

MCDR REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Sutrapada "C" Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Darshan Deep Bhardwaj, Senior Asst. Controller of Mines
1(c)	Accompanying Mines Representatives	Mr. R.K. Pathak, Geologist
1(d)	Type of Inspection	Star Rating
1(e)	Date of Inspection	21.06.2021 , F.N
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	71.4019Ha Non forest land
3	Mine code	38GUJ08272
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, Village -Sutrapada,Taluka-Sutrapada,Distt-Gir Somnath - 362275,rkpathak@ghcl.co.in , Fax no- 263480
6	Village	Sutrapada
7	Taluka/Mandal	Sutrapada
8	District	Gir-Somnath
9	Pincode	362275
10	State	Gujarat
11	Post office	Sutrapada
12	Nearest police station	Sutraoada
13	Nearest Railway station	Somnath
14	Date of Grant of Mining Lease	30.09.1996
15	Date of Execution	18.06.1998

16	Date of opening of Mine	8.07.2000
17	Date of first Renewal, if applicable and its period & expiry	NA
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	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sri Raman Chopra B-38, Institutional area, Sector-1, Noida-201301(U.P.) rchopra@ghcl.co.in ,7.05.2012
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sri Manish Kumar , GHCL Ltd, Sutrapada .932884966 ,02876263480 , 1.02.2014.
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri Ashwani Kumar, GHCL LTD ,Sutrapada ,9099061556 ,1.10.2014

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Ashwani Kumar, B.E(Mining) , 23 years,GHCL LTD ,Sutrapada ,9099061556 ,1.10.2014
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	YES
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval	1.05.1996 , No any specific Condition.

	letter, if any.	
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	12.02.2013 , No any specific Condition.
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)	Manual
30	Captive/Non Captive	Captive

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

Exploration

SN	Item	Proposals (2020-2021)	Actual work (2020-2021)	Remarks
1a	Backlog of previous year	No Backlog	No Backlog	The area is already explored and its chemical grade limestone has been exhausted.
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	Not done	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No balance area	No balance area	
1e	Balance reserves as on 01.04.2021	OMT	OMT	
1f	General remarks of inspecting officer on geology, exploration etc.	The area is already explored and its chemical grade limestone has been exhausted.		

2.0 Development

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
2a	Location of development w.r.t. lease area	No Proposal	No Proposal	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	No Proposal	
2c	Stripping ratio or ore to OB ratio	No OB	No OB	
2d	Quantity of topsoil generation in m3	No topsoil generation	No topsoil generation	
2e	Quantity of overburden generation in m3	No OB	No OB	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The area is devoid of any OB as the limestone is outcropping in nature in this area.		

3.0 Exploitation ; - FMCP Approved so no proposal.

SN	Item			
3a	Number of pits proposed for production	No Proposal	Not Applicable	
3b	Quantity of ROM mineral production proposed	No Proposal	Not applicable	
3c	Recovery of salable/usable mineral from ROM production	No Proposal	Not applicable	
3d	Quantity of mineral reject generation	No Proposal	Not applicable	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Not applicable	
3f	Quantity of sub-grade mineral generation	No Proposal	Not Applicable	
3g	Grade of sub-grade mineral	No Proposal	Not Applicable	

	generation			
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Not applicable	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	No Proposal	Not applicable	
3k	Provision of mining machineries in mineral benches	No Proposal	Not applicable	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	Not applicable	
3m	Total area covered under excavation/pits	No Proposal	Not Applicable	
3n	Ore to OB ratio for the pit/mine during the year	No Proposal	Not Applicable	
3o	Total area put in use under different heads at the end of year	No Proposal	Not Applicable	
3p	Production of ROM mineral during last five-year period, as applicable	16-17- 44944MT 17-18-44944 MT 18-19-36000MT 19-20-34747.5MT 20-21-No Proposal,FMCP approved.	16-17- 30914MT 17-18-27214 MT 18-19-30956MT 19-20-33543MT 20-21-No Production.	

3q	General remarks of inspecting officer on method of mining etc.	The mining operation were undertaken by using rock breaker.
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4.0 Solid Waste Management-Dumping NA

SN	Item			
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Nil	Nil	There is no generation of topsoil and hence not applicable
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	
4c	Number of dumps within lease area and outside lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	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	There is no generation of solid waste in the mines as the limestone is outcropping.		

5.0 Solid Waste Management-Backfilling

SN	Item			
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Reclamation done after full extraction of mineral from mined out area.	
5b	Area under backfilling of mined out area	No Proposal	46.5819Ha area reclaimed.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Concurrent use of topsoil for plantation.	Concurrent use of topsoil for plantation.s	
5d	Total area fully reclaimed & rehabilitated	No Proposal	51.5676Ha	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mined out area is being reclaimed by plantation and agriculture is being practiced.		

6.0 Progressive Mine Closure Plan :- FMCP Approved.

SN	Item			
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.	No proposal of PMCP as FMCP has been approved.		
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	No Proposal	NA	

	v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year			
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 (Fencing)	No Proposal	NA	
6d	Compliance of Rehabilitation of waste land within lease (as given in FMCP) i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 300 ii) 1.125 ha iii) 250m fencing	i) 300 ii) 1.125 ha iii) 250m fencing	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	As per Proposal.	.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Yes PMCP Report is submitted as per Schedule		

7.0 Mineral Conservation

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
7a	ROM Mineral dispatch or	No Proposal	Not	

	grade-wise sorting within lease area		applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Not applicable.	
7c	Different grade of mineral sorted out at mines	No Proposal	NA	
7d	Any beneficiation process at mines	No Proposal	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The manual sorting was practiced and now mine is under preparation of FMCP work.		

8.0 Environment

SN	Item	Proposals (2020-21)	Actual work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Removal & concurrent use of Top Soil	Removal & concurrent use of Top Soil	
8b	Concurrent use or storage of topsoil	Concurrent Use of Top Soil.	Concurrent Use of Top Soil.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	NA	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed as in FMCP.	Done as per proposals in FMCP.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41) as given in FMCP	No of Plants- 300	Planted-300	
8g	Survival rate	60%	50%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling done to control airborne dust,	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The area is having beautiful landscape and the agriculture is being practiced around the lease area.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Annual & Monthly submitted regularly on time.	

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Found in order	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Scrutiny of Annual return on afforestation	Yes	Found in order	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Yes	Found in order	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes	Found in order	
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order	
9k	Scrutiny of Annual return on mining machineries	Yes	Found in order	

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

During inspection violation of 21(2) and 31(4) observed and sent to lessee for rectification of same within stipulated time.

Darshan Deep Bhardwaj
Senior Asst. Controller of Mines
