

MCDR INSPECTION
1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Gop- 2 Limestone Mines
1(a)	Name of the Lessee	Shree Digvijay Cement Co. Ltd.
1(b)	Name of Inspecting officer & Designation	Shri Mohammad Nimar (Deputy Controller of Mines)
1(c)	Accomp. official	Mr. Manish Kumar Upadhyay (Sr. G.M-Mines), Mr. Umesh Tewari (Sr. Manager-Geology), Mr. N Santosh Kumar Manager (Mines)
1(d)	Date of Inspection	19.07.2024
2	Total Lease Area (Ha) with breakup of non-forest and forest land	Non-Forest –58.68 Ha. Forest – 0.0 Hectares Total - 58.68 Ha.
3	Mine code	38GUJ07010
4	IBM Registration Number under rule 45 of MCDR, 1988	95/2011
5	Name of the lessee, Address, phone, email and fax number	Shree Digvijay Cement Co. Ltd. Digvijaygram, Sikka, Jamnagar, Mob- 7861880790 Email – manishkumar.upadhyay@digvijaycement.com Fax - 02882344092
6	Village	Gop
7	Taluka/Mandal	Jamjodhpur
8	District	Jamnagar
9	Pin code	360515
10	State	Gujarat
11	Post office	Gop Moti
12	Nearest police station	Jamjodhpur
13	Nearest Railway station	Gop Jam
14	Date of Grant of Mining Lease	17.06.1966
15	Date of Execution	18.06.1966 valid up to 17.06.2026
16	Date of opening of Mine	18.06.1966
17	Date of first Renewal, if applicable and its period & expiry	05.01.1998 (w.e.f.18.06.1986 to 17.06.2006)
18	Date of second Renewal, if applicable and its period & expiry	Applied on 17.02.2005 for further 20 years i.e., up to 17.06.2026
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease term extended till 31/03/2030 vide MCR-1564-52-chh-1 dated 15/06/2017
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment.	Shri R Krishna Kumar, C.E.O & M.D Shree Digvijay Cement Co. Ltd. Digvijaygram, Jamnagar Phone No: 0288-2344072-75 r.krishnakumar@digvijaycement.com, Fax no 0288 - 2344092 Date of appointment 16.12.2023
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Manish Kumar Upadhyay , Shree Digvijay Cement Co. Ltd., Digvijaygram, Jamnagar Phone No: 0288-2344072-75 manishkumar.upadhyay@digvijaycement.com Fax no: 0288-2344092

		Date of appointment 16.12.2023
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri N Santosh Kumar , Manager of Gop Limestone Mines, Shree Digvijay Cement Co. Ltd Village – Gop, Taluka-Jamjodhpur, Dist.- Jamnagar, Mobile - 7752038929 email - santosh.kumar@digvijaycement.com Date of appointment – 16.02.2024
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri N Santosh Kumar , Mining Engineer of Gop Limestone Mines, Shree Digvijay Cement Co. Ltd Village – Gop, Taluka-Jamjodhpur, Dist.- Jamnagar, Mobile - 9510974772 email - santosh.kumar@digvijaycement.com Date of appointment – 16.02.2024, 14 Years
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Geologist – Shri U. C. Tewari Mining Engineer – Shri N Santosh Kumar
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23) (617)/96-MCCM(N) UDP, dated 22-11-1997 Gop (Composite) 682(23)/483/2006-UDP dated 08.01.2007.(Gop-2) 682(23)/MS-618/2011 MCCM (N)-UDAY dated 02.12.2016 (Modified Mining Plan) 684(4)(1)/MP-373/2021-22 GNR dated 12.01.2022(RMP) (2022-23 to 2026-27)
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-136/2001-UDP, dated 08-02-2002 (2002 to 2007). Modified 682(23)/MS-249/2004-UDP, dated 23-06-2004. 682(23)/MS-618/11 MCCM (N)-UDAY dated 30.04.2012 (2012-13 to 2016-17)
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
30	Captive/ Non Captive	Captive

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

Exploration.

SN	Item	Proposals (2023-24)		Actual work		Remarks
1a	Backlog of previous year	Nil		Nil		
1b	Exploration over lease area for Geological axis 1 or 2.	Not Applicable		G1-58.68 Ha.		
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Proposed	Not Applicable	Not Applicable	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Applicable		Not Applicable		

1e	Balance reserves as on 01.04.2024	159,012.00	159,012.00	
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease is explored in G-1		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	2023-24: 2439201 N to 2439003 N 594325 E to 594197 E	N22.053789, E69.911230 & N22.054385,E69.913 007	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No benches in OB and Topsoil In mineral – 1m *1 m	No benches in Ob and Topsoil In mineral –1m *1 m	
2c	Stripping ratio or ore to OB ratio.	1:0	1:0	
2d	Quantity of topsoil generation in m3	Not Proposed	Not Applicable	
2e	Quantity of overburden generation in m3	Not Proposed	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development work has been carried within the proposal.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No. 1 & 4	Pit No. 1 & 4 N22.054677,E69.91336 0 & N22.052473,E69.91396 0	Pit size approx. 350*27 0*1
3b	Quantity of ROM mineral production proposed	30000 MT	28937.240	
3c	Recovery of sealable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	Not Applicable	No Mineral Reject
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Not Applicable	No Mineral Reject
3f	Quantity of sub-grade mineral generation	Not Proposed	Not Applicable	No Sub grade Mineral
3g	Grade of sub-grade mineral generation	Not Proposed	Not Applicable	No Sub grade Mineral
3h	Manual / Mechanised method			

	adopted for segregating from ROM	Fully Mechanised	Fully Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Not Proposed	Not Applicable	
3k	Provision of mining machineries in mineral benches	Ripper & Dozer with combination of Excavator/Loader with Truck/Dumpers	Ripper-Dozer, Excavator, dumpers	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There is no proposal of OB bench and height of mineral bench is suitable for method of mining	OB-Nil Ore-0.5m-1.1m (Max)	
3m	Total area covered under excavation/pits	26.985 Ha	26.950 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	
3o	Total area put in use under different heads at the end of year	Pit- 26.985 Ha Waste/reject -Nil Others- 2.478 Ha	Pit- 26.950 Ha Waste/reject -Nil Others- 2.187 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2021-22 -30000 Yr-2022-23 -30000 Yr-2023-24 -30000	Yr-2021-22 -29370.46 Yr-2022-23 -29787.313 Yr-2023-24 -28937.240	
3q	General remarks of inspecting officer on method of mining etc.	Eco-Friendly mining by use of Ripper & Dozer is being practised. No Drilling & Blasting proposed.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not Proposed	Not Applicable	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Not Applicable	
4c	Number of dumps within lease area and outside lease area	Not Proposed	Not Applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Not Applicable	
4e	Number of active & alive dumps	Not Proposed	Not Applicable	
4f	Number of dead dumps	Not Proposed	Not Applicable	
4g	Number of dumps established	Not Proposed	Not Applicable	
4h	Whether Retaining wall or	Not Proposed	Not Applicable	

	garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Not Applicable	
4j	Number of settling ponds	Not Proposed	Not Applicable	
4k	Specific comments of inspecting officer	No work proposed and no work carried out.		

5.0 Solid Waste Management-Backfilling

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

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 - Rule 23E(2). Details should be given in the format as given in Annexure-20.	PMCP report to be submitted in time.		PMCP report submitted along Annual Return on 22-06-2024.		
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	ii) 0.50 Ha iii) 500 Nos iv) 21933 Nos		ii) 0.50 Ha iii) 500 Nos iv) 21933 Nos		
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	Not Proposed	Not Applicable	Not Applicable	Not Applicable	

	iv) Rehabilitation by making water reservoir v) Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation Nos of Plants – 500 Area -0.50 Ha	Afforestation Nos of Plants – 500 Area -0.50 Ha	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring to be done.	Through outside agency.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Work proposed under PMCP carried out accordingly including 30 meter of fencing and Environmental monitoring reports are within the statutory limits.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM to be dispatched. 30000 MT	Total ROM is despatched. 28937.240 MT	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	Not Applicable	
7c	Different grade of mineral sorted out at mines	Not Proposed	Not Applicable	
7d	Any beneficiation process at mines	Not Proposed	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mineral produced is totally consumed and no mineral reject is generated.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Proposed	Not Applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Proposed	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	500 Nos of sapling to be planted every year	500 Nos Sapling planted in 2023-2024	

8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Lease area rocky and deprived of vegetation. As per proposal 500 plants to be planted per year.	21933	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Dust suppression to be done.	Dust suppression done by using water tankers.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Plantation is carried out as per proposal and bio diversity park is being maintained.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	Monthly Returns up to Oct'24 & Annual Return for 2023-24 submitted within on 22-06-2024.	

S. N.	Item	Details GIVEN in A.R. 2023-2024		Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer – Shri N Santosh Kumar , Geologist – Shri U. C. Tewari	Mining Engineer – Shri N Santosh Kumar , Geologist – Shri U. C. Tewari	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 26.950, Reclaimed-rehabilitated 11.370, Occupied by plant, buildings, residential, welfare buildings and roads 2.187, any other purpose (specify) Water reservoir 1.020, Work done under progressive mine closure plan during the year 0.500	Covered under current (O-C) Workings 26.950, Reclaimed-rehabilitated 11.370, Occupied by plant, buildings, residential, welfare buildings and roads 2.187, any other purpose (specify) Water reservoir 1.020, Work done under progressive mine closure plan during the year 0.500	
9d	Scrutiny of Annual return on afforestation	500/21933	500/21933	
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	Nil	Nil	

9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	EMP- 196.42 Captive consumption	EMP- 196.42 Captive consumption	
9i	Scrutiny of Annual return on fixed assets	₹ 1053403	₹ 1053403	
9k	Scrutiny of Annual return on mining machineries	DOZER 306.000 HP 1, SHOVEL 0.900 CUM 1, WATER TANKER 4000.000 LITRE 1, JEEP/ TRACTOR 63.000 HP 1, TRUCK 28.000 TONNE 20	DOZER 306.000 HP 1, SHOVEL 0.900 CUM 1, WATER TANKER 4000.000 LITRE 1, JEEP/TRACTOR 63.000 HP 1, TRUCK 28.000 TONNE 20	

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

- (i) During the F/y year 2022-23 no violations were pointed out.
- (ii) During the year 2023-24 also no violation observed
- (iii) Drone data submitted is checked and found that Area of mining features cannot be calculated hence referred back on DDMS portal. Corrected Drone Data is submitted by the Mine on 22-08-2024 which is found as per SOP and processed in DDMS Portal.

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