

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**MCDR INSPECTION REPORT**

**Ajmer regional office**

**Mine file No :** RAJ/PAL-46/LIM-4

**Mine code :** 38RAJ21011

- (i) Name of the Inspecting : **R018** ) **N L ROAT**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Deepak Sharma, Asstt. General Manager.  
Official with  
Designation
- (iv) Date of Inspection : 10-SEP-16
- (v) Prev.inspection date : 08-MAR-16

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MOHRAI DAGLA 29/99**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : RAJASTHAN  
District : PALI  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. : 01412378980  
E-mail : jagdish.gadiya@adityabirla  
Phone : 01412378481
- (f) Police Station : Jaitaran
- (g) First opening date : 20-JUL-15
- (h) Weekly day of rest : SUN
2. Address for : C-98, Sanghi Upasana Tower  
correspondance : Subhash Marg,  
Jaipur (Rajasthan)-302001.
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : ULTRA TECH CEMENT LTD.  
B WING, AHURA CENTRE, 2nd  
FLOOR, MAHAKALI CAVES ROAD,  
ANDHERI EAST, MUMBAI MUMBAI  
(SUBURBAN) MAHARASHTRA  
Phone:+911412378980/81  
FAX :+911412378980

Owner : ULTRA TECH CEMENT LTD.  
B WING, AHURA CENTRE, 2nd  
FLOOR, MAHAKALI CAVES ROAD,  
ANDHERI EAST, MUMBAI MUMBAI  
(SUBURBAN) MAHARASHTRA  
Phone: +911412378980/8  
FAX : +911412378980

Agent : ULTRA TECH CEMENT LTD.  
B WING, AHURA CENTRE, 2nd  
FLOOR, MAHAKALI CAVES ROAD,  
ANDHERI EAST, MUMBAI MUMBAI  
(SUBURBAN) MAHARASHTRA  
Phone: +911412378980/81  
FAX : +911412378980

6. Date of approval of Mining : Fresh under rule 22 MCR1960 19-MAR-13  
Plan/Scheme of Mining

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	As per approved modified mining plan on 19/03/2013 total 45 bore holes were proposed to drill in block A,B&E to prove limestone bed.	No such boreholes were observed to be drilled during inspection.	Nil.
1b	Exploration over lease area for geological axis 1 or 2	As per approved modified mining plan on 19/03/2013 total 45 bore holes were proposed to drill in block A,B&E to prove limestone bed.	No such proposed boreholes were observed to be drilled during inspection. In the year 1999-2k a total 17 numbers were drilled covering total 945.75m length for geological axis 1or2 of lease area.	Violation of Rule13(1) is pointed out.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Proposed exploration was to be carried out by the lessee himself. The expenditure to be incurred is not proposed.	Nil.	Nil.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal regarding balance area to be proved.	As stated by the Geologist of lessee about 204hect area is yet be explored for Geological axis 1or2.	Nil.
1e	Balance reserve as on 01/04/20	Reserves as on 1/09/2016 is159.002 millions tonns.	Reserves as on 1/09/2016 is159.002 millions tonns.	Reassessment of reserves on the basis of latest exploration data is in process.
1f	General remarks of inspecting officers on geology, exploration etc	Nil.	Reassessment of reserves on the basis of latest exploration data should be completed as early as possible.	Nil.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In block A&B N2896440 To2897140, E407340to40780 0.	Development activity are yet to started,because the mine is captive to cementplant which has not commenced so far.	There is a need sort out the problem to established the cement plan earliest.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	The separate benches for overburden is proposed.	Actually due to delay in commencement of cement plant no excavation has still been started in the mine.	Nil.
2c	Stripping ratio or ore to OB ratio	For first year 1:0.01.	Nil	Mining has not started due to delay in errection of cement plant.
2d	Quantity of topsoil generation in m3	27551m3	Nil	Mining has not started due to delay in errection of cement plant.
2e	Quantity of overburden generation in m3	27551m3	Nil.	Mining has not started due to delay in errection of cement plant.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal.	As reported by representative of lessee due to delay in change of land use and consent to establish for cement plant.	The mine is captive to Cement plant.

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	The production is proposed in Block-A &B in One pit.	Actually no production & development due to non commencement of Cement plant.	Captive limestone mine.
3b	Quantity of ROM mineral production proposed	ROM propsed for first year-1981538 Tonns.	Nil	Cement plant not yet eshtablishe& captive mine.
3c	Recovery of sailable/usable mineral from ROM production	ROM propsed for first year-1981538 Tonns.	Nil	Cement plant not eshtablishe& captive mine.
3d	Quantity of mineral reject generation	Mineral rejects 17992 tonns.	Nil	Noproduction.
3e	Grade of mineral rejects generation and threshold value declared.	Mineral rejects 17992 tonns.	Actually no mineral rejects is generated as there is no mineral production.	Nil.

3f	Quantity of sub grade mineral generation.	No proposal.	Not applicable.	Nil.
3g	Grade of sub grade mineral generation	No proposal.	Not applicable.	Nil.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised.	No mineral production is started in the mine.	Nil.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nproposal as no sub grade.	Not applicable.	Nil.
3j	Provision of drilling and blasting in mineral benches	Drilling& blasting is proposed in mineral bench.	Actually production and development is not started.	Nil.
3k	Provision of mining machineries in mineral benches	Exploitation is proposed to be carried out by machinery in mineral bench.	Actually production and development is not started.	The cement plant has not been established so far.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, benches in OB and mineral is suitable for proposed method in modified MP.	Actually due to delay in establishing of cement plant no bench formation and excavation work in the mine is carried out.	Nil.
3m	Total area covered under excavation/pits	In first year proposed to cover under excavation/pits-2.74hect.	Covered under excavation/pits-0hect.	Due to delay in cement plant erection.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.01.	Nil.	Due to delay in cement plant erection.
3o	Total area put in use under different heads at the end of year	Under excavation/pits-2.74hect.Green belt-2.00hect.	Under excavation/pits-0hect. Green belt-0, building-0.17hect.	Nil.
3p	Production of ROM mineral during the last five year period as applicable	During first year i.e. (2015-16)-19.81 million tonns	Nil	Due to delay in cement plant erection.

3q	General remarks of inspecting officers on method of mining etc.	No proposal	Actually production and development is not started.	Due to delay in cement plant erection.
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## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of OB is proposed.	Actually no topsoil& OB is generated.	Due to delay in cement plant erection.
4b	Location of topsoil, OB and mineral reject dumps	Separate dumping of OB is proposed.The topsoil is to be simultaneously used for plantation.	Acually no top soil& OB is generated.	Due to delay in cement plant erection.
4c	Number of dumps within lease area and outside of lease area	Waste dump between grid lineN2897060 to N2897230.No topsoil stacked.	Acually no top soil, waste & OB is generated.	No exccavation work.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps within lease area& no dumps outside lease area.	At present no dump created in the lease area.	Due to delay in cement plant erection.
4e	Number of active and alive dumps.	Proposal One active dump.	Actually no dump is created due to generation of Mining waste.	Nil.
4f	Number of dead dumps.	No such proposal.	There is no dead dump.	Nil.
4g	Number of dumps established.	No such proposal for the year2015-16.	No dump established.	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there.	The construction retaining wall &garland drain is proposed.	Actually no dump is create as no excavation ic carried out.	Nil.
4i	Length of Retaining wall or garland drain all along dumps	The length retaining wall or garlanf drain is no speified.	Actually no dump is create as no excavation ic carried out.	Nil.

4j	Number of settling ponds	No such proposal.	Not applicable.	Nil.
4k	Specific comments of inspecting officer on waste dump management	No such proposal.	Actual all no waste dump management is started as there is no excavation waste dump created in the lease area.	Due to delay in cement plant erection.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No extraction of mineral is started and no proposal of back filling during 2015-16.	Not applicable.	Nil.
5b	Area under backfilling of mined out area	No such proposal.	Not applicable.	Nil.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The simultaneously use of topsoil for plantation is proposed.	No topsoil is generated as no excavation is carried out.	Nil.
5d	Total area fully reclaimed and rehabilitated	No such proposal.	Not applicable.	Nil.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No such proposal.	No part of worked out pit mature for backfilling.	Nil.

#### Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No such proposal.	The annual report on PMCP for the year 2015-16 was not submitted.	Violation of Rule 23E(2) is pointed out.
6b	Area available for rehabilitation (ha) .	No such proposal for the year 2015-16.	Not applicable.	Nil.

6c	afforestation done (ha).	2.0hect.	Actualy 0.50hect area covered under afforestation. The targated area for the year 2015-16 is not covered.	Nil.
6d	No. of saplings planted during the year	Total 3000 saplings.	Nil.	Nil.Violation of rule 13(1) is pointed.
6e	Cumulative no .of plants	Total 3000 saplings.	Total 1000 saplings.	Nil.
6f	Any other method of rehabilitation	No proposal.	Not applicable.	Nil.
6g	Cost incurred on watch and care during the year	Rs.600000/- for the first year	NIL.	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Not applicable.Actually no void is mature for backfilling.	Nil.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Not applicable.Actually no void is mature for backfilling.	Nil.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	No backfilled area available at present.	Nil.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Not applicable.	Nil.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Not applicable.	Nil.



6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Not applicable.	Nil.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Not applicable.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Not applicable.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitorin of air & water is proposed.	Quarterly monitorin of air & water is done.	Nil.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	Since no excavation and development work has been done no land,air,noise and water pollution is oberved.	Nil.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	For first year (2015-16 ) 1981538million s.	Nil	Cement plant not errected.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical.	At present no sorting is carried out.	Nil.
7c	Different grade of mineral sorted out at mines.	No proposal.	At present no sorting is carried at mines.	Nil.
7d	Any beneficiation process at mines	No proposal.	Not applicable.	Nil.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Actually no production and development activity is carried due to not commencement of cement plant.	Nil.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The separate scraping and utilization of top soil for plantation is proposed.	At present no topsoil removed.Excavation is yet to be carried out.	Nil.
8b	Concurrent use or storage of topsoil	The separate scraping and utilization of top soil for plantation is proposed.	Actually no top soil removed or stored.	Nil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	The waste generated is proposed to be dumped separately.	Actually no overburden/waste is removed& dumped.	Nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Actually no overburden/waste is removed& dumped.	Nil.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for 2015-16.	Not applicable.	Nil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal for 2015-16.	In addition to the saplings planted the locally grown vegetation exist in the lease area.	Nil.

8g	Survival rate	No proposal.	About 75% reported by the representative.	Nil.
8h	Water sprinkling on roads to control airborne dust	No proposal.	No airborne dust as no dumpers are plying in the mine.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No such proposal.	Since no development and production in the lease area. The aesthetic beauty in and around mine is very good.	Nil.

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#### Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Online monthly return for the month of August, 2016 and online annual return for the year 2015-16 has been submitted.	Online monthly return for the month of August, 2016 and online annual return for the year 2015-16 has been submitted.	Nil.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The details for appointment of ME, Geologist and Manager furnished.	The details for appointment of ME, Geologist and Manager furnished.	Nil.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information on land use for area under pit, reclaimed area, dumps attended.	Actually no area is covered under pits, dumps and reclaimed.	Nil.
9d	Scrutiny of Annual return on afforestation	Information on afforestation is filled.	Information on afforestation is filled.	Nil.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	The details on mineral rejects attended.	There is no mineral rejects generation presently.	Nil.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The details on ROM stock attended.	There is no ROM generation presently.	Nil.

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The details onsale vaue,Ex mine price and production attended.	The details onsale vaue,Ex mine price and production attended.	Nil.
9h	Scrutiny of Annual return on fixed assets	The details on fixed assets attended.	The details on fixed assets attended.	Nil.
9k	Scrutiny of Annual return on mining machineries	The details on mining machneries attended.	The details on mining machneries attended.	Nil.

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 13(1)	19-OCT-16				
Rule 23E(2)	19-OCT-16				

**Date :**

(N L ROAT)

Indian Bureau of Mines