

INSPECTION REPORT (2021-22)

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Aniyari Limestone Mine
1 (b)	Name of Inspecting officer & Designation	Naman Ekka ,Senior Mining Geologist
1 (c)	Accompanying Mines Representatives	Balubhai Lilabhai Keshwala
1 (d)	Type of Inspection	Star Rating
1 (e)	Date of Inspection	18.06.2022
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	02.00.00 Hectare
3	Minecode	38GUJ21022
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/16021/2013
5	Name of the lessee, Address, phone, email and fax number	Balubhai Lilabhai Keshwala Nageshwar park,National Highway, To : Ranavav , Taluka : Ranavav Porbandar (Gujarat) Mo. 9979903882 Keshwala03882@gmail.com
6	Village	Aniyari
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pincode	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	10.02.1999
15	Date of Execution	14.06.1999
16	Date of opening of Mine	1974
17	Date of first Renewal, if applicable and its period & expiry	Nil
18	Date of second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Balubhai Lilabhai Keshwala Nageshwar park, National Highway, Taluka : Ranavav Porbandar (Gujarat) Mo. 9979903882 Keshwala03882@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Nil
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Nil
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Nil, During the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.

25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-220/2019-GNR/1414 Dated 13.06.2019
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-220/2019-GNR/1414 12/06/2019 period from 2019-20 to 2023-24
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 of (2021-22)	Actual work	Remarks
1a	Backlog of previous year	NIL	NA	NA
1b	Exploration over lease area for Geological axis 1 or 2.	NIL	Exploration Done for G1 Category earlier during Last plan Period	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	No exploration done in 2021-22	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	Area has been fully explored in G1 Category.	
1e	Balance reserves as on 01.04.2021	Balance Reserve as on 01/04/2019 – 111 – 515184 221 - 235932	Balance Reserve as on 01/04/2021- 111 – 449784 221 - 235935	Grade – Cement & Soda Ash Grade
1f	General remarks of inspecting officer on geology, exploration etc.	During the Inspection Mines was non-working due to want of E.C.. No work has been carried out related to Exploration in 2021-22 as reported during the Inspection.		

2.0 Development

SN	Item	Proposals of (2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	589143 E 2398336 N	-	---
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	There was no such proposal	NA	
2c	Stripping ratio or ore to OB ratio	1:0	NIL	
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.	No Development work has been carried out in 2021-22 as the Mines was non-working due to E.C		

3.0 Exploitation

SN	Item	Proposals of (2021-22)	Actual work	Remarks
3a	Number of pits proposed for production	One	NIL	-
3b	Quantity of ROM mineral production proposed	50705 tonnes	0 Tonnes	-
3c	Recovery of salable/usable mineral from ROM production	100%	NIL	-
3d	Quantity of mineral reject generation	0	0	-

3e	Grade of mineral reject generation and threshold value declared	NIL	No mineral rejects generated	-
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 / manual	Mechanised/Manual	-
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 , Rock Breaker, Excavator, Loader and Tipplers	NIL	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench formed as per the proposal	-
3m	Total area covered under excavation/pits	1.258	1.258	-
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	1.33	1.33	-
3p	Production of ROM mineral during last five-year period, as applicable	2020-21- 51862 tonne 2021-22-50705 tonne	2020-21- 15220 tonne 2021-22- 00 tonne	-
3q	General remarks of inspecting officer on method of mining etc.	Method of mining adopted was as per approved RMP, No Exploitation activity has been carried out in 2021-22 as the Mines was non-working due to E.C		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals of (2021-22)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	NA, No mines waste, concurrent use of top soil for plantation.	No Work Carried out.	-
4b	Location of topsoil, OB & mineral reject dumps	NIL	There was no proposal of OB removal and dumping of waste or mineral rejects.	The mining lease area is devoid of Top soil and OB, except in some portion few cm thick top soil.
4c	Number of dumps within lease area and outside lease area	NIL		
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL		
4e	Number of active & alive dumps	NIL		
4f	Number of dead dumps	NIL		
4g	Number of dumps established	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	Temporary water storage during monsoon season is being used in plantation and GW recharge.	---
4k	Specific comments of inspecting officer	During the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals of (2021-22)	Actual work	Remarks
----	------	------------------------	-------------	---------

5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Partial	NIL	-
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NIL	Utilized for plantation	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	During the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals of (2021-22)	Actual work (2020-21)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(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	Nil Nil 100 300 Nil Nil	Nil Nil 100 350 Nil Rs. 135000	-
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	Plantation in periphery of the lease area	Plantation done in periphery of the lease area	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone with in limit – Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration to be monitor and should be in limit.	Core Zone with in limit – Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration are measured with in limit	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP Compliances has been done as per schedule.		

7.0 Mineral Conservation

SN	Item	Proposals of (2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	50705 Tonne	00 Tonne	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised and Manual breaking and Segregation	NIL	NIL

		Mechanised	Mechanised	
7c	Different grade of mineral sorted out at mines	NIL	NIL	NIL
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	During the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.		

8.0 Environment

SN	Item	Proposals of (2020-21)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	550 Cu. Meter	Occurrence of top soil is not regular. Concurrent use in Plantation	Wherever available is utilised for the plantation work
8b	Concurrent use or storage of topsoil	550 Cu. Meter	Concurrent use done with temporary storage.	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	Negligible quantity found	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes, as per PMCP Plantation 100 Nos	Yes and per PMCP Plantation 100 Nos	NIL
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	As per PMCP Plantation 100 Nos	Plantation 100 Nos	NIL
8g	Survival rate	90%	90%	Actual as per annual return.
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	As reported during inspection PMCP work has been carried out as per proposal.		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS		Remarks
		Proposal	Actual work	
9a	Status of submission of Online Monthly and Annual returns	N.A	M.R. Submitted till March-22 A.R. of 2021-22 submitted on 28/06/2022	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer & Geologist to be appointed.	-	During the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered Under Current working- 1.258 Ha/ Afforestation/ plantation - 0.072Ha	Covered Under Current working- 1.258 Ha/ Afforestation/ plantation - 0.072Ha	
9d	Scrutiny of Annual return on afforestation	Afforestation/ plantation -100 Trees	Afforestation/ plantation -100 Trees Survival Rate 30 %	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	0.00	0.00	

9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	1) Ex.Mine Prise -NIL 2) Cost of production- NIL	1) Ex. Mine prise-NIL 2) Cost of production on-NIL	
9i	Scrutiny of Annual return on fixed assets	Industrial -0 Residential-0	Industrial -0 Residential-0	
9k	Scrutiny of Annual return on mining machineries	NIL	-	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - No, Significant Violations observed during inspection as during the Inspection Mines was non-working due to want of E.C. No work has been carried out in 2021-22 as reported during the Inspection.

NAMAN EKKA

(Senior Mining Geologist)