lack of FC & EC
3k	Provision of mining machineries in mineral benches	Proposed	NA	Mine operations discontinued due to lack of FC & EC
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	NA	Mine operations discontinued due to lack of FC & EC
3m	Total area covered under excavation/ pits	3.3 Ha	NA	Mine operations discontinued due to lack of FC & EC
3n	Ore to OB ratio for the pit/mine during the year	1:0.76 (227335t/ 17370m <sup>3</sup> )	NA	Mine operations discontinued due to lack of FC & EC
3o	Total area put in use under different heads at the end of year	3.3 ha.	NA	Mine operations discontinued due to lack of FC & EC
3p	Production of ROM mineral during last five-year period, as applicable	2018-19 (225875 T) 2019-20 (225250 T) 2020-21 (225600 T) 2021-22 (225975 T) 2022-23 (227250 T) 2023-24 (227335 T)	NA	Mine operations discontinued due to lack of FC & EC
3q	General remarks of inspecting officer on method of mining etc.	Proposed production could not be achieved due to lack of FC and EC. Mining operation discontinued		

**4.0 SOLID WASTE MANAGEMENT-DUMPING**

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Separate dump for OB	One existing dump	Mine operations discontinued due to lack of FC & EC
4b	Location of topsoil, OB & mineral reject dumps		Nil	
4c	Number of dumps within lease area and outside lease area	Not proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Within UPL	Temporary Dump

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SN	Item	Proposals	Actual work	Remarks
4e	Number of active & alive dumps	1	1	Temporary dump
4f	Number of dead dumps	Nil	Not Applicable	
4g	Number of dumps stabilised	Nil	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps	Nil	NA	
4i	Length of Retaining wall or garland drain all along dump	Nil	NA	
4j	Number of settling ponds	Not Proposed	Not Applicable	
4k	Specific comments of inspecting officer	Mine operations discontinued due to lack of FC & EC		

## 5.0 SOLID WASTE MANAGEMENT-BACKFILLING

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Not Applicable	
5b	Area under backfilling of mined out area		Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposal made for backfilling		

## 6.0 PROGRESSIVE MINE CLOSURE PLAN

SN	Item	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.	--	Not Applicable	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) 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	i) NA ii) NA iii) NA iv)NA v)Nil Vi)NA	i) NA ii) NA iii) NA iv)NA v)Nil Vi)NA	Not proposed for worked out benches
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	i) Not roposed ii) not proposed iii) NA iv)NA v)Nil Vi)NA	i) NA ii) NA iii) NA iv)NA v)Nil Vi)NA	Mine operations discontinued due to lack of FC & EC
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)0.118 m2 ii) 0.1 ha. iii) NA	NA	Mine operations discontinued due to lack of FC & EC
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Not done as the mine was discontinued	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mine operations discontinued due to lack of FC & EC		

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**7.0 MINERAL CONSERVATION**

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	Not Applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposals	Not Applicable	
7c	Different grade of mineral sorted out at mines	No proposals	Not Applicable	
7d	Any beneficiation process at mines	No proposals	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No proposal for mineral beneficiation was proposed during the reporting year		

**8.0 ENVIRONMENT**

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	Not Applicable	
8b	Concurrent use or storage of topsoil	No proposals	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Reclamation proposal	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	118 no of sapling, Within ML	Nil,	Not done as mining operation was stopped
8g	Survival rate	Not proposed	NA	
8h	Water sprinkling on roads to control airborne dust	Yes	Not Applicable	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mine operations discontinued due to lack of FC & EC		

**9.0 COMPLIANCE OF RULE 45**

SN	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	Monthly Return submitted: July, 2024 Annual return submitted for FY 2023-24		Monthly Returns being submitted online
SN	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Agent: Rajendra Kumar Thalor, Mines Manager: Shri Amit Kumar Mathur, Mining Engineer: Shri Amit Kumar Mathur, Geologist: Rajesh Kumar	Geologist, Agent and Mines manager present at the time of inspection	No mining operation was carried out.

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		Mahatoi		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit: 2.62, reclaimed: 0.15, waste disposal: 0.447, plant, buildings, roads etc.: 0.188	Pit: 2.62, reclaimed: 0.15, waste disposal: 0.447, plant, buildings, roads etc.: 0.188	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	No Reject, as mining activity was not there	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	-	-	
9i	Scrutiny of Annual return on fixed assets	FA: Rs747095489	FA: Rs747095489	
9k	Scrutiny of Annual return on mining machineries	List of Machinery: 1.Bach Hoe: 2.Dozer 3.Tippers, 4.Water tanker, 5. Air Compressor, 6. Rock Drill:	1.Bach Hoe: 2.Dozer 3.Tippers, 4.Water tanker, 5. Air Compressor, 6. Rock Drill:	

**10 - Details of violations observed during current inspection and compliance position of earlier violation pointed out:-**

Earlier violation issued based on KML file analysis on 28/09/2020 for violation of rule 11(1) for advancing mining operation towards south west side of the mining lease which is not as per the approved mining plan. Yet not satisfactorily complied.

In this inspection no violation has been issued, letter to DMR has been sent reporting mining operation beyond ML boundary.

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