

INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details		
1(a)	Name of the Mine	Dhamnava Gabha Limestone Mine		
1(b)	Name of I officer & Designation	G. Ram, Dy. Controller of Mines		
1(c)	Accomp. official	Sh. Rajesh Tiwari, Mines Manager		
1(d)	Date & Type of Inspection	10.3.2022 & Star Rating/MCDR		
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area: 60.7120 ha., Sy No.239/P Non-Forest land: 60.7120 ha., Forest Land : 00 ha.		
3	Mine code	38GUJ08042, Dhamnava & Gabha mining leases were amalgamated as one single lease in the year 2007.		
4	IBM Reg. Number under rule 45 of MCDR, 2017	IBM/5292/2011		
5	Name of the lessee, Address, phone, email and fax number	M/s. GHCL, At & Post: - Sutrapada, Dist.- Gir-Somnath 362265, Gujarat, Phone:-02876305564/305377, E-Mail: Fax:- 02876263480		
6	Village	Dhamnava and Gabha		
7	Taluka/Mandal	Talala		
8	District	Gir-Somnath		
9	Pin code	362150		
10	State	Gujarat		
11	Post office	Dhamnava		
12	Nearest police station	Talala Police station		
13	Nearest Railway station	Veraval Railway station		
14	Date of Grant of Mining Lease	27/10/1986		
15	Date of Execution	09/02/1987, 22/06/1987.		
16	Date of opening of Mine	01/01/1988		
17	Date of first Renewal, if app.	30/01/2006, 15/05/2006		
18	Date of second Renewal, if applicable and its period & expiry	No renewal		
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	30/01/2006, 15/05/2006		
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Raman Chopra, M/s GHCL Ltd, Corporate Office: B-38, institutional area, sector-1, Noida - 201301, (U.P.) Date of appointment-05.05.2012		
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Manish Kumar, M/s GHCL Ltd, At & Post - Sutrapada, Dist.- Gir-Somnath Pin- 362275 (Gujarat), Ph. No. 9328849666, Date of Appointment:-01/02/2014		
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Rajesh Tiwari, M/s GHCL Ltd, At & Post - Sutrapada, Dist.- Gir-Somnath Pin- 362275 (Gujarat), Ph. No. 9099093080 Date of appointment:- 22/01/2013		
23	Name of the ME, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mr. Rajesh Tiwari- M/s GHCL Ltd, At & Post - Sutrapada, Dist.- Gir-Somnath Pin- 362275 (Gujarat), Ph. No. 9099093080, Qualification :- B.E. mining, Total Experience :- 13 Years Email :- Date of appointment:- 22/01/2013		
24	Whether Geologist & ME appointed in mines satisfy the rule 55 & carrying out their duties	Vimal Kumawat M/s GHCL Ltd, At & Post - Sutrapada, Dist.- Gir-Somnath Pin- 362275 (Gujarat), 9099029201, WEF-15.1.2020.		
25	Date of Approval of MP/MMP with five-year period and specific condition in approval letter, if any.	Date of Approval of mining Plan:- 18/04/2017, Period of Mining Plan:- 2017-18 to 2021-22		
26	Date of Approval of RMP/MMP with five-year period, specific condition in approval letter, if any.	Date of Approval of mining Scheme:- 20/02/2013 Period of Mining Scheme:- 2013-14 to 2016-17		
27	Mineral(s) granted in lease and proved for mining	Limestone		
28	Method of Mining(O/C, U/G)	Opencast		
29	Category (FM, Others or Manual)	A-Mechanized		
30	Captive/Non Captive	CAPTIVE		
Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. -Exploration				
SN	Item	Proposals (2020-21)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	--NIL--	05 trial pits made in 2021-22.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	--NIL--	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not applicable	--	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	--	--
1e	Balance reserves as on 01.04.2021	--	1148975T	--
1f	General remarks of inspecting officer on geology, exploration etc.	Entire ML area is explored in past by way of mine pits/trial pits etc. However 05 trial pits are made presently.		

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2.0 Development				
SN	Item	Proposals (2020-21)	Actual work	Remarks
2a	Location of development w.r.t. lease area	DP-1,DP-2,DP-5,DP-7,GP-1,GP-2& GP-5	DP-1,DP-2,DP-5,DP-7,GP-1,GP-2& GP-5	Partly done & deviated due to legging.
2b	Separate benches in topsoil, OB and mineral	No separate benches,	Area is devoid of OB	-
2c	Strapping ratio or ore to OB ratio	NO Proposal	Area devoid of OB	--
2d	Quantity of topsoil generation in m ³	NO Proposal	NIL	-
2e	Quantity of OB generation in m ³	NO Proposal	NIL	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining lease area is developed by various mine pits etc.		

3.0 Exploitation				
SN	Item	Proposals (2020-21)	Actual work	Remarks
3a	Number of pits proposed for production	07 Pits	04 Pits	Partly done due to legging
3b	Quantity of ROM mineral production proposed	111314 T	96941 T	-
3c	Recovery of salable/usable mineral from ROM	99069 T	91457T	Stacked near GP-5, GP1
3d	Quantity of mineral reject generation	6679T	5484T	--
3e	Grade of mineral reject generation, THV declared	Undersize Limestone	Undersize Limestone	--
3f	Quantity of sub-grade mineral generation	Not proposed	NIL	--
3g	Grade of sub-grade mineral generation	NP	NIL	-
3h	Manual/Mech. method adopted for segregating from ROM	Manual/Mech.	As proposed.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	NIL	--
3j	Provision of drilling & blasting in mineral bench	Drilling and Blasting	No drilling & blasting	--
3k	Provision of mining mach. in mineral benches	HEMM, rock breaker	Rock breaker	--
3l	Whether height of benches in OB and mineral suitable for method of mining proposed in MP	Yes	Yes	-
3m	Total area covered under excavation/pits	--	About 34Ha	-
3n	Ore to OB ratio for the pit/mine during the year	Not Proposed	NIL	-
3o	Total area pit in use under different heads at the end of year	--	Mining-34Ha, Roads-2.30 others-0.63Ha	-
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2017-18 :-113340T Yr-2018-19 :-114313T Yr-2019-20 :-112113T Yr-2020-21 :-111314T Yr-2021-22 :-113904T	Yr-2017-18 :-94970T Yr-2018-19 :-95553T Yr-2019-20 :-96910T Yr-2020-21 :-96941T Yr-2021-22 :-92771T	(Till Feb.,22)
3q	General remarks of inspecting officer on method of mining etc.	Mechanized opencast method of mine with drilling & blasting.		

4.0 Solid Waste Management-Dumping				
SN	Item	Proposals(2020-21)	Actual work	Remarks
4a	Separate dumping of topsoil, OB, mineral reject	Top soil-285M3	About 200M3	-
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	NIL	-
4c	Number of dumps within ML & outside lease			-
4d	Location of dumps w.r.t. UPL			-
4e	Number of active & alive dumps			-
4f	Number of dead dumps			-
4g	Number of dumps stabilized			-
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			NIL

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	Fully mined out	Fully mined out	--
5b	Area under backfilling of mined out	Not Proposed	NIL	--
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Not Proposed	NIL	--
5d	Total area fully reclaimed & rehabilitated	Not Proposed	About 11Ha	-
5e	General remarks of inspecting officer on backfilling, reclamation etc.	---		

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 - Rule 26(2).	Proposed to submit with in stipulated time.	AR of PMCP is submitted with in stipulated time.	

Code - 33644/08099

DIVISION
SECTION

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Remarks
partly done & deviation
to logging.

	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 year	0.70Ha 0.25 Ha 250 saplings --- Not Proposed Not Proposed	0.70Ha 0.25 Ha 325 Saplings --- NIL 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 & buffer zone)	---	Yes, Comet consultancy, Rajkot	
6f	General remarks of inspecting officer on PMCP compliance & progressive	---		

7.0 Mineral Conservation

SN	Item	Proposals (2020-21)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	-	Size & grade as per plant requirement.	--
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mech./Manual	Mech./Manual	
7c	Different grade of mineral sorted out at mines	Not Proposed	Chemical & Cement Grade	
7d	Any beneficiation process at mines	Not Proposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NIL		

8.0 Environment

SN	Item	Proposals (2020-21)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Not Proposed	NIL	--
8b	Concurrent use or storage of topsoil	Not Proposed	NIL	--
8c	Separate dumps for OB, waste rock, rejects fines	Not Proposed	NIL	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	NIL	-
8e	Phased restoration, reclamation, rehabilitation of lands affected by mining operations	Not Proposed	NIL	-
8f	Baseline information on existence of plantation & additional plantation done		Existence: 423 Planted: 250	--
8g	Survival rate	--	79%	--
8h	Water sprinkling on roads, control airborne dust	Water sprinkling	Water sprinkling by tankers.	--
8i	General remarks of I/O on aesthetic beauty in and around mines are	NIL		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date -Feb-2022 (08.3.22) A.R. submitted up to till date-2020-21 (30.6.21)		NIL
S.N.	Item	Details GIVEN in A.R.(2020-21)	Observation of I/Officer /Actual reported	
9b	Scrutiny of Annual return information on Mining Engineer, Geologist, Manager	Mining Engineer & Geologist have been appointed as per provision of rules as per category of mines.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per Given in AR	Found in order	
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Mine was inspected for star rating of mine & validation done. Presently no significant violation observed & pointed out.

(4 star)

[Signature]