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**MCDR INSPECTION REPORT**1.0 **GENERAL**

S.No	Particulars	Details
1 (a)	Name of the Mine	धामनवा गाभा चूनापत्थर खान
1(b)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	श्री राजेश तिवारी, खनन अभियंता
1(d)	Type of Inspection	खनन योजना
1(e)	Date of Inspection	03.08.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	60.712 हे. (Non Forest)
3	Mine Code	38GUJ08042
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5292/2011
5	Name of the lessee, Address, phone, email and fax number	जी.एच.सी.एल. लि. सूत्रापाडा, गिर सोमनाथ (गुजरात) 362 275 Phone : 02876-305564/305377, Fax number : 02876-263480 Email - <a href="mailto:mining@ghcl.co.in">mining@ghcl.co.in</a>
6	Village	धामनवा, गाभा
7	Taluka/Mandal	तलाला
8	District	गिर सोमनाथ
9	Pincode	362 150
10	State	गुजरात
11	Post office	धामनवा
12	Nearest police station	तलाला
13	Nearest Railway station	वेरावल
14	Date of Grant of Mining Lease	27.10.1986
15	Date of Execution	09.02.1987 (08.02.2037 तक वैध)
16	Date of opening of Mine	01.01.1988
17	Date of first Renewal, if applicable and its period & expiry	--
18	Date of second Renewal, if applicable and its period & expiry	--
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री रमन चोपड़ा बी - 38, इंडस्ट्रियल एरिया, सैक्टर - 1, नोएडा (उ.प्र.) Phone : 98111 21750 email - <a href="mailto:r Chopra@ghcl.co.in">r Chopra@ghcl.co.in</a>
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री मनीष कुमार GHCL लि., सूत्रापाडा, गिर सोमनाथ (गुजरात) 362 275 Phone : 93288 49666 email - <a href="mailto:manishkumar@ghcl.co.in">manishkumar@ghcl.co.in</a> , 01.02.2014
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	श्री राजेश तिवारी GHCL लि., सूत्रापाडा, गिर सोमनाथ (गुजरात) 362 275 Phone : 9099093080 email - <a href="mailto:rajeshtiwari@ghcl.co.in">rajeshtiwari@ghcl.co.in</a> , 22.01.2013
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	श्री राजेश तिवारी GHCL लि., सूत्रापाडा, गिर सोमनाथ (गुजरात) 362 275 Phone : 9099093080 email - <a href="mailto:rajeshtiwari@ghcl.co.in">rajeshtiwari@ghcl.co.in</a> , 22.01.2013 खनन अभियांत्रिकी स्नातक, 14 वर्ष

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24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	हाँ
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-377(19)/2021-22 MDRD(N)/GNR, दिनांक 08.02.2022 2022-23 से 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.	--
27	Mineral(s) granted in lease and proved for mining	चूनापत्थर
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	A
30	Captive/Non Captive	Captive

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

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	NIL	NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	--	G1- 60.712 हे.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserves as on 01.04.2023	1198631 टन	1237759 टन	मांग की कमी के कारण उत्पादन कम हुआ।
1f	General remarks of inspecting officer on geology, exploration etc.	पट्टाधारक द्वारा पूर्व में 04 Trench तथा 47 बोर होल लगाए गए हैं।		

**2.0 Development**

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of development w.r.t. lease area	Pit- GP-1, GP-2, GP-3, GP-4, GP-5, GP-6	Pit- GP-1, GP-2, GP-3, GP-4, GP-5, GP-6	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NIL	NIL	No significant Top soil/OB available in the area, hence no separate benches is required.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	No OB in the area.
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Overall layout of benches found in order.		

**3.0 Exploitation**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	06	06	
3b	Quantity of ROM mineral production proposed	100101 टन	60973 टन	Plant से मांग की कमी के कारण उत्पादन कम हुआ।

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3c	Recovery of saleable/usable mineral from ROM production	94095 टन	57629 टन	
3d	Quantity of mineral reject generation	6006 टन	3344 टन	
3e	Grade of mineral reject generation and threshold value declared	Undersize limestone < 30 मिमी.	Undersize limestone < 30 मिमी.	
3f	Quantity of sub-grade mineral generation	NIL	NIL	
3g	Grade of sub-grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	NIL	
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	
3k	Provision of mining machineries in mineral benches	Rock breaker, dumper combination	Rock breaker, dumper combination	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3.0 मी.	3.0 मी.	
3m	Total area covered under excavation/pits	35.5145 हे.	35.5145 हे.	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	पट्टा क्षेत्र में OB नहीं है।
3o	Total area put in use under different heads at the end of year	Mining: 35.5145 हे. Infrastructure: 0.2 हे. Roads: 2.3 हे.	Mining: 35.5145 हे. Infrastructure: 0.2 हे. Roads: 2.3 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 114313 टन 2019-20: 112113 टन 2020-21: 111314 टन 2021-22: 113904 टन 2022-23: 100101 टन	2018-19: 95553 टन 2019-20: 96910 टन 2020-21: 97295 टन 2021-22: 96421 टन 2022-23: 60973 टन	
3q	General remarks of inspecting officer on method of mining etc.	Rock breaker, dumper combination तरीके से निर्धारित लक्ष्य के अंदर कार्य किया गया है।		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	NIL	NIL	Area is free from OB.
4b	Location of topsoil, OB & mineral reject dumps	NIL	NIL	mineral reject को pit floor में एकत्र कर रखा गया है।
4c	Number of dumps within lease area and outside lease area	NIL	NIL	Area is free from OB.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	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	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dump	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	

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4k	Specific comments of inspecting officer	पट्टा क्षेत्र में OB, dump नहीं है।
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**5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NIL	NIL	
5d	Total area fully reclaimed & rehabilitated	NIL	16.913 हे.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Chemical grade चूनापत्थर के उत्खनन के बाद कुछ क्षेत्र में Undersize limestone को भर कर पौधारोपण किया गया है।		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	As per rule	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	0.25 हे. 200	0.25 हे. 385	
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	NIL	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	Within limit.
6f	General remarks of inspecting officer on PMCP compliance & progressive	पौधारोपण एवं फेंसिंग का लक्ष्य प्राप्त किया गया है।		

**7.0 Mineral Conservation**

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	>30 mm, +50% CaO, silica < 5.5%	>30 mm, +50% CaO, silica < 5.5%	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at	NIL	NIL	Undersize limestone

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	mines			<30 मिमी.
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	चूनापत्थर स्वयं के संयंत्र में Soda-ash बनाने के काम लिया जाता है।		

**8.0 Environment**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	NIL	NIL	Very thin layer of top soil present in lease area.
8b	Concurrent use or storage of topsoil	NIL	NIL	उत्पन्न top soil पौधारोपण के काम ली गयी है।
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	NIL	There is no dump in the area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	NIL	NIL	
8g	Survival rate	60%	66%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Very thin layer of Top soil occurred. The aesthetic environment of lease area is good.		

**9.0 Compliance of Rule 45**

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted up to- जून, 2023 का 07.07.2023 को A.R. submitted for the year 2022-23 on 19.06.2023	

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	श्री राजेश तिवारी, खनन अभियंता श्री बिमल कुबावत, भू वैज्ञानिक	श्री राजेश तिवारी, खनन अभियंता श्री बिमल कुबावत, भू वैज्ञानिक	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc	Opencast working: 10.162 हे. Roads & others: 2.5 हे.	Opencast working: 10.162 हे. Roads & others: 2.5 हे.	
9d	Scrutiny of Annual return on afforestation	385	385	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	3343 टन	3343 टन	
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	0.0	0.0	चूनापत्थर स्वयं के संयंत्र में काम

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				लिया जाता है।
9i	Scrutiny of Annual return on fixed assets	2100000.00	Seems in order.	
9k	Scrutiny of Annual return on mining machineries	Excavator, Truck, Air compressor	Excavator, Truck, Air compressor	

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

पिछले निरीक्षण दिनांक 10.03.2022 में कोई उल्लंघन नहीं पाया गया था। वर्तमान निरीक्षण स्टार रेटिंग जांच के लिए किया गया। दिनांक 12.10.2023 को स्टार रेटिंग मूल्यांकन कर दिया गया है। मूल्यांकन के पश्चात खान 4 स्टार में रही है। निरीक्षण के समय खनन कार्य होता हुआ नहीं पाया गया। वर्तमान निरीक्षण में कोई Significant उल्लंघन नहीं पाया गया।

गांधीनगर:

दिनांक:

( मनीष गुप्ता )

सहायक खान नियंत्रक