

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Bhod Limestone Mine (16.18Ha)
1(b)	Name of Inspecting officer & Designation	G. Ram, DCOM
1(c)	Accomp.official	Sh. Bharat Bhai , Lessee Representative
1(d)	Date & Type of Inspection	14.5.2022 AN & Star Rating
2	Total Lease Area (Ha), Non-forest & forest land	16.18Hect. (Non-Forest) Survey No. 358/3P
3	Mine code	38GUJ08027
4	IBM Registration Number under rule 45	IBM/6634/2011
5	Name of the lessee, Address, phone, email, fax	Sh.Ashok Babulal Sindhav, Office-Hari Bhavan, S.T. Road, Porbandar-362255, sham_bapodra@yahoo.co.in
6	Village	Bhod
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360575
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	22.10.1973,
15	Date of Execution	18.4.1974, Expiry-17.4.2024
16	Date of opening of Mine	1974
17	Date of first Renewal, if applicable & expiry	NA,
18	Date of second Renewal, if applicable & expiry	NA,
19	Date of submission of renewal application if Mining are continuing under deemed extension	NA,
20	Name of the Nominated Owner with Address, phone, email, fax & appointment	Sh.Ashok Babulal Sindhav, Office-Hari Bhavan, S.T. Road, Porbandar-362255, sham_bapodra@yahoo.co.in
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh.Ashok Babulal Sindhav, Office-Hari Bhavan, S.T. Road, Porbandar-362255, sham_bapodra@yahoo.co.in
22	Name of the Mines Manager, Address, phone, email, fax and date of appointment in mines	NA, Mine is not working due to EC/NGT order. Hence not appointed
23	Name of the ME, Qualification, Exp. with Address, phone, email, fax date of appointment in mine	NA, Mine is not working due to EC/NGT order. Hence not appointed
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule & carrying out their duties	Yes, Sh.Rohit R Jadav, MSc (Geology)
25	Date of Approval of MP/MMP with five-year period and specific condition in approval letter	Letter No. 682(23)/77/99-MCCN (N) UDP Dated 10/8/2000.
26	Date of Approval of SOM with five-year period and specific condition in approval letter, if any.	Letter No. 684(4)(1)/MP-306/2020-21-GNR-MDRD (N) GNR Dated 27/1/2021 for 2021-22 to 17.4.2024
27	Mineral(s) granted in ML proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast.
29	Category (Fully Mechanised, Others or Manual)	A-Category
30	Captive/Non Captive	Non-Captive

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

1.0 Exploration

SN	Item	Proposals (2021-22)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not done	
1b	Exploration over lease area for G-axis 1 or 2.			
1c	Exploration Agency & Exp. in lakh Rupee in previous years.	--	--	
1d	Balance area to be explored to bring Geological axis in 1 or 2	The ML area is explored by way of existing pits, core drilling. The entire lease area is G1 level. G1-16.18Ha		
1e	Balance reserves as on 01.4.2017	3.116862millionT (111,121&122) & remaining resources (0.372468millionT) as per approved RMP dated 27.1.2021		
1f	General remarks of inspecting officer on geology, exploration etc.	The ML area is explored by way of existing pits, borehole. The entire lease area is G1/G2 level of exploration.		

2.0 Development

SN	Item	Proposals (2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work as earmarked in plate No 3A	Not done	Mine is not working due to EC/NGT order.
2b	Separate benches in topsoil, overburden and mineral	It is proposed to removing the topsoil separately, if any.	Topsoil is removing seperately.	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation (m3)	Not proposed	Not generated	
2e	Quantity of OB generation (m3)	Not Proposed for the year	NIL	
2f	Remarks of I/O on development of pit w.r.t. type of deposit etc.	The ML area is developed by way of existing pits & entire ROM is saleable either in Cement /Chemical industries.		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work	Remarks
3a	Number of pits proposed	Pit-1A,1C & 2A	Not done	Discontinued Notice (Form-D1) is not submitted. VL pointed out.
3b	Quantity of ROM proposed	539525T	0T	
3c	Recovery of salable/usable mineral from ROM production	539525T	0T	
3d	Quantity of mineral reject proposed	Not Proposed	0T	
3e	Grade of mineral reject generation and threshold value declared	Above THV & below cut-off grade	Entire ROM is utilised,	No subgrade/ Mineral rejects generated.
3f	Quantity of sub-grade mineral	Not Proposed	Entire ROM is utilised,	
3g	Grade of sub-grade mineral	Not Proposed	Entire ROM is utilised,	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method of mining proposed.	Mechanised method of mining	NIL
3i	Any analysis or beneficiation study proposed & carried out	Not Proposed any beneficiation.	Presently not requires any beneficiation study.	
3j	Provision of drilling & blasting in mineral benches	As and when required	NA	
3k	Provision of mining m/c in mineral benches	Excavator/JCB & Tipper combination proposed.	Excavator/JCB & Tipper combination	
3l	Whether height of benches in OB and mineral suitable for method	Bench height-6m& width more than height	>6m bench height of irregular shape & width	
3m	Total area covered under excavation/pits		About 12.72Ha Pits & 0.2 Road	Excess ROM done & VL pointed out. Discontinued Notice (Form-D1) is not submitted.
3n	Ore to OB ratio for the pit/mine	1:0.0	1:0.0	
3o	Total area put in use under different heads at the end of year	It was proposed to work in 1.1Ha in plan period.	About 12.72Ha Pits & 0.29 Road	
3p	Production of ROM mineral during last five-year period, as applicable	2017-18- 150005T 2018-19- 150011T 2019-20- 150005T 2020-21-150002T 2021-22-539525T	2017-18- 130115.66T 2018-19 -169800T 2019-20-139000T 2020-21-163500T 2021-22-0T	
3q	General remarks of inspecting officer on method of mining etc.	Mechanised Opencast method, Excavator/JCB/loader with tipper/trailer combination.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed, since area of devoid of OB /waste in present plan period.	NIL, Not generated	Since ML area is devoid of OB/waste.
4b	Location of topsoil, OB & reject			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. UPL			
4e	Number of active & alive dumps			
4f	Number of dead dumps			
4g	Number of dumps stabilised			
4h	Retaining wall garland drain			
4i	Length of Retaining wall garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer			

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2021-22)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed since area is devoid of OB/Waste.	ML area is devoid of OB/ waste & UPL is not attained. hence not proposed	No O/B is proposed & generated.
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc	There are no OB/Waste generation. Hence no backfilling & reclamation proposed & not carried out. UPL is not attained presently.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2021-22)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly	Annual reported on PMCP is required to be submitted with in stipulated time.	Submitted on....	NIL
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			
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 etc.			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of I/O on PMCP compliance & progressive mine closure.			

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	539525T	0T	Discontinued Notice (Form-D1) is not submitted. VL pointed out.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual /Mechanised	Manual /Mech.	
7c	Different grade of mineral sorted out	Chemical/Cement grade	Chemical/Cement	
7d	Any beneficiation process at mines	Not Proposed	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Entire ROM is utilised by proper sizing & sorting, blending as per buyers requirement. No beneficiation study is requires.		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Not proposed	Not generated.	
8b	Concurrent use or storage of topsoil	Not proposed	Not done	
8c	Separate dumps for overburden, waste rock, rejects and fines	ML area is devoid of OB/Waste	No OB/waste generated	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring land to its original	No proposal for restore land in original use	Not done	
8e	Phased restoration, reclamation rehabilitation of lands affected	ML area is devoid of OB/Waste	No OB/waste generated	
8f	Baseline information on existence of plantation & additional plantation done	Plantation proposed- 50sapling/ year	50Nos/Year	
8g	Survival rate	Not proposed	Poor survival	
8h	Water sprinkling on roads to control airborne dust	Proposal for supress air borne duct	Water sprinkling done reported.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines.	The aesthetic beauty of area in & around mines are degraded mine pit/land of irregular bench height & width due to mining activities etc.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks	
	Status of submission of Online Monthly and Annual returns	M.R. & A.R. 2020-21 is submitted online.		
S.N	Item		Observations	Remarks
9b	Scrutiny of Annual return for information on ME, Geologist and Manager	Not appointed & presently mine is not working due to EC/NGT/State order.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in returns	Scrutiny of AR-2020-21 done & pointed out.	Violation under rule 45(7) pointed out.
9d	Scrutiny of Annual return on forestation	Details furnished in returns		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Details furnished in returns		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details furnished in returns		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Details furnished in returns		
9i	Scrutiny of Annual return on fixed assets	Details furnished in returns		
9k	Scrutiny of Annual return on mining machineries	Details furnished in returns		

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Presently mine was inspected for Star Rating inspection & violation under provision of Rules 11(1) & 27(1) & 27(2),28(1),45(5)(b), 45(7) of MCDR,2017 pointed out for rectification. Further validation of Star Rating done online & copy enclosed herewith.
