

## MCDR INSPECTION REPORT

## 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Januda-Shantipura Limestone Mines (41Ha)
1(b)	Name of Inspecting officer	Sh. Naman Ekka, SMG
1(c)	Date of Inspection	07/12/2024, Modification of MP
1(d)	Accompanying officer	Sh. Vishal Zala, Mining Engg.
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area: 41Ha Survey Nos.: 25,26,31P& 78P,
3	Mine code	38GUJ08346
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9137/2012
5	Name of the lessee, Address, phone, email and fax number	M/s RJ Trivedi & Co. Opp.Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh, Gujarat-362255 <a href="mailto:shivam_mining@yahoo.com">shivam_mining@yahoo.com</a> , 9825130999
6	Village	Januda-Shantipura
7	Taluka/Mandal	Malia-hatina
8	District	Junagarh
9	Pin code	362 255
10	State	Gujarat
11	Post office	Malia-hatina
12	Nearest police station	Malia-hatina
13	Nearest Railway station	Malia-hatina
14	Date of Grant of Mining Lease	19.11.1977
15	Date of Execution	23.1.1978 (Expiry-22.1.2028 As per MMDR Act 1957,
16	Date of opening of Mine	1978-79
17	Date of first Renewal, if applicable and its period & expiry	22.1.1997
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	Shri Sarmanbhai Jadavbhai vala, M/s RJ Trivedi & Co. Opp. Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh,Gujarat-362255 <a href="mailto:shivam_mining@yahoo.com">shivam_mining@yahoo.com</a> ,9825130999
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	M/s RJ Trivedi & Co. Opp.Chorwad Station, Sherbaug,PO.-Gadu Taluka-Malia Hatina, Distt-Junagarh, Gujarat-362255 <a href="mailto:shivam_mining@yahoo.com">shivam_mining@yahoo.com</a> ,9825130999
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri. Ram Pareshkumar Govindbha
23	Name of the Mining Engineer, Qua. & Exp. with Address, phone, email, fax number and date of appointment	Shri. Vishal Zala,
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule carrying out their duties as per rule	Milind P.Kundal, MSc.(Applied Geology)
25	Date of Approval of MP/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter no 682(23)/652/2008 /MCCM /N/UDP Dated-31.3.2009, for 2009-10 to 2013-14
26	Date of Approval of RMP/Modified RMP with five-year period and specific condition in approval letter, if any.	Review of Mining Plan was approved vide letter 684(4)(1)/MP-171/ 2018 Dated-18.9.2018 for 2018-19 to 2022-23. FILE NO : MCDR-MPCP0CaFl/20/2022-GNR-IBM_RO_GNR MP-438 for 2023-24 to 2027-28
27	Mineral(s) granted in lease	Limestone
28	Method of Mining(Opencast,UG)	Opencast Mining
29	Category (FM, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

**1.0 Exploration**

SN	Item	Proposals (2023-24)	Actual Work	Remarks
1a	Backlog of previous year	No Proposal	No work carried out.	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	Area has been explored in G1.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	Area has been explored in G1. during 2017-18	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	Entire area has been explored.	
1e	Balance reserves (Million Tonnes) as on 01/01/2023	UNFC (111)- 4467100 Tons	As on 31.3.2024 - 3,744,375.00	
1f	General remarks of inspecting officer on geology, exploration etc.	The area has been explored in G1 category.		

**2.0 Development**

SN	Item	Proposals (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit Id 1,2,3	Pit Id - 2	
2b	Separate benches in topsoil, overburden and mineral.	No Proposal for top soil, OB, Proposal for Benches in Mineral Only.	Benches in Mineral was observed during inspection.	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	No Proposal	No topsoil Generated	
2e	Quantity of overburden generation in m3	No Proposal	No OB Generated	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development of pit was carried out as per approved MP		

**3.0 Exploitation**

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	03	01	Lagging in ROM Production due to rain
3b	Quantity of ROM production proposed	10,00,000.00 T	7,22,725.00 T	
3c	Recovery of salable/usable mineral from ROM production	100% ROM	100% recovery	
3d	Quantity of mineral reject generation	No Proposal	No work carried out.	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	No work carried out.	
3f	Quantity of sub-grade mineral generation	No Proposal	No work carried out.	
3g	Grade of sub-grade mineral generation	No Proposal	No work carried out.	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed & carried out	Not beneficiation study requires & proposed	Not done	
3j	Provision of drilling & blasting in mineral benches	No J/H Drilling & Blasting is proposed	No drilling & blasting	
3k	Provision of mining machineries in mineral benches	Yes,	Mining Machinery is being used at mineral benches.	
3l	Whether height of benches in OB & mineral suitable for method of mining	6 m Regular	5-6M-Irregular	
3m	Total area covered under excavation/pits	22.21 Ha.	Total - 22.21 Ha	
3n	Ore to OB ratio for the pit/mine	1:0	1:0	
3o	Total area put in use under different heads at the end of year	Total- 22.21 Ha, Infra &-Plantation- 0.98 Ha,etc		

3p	Production of ROM mineral during last five-year period, as applicable	2019-20- 350000T 2020-21-11,00,000T 2021-22-12,00,000T 2022-23 - 10,00,000 T 2023-24 – 10,00,000 T	2019-20-349900T 2020-21-3,48,460T 2021-22-2,59,000T 2022-23 – 741203 T 2023-24 – 7,22,725 T	Lagging in ROM in past due to lack of demand.
3q	General remarks of inspecting officer on method of mining etc.	Mining is done by using Surface Miner without conventional drilling & blasting. HEMM used.		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed	If any, using for plantation.	Topsoil generated was utilised for plantation purposes only.
4b	Location of topsoil, OB & mineral reject	Not proposed	NIL	
4c	Number of dumps within lease area and outside lease area	Lease area is devoid of OB & waste. Hence not proposed.	NIL, not generated.	
4d	Location of dumps w.r.t. UPL			
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/garland drain			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	No solid waste generated.		

#### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	No work carried out	No O/B is proposed & generated. Hence backfilling is not feasible.
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc..	There are no OB/Waste generation Hence no backfilling & reclamation carried out.		

#### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work	Remarks
6a	Whether AR on PMCP submitted on time & correctly Rule 26(2).	Proposed	Submitted with AR on 29/06/2024	
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	No such proposal for worked/mined out benches.	No work carried out	
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			
6d	Compliance of Rehabilitation of waste	1352m wire fencing	NIL	7.5m SBZ & mine

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	1687 m wire fencing 500 No Saplings	NIL 500Nos.	Not in the Proposed Location for year 2023-24. Violation of Rule 11(1)
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient Air, Water, Noise monitoring-	Regular monitoring has been carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Periodical environment monitoring is being carried out by regularly.		

### 7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within lease area	Grade-wise sorting within lease area done in Chemical Grade and Cement Grade	Entire ROM is utilised by sizing & sorting, blending as per buyers requirement.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mech./Manual	Mech./Manual	
7c	Different grade of mineral sorted out at mines	Chemical & Cement grade	Cement & Chemical grade	
7d	Any beneficiation process at mines	Not proposed & requires presently	Not done	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Entire ROM is utilized by proper sizing & sorting, blending as per buyer's requirement.		

### 8.0 Environment

SN	Item	Proposals (2023-24)	Actual work	Remarks
8a	Separate removal & utilization of topsoil	Not proposed	No work carried out	Topsoil is removing separately & utilizing for plantation purposes.
8b	Concurrent use or storage of topsoil	Not proposed	No work carried out	
8c	Separate dumps for overburden, waste rock, rejects and fines	Area is devoid of OB & Waste. No OB/Waste & mineral rejects proposed	NIL, since area is devoid of OB/waste & not generated.	
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	2000 Nos & 80%	2090 Nos & 80%	
8g	Survival rate	80 %	80 %	
8h	Water sprinkling on roads to control airborne dust	Proposal for suppress air borne dust	Water sprinkling done regularly	
8i	General remarks of inspecting officer on aesthetic beauty in & around mine	The aesthetic beauty of area is mine working pits & plantation done in 7.5m & mine office side.		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	AR Submitted on 29/06/2024 MR of Nov. Submitted on 10/12/2024; Dec:- 01/01/2025		Violation of Rule 45(5)(b)
S.N	Item	Details GIVEN in A.R.	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of AR for information on ME, Geologist and Manager	ME - Zala Vishal B Geologist - Milind Kundal	ME - Zala Vishal B Geologist - Milind Kundal (Not present during Inspection)	
9c	Scrutiny of AR on land use pattern for area under pits, reclaimed area, dumps	Already exploited and abandoned by opencast (O-C) mining – 22.210 Ha.	Already exploited and abandoned by opencast (O-C) mining – 22.210 Ha. Occupied by plant,	

		Occupied by plant, buildings, residential, welfare buildings and roads – 0.98 Ha.	buildings, residential, welfare buildings and roads – 0.98 Ha.	
9d	Scrutiny of AR on afforestation	Number of trees planted during the year – 500 Survival rate in percentage – 80 % Total no. of trees at the end of the year - 2090	Number of trees planted during the year – 500 Survival rate in percentage – 80 % Total no. of trees at the end of the year - 2090	
9e	Scrutiny of AR on mineral reject generation	NIL	NIL	
9f	Scrutiny of AR on ROM stock and/or graded ore	Opening stock – 0 Production - 722725.0 Closing stock - 722725.0	Opening stock – 0 Production - 722725.0 Closing stock - 0	Violation of Rule 45(7)
9g	Scrutiny of AR on sale value, Ex. Mine price/ & production cost	Chemical Grade Ex-mine price Rs. 375.00  Cement Grade Ex-mine price Rs. 269.00	Chemical Grade Ex-mine price Rs. 375.00  Cement Grade Ex-mine price Rs. 269.00	
9i	Scrutiny of AR on fixed assets	Value of Fixed Assets* (₹ 1855000)	Value of Fixed Assets* (₹ 1855000)	
9k	Scrutiny of Annual return on mining machineries	SURFACE MINER DUMPER DOZER WATER TANKER	SURFACE MINER DUMPER DOZER WATER TANKER	

10- Details of violations observed during current inspection : 11(1), Rule 45(5)(b), Rule 45(7)

Naman Ekka

SMG