

**MCDR INSPECTION REPORT**

I/13747/2023

**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Aniyari Limestone Mine
1 (b)	Name of Inspecting officer & Designation	Snehalkumar Patel, AME
1 (c)	Accompanying Mines Representatives	Sh. Keshavala Harbham Bhara
1 (d)	Type of Inspection	MCDR/Star Rating
1 (e)	Date of Inspection	18.03.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	03.2375 Hectare
3	Mine code	38GUJ08020
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/23215/2021
5	Name of the lessee, Address, phone, email and fax number	Shri Keshavala Harbhama Bhara Nageshwar Park, Natinal Highway Road, Ranavav- Porbandar Mo No. 9925342642 jkmshivshakti@gmail.com
6	Village	Aniyari
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360575
10	State	Gujarat
11	Post office	Aniyari
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	30.04.1982
15	Date of Execution	25.10.1982
16	Date of opening of Mine	01.12.2022
17	Date of first Renewal, if applicable and its period & expiry	06.03.2020-Deemed renewed
18	Date of second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Letter No. MCR/1581(K-78)582/CHH Dated- 06.03.2020 extended till 24.10.2032
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Keshavala Harbhama Bhara Nageshwar Park, Natinal Highway Road, Ranavav- Porbandar Mo No. 9925342642 jkmshivshakti@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Ramesh Keshavala
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sh. Shailesh Kumar Dave BE Mining Date of appointment in mines - 01-12-2022 Jalaram Colony, Porbandar <a href="mailto:dsvminingengineer@gmail.com">dsvminingengineer@gmail.com</a> Mo No.7567736799
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Shailesh Kumar Dave BE Mining Date of appointment in mines - 01-12-2022 Jalaram Colony, Porbandar <a href="mailto:dsvminingengineer@gmail.com">dsvminingengineer@gmail.com</a> Mo No.7567736799
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(740)/97-MCCM(N)UDP, Dated 29-10-1997 682(23)(MS)186/2003-MCCM(N)UDP, Dated 30-05-2003

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		684(4)(1)/MP-274/2020-21/GNR Dated 06.10.2020
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan No. 684(4)(1)/MP-387(274)/2021-22-21/GNR Dated 25-02-2022 period from 2022-23 to 2026-27
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Mechanised.
30	Captive/Non-Captive	Non-Captive

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

**Exploration**

SN	Item	Proposals 2021-22	Actual work	Remarks
1a	Backlog of previous year	Nil	NA	NA
1b	Exploration over lease area for Geological axis 1 or 2.	06 Bore holes to bring the entire area under G1.	Lessee has been done core borehole in past to confirm ascertain of mineral potential.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Sh. Keshavala Harbham Bhara		
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil		
1e	Balance reserves as on 01.04.2022	Proved Mineral Reserve (111) – 442040 ton. Remaining Resources (221) – 153962 ton.	Proved Mineral Reserve (111) – 442040 ton. Remaining Resources (221) – 153962 ton.	NA
1f	General remarks of inspecting officer on geology, exploration etc.	The lease area is developed by open pit & core drilling done in previous year & further exploration proposed in depth wise.		

**2.0 Development**

SN	Item	Proposals 2021-22	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit-1	Pit-1	---
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	There was no such proposal due to Limestone is outcropping in nature, Hence no soil or OB proposed.	As per plan	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	---
2d	Quantity of topsoil generation in m3	Nil	NA	---
2e	Quantity of overburden generation in m3	Nil	NA	---
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Satisfactory.		

**3.0 Exploitation**

SN	Item	Proposals 2021-22	Actual work	Remarks
3a	Number of pits proposed for production	One	Nil	
3b	Quantity of ROM mineral production proposed	1,50,000 tonnes	Nil	
3c	Recovery of salable/usable mineral from ROM production	Nil	NIL	
3d	Quantity of mineral reject generation	0	0	

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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	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	NA	
3j	Provision of drilling & blasting in mineral benches	No	NA	
3k	Provision of mining machineries in mineral benches	Yes	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil	
3m	Total area covered under excavation/pits	0.116 Ha,	Approx. 0.2 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	
3o	Total area put in use under different heads at the end of year	2.9824	Approx. 2.5 Ha.	
3p	Production of ROM mineral during last five-year period, as applicable	2017-18=0 Tonn 2018-19=0 Tonn 2019-20=0 Tonn 2020-21=1,00,000 Tonn 2021-22=1,50,000 Tonn	No MP was approved from 2008-09 to 2019-20, Last RMP was approved for 2020-21 to 2021-22. No mining operation was carried out in last plan as lessee had applied for EC.	
3q	General remarks of inspecting officer on method of mining etc.	Presently mine is not working due to want of statutory clearance & long back.		

## 4.0 Solid Waste Management-Dumping

SN	Item	Proposals 2021-22	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	Not proposed	NA	Temporary water storage during monsoon season is being used in plantation and GW recharge.
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	NA	
4c	Number of dumps within lease area and outside lease area	Not proposed	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of active & alive dumps	Not proposed	NA	
4f	Number of dead dumps	Not proposed	NA	
4g	Number of dumps established	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	There is no Overburden in mining area as the limestone is outcropping in the area.		

## 5.0 Solid Waste Management-Backfilling

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SN	Item	Proposals 2021-22	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	NA	-
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is practically no soil covering in this area. So provision for separate stacking of topsoil also has not been made and area is not matured for backfilling.		

**6.0 Progressive Mine Closure Plan**

SN	Item	Proposals 2021-22	Actual work (2021-22)	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.	Yes	Yes Submitted	-
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	i) 0.05 Hect. ii) NA iii) 150 Nos iv) Nil v) NIL	Approx. 0.05 Hect. NA 20 Nos Nil Approx. Rs. 2000.00	Violation issued Rule 11(1)
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	No proposed	No proposed	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0.05	Approx. 0.05 Hect.	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Air quality monitoring was done as per CCOM's circular 3/92 during mining.	Yes	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	The PMCP returns are submitted on time as per the provision of Rule 26 of MCDR 2017. Violation issued rule 11(1) for Plantation & fencing work not done.		

## 7.0 Mineral Conservation

SN	Item	Proposals 2021-22	Actual work (2021-	Remarks
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			<b>22)</b>	
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM to be dispatched.	Total ROM to be dispatched.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised and Manual breaking and Segregation	Manual breaking and Segregation	
		Mechanised	Mechanised	
7c	Different grade of mineral sorted out at mines	NIL	NIL	
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Found Satisfactory.		

## 8.0 Environment

SN	Item	Proposals 2021-22	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil	NA	NA	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37(1))	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes, as per PMCP Plantation 50 Nos	Yes and per PMCP Plantation Approx. 20 Nos	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	As per PMCP Plantation 50 Nos	Plantation Approx. 50 Nos	
8g	Survival rate	As per proposal.	Approx. 50%	
8h	Water sprinkling on roads to control airborne dust	Regular water sprinkling is done on haul road and loading and unloading point.	Regular water sprinkling is done on haul road and loading and unloading point to control fugitive emission.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic environment in and around lease is beautiful.		

## 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 - Yes A.R. submitted up to till date- Yes		
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 Mining Engineer, Geologist and Manager	Yes	Found in order	

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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:-** No Violation pending. During inspection violation of Rule 11(1) for the rectification of the same within a period of 45 Days.

स्नेहलकुमार पटेल  
सहायक खनन अभियंता  
भारतीय खान ब्यूरो

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