

**MCDR INSPECTION REPORT**

**1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	Rabarika Lst Mines, Sy. No.-338P- Area-4.0Ha
1(b)	Name of Inspecting officer	Sh. G Ram, DCOM
1(c)	Date of Inspection & Type	03/3/2023 & MCDR
1(d)	Accompanying officer	Sh. Deepak bhai bhannu bhai , lessee rep.
2	Total Lease Area (Ha) Non-forest and forest land	ML Area: 4.0ha Survey Nos.: 338P
3	Mine code	38GUJ13004
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/29542/2019
5	Name of the lessee, Address, phone, email and fax number	Natwarlal Bavanjibhai Vaghasiya, Shri Harikrupa Anand Nagar, Jetpur , District-Rajkot, Gujarat-360370
6	Village	Rabarika
7	Taluka/Mandal	Jetpur
8	District	Rajkot
9	Pin code	360370
10	State	Gujarat
11	Post office	Jetpur
12	Nearest police station	Jetpur
13	Nearest Railway station	Jetpur
14	Date of Grant of Mining Lease	12.2.2008
15	Date of Execution	12.2.2008 Expiry-11.2.2058 As per MMDR Act 2015
16	Date of opening of Mine	--
17	Date of first Renewal, if applicable, its period & expiry	NA
18	Date of 2nd Renewal, if applicable 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	Natwarlal Bavanjibhai Vaghasiya, At-Rabarika, taluka-Jetpur , District-Rajkot, Gujarat-360370
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Natwarlal Bavanjibhai Vaghasiya, At-Rabarika, taluka-Jetpur , District-Rajkot, Gujarat-360370
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	--
23	Name of the ME, Qualification and total experience with Address, phone, email, fax and date of appointment	Chavda Vishal Kumar,
24	Whether Geologist & ME appointed in mines satisfy the rule 42 & carrying out their duties as per rule	NA-Mine workings discontinued wef May22 but notice in form-D1 is not submitted.
25	Date of Approval of MP/MMP with five-year period and specific condition in approval letter, if any.	682(23)554/2007/Khanij Khas (U) UDP Dated-13/12/2007
26	Date of Approval of RMP/MMP with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-262/2019-20/MDRD(U)/GNR Dated-13.1.2020 for 2019-20 to 2021-22.
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast Mining
29	Category (Fully Mechanised, Others or Manual)	A-Mechanised
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	04 Core borehole 25m each as earmarked in page-15 for 2020-21 and 2021-22	Violation under provision of rule 11(1) pointed out.	
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves (Million Tonnes) as on 13.1.2020	Reserves-215603T & Remaining resources-297368T as on 13.01.2020 as per approved RMP.		
1f	General remarks of inspecting officer on geology, exploration etc.	NIL		

### 2.0 Development

SN	Item	Proposals 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit No.1 as earmarked in plate No.5C	Partly done due to lagging	Mine workings discontinued wef May22 but notice in form-D1 is not submitted.
2b	Separate benches in topsoil, overburden and mineral	Proposed for removing topsoil separately	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation in m3	Not proposed	NIL	
2e	Quantity of OB generation in m3	Not proposed	NIL	
2f	General remarks of IO on development of pit w.r.t. type of deposit etc.	Lessee has been carried out the workings in old mine pits developed of irregular size & shape.		

### 3.0 Exploitation

SN	Item	Proposals 2021-22	Actual work	Remarks
3a	Number of pits proposed for production	Pit No.1	Pit No.1 partly done	Legging in ROM & partly done
3b	Quantity of ROM mineral production proposed	156629T	76629.37T	
3c	Recovery of saleable/usable mineral from ROM production	156629T	76629.37T	
3d	Quantity of mineral reject generation	Not proposed	NIL	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	NIL	
3f	Quantity of sub-grade mineral generation	Not proposed	NIL	
3g	Grade of sub-grade mineral generation	Not proposed	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Mech.	Mech.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NIL	
3j	Provision of drilling & blasting in mineral benches	Not proposed	NIL	
3k	Provision of mining machineries in mineral benches	Excavator/JCB/Rockbreaker/tipper	Excavator/JCB/Rockbreaker/tipper	
3l	Whether height of benches in OB and mineral suitable for method of mining proposed in MP/SOM	No OB proposed & suitable	Avg.depth 3-5m	
3m	Total area covered under excavation/pits	2.49Ha proposed in plan period	About 1.25ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	
3o	Total area put in use under different heads at the end of year	---	About-0.96Ha, Road-0.2Ha,	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19- NA 2019-20- 23827T 2020-21- 28409T 2021-22-156996T 2022-23-NA	2018-19- NA 2019-20- NA 2020-21- 31788.02T 2021-22-76629.37T 2022-23-1310T(Till date)	Mine workings discontinued wef May22 but notice in form-D1 is not submitted.
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is mechanised opencast method with shovel/tipper 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	NIL	The area is devoid of OB/waste & not generated presently.
4b	Location of topsoil, OB & mineral reject dumps	Not proposed,	NIL	
4c	Number of dumps within lease area and outside lease area	Not Proposed	NIL	
4d	Location of dumps w.r.t. ultimate pit limit	No Proposal	NA	

4e	Number of active & alive dumps	Not Proposed	NA	
4f	Number of dead dumps	Not Proposed	NA	
4g	Number of dumps stabilised	Not Proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific comments of inspecting officer	The area is appears to be devoid of OB/waste & not generated presently.		

#### 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	156996T	76629.37T	The area is devoid of OB/waste & not generated presently.
5b	Area under backfilling of mined out area	Not Proposed	NIL	
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 in present plan period.		

#### 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	Proposed to submit within time limit.	Not submitted.	VL under rule 26(2) pointed out.  Survival less due to scarcity of water
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	0.01Ha grassing/ 50plants  156No/0.062Ha in SBZ 84m fencing	NIL  150  0.05Ha	
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	NIL	
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)	Proposed	Third party monitoring done	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Lessee has been done plantation in lease area but annual PMCP report is not submitted & violation pointed out.		

#### 7.0 Mineral Conservation

SN	Item	Proposals 2021-22	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	2021-22=156996T 2022-23=NIL (Till)	2021-22=76629T 2022-23=1310 (Till)	Logging in ROM & partly done
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	NIL	
7c	Different grade of mineral sorted out at mines	Not proposed	NIL	
7d	Any beneficiation process at mines	NIL	NIL	

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine workings is discontinued due to want of statutory clearance & No beneficiation requires presently.
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### 8.0 Environment

SN	Item	Proposals 2021-22	Actual work	Remarks
8a	Separate removal, utilization of topsoil	Not proposed	NIL	
8b	Concurrent use or storage of topsoil	Not proposed	NIL	
8c	Separate dumps for OB, waste rock, rejects and fines	No proposal	NIL	
8d	Use of OB, waste rock, rejects and fines dumps for restoring the land to its original use.	No proposal	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations.	No proposal	NIL	
8f	Baseline information on existence of plantation & additional plantation done	No proposal	NIL	
8g	Survival rate	No proposal	NIL	
8h	Water sprinkling on roads to control airborne dust	No proposal	NIL	
8i	General remarks of I/o on aesthetic beauty in and around mines are	Aesthetic beauty of area is degraded mine workings & scanty of natural grown bushes & shrubs existed & observed.		

### 9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks	
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date – Before 10 <sup>th</sup> of every month & A.R.2021-22 submitted on- 08.6.2022		
S.N.	Item	Details GIVEN in A.R. ( 2021-22) Observation of I/Officer /Actual reported in Returns	Remarks	
9b	Scrutiny of Annual return for information on ME,Geologist Manager	Not appointed, presently mine is not working due to statutory clearance.	Mine is not working wef May,22 but notice in form D1 is not submitted. VL pointed out.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details furnished in return		As per Given in AR
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - Presently mine was inspected for star rating of mine and during inspection boundary of lease pillars were not available/erected & maintained as per statutes. Violation under provision of Rules 11(1), 11(4), 26(2), 28(1), 33, 34A, observed & pointed out & star rating validation (3) done.