

## MCDR INSPECTION REPORT

### 1.0 GENERAL

S. No	Particulars	Details
1	Name of the Mine	Chilhati Limestone Mines
2	Total Lease area (Ha) with breakup of Non Forest and forest land	1- <b>Non forest area</b> - a) Private Land -996.956 Ha, b) Govt. land -88.409 Ha , Total lease area =1085.365 (Ha) 2- <b>Forest area</b> - Nil
3	Mine Code	We have applied for mine code
4	IBM registration Number under rule 45 of MCDR, 1988	IBM/378/2011
5	Name of The Lessee, Address Phone Number, email and Fax No	Lafarge India Limited (Nominated owner Mr. Ujjwal Batria) Equinox Business Park Tower 3, East Wing 4th Floor, off Bandra -Kurla Complex, LBX road , Kurla West Mumbai-400070, India . Tel: 022-66306511, Fax: 02266306510 Website-www.lafarge.in
6	Village	Chilhati
7	Taluka/ Mandal	Masturi
8	District	Bilaspur
9	Pin code	495001
10	State	Chhattisgarh
11	Post office	Chilhati
12	Nearest Police Station	Masturi -police station and- Pachpedi- police substation
13	Nearest Railway Station	Jairam nagar
14	Date of Grant of Mining Lease	03-07-2015
15	Date of execution	22-12-2015
16	Date of opening of mine	Not yet open
17	Date of first Renewal, if applicable and its period and expiry	N/A
18	Date of second Renewal, if applicable and its period and 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 no, email, fax number and date of appointment	Nominated owner Mr. Ujjwal Batria, Equinox Business Park Tower 3, East Wing 4th Floor, off Bandra -Kurla Complex, LBX road, Kurla West Mumbai-400070, India. Tel: 022-66306511, Fax: 02266306510, Mail ID- ujjwal.batria@in.lafarge.com, Website-www.lafarge.in , Date of appointment- 26/10/2015
21	Name of the Mine Agent with address, phone no, email, fax number and date of appointment	Mr. R.C. Pathak , Agent & Plant Head Arasmeta Cement Plant of M/s Lafarge India Limited, P.O- Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh, Phone no- 07817-233234, Fax No - 07817-234237,234286 Mail ID- ramesh.chandra@lafarge.com, Date of appointment- 20/06/2016
22	Name of the Mines Manager with address, phone no, email, fax number and date of appointment	Mr. Sanjay Dwivedi, Arasmeta Cement Plant of M/s Lafarge India Limited, P.O-Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh, Phone no- 09981511598 Fax No -07817-234237,234286 Mail ID- sanjay.dwivedi@lafarge.com, Date of appointment-27/06/2016
23	Name of the Mining Engineer, qualification and total experience with address, phone no, email, fax number and date of appointment in mine	Mr. Sanjay Dwivedi, Arasmeta Cement Plant of M/s Lafarge India Limited, P.O-Gopalnagar, Tehsil- Akaltra, District- Janjgir Champa, Chhattisgarh, Phone no- 09981511598 Fax No -07817-234237,234286 Mail ID- sanjay.dwivedi@lafarge.com,
24	Name of the Geologist and Mining Engineer, appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 and 44	Appointment of Geologist under process
25	Date of approval of Mining Plan/ Modified Mining plan with five year period and specific condition in approval letter if any.	No BLS/LST/MPLN-110/NGP dated 23/01/2015
26	Date of approval of Mining Scheme/ Modified Scheme with five year period and specific condition in approval letter if any.	
27	Mineral (s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Under ground)	Opencast
29	Category (Fully Mechanized, others or Manual)	Fully Mechanized

30	Captive/ Non Captive	Captive
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**Scientific Mining: Compliance of proposals of approved mining plan/ Scheme of Mining Exploration**

S. No	Items	Proposal	Actual Works	Remarks
1a	Backlog of the previous year	36	Till date 28 hole were drilled and drilling job in progress	Job in progress
1b	Exploration over area for geological axis 1 &2	101.52 hectare proposed for G1 category Exploration	108.50 Hectare converted in G1 from G2	
1c	Exploration Agency & Expenditure in lakh during the year	Shreeram Gemicon Pvt Ltd		
1d	Balance area to be explored to bring Geological axis in 1 or 2	101.52 Hec	108.50 Ha	108.50 ha hectare in G1 and balance Lease area 976.865 hec in G2
1e	Balance reserve as on 01.04.2016	Category111- 0 million tonnes, and category122-120.07 million tonnes and in category 222-340.423 million tonnes		
1f	General Remarks of inspecting officer on Geology Exploration etc			

**2. 0 Development**

S. No	Items	Proposal	Actual Works	Remarks
2a	Location and development with respect to lease area	N11785-12842 E 10253-10442	No development works	Excavation yet to start
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Two benches 1st Bench Soil (241n to 236) and IInd bench Limestone (236-228)	No works	
2c	Stripping Ratio or Ore to OB ratio	1:0.33	No works	
2d	Quantity of Top soil generation in M3	215903	No work	

2e	Quantity of overburden generation in M3	Nil	Nil	
2f	General Remarks of inspecting officer on development of pit with respect type of deposit etc.			

### 3.0 Exploitation

S. No	Items	Proposal	Actual Works	Remarks
3a	Number of proposed pit for production	One	Nil	
3b	Quantity of ROM mineral production proposal	656250 MT	Nil	
3c	Recovery of salable/usable mineral from ROM production	Nil	Nil	
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	N/A	n/A	
3h	Manual /Mechanized method adopted for segregating from ROM	Mechanized		
3i	Any analysis or beneficiation study proposed & carried out for sub grade mineral and reject	By blending method		
3j	Provision of drilling and blasting in mineral benches	yes		
3k	Provision of mining machineries in mineral benches	Yes , HEMM		
3l	Whether height of benches in overburden and mineral suitable to method of mining proposed in MP/SOM	Yes- for soil 7 meter ( RL 241-236) and for mineral 8 meter (RL236 to 228)	No work	
3m	Total area covered under excavations pit	4 hectare	No works	
3n	Orte to OB ratio for the pit/mine during the year	1:0.33		
3o	Total area put in use under different heads at the end of the year	Pit-4 hectare Waste/reject Others		

3p	Production of ROM mineral during last five year period, as applicable	Nil	Nil	
3q	General remarks of inspecting officer on method of mining etc			

#### 4.0 Solid waste management dumping

S. No	Items	Proposals	Actual Works	Remarks
4a	Separate dumping of topsoil, OB and mineral reject (Rule 32,33)	Yes	Nil	
4b	Location of topsoil, OB & Mineral reject dumps	Proposal of soil dumping site towards NNW direction (N 12656-12842,E10253-10442) of the proposed production pit	Nil	
4c	Number of dumps with in lease area and outside the lease area	With in lease -1 and outside lease - 0	Nil	
4d	Location of dumps with respect to ultimate pit limit (Rule 16)	(N 12656-12842,E10253-10442)	Nil	
4e	No of active and alive dumps	Nil	Nil	
4f	No of dead dumps		Nil	
4g	No of dump stabilized		Nil	
4h	Whether retaining wall or garland drain all along dumps are there		Nil	
4i	Length of Retaining wall or garland drain all along dumps		Nil	
4j	Number of settling pond		Nil	
4 k	Specific comments of inspecting officer			

#### 5 Soil waste Management-Backfilling

S. No	Items	Proposals	Actual Works	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area ( rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

## 6.0 Progressive Mine Closure Plan

S. No	Items	Proposals	Actual Works	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly- Rule 22E (2). Details should be given in format as given in Annexure 20			
6b	Management of worked/mined out benches 1) 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		N/A	
6c)	Compliance on reclamation and rehabilitation by backfilling i) voids available for backfilling (LxBXD) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) any other specific means		N/A	
6d	Compliance of rehabilitation of waste land with in lease area i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation		N/A	
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & Progressive			

## 7.0 Mineral Conservation

S. No	Items	Proposals	Actual Works	Remarks
7a	ROM mineral dispatch or grade wise sorting with in lease area	By mechanized method	Nil	
7b	Method of grade wise mineral sorting i.e manual or mechanical	Mechanical method	Nil	
7c	Different grade of Mineral sorted out at mines	Yes	Nil	
7d	Any beneficiation process at mines	By blending	Nil	
6f	General remarks of inspecting officer on PMCP compliance & Progressive			

### 8.0 Environment

S. No	Items	Proposals	Actual Works	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Nil	
8b	Concurrent use or Storage of topsoil	Yes	Nil	
8c	Separate dumps for overburden waste rock reject and fines (Rule 33)		Nil	
8d	Use of overburden waste rock , reject and fines dumps for restoring the land to its original use		Nil	
8e	Phased restoration reclamation and rehabilitation of lands affected by mining operations (Pits , dumps etc)		Nil	
8f	Baseline information on existence of plantation & additional plantation done (rule 41)		Nil	
8g	Survival rate		Nil	
8h	Water sprinkling on roads to control airborne dust		Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			

### 9.0 Compliance of Rule 45

S. No	Items	Comments	Remarks
9a	Status of submission of monthly and annual returns	M.R. not submitted A. R. not Submitted	The mine is not having Mine code and the lessee is applied for mine code.

S. No	Items	Details given in A. R	Observation of inspecting officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA		
9d	Scrutiny of Annual return on afforestation	NA		
9e	Scrutiny of Annual return on mineral reject generation (grade and quantity)	NA		
9f	Scrutiny of Annual return on ROM stock and/or grade ore	NA		
9g	Scrutiny of Annual return on sale value, Ex mine price and production cost	NA		
9h	Scrutiny of Annual return on fixed assets	NA		
9i	Scrutiny of Annual return on mining machineries	NA		

**Details of violations observed during current inspection and compliance position of earlier violation pointed out: - During the inspection it was observed that mine was executed but work yet to be started. Ask the lessee to comply the statutory requirement (Rule 45 & 42). No serious violation found as the mine yet to start.**

**Rajesh Kumar Das, Sr.ACOM, DOI-26.05.2016  
(Name of inspecting officer with designation and date)**



