

## MCDR INSPECTION REPORT

### 1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Dolatgadh Limestone Mines, Suv. No.-265P- Area-2.0Ha
1(b)	Name of Inspecting officer	Sh. Naman Ekka, SMG
1(c)	Date of Inspection	24/06/2021
1(d)	Accompanying officer	Sh. Ashwin Bhai Jhala
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	ML Area: 2.0ha Survey Nos.: 209/1P
3	Mine code	38GUJ21088
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8549/2012
5	Name of the lessee, Address, phone, email and fax number	Shri Nathabhai Savabhai Aagath, Lessee, Indira Nagar, Near Birla Colony, Porbandar-360 575 Gujarat
6	Village	Dolatgadh
7	Taluka/ Mandal	Ranavav
8	District	Porbandar
9	Pin code	360576
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	28.7.1998
15	Date of Execution	10.1.2002,50Yr (Expiry-09.1.2052 As per MMDR Act 2015 )
16	Date of opening of Mine	2002
17	Date of first Renewal, if applicable and its period & expiry	NA
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	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Nathabhai Savabhai Aagath, Lessee, Indira Nagar, Near Birla Colony, Porbandar-360 575 Gujarat
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Nathabhai Savabhai Aagath, Lessee, Indira Nagar, Near Birla Colony, Porbandar-360 575 Gujarat
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA-V/L under provision of rule 55(1) (3) pointed out for rectification.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA-V/L under provision of rule 55(1) (3) pointed out for rectification.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(768)/98/MCCM(N)/UDP Dated 09.6.1998
26	Date of Approval of Scheme of Mining /Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23)(MS) (813)/98-MCCM (N)/UDP Dated 26.6.2013 684(4) (1) MP-137/2018-GNR Dated 29.5.2018 for 2018-19 to 2022-23.
27	Mineral(s) granted in lease and proved for mining	Limestone

28	Method of Mining(Open cast, Underground)	Open cast 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 ( 2020-21)	Actual work (2020-21)	Remarks
1a	Backlog of previous year	There was no proposal for 2020-21	No work carried out	
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	No work carried out	The entire area has to be explored in G1.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	No work carried out	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	No work carried out	The entire area has to be explored in G1.
1e	Re-estimated reserves (Million Tonnes) as on 01.4.2018	111 – 169643 tonnes 211 – 57544 tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	This is small lease area of 2ha & lease area is developed by open mine pit.		

### **2.0 Development**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work as earmarked in plate no 5C for the year	No work has been carried out.	Mining operations has been stopped by GPCB due to want of EC.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Proposed for separate removal of topsoil	No work has been carried out.	
2c	Stripping ratio or ore to OB ratio	Not Proposed	No work has been carried out.	
2d	Quantity of topsoil generation in m3	Not Proposed	No work has been carried out.	
2e	Quantity of overburden generation in m3	Not Proposed	No work has been carried out.	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit.	During inspections it was found that Mining operations has been stopped by GPCB due to want of EC.		

### **3.0 Exploitation**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
3a	Number of pits proposed for production	Pit No.1 proposed as earmarked	No work has been carried out.	
3b	Quantity of ROM mineral production proposed	35473 tonnes	No work has been carried out.	
3c	Recovery of saleable/usable mineral from ROM production	100%	No work has been carried out.	
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 limestone	No work has been carried out.	
3f	Quantity of sub-grade mineral	Not Proposed	NIL	

	generation		
3g	Grade of sub-grade mineral generation	Not Proposed	No work has been carried out.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual/Mechanised	No work has been carried out.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	No work has been carried out.
3j	Provision of drilling & blasting in mineral benches	Not Proposed	No work has been carried out.
3k	Provision of mining machineries in mineral benches	Excavator/ Rock breaker proposed.	No work has been carried out.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No OB benches. Regular bench height	Irregular bench height in limestone were seen during inspection.
3m	Total area covered under excavation/pits	0.978 Ha proposed in plan period	Total excavated area is about 0.978 Ha
3n	Ore to OB ratio for the pit/mine during the year	Not proposed	Nil
3o	Total area put in use under different heads at the end of year	--	Total excavated area is about 1.1Ha
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2016-17– 21600T Yr-2017-18–21600T Yr-2018-19- 31960T Yr-2019-20- 31428T Yr-2020-21 – 35473 T	Yr-2016-17– 20250T Yr-2017-18– 16510T Yr-2018-19- 4150T Yr-2019-20- 7050T Yr-2020-21-0.00 T
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is mechanised open cast (without drilling & blasting) with Excavator & tipper combination. At present Mining operations has been stopped by GPCB due to want of EC.	

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	NIL, Not reported presently.	Topsoil generated is utilised for plantation purposes, if any.
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	NIL	
4c	Number of dumps within lease area and outside lease area	Not proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of active & alive dumps	Not proposed	NA	No OB /Waste dump existed in lease area.
4f	Number of dead dumps	Not proposed	NA	
4g	Number of dumps stabilised	Not proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	
4j	Number of settling ponds	Not proposed	NA	
4k	Specific comments of inspecting officer	No topsoil & overburden is generated & reported by lessee presently. No OB dump existed.		

#### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
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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 presently.
5b	Area under backfilling of mined out area	Not Proposed	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Proposed	NIL	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NIL	
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 (2020-21)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	-	PMCP Report of 2019-20 submitted	
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	NIL	
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	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Proposed	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	done	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Area is devoid of OB/Waste. Hence no backfilling & reclamation proposed & carried out. Periodical environment monitoring is being carried out by third party & under limit.		

### **7.0 Mineral Conservation**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting	No work done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual & M/c	No work done	
7c	Different grade of mineral sorted out at mines	Chemical Grade	No work done	
7d	Any beneficiation process at mines	NIL	No work done	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no mineral rejects/subgrade generated. Entire ROM is utilises by proper sizing, sorting & blending as per buyers requirement.		

### **8.0 Environment**

SN	Item	Proposals ( 2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Proposed	NIL	Topsoil is removing separately & utilising for plantation purposes, if any.
8b	Concurrent use or storage of topsoil	Not proposed	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.	No proposal	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation proposed-143 nos. & 0.132Ha & 105m fencing	Not done	Violation of Rule 11(1)
8g	Survival rate	Proposal	No plantation done in 2020-21	
8h	Water sprinkling on roads to control airborne dust	Proposal	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	There are no OB/Waste generation. Hence no backfilling & reclamation proposed & not carried out.		

### 9.0 Compliance of Rule 45

Sl.No.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date – Submitted online & A.R.2019-20 is submitted.		
		Details GIVEN in A.R.2019-20 Observation of I/Officer /Actual reported in Returns		Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	M.E. - Prafulkumar Ashokbhai Talapada	M.E. Prafulkumar Ashokbhai Talapada ; No Geologist Appointed	Violation of Rule 55(1)(c)(i)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area Under O/C working - 0.978 Ha. Reclaimed Area – 0.00 Ha.	Area Under O/C working - 0.978 Ha. Reclaimed Area – 0.00 Ha.	
9d	Scrutiny of Annual return on afforestation	Trees Planted - 150	No trees planted during 2020-21	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock and Graded Ore Stock are Same	ROM stock and Graded Ore Stock are Same	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine Price and Sale value Reported	Ex-Mine Price and Sale value Reported seems correct.	
9i	Scrutiny of Annual return on fixed assets	Fixed Assets – Rs. 0	No fixed assets at Mines Site	
9k	Scrutiny of Annual return on mining machineries	Dumper Front end loader Rock drill Shovel (hydraulic)	No Mining Machinery present at mine site.	

### Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
11(1), 33, 34(1), 55(1)(c)(i)	29/07/2021				

Naman Ekka  
Sr. Mining Geologist