

## VIRTUAL MCDR INSPECTION REPORT

**1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	Rakka Limestone Mines (4.0Ha)
1(b)	Name of Inspecting officer	Naman Ekka
1(c)	Date of Virtual Inspection	25/03/2025
2	Total Lease Area (Ha) , Non-forest and forest land	ML Area: 4.0Ha ,Survey Nos.: 106/1P
3	Mine code	38GUJ07084
4	IBM Registration Number under rule 45 of MCDR	IBM/22418/2018
5	Name of the lessee, Address, phone, email and fax number	M/s Gaytri Minerals, Prop. Shri M B Trivedi, Plot No.52, kaushalya Park-3, Shrinathji Nagar Phase, Bharatnagar, Bhavnagar,Gujarat-364002, rakkamines2012@gmail.com
6	Village	Rakka
7	Taluka/ Mandal	Lalpur
8	District	Jamnagar
9	Pin code	361315
10	State	Gujarat
11	Post office	Lalpur
12	Nearest police station	Jamnagar
13	Nearest Railway station	Jamnagar
14	Date of Grant of Mining Lease	01.6.2012
15	Date of Execution	03.9.2012 (Expiry-02.9.2052 As per MMDR Act 2015,
16	Date of opening of Mine	2012-13
17	Date of first Renewal, if applicable, period & expiry	Not Applicable
18	Date of second Renewal, if applicable 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	M/s Gaytri Minerals, Prop. Shri M B Trivedi, Plot No.52, kaushalya Park-3, Shrinathji Nagar Pase, Bharatnagar, BhavnagarGujarat-364002, trivedirajendraap@rediffmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	M/s Gaytri Minerals, Prop. Shri M B Trivedi, Plot No.52, kaushalya Park-3, Shrinathji Nagar Pase, Bharatnagar, Bhavnagar Gujarat-364002, trivedirajendraap@rediffmail.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Rajesh Kumar.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Rajesh Kumar, 13 Yrs. of Experience
24	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter no 682(23)/MS/793/2011 MCCM/UDP Dated-12.4.2012 for 2012-13 to 2016-17.
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-148(28)/2018/MDRD/N/GNR Dated 29.6.2018 for 2018-19 to 2021-22.
26	Mineral(s) granted in lease	Limestone
27	Method of Mining(Opencast,UG)	Opencast Mining
28	Category (FM, Others or Manual)	A-Category
29	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	Remarks
1a	Backlog of previous year	No approved proposal	No work Reported	No Form I or J received
1b	Exploration over lease area for Geo. axis 1 or 2.	No approved proposal	No work Reported	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No approved proposal	No work Reported	

1d	Balance area to be explored to bring Geo. axis in 1 or 2	No approved proposal	No work Reported	
1e	Balance reserves (Million Tonnes) as on 01.04.2022	UNFC (111,121&122)-0.291 million tonne as per approved RMP 29.6.18		
1f	General remarks of inspecting officer on geology, exploration etc.	As Reported Earlier exploration work has been carried out by the Lessee.		

### 2.0 Development

SN	Item	Proposals (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	No approved proposal	No development observed as per Drone data image	
2b	Separate benches in topsoil, overburden and mineral	No approved proposal	Irregular Bench has been observed	
2c	Stripping ratio or ore to OB ratio	No approved proposal	NIL	
2d	Quantity of topsoil generation in m3	No approved proposal	NIL	
2e	Quantity of OB generation in m3	No approved proposal	NIL	
2f	General remarks of I/O on development of pit w.r.t. type of deposit etc.	As seen in drone image Mining lease area is developed by mine pits of limestone deposit in a hilly terrain.		

### 3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	No approved proposal	4 Pits of Mineral; Pit 1 = 0.0631 Ha.; Pit 2 = 0.8382 Ha; pit 3= 0.1131 Ha; Pit 4 = 0.0205 Ha. seen in Drone image	Variation in RL and coordinates of GCP has been observed as compared to drone image data of 2022-23 vs 2023-24
3b	Quantity of ROM mineral production proposed	No approved proposal	Production form Pit is not observed in drone image	
3c	Recovery of saleable/usable mineral from ROM production	No approved proposal	NIL	
3d	Quantity of mineral reject generation	No approved proposal	NIL	
3e	Grade of mineral reject generation and threshold value declared	No approved proposal	NIL	
3f	Quantity of sub-grade mineral generation	No approved proposal	NIL	
3g	Grade of sub-grade mineral generation	No approved proposal	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposal	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No approved proposal	NIL	
3j	Provision of drilling & blasting in mineral benches	No approved proposal	NIL	
3k	Provision of mining machineries in mineral benches	No approved proposal	NIL	
3l	Whether height of benches in OB and mineral suitable for method of mining	No approved proposal	NIL	
3m	Total area covered under excavation/pits	No approved proposal	As per Drone data 1.0349 Ha.	
3n	Ore to OB ratio for the pit/mine	1:0.0	NIL	

3o	Total area put in use under different heads at the end of year	No approved proposal.	Area under Mining – 1.0349 Ha. Roads- 0.0824 Ha.	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2019-20-58652T Yr-2020-21-58652T Yr-2021-22-58652T Yr-2022-23 – No approved Proposal Yr -2023-24 – No approved Proposal	2019-20 - 93529T 2020-21 - 187738T 2021-22 - 187025T 2022-23 – NIL 2023-24 - NIL	
3q	General remarks of inspecting officer on method of mining etc.	Opencast method of mining with excavator & tipper combination ahs been reported earlier.		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No approved proposal	NA	
4b	Location of topsoil, OB & mineral reject dumps	No approved proposal	NA	
4c	Number of dump within & outside lease	No approved proposal	NA	
4d	Location of dumps w.r.t. UPL	No approved proposal	NA	
4e	Number of active & alive dumps	No approved proposal	NA	
4f	Number of dead dumps	No approved proposal	NA	
4g	Number of dumps stabilised	No approved proposal	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	No approved proposal	NA	
4i	Length of Retaining wall or garland drain all along dump	No approved proposal	NA	
4j	Number of settling ponds	No approved proposal	NA	
4k	Specific comments of inspecting officer	As Reported No Solid Waste Generated.		

#### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work	Remarks
5a	Status on part full extraction of mineral from mined out area before starting backfilling	No approved proposal	As per Drone Image no Work Carried out	
5b	Area under backfilling of mined out area	No approved proposal	As per Drone Image no Work Carried out	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No approved proposal	As per Drone Image no Work Carried out	
5d	Total area fully reclaimed & rehabilitated	No approved proposal	As per Drone Image no Work Carried out	
5e	General remarks of inspecting officer on backfilling, reclamation etc	As reported earlier no solid Waste Generated and Pit has not been fully extracted as such no backfilling done.		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2023-24)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	No approved proposal	Annual PMCP report is not Submitted	Mines is suspended for non-compliance of various rules 11(1), 11(4), 35(2) Read with 35(4B), 45(5)(b) Read with Schedule II
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	No approved proposal  No approved proposal	As per drone Image no Work Carried 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	No approved proposal	As per drone Image no Work Carried out	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No approved proposal	As per drone Image no Work Carried out	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No approved proposal	NIL	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Annual PMCP report is not submitted.		

**7.0 Mineral Conservation**

SN	Item	Proposals (2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved proposal	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No approved proposal	NA	
7c	Different grade of mineral sorted out at mines	No approved proposal	NA	
7d	Any beneficiation process at mines	No approved proposal	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

**8.0 Environment**

SN	Item	Proposals (2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No approved proposal	As per drone Image no Work Carried out	
8b	Concurrent use or storage of topsoil	No approved proposal	As per drone Image no Work Carried out	
8c	Separate dumps for overburden, waste rock, rejects and fines	No approved proposal	As per drone Image no Work Carried out	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved proposal	As per drone Image no Work Carried out	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposal	As per drone Image no Work Carried out	
8f	Baseline information on existence of plantation & add. plantation done	N.A	NIL	
8g	Survival rate	No approved proposal	NIL	
8h	Water sprinkling on roads to control airborne dust	No approved proposal	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	As per drone image Mines is in hilly terrain and little to no vegetation found near the mines.		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		
	Status of submission of Online Monthly and Annual returns	AR submitted on 29/06/2024; MR Submitted till Feb – 2025 – 01/03/2025		
S.N	Item	Details GIVEN in A.R. 2023-24 Observation of I/Officer /Actual reported in Returns		Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	ME – Rajesh Kumar Yadav Geologist - NIL		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by opencast (O-C) mining – 1.0 HA	As per Drone Image - Area under Mining – 1.0349 Ha.	
9d	Scrutiny of Annual return on afforestation	No of Trees Planted during Year - 0	No Changes observed in drone image as compared to last year.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Mineral Reject - 0	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM opening stock- 0 Closing stock - 0	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NIL	NA	
9i	Scrutiny of Annual return on fixed assets	NIL	NA	
9k	Scrutiny of Annual return on mining machineries	NIL	NA	

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

1. Mines is suspended on 23/10/2024 for non-compliance of various rules of MCDR, 11(1), 11(4), 35(2) Read with 35(4B), 45(5)(b) Read with Schedule II.
2. No significant Violation Observed.
3. Variation in RL and in coordinates of GCP has been observed as compared to drone image data of 2022-23 Vs 2023-24, pointed out through DDMS Portal.

Naman Ekka  
SMG