

MCDR INSPECTION REPORT1.0 **GENERAL**

S.No	Particulars	Details
1(a)	Name of the Mine	भांडूरी चूनापत्थर खान
1(b)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	सुश्री खुशबू, भू-वैज्ञानिक
1(d)	Type of Inspection	स्टार रेटिंग
1(e)	Date of Inspection	06.12.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	24.2811 हे. (Non Forest)
3	Mine Code	38GUJ08021
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. (पूर्व में अजमेरा सीमेंट) सूत्रापाडा, गिर सोमनाथ (गुजरात) 362 275 Phone : 02870-281482, 281483, Email - mining@ghcl.co.in
6	Village	भांडूरी
7	Taluka/Mandal	मालिया हटीना
8	District	जूनागढ़
9	Pincode	362248
10	State	गुजरात
11	Post office	मालिया हटीना
12	Nearest police station	मालिया हटीना
13	Nearest Railway station	मालिया हटीना
14	Date of Grant of Mining Lease	27.05.1985
15	Date of Execution	27.05.1985 (26.05.2035 तक वैध)
16	Date of opening of Mine	01.06.1985
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 : 9811121750 email - r Chopra@ghcl.co.in , 01.05.2023 से
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 - manishkumar@ghcl.co.in , 01.05.2023 से
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	--
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	--
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	--
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in	684(4)(1)/MP-288/2020-21MDRD(N)/GNR, दिनांक 04.12.2020

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	approval letter, if any.	Nov2020-21 से 2024-25
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- 24.2811 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	366348 टन	376229 टन	
1f	General remarks of inspecting officer on geology, exploration etc.	वर्ष 2022-23 के लिए पूर्वक्षण प्रस्ताव नहीं हैं। पूर्व में 03 Trench लगाई गयी हैं।		

2.0 Development

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of development w.r.t. lease area	Pit- 01	Pit- 01	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
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	01	01	
3b	Quantity of ROM mineral production proposed	5000 टन	119 टन	Plant पुराना होने के कारण उत्पादन कम किया गया।
3c	Recovery of saleable/usable mineral from ROM production	5000 टन	119 टन	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
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	NIL	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade	NIL	NIL	

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	mineral and reject			
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	
3k	Provision of mining machineries in mineral benches	Yes	Yes	Excavator with Rock breaker, dumper combination.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6.0 मी.	5.0 मी.	
3m	Total area covered under excavation/pits	4.36 हे.	3.04 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: 4.36 हे.	Mining: 3.04 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 5000 टन 2019-20: 5000 टन 2020-21: 5000 टन 2021-22: 5000 टन 2022-23: 5000 टन	2018-19: 70 टन 2019-20: -- 2020-21: -- 2021-22: 100 टन 2022-23: 119 टन	
3q	General remarks of inspecting officer on method of mining etc.	Rock breaker, dumper combination तरीके से निर्धारित लक्ष्य से कम 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	
4b	Location of topsoil, OB & mineral reject dumps	NIL	NIL	
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	
4k	Specific comments of inspecting officer	पट्टा क्षेत्र में OB, dump नहीं है।		

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	NIL	

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5e	General remarks of inspecting officer on backfilling, reclamation etc	खान Backfilling के लिए Mature नहीं है तथा Filling material उपलब्ध नहीं है।
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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 on 21.06.2023	
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	0.1 हे. 20 20 मी.	0.1 हे. 20 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	NIL	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	निर्धारित Fencing नहीं करने के कारण दिनांक 24.01.2024 को नियम 11(1) का उल्लंघन जारी 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	NIL	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	NIL	
7c	Different grade of mineral sorted out at mines	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	पूर्ण ROM स्वयं के संयंत्र में काम लिए जाने का प्रस्ताव 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।

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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	80%	80%	
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 satisfactory.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted up to- दिसम्बर, 2023 का 02.01.24 को A.R. submitted for the year 2022-23 on 21.06.23	

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	--	--	खनन कार्य अस्थाई रूप से बंद है।
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc	Opencast working: 3.04 हे.	Opencast working: 3.04 हे.	
9d	Scrutiny of Annual return on afforestation	20	20	
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	366.39 टन	366.39 टन	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production: 235.00	Cost of production: 235.00	उचित प्रतीत होती है।
9i	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	खनन कार्य अस्थाई रूप से बंद है।

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

यह खनन पट्टा पूर्व में अजमेरा सीमेंट के पास था, दिनांक 16.02.2023 को यह GHCL को स्थानांतरित हो गया है। दिनांक 11.03.2023 को निर्धारित प्रपत्र में इसकी सूचना दी गई है। संयंत्र पुराना होने के कारण अजमेरा सीमेंट के द्वारा कम कार्य किया गया है। पिछले निरीक्षण दिनांक 13.03.2022 में कोई उल्लंघन नहीं पाया गया था। वर्तमान निरीक्षण स्टार रेटिंग जांच के लिए किया गया। दिनांक 21.02.2023 को स्टार रेटिंग मूल्यांकन कर दिया गया है। मूल्यांकन के पश्चात खान 4 स्टार में रही है। खनन कार्य अस्थाई रूप से बंद है, निरीक्षण के समय खनन कार्य होता हुआ नहीं पाया गया। वर्तमान निरीक्षण में नियम संख्या 11(1) का उल्लंघन पाया गया। दिनांक 24.01.2024 को उल्लंघन पत्र जारी किया गया है।

गांधीनगर:

दिनांक:

(मनीष गुप्ता)

सहायक खान नियंत्रक

भारतीय खान ब्यूरो