

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Roghada Limestone Mines, Sy/No.46/2P&46/4/1P, Area-4.0Ha
1(b)	Name of Inspecting officer	Sh. G.Ram, DCOM
1(c)	Date of Inspection & Type	11/4/2022 AN & RMP
1(d)	Accompanying officer	Sh. Nagha Bhai Vanda, Sh. Harsh Trivedi, Technical Person.
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area: 4.0ha Survey Nos.: 46/2P&46/4/1P
3	Mine code	38GUJ21101
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/17858/2014
5	Name of the lessee, Address, phone, email and fax number	Shri Merkhi Bhai Jetabhai Vanda, Lessee, At & PO-Roghada, Taluka-Kutiyana, District-Porbandar, Gujarat State
6	Village	Roghada
7	Taluka/Mandal	Kutiyana
8	District	Porbandar
9	Pin code	362245
10	State	Gujarat
11	Post office	Kutiyana
12	Nearest police station	Kutiyana
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	06.2.2013
15	Date of Execution	06.2.2013 (Expiry-05.2.2063 As per MMDR Act 2015)
16	Date of opening of Mine	08.8.2013
17	Date of first Renewal, if applicable and its expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed	Not Applicable, since ML is executed in 2013 only.
20	Name of the Nominated Owner with Address, phone, email, fax and date of appointment	Shri Merkhi Bhai Jetabhai Vanda, Lessee, At & PO-Roghada, Taluka-Kutiyana, District-Porbandar, Gujarat State
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Merkhi Bhai Jetabhai Vanda, Lessee, At & PO-Roghada, Taluka-Kutiyana, District-Porbandar, Gujarat State
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not Appointed
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not Appointed-Mine workings discontinued wef 01.11.2021 due to NGT /State. (Discontinued Notice is not submitted), Violation pointed out.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule & carrying out their duties as per rule.	Not Appointed-Mine workings discontinued wef 01.11.2021 due to NGT /State. (Discontinued Notice is not submitted), Violation pointed out.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(MP)(802)/2012-MCCM(N)/UDP Dated 04.9.2012 for 2013-14 to 2017-18, 684(4)(1)(MP-132)/2018-MCCM(N)/UDP Dated 13.6.2018 for 2018-19 to 2021-22
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	MMP-684(4)(1)(MP-285(132)/2020-21-GNR Dated 05.11.2020 for 2020-21 to 2021-22 ,684(4)(1)(MP-419)/2022-GNR Dated 27.5.2022 for 2022-23 to 2026-27
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast Mining
29	Category (Fully Mechanised, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

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

1.0 Exploration

SN	Item	Proposals (2021-22)	Actual work	Remarks
1a	Backlog of previous year	No backlog		
1b	Exploration over lease area for G-axis 1 or 2.	08 Number of exploratory core bore holes/209.52m has been drilled in entire mining lease area is G1/G2 level. (Dec,18 to		
1c	Exploration Agency & Exp. in lakh Rs during year	Jan,19) & Expenditure-7,55,790/-Rs.		
1d	Balance area to be explored to bring G-axis in 1or2			
1e	Balance reserves (Million Tonnes) as on 01.04.22	Total resources-2.083million tonne, out of this Reserves (111,121&122) 1.098million Tonne.		
1f	General remarks of inspecting officer on geology, exploration etc.	Lessee has been carried out 08no of core boreholes. No further exploration is required.		

2.0 Development

SN	Item	Proposals (2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Proposed as earmarked in plate3B	Not done, NIL	Presently mine is not working due to EC/NGT
2b	Separate benches in topsoil, OB and mineral	Proposed for separate removal		
2c	Stripping ratio or ore to OB ratio	Not Proposed		
2d	Quantity of topsoil generation in m ³	597m ³		
2e	Quantity of overburden generation in m ³	Not Proposed		
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The lease area is developed by mine pit. Presently mine is not working due to EC/NGT		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No.1 as earmarked	Not done, 0T	Presently mine is not working due to EC/NGT.
3b	Quantity of ROM production proposed	194422T		
3c	Recovery of saleable/usable mineral from ROM	100%		
3d	Quantity of mineral reject generation	Not proposed		
3e	Grade of mineral reject and THV declared	34%Cao		
3f	Quantity of sub-grade mineral generation	Not Proposed		
3g	Grade of sub-grade mineral generation	Not Proposed		
3h	Manual / Mech. method adopted for segregating	Mechanised		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed		
3j	Provision of drilling & blasting	Not proposed		
3k	Provision of machineries in mineral benches	Excavator (0.9M ³)/ JCB		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No OB benches.		
3m	Total area covered under excavation/pits	0.2902Ha area in plan period		
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	NIL	
3o	Total area put in use under different heads	0.2902Ha area proposed, plan period	NIL	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19- 39999T 2019-20- 50210T 2020-21- 148969T 2021-22-194422T 2022-23-194422T	121434T 49800T 79681T 0T 0T(Till date)	
3q	General remarks of inspecting officer on method of mining etc.	Presently mine is not working due to EC/NGT. Proposed method of mining is mech. O/c method with shovel/tipper combination.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & reject	Topsoil-597Tm ³	0T	
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within & outside lease area	Not proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit	Not proposed	NIL	
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain			
4i	Length of Retaining wall or garland drain	Not requires & propose.	NIL	
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	Not done	
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 proposed & not carried out.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2021-22)	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly .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	Not proposed	Not done	
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	Not done	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Within 7.5m barrier 200No./0.1Ha	100No. (Survival less)	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	periodic monitoring of air borne dust, water, noise etc.	done by third party agency	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Annual report on PMCP is not submitted. Violation under provision of rule 26(2) pointed out.		

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	194422T	0T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual & Machines	NIL	
7c	Different grade of mineral sorted out at mines	Chemical/Cement grade	NIL	
7d	Any beneficiation process at mines	Not proposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no mineral rejects/subgrade generated presently. Entire ROM is utilised by proper sizing & sorting, blending		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	removing separately	Not done	ML area is devoid of OB/Waste
8b	Concurrent use or storage of topsoil	Not proposed		
8c	Separate dumps for OB, waste, rejects and fines			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed		
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations	Not proposed		
8f	Baseline information on existence of plantation	Not proposed		
8g	Survival rate	75-80%		
8h	Water sprinkling on roads to control airborne dust	Proposal for suppress dust		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic beauty of area is mine working pits & plantation done in 7.5m but surrounding area is less irrigated land		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
	Status of submission of Online Monthly/ Annual returns	Online return Submitted up to till date –	
S.N.	Item	Details GIVEN in A.R.2021-22 is submitted on 10.5.21 /Monthly return	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details as per given in AR	Details as per given in AR
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		
9d	Scrutiny of Annual return on afforestation		
9e	Scrutiny of Annual return on mineral reject generation		
9f	Scrutiny of Annual return on ROM stock/ graded ore		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost		
9i	Scrutiny of Annual return 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 Review of Mining Plan inspection & Star Rating validation done. Violation under provision of Rules 26(2), 27(1) & 27(2),28(1),33 Pointed out for rectification.