

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Bhanduri 481 Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Mohammad Nimar, DCOM
1(c)	Accompanying Mines Representatives	Ms. Khushboo
1(d)	Type of Inspection	Mining plan, Star Rating, MCDR
1(e)	Date of Inspection	19/09/2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	24.2811
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	GHCL Ltd. Sutrapada, 9099061556, mining@ghcl.co.in
6	Village	Bhanduri
7	Taluka/Mandal	Maliya Hatina
8	District	Junagadh
9	Pin code	362248
10	State	Gujarat
11	Post office	Maliya Hatina
12	Nearest police station	Maliya Hatina
13	Nearest Railway station	Maliya Hatina
14	Date of Grant of Mining Lease	27/05/1985
15	Date of Execution	27/05/1985 up to 26/05/2035
16	Date of opening of Mine	
17	Date of first Renewal, if applicable and its period & expiry	26/05/2005
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	Lease extended up to 26/05/2035 vide letter dated 14/06/2017
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Raman Chopra, B-38 Institutional Area, Sector 1, Noida, 9811121750, 01/05/2023
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Manish Kumar, Sanjay Nagar, Sutrapada, 9328849666
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	Not appointed due to non- working. Notice of discontinuance submitted to this office on 05-08-2022 w.e.f. 01-08-2022
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/ Review of Mine Plan with five-year period and specific condition in approval letter, if any.	ROMP/288/2020-21 Approval Date: 04/12/2020, Period - From 2020-21 to 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.	MOMP Approval Date: 04/12/2020, Period - From 2020-21 to 2024-25 Given in Review of Mining plan.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast

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 (2023-24)	Remarks
1a	Backlog of previous year	6 Boreholes with meterage of 120 meter were proposed during 2020-21	24 boreholes with 86.50 meter done during 203-24	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	G1- 24.2811 Ha	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	51900/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2024	111: 376129 MT	111: 376348 MT	Cement grade
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area has been explored in G1 level. SCN for wrong reporting of exploration data is being issued.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Three pits were proposed for excavation. Pit-1, Pit-2 & Pit-3	No work done Old Pit co-ordinates- N21.0975280,E70.2786264	Due to local disturbances and lack of plant requirement there was no production in the FY 2023-24.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	1 Bench in Mineral	No work done	
2c	Stripping ratio or ore to OB ratio	Not proposed	Not Applicable	
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.	No Development work carried out.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	3 Pits	Old Pit co-ordinates- N21.0945217,E70.2806051	Due to lack of plant requirement there was no production in the FY 2023-24.
3b	Quantity of ROM mineral production proposed	5000 MT	0	
3c	Recovery of saleable/usable mineral from ROM production	5000 MT	0	
3d	Quantity of mineral reject generation	0	0	
3e	Grade of mineral reject generation and threshold value declared	0	0	
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 of beneficiation study proposed & carried out for sub-grade mineral and reject	No	No		
3j	Provision of drilling & blasting in mineral benches	No	No		
3k	Provision of mining machineries in mineral benches	Rock Breaker, Hydraulic excavator and dumpers	No work carried out.		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes		
3m	Total area covered under excavation/pits	0.11 Ha.	Nil		
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil		
3o	Total area put in use under different heads at the end of year	5.44 Ha.	4.664 Ha.		
3p	Production of ROM mineral during last five-year period, as applicable	2020-21	5000	2020-21	0
		2021-22	5000	2021-22	100
		2022-23	5000	2022-23	119
		2023-24	5000	2023-24	0
3q	General remarks of inspecting officer on method of mining etc.	No production & dispatch carried out due lack of plant requirement.			

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	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 stabilised	Not proposed	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Not Applicable	
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 towards solid waste dumping carried out as no proposal was there.		

5.0 Solid Waste Management-Backfilling

S N	Item	Proposals (2023-24)	Actual work (2023-24)	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	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 towards solid waste Backfilling carried out as no proposal was there.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	As per Rule before 30-06-2024	Submitted along with annual Return on 11-06-2024	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	Not proposed	Not Applicable	
	ii) Afforestation done (ha)	0.001	0.001	
	iii) No. of saplings planted during the year	20	20	
	iv) Cumulative no. of plants	80	80	
	v) Any other specific method of rehabilitation	No proposal	Not Done	
	vi) Cost incurred on watch & care during the year	25000	26000	
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	Not Applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not proposed	Not Applicable	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Through outside agency	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP works carried out as per proposal. Environmental monitoring reports are within statutory limit.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	5000 MT	Not Done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Not Done	
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	No production and dispatch activities carried out.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	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)	Not proposed	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	80	80	
8g	Survival rate	80	80	
8h	Water sprinkling on roads to control airborne dust	Yes	As per proposal	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Mine is surrounded by nearby villages. No environment issue found.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	Monthly Returns up to Oct'24 Submitted within stipulated time period. A.R. 2023-24 submitted on 11-06-2024	

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	Not given	Nil, Not appointed due to non-working. Notice of discontinuance submitted to this office on 05-08-2022 w.e.f. 01-08-2022	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 4.360, Occupied by plant, buildings, residential, welfare buildings and roads 0.384, Used for Plantation 0.100, Work done under progressive mine closure plan during the year 0.100	Covered under current (O-C) Workings 4.360, Occupied by plant, buildings, residential, welfare buildings and roads 0.384, Used for Plantation 0.100, Work done under progressive mine closure plan during the year 0.100	
9d	Scrutiny of Annual return on afforestation	20	20	
9e	Scrutiny of Annual return on mineral reject generation	Nil	Nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	366.390 MT	366.390 MT
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Nil
9i	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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

- a) Previous year violation under Rule 11(1) was pointed out, which has been complied.
- b) During this year Violation under Regulation 45(5)© in Annual return 2023-24 Drilling of 6 boreholes with 35 meters is reported however at the time of inspection it is found that 24 boreholes with 86.50 meters found. SCN is being issued.
- c) Drone data for the 2023-24 was checked and found as per SOPs. Hence processed on DDMS portal.

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