

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Khorasa Limestone Mine (5.0Ha)
1(b)	Name of Inspecting officer & Designation	G. Ram, Sr.Assistant Controller of Mines
1(c)	Accomp.official	Sh. Ashok Bhai Jemuliya
1(d)	Date & Type of Inspection	21.7.2021 & Star Rating/MCDR
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.0Hect. (Non-Forest) Survey No. 2P
3	Mine code	38GUJ08083
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9156/2012
5	Name of the lessee, Address, phone, email and fax number	M/s Dinesh Kumar & Co., C Main Bazar, P.O.-Prabhash Patan, Veraval, Gujarat 362268
6	Village	Khorasa
7	Taluka/Mandal	Malia hatina
8	District	Junagarh
9	Pin code	362255
10	State	Gujarat
11	Post office	Gadu
12	Nearest police station	Gadu
13	Nearest Railway station	Gadu
14	Date of Grant of Mining Lease	22.1.1979, WEF 05.5.1979,
15	Date of Execution	04.5.2029 for 50years as per MMDR (A).Act 1957
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	15.11.2003, 05.05.1999 for 20years
18	Date of second Renewal, if applicable and its period & expiry	Not applicable
19	Date of submission of renewal application if Mining are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax & appointment	M/s Dinesh Kumar & Co., C Main Bazar, P.O.-Prabhash Patan, Veraval, Gujarat 362268
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh.Ashok Bhai Jemuliya
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA-Mine workings discontinued due to State Govt. /NGT order.
23	Name of the Mining Engineer, Qualification and total Exp. with Address, phone, email, fax number and date of appointment in mine	NA-Mine workings discontinued due to State Govt. /NGT order.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA-Mine workings discontinued due to State Govt. /NGT order.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Letter No. 682(23)/316/2004-MCCN (N) UDP Dated 08/7/2004.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Letter No. 684(4)(1)/MP/261/2019-20-MDRD (N) GNR Dated 13/02/2020 for 2020-21 to 2023-24
27	Mineral(s) granted in ML proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast.
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 (2020-21)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	NIL	
1b	Exploration over lease area for G- axis 1/ 2.			
1c	Exploration Agency & Exp. in lakh Rs. during year			
1d	Balance area to be explored to bring G- axis in 1/2	The reserves & resources re-estimated presently as per core boreholes/existing old pit/trial pits & about 0.581millionT (111&121) & remaining resources (0.43millionT)		
1e	Balance reserves as on 01.4.2021			
1f	General remarks of inspecting officer on geology, exploration etc.	This is small lease area of 5Ha & Lessee has been carried out the 04 No of core boreholes in present plan period & area developed by open mine pits also.		

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 3A	NIL	Mine workings discontinued due to EC problem by direction of State/ NGT order.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	It is proposed to removing the topsoil separately, if any.	NIL	
2c	Stripping ratio or ore to OB ratio	1:0.0	NIL	
2d	Quantity of topsoil generation (m3)	Not proposed in present plan period	NIL	
2e	Quantity of OB generation (m3)	Not Proposed for the year	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	This is small lease area of 5Ha & lease area is developed by mine pit. Topsoil is existed in lease area intermittently.		

3.0 Exploitation

SN	Item	Proposals (2020-21)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No.2	NIL	Mine workings discontinued due to EC problem by direction of State/ NGT order.
3b	Quantity of ROM mineral production proposed	99,000T	0T	
3c	Recovery of salable/usable mineral from ROM production	100% recovery proposed	NIL	
3d	Quantity of mineral reject generation	Not proposed	NIL	
3e	Grade of mineral reject generation and threshold value declared	Above THV & below cut-off grade	NIL	
3f	Quantity of sub-grade mineral generation	Not Proposed	NIL	No subgrade/ Mineral rejects generated.
3g	Grade of sub-grade mineral generation	Not Proposed		
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method of mining proposed.		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed any beneficiation.	NIL	NIL
3j	Provision of drilling & blasting in mineral benches	Not proposed	NIL	About 2.5mining & 0.01 Road
3k	Provision of mining m/c in mineral benches	Excavator/JCB & Tipper combination proposed.		
3l	Whether height of benches in OB and mineral suitable for method of mining proposed in MP/SOM	Bench height-3m& width more than height	NIL	
3m	Total area covered under excavation/pits		NIL	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	NIL	Mine workings discontinued due to direction of State/ NGT order.
3o	Total area put in use under different heads at the end of year	It was proposed to work in 1.95Ha in plan period.	NIL	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2017-18- 20,685T Yr-2018-19- 20,844T Yr-2019-20-7360T Yr-2020-21-99,000T Yr-2021-22-103832T	Yr-2017-18- 72949.4T Yr-2018-19 -42644.8T Yr-2019-20- 0T(Till) Yr-2020-21- 0T Yr-2021-22-0T (Till)	
3q	General remarks of inspecting officer on method of mining etc.	Presently mine is not working due to NGT order. However the method of mining is mechanised opencast method with shovel/tipper combination.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2020-21)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed, since area of devoid of OB /waste in plan period year.	NIL, Mine workings discontinued wef Oct, 2018 to till date due to NGT order.	Since ML area is devoid of OB/waste & hence not proposed.
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit			
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 or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	The lease area is devoid of OB/Waste. Hence not proposed OB/Waste in present plan period.		

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 since area is devoid of OB/Waste.	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 (Rule 32)			
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 (2020-21)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	Annual reported on PMCP is required to be submitted to this office with in stipulated time.	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			
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 etc.			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive mine closure.			

7.0 Mineral Conservation

SN	Item	Proposals (2020-21)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1,20,000T	0T	Mine workings discontinued due to EC problem
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual /Mechanised	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	Entire ROM is utilised by proper sizing & sorting, blending as per buyers requirement. No beneficiation study is requires.		

8.0 Environment

SN	Item	Proposals (2020-21)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed top soil in plan period	NIL	Mine workings discontinued wef Oct, 2018 to till date due to NGT order.
8b	Concurrent use or storage of topsoil	Not proposed for concurrent use	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	ML area is devoid of OB/Waste	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal for restore land in original use due to no OB/waste	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	ML area is devoid of OB/Waste	NIL	
8f	Baseline information on existence of plantation & additional plantation done	Plantation proposed- 20saplings	NIL	
8g	Survival rate	Not proposed	NIL	
8h	Water sprinkling on roads to control airborne dust	Proposal for supress air borne duct	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines.	Mine was not working during inspection. The aesthetic beauty of area in & around mines are degraded mine pit/land of irregular bench height & width due to mining activities etc.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks	
	Status of submission of Online Monthly and Annual returns	M.R. submitted AR-2020-21.		
S.N	Item		Observations	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	Monthly/Annual return online is not submitted to IBM.	VL under provision of rule 45(5)(b)&45(5)(c) pointed out.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA		
9d	Scrutiny of Annual return on forestation	NA		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NA		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NA		
9i	Scrutiny of Annual return on fixed assets	NA		
9k	Scrutiny of Annual return on mining machineries	NA		

10. Details of violations observed during current inspection and compliance position of earlier violation pointed out:- During present inspection, mine was inspection for Star Rating validation & mine was not working due to State order & discontinuance Notice is submitted wef Oct, 2018 to this office. Presently Violation of rule 26(2), 33, 45(5)(b)&45(5)(c) pointed out. Star Rating validation done.
