

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. G Ram, Sr.ACOM
1(c)	Date of Inspection	20/7/2021, Star Rating
1(d)	Accompanying officer	Sh. Devayut Vala, lessee rep.
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 shivam_mining@yahoo.com , 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 shivam_mining@yahoo.com ,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 shivam_mining@yahoo.com ,9825130999
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Kushvah Ramveer Satish Chandra, II Class managers certificate-Shree Bai Society2,Bhalka, Bhalpar,A(part), Prabhas Patan,Girsomnath WEF-02.2.2021
23	Name of the Mining Engineer, Qua. & Exp. with Address, phone, email, fax number and date of appointment	Hitesh Solanki, BE (Mining) At-Kadwar, Taluka-Sutrapada, District-Gir-Somnath, Gujarat WEF-06.2.2019
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), Plot No.114B, Pulak City, Rau, Indore-452112-MP WEF-05.2.2019
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.
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 2020-21	Actual work	Remarks
1a	Backlog of previous year	No backlog of previous year.	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	06 Vertical Core borehole proposed.	06 vertical core borehole done & form –J submitted to this office.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not available	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Balance area has been proposed for plan period.		
1e	Balance reserves (Million Tonnes) as on 01.04.2021	UNFC (111,121&122)–5.7024 & 0.8244 Million Tonne as per approved RMP dated 04.10.2019		
1f	General remarks of inspecting officer on geology, exploration etc.	The part of lease area is still remaining for further exploration in lateral as well as depth wise & accordingly proposed in plan period.		

2.0 Development

SN	Item	Proposals 2020-21	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was Proposed to work as earmarked in plate no-4B	Deviated due to lagging ROM	Legging in ROM due to EC expansion
2b	Separate benches in topsoil, overburden and mineral.	Proposed benches in regular manner	Irregular benches	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	Not proposed	NIL	
2e	Quantity of overburden generation in m3	Not proposed	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Lease area is developed by 06 no of mine pits as per quality & grade requirement.		

3.0 Exploitation

SN	Item	Proposals 2020-21	Actual work	Remarks
3a	Number of pits proposed for production	Two pits	Two pits	Legging in ROM
3b	Quantity of ROM production proposed	11,00,000T	3,48,460T	
3c	Recovery of salable/usable mineral from ROM production	100% ROM	100% recovery (Entire ROM utilises)	
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	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	Excavator/Breaker Tipper, Surface Miner	As proposed	
3l	Whether height of benches in OB & mineral suitable for method of mining	5-6M-Regular	5-6M-Irregular	
3m	Total area covered under excavation/pits	2.65Ha in plan period	Total -18.51ha	
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-18.51Ha,Stack-.1Ha, Infra &-Plantation-1Ha,etc		
3p	Production of ROM mineral during last five-year period, as applicable	2017-18–349980T 2018-19- 350000T 2019-20- 350000T 2020-21-11,00,000T 2021-22-12,00,000T	2017-18–208631T 2018-19- 347535T 2019-20-349900T 2020-21-3,48,460T 2021-22-2,59,000T (Till)	Lagging in ROM in past due to lack of demand.
3q	General remarks of inspecting officer on method of mining etc.	Method by using Surface Miner without conventional drilling & blasting/HEMM used.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals 2020-21	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	NIL		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals 2020-21	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NIL	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 2020-21	Actual work	Remarks
6a	Whether AR on PMCP submitted on time & correctly Rule 26(2).	Proposed	Not submitted	VL under rule 26(2) pointed out.
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	Fencing- 1352m around worked out pits	Not done & reported	VL under rule 11(1) pointed 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 land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	1352m wire fencing 500 No Saplings	NIL 500Nos.	7.5m SBZ & mine office side.
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 2020-21	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	11,00,000T	3,48,460T	Entire ROM is utilised by sizing & sorting, blending as per buyers
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	requirement.
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 utilised by proper sizing & sorting, blending as per buyer's requirement.		

8.0 Environment

SN	Item	Proposals 2020-21	Actual work	Remarks
8a	Separate removal & utilization of topsoil	Not proposed	NIL	Topsoil is removing separately & utilising for plantation purposes.
8b	Concurrent use or storage of topsoil	Not proposed	Not generated.	
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	500Nos & 80%	500Nos & 80%	
8g	Survival rate			
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 & new mine office side.		

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 –Submitted with in time.A.R. Submitted up to till date-30.6.2021. (2020-21)		
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	As per Given in AR	Appointed ME & Geologist Appointed.	NIL
9c	Scrutiny of AR on land use pattern for area under pits, reclaimed area, dumps	As per Given in AR	*Scrutiny of return done & deficiencies pointed out for rectification.	Violation under provision of rule 45(7) of scrutiny pointed out to lessee for rectification
9d	Scrutiny of AR on afforestation	As per Given in AR		
9e	Scrutiny of AR on mineral reject generation	As per Given in AR		
9f	Scrutiny of AR on ROM stock and/or graded ore			
9g	Scrutiny of AR on sale value, Ex. Mine price/ & production cost	As per Given in AR		
9i	Scrutiny of AR on fixed assets	As per Given in AR		
9k	Scrutiny of Annual return on mining machineries			
*While scrutiny of annual return 2020-21, following discrepancies observed, which are furnished as below. Part-I, Sr No.12, land used details mentioned as Abandoned & current OC working are not given correctly, Part-VII (Cost of Production- mining cost mentioned zero, beneficiation cost mentioned 80Rs/T which are not correct, therefore Ex Mine price needs to be corrected & furnished as per above scrutiny. Mineral Stock needs to reconcile & corrected.				

- 10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:
- Presently mine was inspected for Star Rating inspection. Violation under provision of Rules 11(1),26(2), 33, 45(7), pointed out for rectification & under process. Star Rating validation done.