

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Malunda Limestone Mines (37Ha)
1(b)	Name of Inspecting officer	Sh. G Ram, DCOM
1(c)	Date of Inspection	13/5/2022 FN, Star Rating
1(d)	Accompanying officer	Sh. Devayut Vala, lessee rep.
2	Total Lease Area (Ha) Non-forest and forest land	ML Area: 37.23Ha , Survey Nos.: 185/45,
3	Mine code	38GUJ08087
4	IBM Registration Number under rule 45	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	Malunda
7	Taluka/Mandal	Varaval
8	District	GirSomnath
9	Pin code	362 255
10	State	Gujarat
11	Post office	Varaval
12	Nearest police station	Varaval
13	Nearest Railway station	Varaval
14	Date of Grant of Mining Lease	24.4.1975
15	Date of Execution	08.8.1975 (Expiry-07.8.2025 As per MMDR Act 1957,
16	Date of opening of Mine	--
17	Date of first Renewal, if applicable & expiry	07.8.1995
18	Date of second Renewal, if applicable & expiry	NA
19	Date of submission of renewal application if	NA
20	Name of the Nominated Owner with Address, phone, email, fax and date of appointment	Shri Sarmanbhai Jadavbhai vala, C/o M/s RJ Trivedi & Co. shivam_mining@yahoo.com,9825130999
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Krushnabhai Parbatbhai Vala,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	Vishal Kamliya, Vadnagar Road, Bodkivadi, Village-Kodinar,Gir-somnath,Gujarat-362720,7046707052, kamaliyavishal1234@gmail.com
23	Name of the Mining Engineer, Qua. & Exp. with Address, phone, email, fax , date of appointment	Jotva Nilesh Kalabhai, BE (Mining) WEF-01.5.2021
24	Whether Geologist, Mining Engineer appointed in mines satisfy the rule carrying out their duties	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/MMP with five-year period specific condition in approval letter, if any.	682(23)/589/2008 /MCCM /N/UDP Dated-04.8.2008, 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.	684(4)(1)/MP-342/ 2021-22 Dated-24.5.2021, 2021-22 to 2025-26 approved with special conditional/ submission of finalised lease & authenticated lease plan within 120 days.
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 2021-22	Actual work	Remarks
1a	Backlog of previous year	No backlog of previous year.	NIL	
1b	Exploration over lease area for G-axis 1or 2	04 Core boreholes each 20m depth proposed in 2021-22 as earmarked in plate No.3	Not done, VL pointed out under rule 11(1)	
1c	Exploration Agency & Expenditure	Not applicable	NIL	
1d	Balance area to be explored to bring G-axis in 1 or 2	Balance area has been proposed for plan period.		
1e	Balance reserves (Million Tonnes) as on 01.04.2022	UNFC (111,121&122)-5.5373 & 0.73101 Million Tonne as per approved RMP dated 18.8.2021		
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		

2.0 Development

SN	Item	Proposals 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was Proposed to work as earmarked in plate no-4A	Not done as proposed	Change of place of workings done, VL pointed out.
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 mine pits as per quality & grade requirement.		

3.0 Exploitation

SN	Item	Proposals 2021-22	Actual work	Remarks
3a	Number of pits proposed for production	Three pits (2,3,4)	Two pits	Surface miner pits worked by excavator and vice versa New road diversion made which was not proposed.
3b	Quantity of ROM production proposed	10,00,000T	3,92,150T	
3c	Recovery of saleable/usable mineral from ROM production	100% ROM	100% recovery	
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		Total about -7ha	
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-7Ha, Stack-0.173Ha, Road-0.09Infra & Plantation-1Ha, etc		
3p	Production of ROM mineral during last five-year period, as applicable	2017-18-730409T 2018-19- 753390T 2019-20- 763636T 2020-21-10,00,000T 2021-22-10,00,000T	2017-18-46235.4T 2018-19- 327800T 2019-20-128250T 2020-21-675167.05T 2021-22-392150T	
3q	General remarks of inspecting officer on method of mining etc.	Method by using Surface Miner/Excavator without conventional drilling & blasting/HEMM used.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals 2021-22	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 if any.
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 2021-22	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 2021-22	Actual work	Remarks
6a	Whether AR on PMCP submitted on time & correctly Rule 26(2).	Proposed -2020-21	Submitted on 18.8.21.	
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- 191m around pits Re-grassing- 4045M2	Not done & reported	
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	500 Sapling/0.5Ha	About 450Nos.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient Air, Water, Noise monitoring-	Regular monitoring 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 2021-22	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	10,00,000T	3,92,150T	Entire ROM is utilised by sizing & sorting, blending as per buyer's 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 utilised by proper sizing & sorting, blending as per buyer's requirement.		

8.0 Environment

SN	Item	Proposals 2021-22	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	About 450Nos.	
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-22.6.2021. (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	ME & Geologist Appointed as per provision of rules.		NIL
9c	Scrutiny of AR on land use pattern for area under pits, reclaimed area, dumps	As per Given in AR	As per Given in AR	NIL
9d	Scrutiny of AR on afforestation			
9e	Scrutiny of AR on mineral reject generation			
9f	Scrutiny of AR on ROM stock and/or graded ore			
9g	Scrutiny of AR on sale value, Ex. Mine price/ & production cost			
9i	Scrutiny of AR on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

- 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), 27(1) & 27(2), 33, pointed out. Star Rating validation done (3Star).