MCDR INSPECTION REPORT

1.0 **GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Babarkot Limestone Mine, Survey No-Various
1(b)	Name of Inspecting Officer & Designation	Sanjay M. Girhe, Sr. Mining Geologist
1(c)	Accompanying Mines Representatives	Sh. Hemant Dhanorkar, Geologist, Mines Surveyor
1(d)	Type of Inspection	Modified Mining Plan
1(e)	Date of Inspection	31.07.2018
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	49.8454 Ha. (No forest land involved in mining lease area)
3	Mine code	NA (Mine yet to be opened)
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/441/2011
5	Name of the lessee, Address, phone, email and fax number	UltraTech Cement Limited, Village – Babarkot, Taluka – Jafarabad, Dist. – Amreli 365540, Mobile – 9887450099 Fax no. +91 2794 - 245357
6	Village	Babarkot
7	Taluka/Mandal	Jafarabad
8	District	Amreli
9	Pincode	365540
10	State	Gujarat
11	Post office	Jafarabad
12	Nearest police station	Jafarabad
13	Nearest Railway station	Rajula
14	Date of Grant of Mining Lease	08.01.2017
15	Date of Execution	11.01.2017 (Valid up to 10.01.2067 i.e. 50 years) as per the provision of MMDR Amendment Act,2015
16	Date of opening of Mine	Environment Clearance yet to be obtained
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	Nominated Owner – Mr. Omprakash Puranmalka, Aditya Birla Centre, S. K. Ahire Marg Worli, Mumbai – 400030 Telephone - 022-66917421 Email- ajit.ostwal@adityabirla.com Date of Appointment – 28.05.2015
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Non appointed as mine yet to be opened, Awaiting for EC
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Non appointed as mine yet to be opened, Awaiting for EC
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Opening notice yet to be submitted, Awaiting for EC
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Opening notice yet to be submitted, Awaiting for EC
25	Date of Approval of Mining Plan / Modified Mining Plan with five-year period and specific condition in approval	Approval date of Modified Mining Plan 06.09.2018

	letter, if any.	
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

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. – **Exploration**

	or action			
SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
1a	Backlog of previous year	NA	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	Proposed exploration 14 bore holes	Actual exploration – 25 bore holes	Proposed 28 bore holes in FY 2017-18 and 2018-19
1c	Exploration Agency & Expenditure in lakh Rupees during the year	GIMC (Geo Info Mining Consultancy) Ahmedabad Expenditure – 12.50 Lak		
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA (Total Lease area explored on G1)		
1e	Balance reserves as on 01.04.2018	Reserves (111) -: 121&122 -: Resources 211 -: 221/222 -:	1.06 Nil	-: 19.59
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration is carried out as per the MEMC Rules,2015 provisions during the year 2017-18.		

2.0 Development

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	58 E to 142 E and 390N to 486N (4167 tonne sand)	Nil	Environment clearance yet to be obtained
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches in top soil & OB proposed	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.14	Nil	
2d	Quantity of topsoil generation in m3	Not Proposed	NIL	Awaiting for Environment clearance
2e	Quantity of overburden generation in m3	4167 CuM	NIL	Awaiting for Environment clearance
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Environmental Clearance yet to be obtained due to this proposed mining operation not initiated.		

3.0 Exploitation

2.0 2	V 231 P10100000				
SN	Item	Proposals	Actual work	Remarks	
		(2017-18)	(2017-18)		
3a	Number of pits proposed for	01	Nil	Environment	
	production			clearance yet to be	

3b	Quantity of ROM mineral production proposed	30000	Nil	obtained to start mining activities
3c	Recovery of saleable/ usable mineral from ROM production	Captive	NIL	Environment
3d	Quantity of mineral reject generation	NIL, (no reject generation proposed per approved MP)	NIL	clearance yet to be obtained to start
3e	Grade of mineral reject generation and threshold value declared	NIL, (no reject generation proposed per approved MP)	NIL	mining activities
3f	Quantity of sub-grade mineral generation	NIL, (no sub-grade as per approved MP)	NIL	
3g	Grade of sub-grade mineral generation	Not Applicable	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	Proposed (Hole dia-110mm), Spacing-3.0-3.5M Burden-3.0-3.5M	NIL	
3k	Provision of mining machineries in mineral benches	Proposed (Surface Miner, Excavator-864 cum/shit L&T Poclain-1555 tonnes	NIL	
31	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes (6.0Mts in mineral)	NIL	
3m	Total area covered under excavation/pits	1.5 Ha. (6.055 ha. for four years)	NIL	
3n	Ore to OB ratio for the pit/mine during the year	1:0.14	NIL	Previous MP was approved on 31.05.17
30	Total area put in use under different heads at the end of year	Pit- 1.5 Ha. Waste/reject - Nil Others-	NIL	for the period 2016- 17 to 2020-21 where 2016-17 was lapsed
3p	Production of ROM mineral during last five-year period, as applicable	Yr- 2017-18 30,000 Yr- Yr-	Yr- 2017-18 NIL	year year
3q	General remarks of inspecting officer on method of mining etc.	Environment clearance not obt been initiated.	ained so far hence	e no mining works has

4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
		(2017-18)	(2017-18)	
4a	Separate dumping of topsoil, OB &	Separate dumping for	NIL	
	mineral reject (Rule 32, 33)	OB proposed		
4b	Location of topsoil, OB & mineral	Proposed	NIL	Environment clearance
	reject dumps			yet to be obtained to
4c	Number of dumps within lease area	No dumps of	NIL	start mining activities
	and outside lease area	waste/OB reject exists		
		within the ML area as		
		the area is fresh grant		
4d	Location of dumps w.r.t. ultimate pit	No dumps of	NIL	
	limit (Rule 16)	waste/OB reject exists		
		within the ML area as		
		the area is fresh grant		
4e	Number of active & alive dumps	No dumps of	NIL	
		waste/OB reject exists		
		within the ML area as		
		the area is fresh grant		
4f	Number of dead dumps	No dead dumps of	NIL	
		waste/OB reject exists		

		within the ML area as		
		the area is fresh grant		
4g	Number of dumps stablished	Nil	NIL	
4h	Whether Retaining wall or garland	Not Proposed	NIL	
	drain all along dumps are there	_		
4i	Length of Retaining wall or garland	Not Proposed	NIL	
	drain all along dump	•		
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting	Environment clearance	not obtained so far hence	e no mining works has
	officer	been initiated.		-

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Applicable	NIL	Environment clearance
5b	Area under backfilling of mined out area	Nil	NIL	yet to be obtained to start mining activities
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Proposed	Concurrent use of top soil is proposed for plantation	
5d	Total area fully reclaimed & rehabilitated	Nil	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Environment clearance been initiated.	not obtained so far hen	ce no mining works has

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
6a 6b	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. Management of worked/mined out	Annual return to be submitted within prescribed time limit	Not submitted	
	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) 0 ii) 0.5 iii) 500 iv) 0 v) 0 vi) 2.5 Lakh (proposed expenditure for current year for plant)	Nil Nil Nil	Environment clearance yet to be obtained to start mining activities
6c 6d	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 Compliance of Rehabilitation of waste	Not Proposed Not Proposed	Nil Nil	
	land within lease i) Afforestation			

	ii) Area rehabilitated (ha) iii) Methof of rehabilitation			
6e	Compliance of Environmental	Fortnightly monitoring done in core zone and quarterly monitoring		
	monitoring (core zone & buffer zone)	done in buffer zone		
6f	General remarks of inspecting officer	Environment clearance not obtained so far hence no mining works has		
	on PMCP compliance & progressive	been initiated till the inspection date.		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
		(2017-18)	(2017-18)	
7a	ROM Mineral dispatch or grade-wise	30000	Nil	
	sorting within lease area			Environment
7b	Method of grade-wise mineral sorting	Not Proposed	Nil	clearance yet to be
	i.e. manual or mechanical			obtained to start
7c	Different grade of mineral sorted out	Not Proposed	Nil	mining activities
	at mines			
7d	Any beneficiation process at mines	No	NIL	
7e	General remarks of inspecting officer	Environment clearance	not obtained so far hence	e no mining works has
	on Mineral conservation &	been initiated till the ins	spection date.	
	beneficiation issues			

8.0 Environment

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Propose	Nil	No top soil encountered in ML
8b	Concurrent use or storage of topsoil	Not Propose	Nil	area
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Dumping proposed neat to ML pillars nos 124 to 127	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Use of OB proposed for restoration purpose.	NIL	Environment clearance yet to be obtained to start mining activities
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed as this is fresh area	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	500 Plantation along to mine boundary (Eastern boundary)	NIL	
8g	Survival rate	60-70% in this region (data source nearby active mines)	NIL	
8h	Water sprinkling on roads to control airborne dust	Yes	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	No comments	,	·

9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
•	Status of submission of Monthly and Annual returns	This fresh area & mine not opened so far. Environmental clearance yet to be obtained		
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	Annual return not to be submitted (Mines has not opened EC yet to be obtained)	-NA-	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	do	-NA-	-
9d	Scrutiny of Annual return on afforestation	do	-NA-	Environment clearance yet to be obtained to
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	do	-NA-	start mining activities. Mine not opened so far for.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	do	-NA-	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	do	-NA-	
9i	Scrutiny of Annual return on fixed assets	do	-NA-	
9k	Scrutiny of Annual return on mining machineries	do	-NA-	1

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - This inspection was carried out in connection with examination of Modified Mining Plan. This is fresh area and Environment Clearance has not been granted so far therefore mining operation couldn't be started in the financial year 2017-18.
