

## MCDR INSPECTION REPORT

### 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	<b>Ishwariya Limestone Mine, S.No-63/P</b>
1(b)	Name of Inspecting Officer & Designation	Sanjay M. Girhe, Sr. Mining Geologist
1(c)	Accompanying Mines Representatives	Shri. Haribhai Keshwala, General Power of Attorney holder & Sh. C.K.Chaudhary, QP
1(d)	Type of Inspection	Final Mine Closure Plan
1(e)	Date of Inspection	25.07.2018
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.2950 Ha. (Govt. Waste Land) Forest- Nil
3	Mine code	38GUJ21013
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/ 10208/2012
5	Name of the lessee, Address, phone, email and fax number	<b>Shri. Khimaji Bhai Ram Bhai Dedaniya</b> National High way Road, C/o, Ram Transport, Ranavav, Porbandar.
6	Village	Ranavav
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360560
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	14.07.97
15	Date of Execution	14.07.97
16	Date of opening of Mine	NA
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	<b>Shri. Khimaji Bhai Ram Bhai Dedaniya</b> National High way Road, C/o, Ram Transport, Ranavav, Porbandar.
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
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 55 & carrying out their duties as per rule 56 & 57.	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 :- 03.01.1996 Vide letter No. 682(23)( 566/95)-MCDR(U)/UDP
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Previous Scheme of Mining was approved vide letter No-682(23)(MS-188)/2003 MCCM(N)UDP dtd 11.06.2003

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)	Manual
30	Captive/Non Captive	Non-Captive

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

### **Exploration**

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.	NA	NA	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	
1e	Balance reserves as on 01.04.2018	NA	Nil	
1f	General remarks of inspecting officer on geology, exploration etc.	No prospecting & exploration has been done by the lessee. Mine was being operated for extraction of chemical grade limestone.		

### **2.0 Development**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
2a	Location of development w.r.t. lease area	No Proposals	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposals	Nil	
2c	Stripping ratio or ore to OB ratio	No Proposals	Nil	
2d	Quantity of topsoil generation in m3	No Proposals	Nil	
2e	Quantity of overburden generation in m3	No Proposals	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine fully reclaimed & rehabilitated & no reserves or resources have been reported in draft FMCP. Previous approved MP/SOM documents are also not available at regional office.		

### **3.0 Exploitation**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
3a	Number of pits proposed for production	No Proposals	Nil	
3b	Quantity of ROM mineral production proposed	No Proposals	Nil	
3c	Recovery of salable/usable mineral from ROM production	No Proposals	Nil	
3d	Quantity of mineral reject generation	No Proposals	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposals	Nil	
3f	Quantity of sub-grade mineral generation	No Proposals	Nil	
3g	Grade of sub-grade mineral generation	No Proposals	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposals	Nil	

3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposals	Nil	
3j	Provision of drilling & blasting in mineral benches	No Proposals	Nil	
3k	Provision of mining machineries in mineral benches	No Proposals	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposals	Nil	
3m	Total area covered under excavation/pits	No Proposals	Nil	
3n	Ore to OB ratio for the pit/mine during the year	No Proposals	Nil	
3o	Total area put in use under different heads at the end of year	No Proposals	Nil	
3p	Production of ROM mineral during last five-year period, as applicable	Not Available	Not Available	
3q	General remarks of inspecting officer on method of mining etc.	Mine fully reclaimed & rehabilitated. Previous approved MP/SOM documents are also not available at regional office.		

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	NA	NA	
4b	Location of topsoil, OB & mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside lease area	NA	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active & alive dumps	NA	NA	
4f	Number of dead dumps	NA	NA	
4g	Number of dumps stabilised	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	NA	NA	
4i	Length of Retaining wall or garland drain all along dump	NA	NA	
4j	Number of settling ponds	NA	NA	
4k	Specific comments of inspecting officer	Mine fully reclaimed & rehabilitated. Previous approved MP/SOM documents are also not available at regional office to furnish relevant information.		

#### **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	No Proposals	Full extraction of mineral & whole area was backfilled the	
5b	Area under backfilling of mined out area	No Proposals	Total ML area backfilled	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposals	NA	

5d	Total area fully reclaimed & rehabilitated	No Proposals	Total area fully reclaimed & rehabilitated	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No comments		

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

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Report has to be submitted within stipulated time.	Not submitted as mine is non-working since long time.	
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	Not Proposed	Mined out area is completely reclaimed & rehabilitated and being used for cultivation purpose.	
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	Not Proposed	Mined out area is completely reclaimed & rehabilitated and being used for cultivation purpose.	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Proposed	Mined out area is completely reclaimed & rehabilitated and being used for cultivation purpose.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Not Proposed	Mine is non-working since long time	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Mine fully reclaimed & rehabilitated. Previous approved MP/SOM documents are also not available at regional office.		

### **7.0 Mineral Conservation**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Proposed	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	NA	
7c	Different grade of mineral sorted out at mines	Not Proposed	NA	
7d	Any beneficiation process at mines	Not Proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil		

### **8.0 Environment**

SN	Item	Proposals (2017-18)	Actual work (2017-18)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposals		

8b	Concurrent use or storage of topsoil	No Proposals	Mine is fully reclaimed & rehabilitated. Mined out area is being used for cultivation purpose. Some plantation were also observed along periphery of ML
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposals	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No Proposals	
8g	Survival rate	No Proposals	
8h	Water sprinkling on roads to control airborne dust	No Proposals	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		

#### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	M.R. Submitted upto – Not submitted A.R. submitted upto- Not submitted	

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	NA	NA	Mine is fully reclaimed & rehabilitated. Mine is non-working since long time.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	
9d	Scrutiny of Annual return on afforestation	NA	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA	NA	
9i	Scrutiny of Annual return on fixed assets	NA	NA	
9k	Scrutiny of Annual return on mining machineries	NA	NA	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - The last inspection of mine was carried out on dtd 30.12.2013 and violations of rules 12(3), 23B(2), 42(1)(c)(ii), 45(5)(a) & 45(5)(b) were pointed out. Further, on office records basis violation of rule 27(1) was pointed out & violation letter was issued on 01.06.18 but due to non-compliance of this violation, mine suspended on 07.09.18. Current inspection was carried out in connection with examination of submitted draft Final Mine Closure Plan and during inspection no violations were pointed out as the mine was non-working since long time and mined out area was completely reclaimed & rehabilitated. Cultivation over this area was being carried out as observed.

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