

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/NGR-20/LST-6

Mine code : 38RAJ20007

- (i) Name of the Inspecting : **T001**) **Tardia K.K.**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri bBajarang Lal, DGM (Mines)
Official with
Designation
- (iv) Date of Inspection : 24-DEC-16
- (v) Prev.inspection date : 30-NOV-15

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHANAPPA (400 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : RAJASTHAN
District : NAGAUR
Village : DHANAPPA
Taluka : MERTA CITY
Post office : GOTAN
Pin Code : 342902
FAX No. : 01591-230206
E-mail : factory@jk-white.com
Phone : 01591-230376
- (f) Police Station : Gotan
- (g) First opening date : 08-APR-74
- (h) Weekly day of rest : SUN
2. Address for : M/S J.K.WHITE CEMENT WORKS
correspondance : NAGAUR
3. (a) Lease Number : RAJ0115
(b) Lease area : 400
(c) Period of lease : 50
(d) Date of Expiry : 07-APR-44
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : J K WHITE CEMENT WORKS
 J K WHITE CEMENT WORKS
 POST-GOTAN NAGAU NAGAU
 RAJASTHAN
 Phone:
 FAX :

Owner : J.K. WHITE CEMENT WORKS
 NAGAU RAJASTHAN
 Phone:
 FAX :

Agent : Mr. B.K.P.Gupta
 M/S J.K. WHITE CEMENT WORKS
 NAGAU NAGAU RAJASTHAN
 Phone: 01591-230376
 FAX : 01591-230206

Mining Engineer

Name : CHETAN SHARMA, Full Time
 Qualification : BE(MINING)
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	22-JUN-93
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	25-JUL-00
		Mining Scheme rule 12 MCDR1988	28-MAR-05
		Mining Scheme rule 12 MCDR1988	31-MAY-10
		Renewal under rule 24 MCR1960	20-MAY-14

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	Nil	Nil	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	Nil
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	20132239 Ton	20130280 Ton, up to 31.03.2016	nil
1f	General remarks of inspecting officers on geology, exploration etc	Exploration as per proposal.	Exploration as per proposal.	Exploration as per proposal.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	3A 10450N-10200N to 10250E-10300E 10650N-10300E-10250E 10550N to 10300E-10250E 10300E-10250E 10200E-10300E 10350N-11000N-10800N to 10200N to 9900E-10050E 10200E-10300E 10700N-10550N to 11000N-10300E-10400E 10800N to 10700N-10600N to 9900E-10050E 10300E-10400E 10700N-10700N-10550N to 10550N to 10300E-10400E 10300E-10400E 9950N-9800N 10700N-10600N 10400E-10500E to to 10300E-9600N-9500N 10400E 2B&1C 9200N-9000N to 2A 9900N-10300E-10500E 9400N to 9000N-10550E-10450E 8550N to 10400E-10500E 9000N-10300E-10400E 8700N to 10300E-10400E to 9950N-9800N 10400E-10500E to 9600N-9500N 2B&1C 9200N-9000N to 10300E-10500E 9000N-8550N to 10400E-10500E 9000N-8700N to 10300E-10400E	3A 10450N-10200N to 10250E-10300E 10650N-10550N to 10300E-10250E 10350N-10200N to 10200E-10300E 11000N-10800N to 9900E-10050E 10700N-10550N to 10300E-10400E 10700N-10600N to 10300E-10400E 2A 9900N-10550E-10450E to 10300E-10400E to 9950N-9800N 10400E-10500E to 9600N-9500N 2B&1C 9200N-9000N to 10300E-10500E 9000N-8550N to 10400E-10500E 9000N-8700N to 10300E-10400E	as per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes	yes	separate benches in OB and mineral have been formed but sufficient advancement has not been kept between interburden and mineral benches.
2c	Stripping ratio or ore to OB ratio	1.5	1.4	almost as per proposal
2d	Quantity of topsoil generation in m3	90000M3	75000M3	

2e	Quantity of overburden generation in m3	131468 M3	142200M3	almost as per proposal.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	almost as per proposal	almost as per proposal	almost as per proposal

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
Solid Waste Management - Dumping:				

Sl.No.	Item	Propasals	Actual work	Remarks
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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.	Full extraction before backfilling	Full extraction before backfilling	as per proposal
5b	Area under backfilling of mined out area	22.1667	22.15 hect	as per proposal
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The top soil will be simultaneously utilized on the backfilled area before the plantation will be done.The excess topsoil generated will be stacked near the pits over the old backfilled areas.	The top soil is being simultaneously utilized on the backfilled area for plantation purpose.	as per proposal

5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		as per proposal	as per proposal

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Yes	Yes
6b	Area available for rehabilitation (ha) .	0	0	
6c	afforestation done (ha).	4	4	
6d	No. of saplings planted during the year	4000	4040	asx per proposal
6e	Cumulative no .of plants	28115	30440 0	
6f	Any other method of rehabilitation	nil	nil	na
6g	Cost incurred on watch and care during the year	0	304400	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	2.99 ha	3.697 ha	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	0	0	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	0	0	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	nil	nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	0	0	0
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0	0	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	nil	nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Three times in a year	Monthly	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	nil	419967.48 ton	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	

7c	Different grade of mineral sorted out at mines.	Limestone for White cement grade &	Limestone for White cement grade & Usable Grade	Other
		Other Usable Grade		
7d	Any beneficiation process at mines .	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		all type of mineral is being used.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil would be removed separately.	Top Soil removed separately and used concurrently on backfilled area	as per proposal
8b	Concurrent use or storage of topsoil	Partly stacked and partly cocurrent use.	Cocurrent use.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of waste	Separate dumping of waste	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Use of Overburden for backfilling.	Over burden is being used for backfilling the worked out area.	as per proposal

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Backfilling & Plantation of woked out pit, Plantation on waste dumps	Backfilling & Plantation on waste dumps	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Plantation will be done on waste dump	Plantation done on waste dump during 2015-16	as per proposal
8g	Survival rate	60-70%	70% for the year 2015-16	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	as given above	as per proposal	as per proposal

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes	all item in order	all item in order
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	given	given	given
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	given	All columns are in order.	All columns are in order.
9d	Scrutiny of Annual return on afforestation	1875	2285	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore		Closing stock of Limestone = 70024.52 Ton
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		353.71
9h	Scrutiny of Annual return on fixed assets		Rs 53854086
9k	Scrutiny of Annual return on mining machineries	As per approved Mining Plan	As per approved Mining Plan

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 :

(Tardia K.K.)

Indian Bureau of Mines