

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

**MCDR INSPECTION REPORT**

**Gandhinagar regional office**

**Mine file No :** GUJ/KUTCH/LST-7

**Mine code :** 38GUJ10005

- (i) Name of the Inspecting : **T001** ) **K. K. TARDIA**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : SHRI PAPU KUMAR, AGENT  
Official with  
Designation
- (iv) Date of Inspection : 13/07/2017
- (v) Prev.inspection date : 10/08/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **JADUA**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : GUJARAT  
District : KUTCH  
Village : JADUA  
Taluka : LAKHPAT  
Post office : BERMOTI  
Pin Code : 370655  
FAX No. : 02831-274123, 274106,27411  
E-mail : info@sanghicement.com  
Phone : 02831-274132,274131,274135
- (f) Police Station : VYOR
- (g) First opening date : 10/05/1999
- (h) Weekly day of rest : SUN
2. Address for : SANGHI INDUSTRIES LTD  
correspondance POST - SANGHIPURAM, TALUKA - ABDASA  
DISTRICT - KUTCH (GUJRAT) 370571
3. (a) Lease Number : GUJ1128  
(b) Lease area : 10.89  
(c) Period of lease : 20  
(d) Date of Expiry : 16/08/2022
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : SANGHI INDUSTRIES LTD  
 SANGHI INDUSTRIES LTD POST  
 - MOTIBER, TALUKA - ABDASA  
 DISTRICT - KUTCH KUTCH  
 GUJARAT  
 Phone:  
 FAX :

Owner : RAVI SANGHI  
 SANGHI INDUSTRIES LTD. PO -  
 MOTIBER, TEHSHIL - ABDASA  
 KUTCH GUJARAT  
 Phone: 02831-274131-36  
 FAX : 02831-274106, 2

Agent : PAPPU KUMAR  
 SANGHI INDUSTRIES LTD. PO -  
 SANGHIPURAM KUTCH GUJARAT  
 Phone: (02831)274115  
 FAX : (02831)274106

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	31/01/2003
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	14/09/2006
	:	Modif.of approved Mining Plan	20/09/2011
	:	Mining Scheme rule 12 MCDR1988	19/12/2013

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	20 holes, 600 Meter	20 holes, 445.5 Meter	Almost as per proposal
1c	Exploration Agencies and Expenditure in lakh rupees during the year	In house, 6 lakhs	In house, 4.45 lakhs	Almost as per proposal
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	NIL
1e	Balance reserve as on 01/04/20	822.98 Million Tonne.	822.98 Million Tonne.	As per proposal

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit no.1, 2&3	Pit no.1, 2&3	As per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not given	Not applicable	Mining to be carried out by Surface Miner
2c	Stripping ratio or ore to OB ratio	Not given	Not applicable	Not applicable
2d	Quantity of topsoil generation in m3	No proposal	Not applicable	Mining to be carried out by Surface Miner
2e	Quantity of overburden generation in m3	No proposal	Not applicable	Mining to be carried out by Surface Miner
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Mining to be carried out by Surface Miner	Mining has been carried out by Surface Miner as per type of deposit .	ining has been carried out by Surface Miner as per type of deposit .

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	3	3	As per proposal
3b	Quantity of ROM mineral production proposed	5.0 MTPA	3.28 Million Ton	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	Captive consumption
3d	Quantity of mineral reject generation	Nil	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Not applicable	Not applicable	Not applicable
3k	Provision of mining machineries in mineral benches	Mining by SM-Loader combination	Surface miner & Loader combination	As per proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Mining to be carried out by Surface Miner	Mining is carried out by Surface Miner	As per proposal

3m	Total area covered under excavation/pits	63.76 Hectre	21.7 Hectre	
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	NA
3o	Total area put in use under different heads at the end of year	Pit - 192.12 Waste / reject-0 Others Rd & Infra-31.00	Pit - 192.12 Waste / reject-0 Others Rd & Infra-31.00	As per proposal
3p	Production of ROM mineral during the last five year period as applicable	Yr-2012-13 5000000MT Yr-2013-14 5101986MT Yr-2014-15 5102608MT Yr-2015-16 5101932MT Yr-2016-17 5000000MT	Yr-2012-13 3314286MT Yr-2013-14 3109856MT Yr-2014-15 3010566MT Yr-2015-16 3340230MT Yr-2016-17 3282846MT	
3q	General remarks of inspecting officers on method of mining etc.	Not Proposed	Mining is carried out by Surface Miner	Mining is carried out by Surface Miner

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	Not applicable	Not applicable
4b	Location of topsoil, OB and mineral reject dumps	No proposal	Not applicable	Not applicable
4c	Number of dumps within lease area and outside of lease area	None	Not applicable	Not applicable
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable	Not applicable	Not applicable
4e	Number of active and alive dumps.	Not applicable	Not applicable	Not applicable
4f	Number of dead dumps.	Not applicable	Not applicable	Not applicable

4g	Number of dumps established.	Not applicable	Not applicable	Not applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	Not applicable	Not applicable	Not applicable
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Not applicable	Not applicable
4j	Number of settling ponds	Not applicable	Not applicable	Not applicable
4k	Specific comments of inspecting officer on waste dump management	Not applicable	Not applicable	waste is not generated.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No backfilling of the excavated area is envisaged	No pit has reached ultimate pit position	No pit has reached ultimate pit position
5b	Area under backfilling of mined out area	No proposal	Not applicable	Not applicable
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No top soil exist in the lease area	Not applicable	Not applicable
5d	Total area fully reclaimed and rehabilitated	Not applicable	Not applicable	Not applicable
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Not applicable	backfilling, reclamation is not proposed.	backfilling, reclamation is not proposed.

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted .	Not submitted.	Violation pointed out.
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	Not applicable
6c	afforestation done (ha).	2.00 Ha	2.00 Ha	As per proposal
6d	No. of saplings planted during the year	1000	10438	na
6e	Cumulative no .of plants	around 1lac	more than 1lac.	satisfactory.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	5 Million Ton	3.28 Million Ton	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Required	Not Required	Whatever mineral is raised is consumed.
7c	Different grade of mineral sorted out at mines.	Not applicable	Not applicable	Not applicable
7d	Any beneficiation process at mines	Not applicable	Not applicable	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Not applicable	Whatever mineral is raised is consumed.	Whatever mineral is raised is consumed.

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No generation	No generation
8b	Concurrent use or storage of topsoil	NA	NA	NA
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	NA
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	NA
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	1000 SAPLING	10438	
8g	Survival rate	70%	33%	
8h	Water sprinkling on roads to control airborne dust	Water tanker engagement	24 KL capacity water tanker engaged	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Entire lease hold area is devoid of any vegetation except at certain place Desi Babul. No forest in the core zone	Plantation is carried out along road side (waste land). Only Local species are being planted	Plantation is carried out along road side (waste land). Only Local species are being planted

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to -June 2017 A.R. submitted upto- 2016-17	M.R. Submitted up to - June 2017 A.R. submitted upto- 2016-17	submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Graduate Mining Engineer -05 Diploma Mining Engineer-05 Geologist - 1 surveyor 1 other admin technical staff 4 Manager -1	Graduate Mining Engineer -05 Diploma Mining Engineer-05 Geologist - 1 surveyor 1 other admin technical staff 4	same as given in return
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit - 192.12 Waste / reject-0 Others Rd & Infra-31.00	Pit - 192.12 Waste / reject-0 Others Rd & Infra-31.00	same
9d	Scrutiny of Annual return on afforestation		No of trees planted: 10538 with survival rate of 33%	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	yes	same	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	given	same	
9h	Scrutiny of Annual return on fixed assets	given	same	
9k	Scrutiny of Annual return on mining machineries	given	same	

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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

**Date :**

**(K. K. TARDIA)**

Indian Bureau of Mines