

MCDR INSPECTION REPORT**General**

SN	Particulars	Details
1(a)	Name of the Mine	Navagam Limestone Mine [Sr. No. 218]
1(b)	Name of Inspecting Officer & Designation	Shri. Pushpender Gaur, RCOM
1(c)	Accompanying Mines Representatives	Virtual Inspection
1(d)	Type of Inspection	Virtual Inspection
1(e)	Date of Inspection	Virtual Inspection
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.00 Ha
3	Mine code	38GUJ08349
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/16525/2013
5	Name of the lessee, Address, phone, email and fax number	Mr. Gigabhai Koli, TO.NAVAGAM P.O-GORKHMATHI GIGABHAIDUDABHAI KOLI SUTRAPADA
6	Village	Navagam
7	Taluka/Mandal	Sutrapada
8	District	Junagadh
9	Pin code	362255
10	State	Gujarat
11	Post office	Gorkhmathi
12	Nearest police station	-
13	Nearest Railway station	-
14	Date of Grant of Mining Lease	28-04-2003
15	Date of Execution	17-09-2003
16	Date of opening of Mine	-
17	Date of first Renewal, if applicable and its period & expiry	16-09-2033 to 16-09-2053
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	Expiry- 16-09-20253
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA, Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA, Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	NA, Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024.
25	Date of Approval of Mining Plan/Modified Mining Plan /Review of Mine Plan with five-year period and specific condition in approval letter, if any.	MCDR-MPCP0CaFI/46/2022-GNR IBM_RO_GNR MP-458, Dated- 26-09-2023 2023-24 to 2027-28
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or	Category A, Mechanized

	Manual)	
30	Captive/Non Captive	Non Captive

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

1.0 Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	1 Borehole of 15 meters	2 Boreholes	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2024	UNFC code 111: 179833 MT		
1f	General remarks of inspecting officer on geology, exploration etc.	Total area is already explored to G1 level. 2 Boreholes are mentioned in Annual Return whereas Shape file Borehole locations are not given in Drone data and not found in Drone image.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	In South west direction	No Work	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	Not Applicable	
2c	Stripping ratio or ore to OB ratio	1:0	No Production	
2d	Quantity of topsoil generation in m ³	No Proposal	Not Applicable	
2e	Quantity of overburden generation in m ³	No Proposal	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024. Mine working is not found in Drone image.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	One	Nil	
3b	Quantity of ROM mineral production proposed	6058.80 MT	Nil	
3c	Recovery of saleable/usable mineral from ROM production	6058.80 MT	Nil	
3d	Quantity of mineral reject generation	No Proposal	Not Applicable	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Not Applicable	
3f	Quantity of sub-grade mineral generation	No Proposal	Not Applicable	
3g	Grade of sub-grade mineral generation	No Proposal	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	No Work	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	No Proposal	Not Applicable	

3k	Provision of mining machineries in mineral benches	Excavator- 01 Loader- 01	Nil	No Work
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	5m bench height in Mineral	No Work	
3m	Total area covered under excavation/pits in Ha	0.930 Ha	0.930 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0	No Production	
3o	Total area put in use under different heads at the end of year	Area under Mining- 0.930 Ha Roads- 0.07 Ha	Covered under current (O-C) Workings- 0.930 Ha	
3p	Production of ROM mineral during last five-year period, as applicable in MT	2023-24: 6058.80 MT	2023-24: Nil	
3q	General remarks of inspecting officer on method of mining etc.	Production has not been carried out during 2023-24. Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024. Machineries are not found in Drone image. Fresh pits are also not evident in the Drone image, however old pit is evident.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal	Not Applicable	
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Not Applicable	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit	Nil	Nil	
4e	Number of active & alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Not Applicable	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Not Applicable	
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer	There was no proposal Dumps. Dumps, Retaining wall etc. are not found in Drone image.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
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5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Not Applicable	
5b	Area under backfilling of mined out area	No Proposal	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	No Proposal	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	There was no proposal backfilling and not found in Drone image.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Yes	Yes, submitted along with Annual Report	
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	i) No Proposal ii) 0.0350 Ha iii) 50 plants vi) ₹25000	Plantation 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	No Proposal	Not Applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	Not Applicable	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	-	-	Virtual Inspection
6f	General remarks of inspecting officer on PMCP compliance & progressive	Plantation not done. Hence Rule 11(1) is violated. Shape file of plantation is not given in Drone data.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-	No Proposal	Not Applicable	

	wise sorting within lease area			
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	Not Applicable	
7c	Different grade of mineral sorted out at mines	No Proposal	Not Applicable	
7d	Any beneficiation process at mines	No Proposal	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Not Applicable	
8b	Concurrent use or storage of topsoil	No Proposal	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No Proposal	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done	Additional plants- 50	Not Done	
8g	Survival rate	80 %	No Plantation	
8h	Water sprinkling on roads to control airborne dust	Yes	Virtual Inspection	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation not done. Hence Rule 11(1) is violated.		

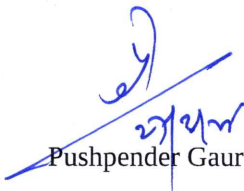
9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns			
S.N	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil		Mine is not working since 01-04-2022 due to Environment Clearance. Temporary discontinuous letter (Form-E) has been submitted by the Lessee on 02-05-2024.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. in Ha	Covered under current (O-C) Workings- 0.930 Ha		
9d	Scrutiny of Annual return on afforestation	Nil		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil		
9i	Scrutiny of Annual return on	Nil		

	fixed assets		
9k	Scrutiny of Annual return on mining machineries	Nil	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:

- a) Violation was issued on 04-09-2023 under Rules 28(1), 45 and the same have been complied on 21-06-2024.
- b) During the current year virtual inspection, as no operation reported, examined through Drone image and records, violation is found under Rule 11(1).
- c) Drone data has been submitted by the Lessee on 12-09-2024 and not found as per SOP hence referred back to the Lessee.
- d) Self-assessment date of Star Rating by the Lessee is 04-07-2024. 3 Star was given by the Lessee. It has been validated and given 3 Star.


Pushpender Gaur

Regional Controller of Mines

Indian Bureau of Mines