

## INSPECTION REPORT

### 1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Adityana Chalk & Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 17.8063 Hect, Non-Forest land:
3	Mine code	38GUJ21091
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5984/2011
5	Name of the lessee, Address, phone, email and fax number	M/s P. Dattani & Co, Mahatma Gandhi road, Porbandar, Porbandar, Gujarat-360575 0286-2242949, 2241124 <a href="mailto:pdattanipbr@yahoo.co.in">pdattanipbr@yahoo.co.in</a> , <a href="mailto:pdattanipbr@yahoo.com">pdattanipbr@yahoo.com</a> , <a href="mailto:dimpbr@yahoo.com">dimpbr@yahoo.com</a>
6	Village	Adityana
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pincode	360575
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Porbandar
14	Date of Grant of Mining Lease	MCR/1563/7384/CHH dated 27.04.1965
15	Date of Execution	Execution of lease deed i.e. 16.08.1965 for mineral chalk for 20 year. The renewal period is effective from 7.07.2007 for 20 year for insertion of second mineral limestone.
16	Date of opening of Mine	1965
17	Date of first Renewal, if app.	10.04.1985
18	Date of second Renewal, if applicable and its period & expiry	19-03-2007, effective from 7.07.2007 for 20 year for insertion of second mineral limestone.
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 Yogi Vinodkumar Dattani & other partners are as below. Date of appointment-NA 01. Shri Vinodkumar Kanji Dattani 02. Shri Prafulkumar Kanji Dattani 03. Shri Mehul kumar Vrajlal Dattani 04. Shri Viraj Vinodkumar Dattani 05. Shri Harshit Prafulkumar Dattani
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Yogi Vinodkumar Dattani 0286-2242949, 2241124, <a href="mailto:pdattanipbr@yahoo.co.in">pdattanipbr@yahoo.co.in</a> , <a href="mailto:pdattanipbr@yahoo.com">pdattanipbr@yahoo.com</a> ,
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Date of Approval of mining Plan: (i) 682(23)(197)/2001-MCCM(N)/UDP, Dated-25.07.2002 & further insertion of limestone mineral. (ii) CGM/MC/321/4389, Dated-28.01.2013 for period 2012-13 to 2016-17.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	CGM/MC/321/4389, Dated- 28.01.2013 for period 2012-13 to 2016-17 proposal for limestone & chalk both minerals but approval is for chalk.
27	Mineral(s) granted in lease and proved for mining	Chalk & Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	B
30	Captive/Non Captive	Non-captive

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

SN	Item	Proposals (2016-17)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	--NIL--	Most of the lease area is exposed & worked out for chalk mineral & remaining lease area proposed for exploration in next RMP.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	--NIL--	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not proposed		
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	--	
1e	Balance reserves as on 01.04.2017	52425 Chalk & 379971T Limestone reserves as on 01.4.17 after depletion of ROM production.		
1f	General remarks of inspecting officer on geology, exploration etc.	---		

## **2.0 Development**

SN	Item	Proposals (2016-17)	Actual work	Remarks
2a	Location of development w.r.t. lease area	NO Proposed	Twelve small existing shallow pit of about 3.7Ha	The MP was approved no. Vide letter No CGM/MC/321/4389, Dated- 28.01.2013 for period 2012-13 to 2016-17 with proposal for chalk & limestone, but approval is done for chalk mineral only.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	-do-	Removing separately	
2c	Stripping ratio or ore to OB ratio	-do-	NIL	
2d	Quantity of topsoil generation in m3	NO Proposal	NIL	
2e	Quantity of overburden generation in m3	-do-	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Violation under provision of rules 11(1),45(5)(b)&45(5)(c) ,26(2)&33 pointed out for rectification.		

### 3.0 Exploitation

SN	Item	Proposals (2016-17)	Actual work	Remarks
3a	Number of pits proposed for production	--	Twelve small existing shallow pit of about 3.7Ha	The MP was approved no. Vide letter No CGM/MC/3 21/4389, Dated- 28.01.2013 for period 2012-13 to 2016-17 with proposal for chalk & limestone, but approval is done for chalk mineral only.
3b	Quantity of ROM mineral production proposed	5986 T (Chalk) 20203T (Lst)	2400T(Chalk) 10058T (Lst)	
3c	Recovery of salable/usable mineral from ROM production	Not proposed	NA	
3d	Quantity of mineral reject generation	2444T (Lst)	NIL	
3e	Grade of mineral reject generation and threshold value declared	-do-	Above threshold & below cutoff grade	
3f	Quantity of sub-grade mineral generation	-do-	NA	
3g	Grade of sub-grade mineral generation	-do-	NIL	
3h	Manual / Mechanized method adopted for segregating from ROM	-do-	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	-do-	NIL	
3j	Provision of drilling & blasting in mineral benches	-do-	NIL	
3k	Provision of mining machineries in mineral benches	-do-	NIL	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	No overburden Benches	--
3m	Total area covered under excavation/pits	-----	Twelve small existing shallow pit of about 3.7Ha	-
3n	Ore to OB ratio for the pit/mine during the year	Not proposed	NIL	-
3o	Total area put in use under different heads at the end of year	Not proposed	Area under mining- 3.7Ha,waste dump- 0.045ha,Road-0.62Ha, effluent plant-0.74Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2012-13-6921 (chalk) -34121T(Lst) 2013-14-6026 (chalk) -32745T(Lst) 2014-15-5951 (chalk) -21753T(Lst) 2015-16-6523 (chalk) 25784T(Lst) 2016-17-5986 (chalk) -20203T(Lst)	2012-13-1750 (chalk) -0T (Lst) 2013-14-2275 (chalk) -0T (Lst) 2014-15-0 (chalk) -0 (Lst) 2015-16-3100 (chalk) - 3060T(Lst) 2016-17-2400 (chalk) -10058T(Lst)	
3q	General remarks of inspecting officer on method of mining etc.	Violation under provision of rules 11(1),45(5)(b)&45(5)(c) ,26(2)&33 pointed out for rectification.		

### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2016-17)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)		Stacked separately & utilizing.	-
4b	Location of topsoil, OB & mineral			-

	reject dumps	No Proposal	The chalk is recovered separately by levigation method, simultaneously limestone as associated mineral.		
4c	Number of dumps within lease area and outside lease area	-do-		-	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			-	
4e	Number of active & alive dumps			-	
4f	Number of dead dumps			-	
4g	Number of dumps stabilised	-do-		-	
4h	Whether Retaining wall or garland drain all along dumps are there	-----		The settling pond is used for levigation of chalk minerals with max possible recovery.	-
4i	Length of Retaining wall or garland drain all along dump			-	
4j	Number of settling ponds		-		
4k	Specific comments of inspecting officer				

#### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals(2016-17)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	NIL	The mineral is fully extracted even after levigation process.
5b	Area under backfilling of mined out area		NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area		NIL	
5d	Total area fully reclaimed & rehabilitated		NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The intercalated unused material is again backfilled in the lease area for further recovery of chalk. Part of area reclaim but not declare.		

#### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2016-17)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2).	Not submitted.	Violation under provision of rules 26(2) pointed out.	The MP was approved no. Vide letter No CGM/MC/3 21/4389, Dated- 28.01.2013 for period 2012-13 to 2016-17 with
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	-do-	NA NA ---- 40 NA	

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	-do-	NA	proposal for chalk & limestone, but approval is done for chalk mineral only.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	-do-	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	-do-	Environmental monitoring is conducted periodical by authorized agency.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	----		

#### **7.0 Mineral Conservation**

SN	Item	Proposals (2016-17)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	NIL	The entire ROM of chalk & limestone is properly utilizing by levigation, size separation etc as per buyer specification.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	-do-	NIL	
7c	Different grade of mineral sorted out at mines	-do-	NIL	
7d	Any beneficiation process at mines	-do-	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Violation under provision of rules 11(1),45(5)(b)&45(5)(c),26(2)&33 pointed out for rectification.		

#### **8.0 Environment**

SN	Item	Proposals (2016-17)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved Review of mining plan for the year 2016-17.	NIL	Top soil is removing separately and utilizing for plantation purposed.
8b	Concurrent use or storage of topsoil	-do-	Top soil is used for plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	-do-	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	NIL	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-do-	Not applicable presently.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	-do-	NIL	
8g	Survival rate	--	40 Nos. (90%)	
8h	Water sprinkling on roads to control airborne dust	-do-	Water Sprinkling done on haul road	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Violation under provision of rules 11(1),45(5)(b)&45(5)(c),26(2)&33 pointed out for rectification.		

### 9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date – June-2017 A.R. submitted up to till date-2016-17.		<i>The lessee/party has not been submitted the monthly &amp; annual returns online under provision of rules 45 of MCDR,2017 to this office till date &amp; accordingly violation pointed out under rules45(5)(b)&amp;45(5)(c),26(2)&amp; 33 pointed out for rectification.</i>
S. N.	Item	Annual return as per provision of rule 45 of MCDR 2017 for the year 2016-17 has not been submitted to IBM	Observation of I/Officer /Actual reported in Returns	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager			
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		--	
9d	Scrutiny of Annual return on afforestation		--	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Not applicable	--	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		--	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost		--	
9i	Scrutiny of Annual return on fixed assets		--	
9k	Scrutiny of Annual return on mining machineries		----	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -The MP was approved no. Vide letter No CGM/MC/321/4389, Dated-28.01.2013 for period 2012-13 to 2016-17 with proposal for chalk & limestone, but approval is done for chalk mineral only. Violation under provision of rules 11(1), 45(5) (b) & 45(5)(c) 26(2)& 33 pointed out for rectification.