

## Regional office: Gandhinagar

GUJ/Kheda/ BXT-10

### INSPECTION REPORT

Inspecting officer: Dr. N K Mathur, AMG, Gandhinagar  
Inspection date: 04.07.2017, Type of Inspection: Mining plan

#### 1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Dakor
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.8258, Forest area: Nil, Non forest : 4.8258, S. No. 1047,1048, 1049P & 1050P
3	Mine code	07GUJ09007
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9072/2012
5	Name of the lessee, Address, phone, email and fax number	Late Smt. Pushpaben Hiralal Joshi Legal heir Sh. Janak Kumar Kantilal Sadhu, R/o-2531, Alkapuri society, Opp. Pranami temple, Post-Dakor-388225
6	Village	Dakor
7	Taluka/Mandal	Thasra
8	District	Kheda
9	Pincode	388225
10	State	Gujarat
11	Post office	Dakor
12	Nearest police station	Dakor
13	Nearest Railway station	Dakor
14	Date of Grant of Mining Lease	07.04.1980
15	Date of Execution	06.10.1980
16	Date of opening of Mine	10.12.1981
17	Date of first Renewal, if applicable and its period & expiry	
18	Date of second Renewal, if applicable and its period & expiry	N A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	27.04.2017
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not applicable
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not applicable
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not applicable

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23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval 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.	16.08.2017, from 2017-18 to 2021-2022
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Semi mechanised
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			
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	About 80% of lease area	Previous 5 year no scheme is submitted. So information is available.
1c	Exploration Agency & Expenditure in lakh Rupees during the year		Mine owner. Expenditure in cured is not available	
1d	Balance area to be explored to bring Geological axis in 1 or 2		20 % of lease area.	

1e	Balance reserves as on 01.04.2017		392806 tonne	
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	-	-	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	-	-	No work is done. Reason is not known.
2c	Stripping ratio or ore to OB ratio	-	-	
2d	Quantity of topsoil generation in m3	-	-	
2e	Quantity of overburden generation in m3	-	-	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining has not done. Two old pit whose dimensions are: 883 sq.m x 4.15m and 1034 sq.m x 4.78m.		

### **3.0 Exploitation**

SN	Item	Proposals (2016-17)	Actual work	Remarks
3a	Number of pits proposed for production	No proposal.	-	No work is done. Reason is not known.
3b	Quantity of ROM mineral production proposed		-	
3c	Recovery of salable/usable mineral from ROM production		-	
3d	Quantity of mineral reject generation		-	
3e	Grade of mineral reject generation and threshold value declared		-	
3f	Quantity of sub-grade mineral generation		-	
3g	Grade of sub-grade mineral generation		-	
3h	Manual / Mechanised method adopted for segregating from ROM		-	
3i	Any analysis or beneficiation study		-	

	proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches		-	
3k	Provision of mining machineries in mineral benches		-	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		-	
3m	Total area covered under excavation/pits		-	
3n	Ore to OB ratio for the pit/mine during the year		-	
3o	Total area put in use under different heads at the end of year	Pit-Waste/reject Others-		
3p	Production of ROM mineral during last five-year period, as applicable	Yr-No proposal Yr- Yr- Yr- Yr		
3q	General remarks of inspecting officer on method of mining etc.	No work is done.		

#### **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)	No information	-	No work is done. Reason is not known.
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
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			
4h	Whether Retaining wall or garland drain all along			

	dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	Previously no mining work has done.		

### **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	Proposal started from 2017-18.	-	No work is done. Reason is not known.
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Previously no mining work has done.		

### **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). Details should be given in the format as given in Annexure-20.	Previously no mining work has done.	-	No work is done. Reason is not known.
	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			

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			
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6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Previously no mining work has done.	In previous years mining is not done.	No work is done. Reason is not known.
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mining work is to be started after approval of Review of mining plan.		

## **7.0 Mineral Conservation**

SN	Item	Proposals (2016-17)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	-		
7b	Method of grade-wise mineral sorting i.e. manual or mechanical			
7c	Different grade of mineral sorted out at mines			
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Previously no mining work has done.		

## **8.0 Environment**

SN	Item	Proposals (2016-17)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule	-		

	32)			
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, 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			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)			
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust			
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Previously no mining work has done.		

### 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 - A.R. submitted up to till date-	

S. N.	Item	Details Given in A.R.(2015-16 &2016-17)	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Online Monthly & annual returns is not submitted	
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)			
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:-Violation letter issued to mine owner vide letter no. GUJ/Kheda/BXT-10 dt. 28.08.2017 for violation of rules 26(2), 33, 45(5) (b) & (c) of MCDR 2017.

Place Gandhinagarr  
Date 12-09-2017

Name: Dr N. K. Mathur  
Designation: AMG

Signature