

MCDR INSPECTION REPORT

**General**

<b>S. N.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine	Chilhathi limestone mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	582.962 ha., Non forest land.
3	Mine code	
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/256/2011
5	Name of the lessee, Address, phone, email and fax number	ACC Limited, Jamul Cement works, District durg, phone-0788-2285081 to 85
6	Village	Godadih, Bhurkunda, Bihardih & Bidiyahdih
7	Taluka/Mandal	Masturi
8	District	Bilaspur
9	Pincode	
10	State	C.G.
11	Post office	Masturi
12	Nearest police station	Masturi
13	Nearest Railway station	Bilaspur
14	Date of Grant of Mining Lease	10.08.2009
15	Date of Execution	21.10.2009
16	Date of opening of Mine	Opening notice not submitted.
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	Not declared at the time of inspection.
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	No mine agent
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	No mines Manager appointed as the mines was not in working.

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	No Mining Engineer appointed as the mines was not in working.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No mining Engineer & geologist appointed as the mine is yet to be started.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Modified mining plan approved on 11.04.2016 for the period 14-15 to 18-19 with the proposal 2016-17 to 18-19
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 method proposed
29	Category (Fully Mechanised, Others or Manual)	Fully mechanised
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.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No specific proposal	Nil	Proposal given in Ist and IInd year of start of mines.
1b	Exploration over lease area for Geological axis 1 or 2.	NA	Nil	Old exploration done by GSI in 300*300 grid total of 41 bore holes in between December 1964 to march 1967.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	Nil	
1e	Balance reserves as on 01.04.2015	85.58 million tons	85.58 million tons	In 122 category
1f	General remarks of inspecting officer on geology, exploration etc.			The lesse has not done any exploration after execution of lease.

#### **Development**

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area			
2b	Separate benches in topsoil, overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m <sup>3</sup>			
2e	Quantity of overburden generation in m <sup>3</sup>			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

### Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	No proposal	Nil	There is no approved document for the year 2015-16.
3b	Quantity of ROM mineral production proposed	No proposal	Nil	
3c	Recovery of salable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	
3f	Quantity of sub-grade mineral generation	No proposal	Nil	
3g	Grade of sub-grade mineral generation	No proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	NA	
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	
3k	Provision of mining machineries in mineral benches	No proposal	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	
3m	Total area covered under excavation/pits	NA	Nil	
3n	Ore to OB ratio for the pit/mine during the year	NA	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Nil	
3p	Production of ROM mineral during last five-year period, as applicable	2009-10-Nil 2010-11-Nil 2011-12-100000 tons 2012-13-1800000 tons 2013-14-3570000 tons	2009-10-Nil 2010-11-Nil 2011-12-Nil 2012-13-Nil 2013-14-Nil	

		2014-15-no approved document 2015-16- no approved document	2014-15-Nil 2015-16-Nil	
3q	General remarks of inspecting officer on method of mining etc.			Mining is yet to be started.

**Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	Nil	2015-16- no approved document and modified mining plan approved on 11.04.2016 with proposal 2016-17 to 2018-19.
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA	
4e	Number of active & alive dumps	No proposal	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps stabilised	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dump	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer on waste dump management			The mine is still not started working and therefore no waste generation.

**Solid Waste Management-Backfilling**

S.N.	Item	Proposals	Actual work	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	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	NA	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			As mentioned above the mine is still not started working therefore no scope of backfilling.

**Progressive Mine Closure Plan**

S.N.	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	No proposal	No as the mine is yet to start and no opening notice given.	

	format as given in Annexure-20.			
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	No proposal	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L *B * 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) No proposal	i) Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) No proposal	i) Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			The mines is yet to start.

### **Mineral Conservation**

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	NA	
7c	Different grade of mineral sorted out at mines	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			No beneficiation carried out.

### **Environment**

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden,	No proposal	Nil	

	waste rock, rejects and fines (Rule 33)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	NA	
8g	Survival rate	No proposal	NA	
8h	Water sprinkling on roads to control airborne dust	No proposal	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			As the mine is non-working therefore no adverse impact observed due to mining.

**Compliance of Rule 45**

S.N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	MR and AR not submitted		Mine code is not allotted.
S.N.	Item	Details GIVEN in A.R.	Observation of I/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 & quantity)	NA		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA		
9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	NA		The mine is not started functioning after 6 years of execution of lease neither given notice of opening and nor submitting AR and MR.

**Details of violations observed during current inspection and compliance position of earlier violation pointed out:- The Mine is yet to start functioning therefore no serious violation found.**

**(Name of inspecting officer with designation and date)**  
**Rajesh Kumar Das, SR.ACOM &DOI-27.05.2016**