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MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Tanasava Limestone Mine
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	MCDR, 2017
1(d)	Date of Inspection	03/11/2023
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 4.00.00 HA. Forest land – 0.0 Non Forest land – 4.00.00 HA.
3	Mine-code	38GUJ13003
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9913/2012
5	Name of the lessee, Address, phone, email and fax number	RamilaBen Parbatbhai Bariya Address- “Uday Minerals” Jirpara Plot, Tagor Road, Garbi Sheri, Upleta -360490, Gujarat. Mobile no. 9909923131
6	Village	Tanasava
7	Taluka/Mandal	Upleta
8	District	Rajkot
9	Pin code	360490
10	State	Gujarat
11	Post office	Upleta
12	Nearest police station	Upleta
13	Nearest Railway station	Upleta
14	Date of Grant of Mining Lease	30/07/2009
15	Date of Execution	19/09/2009
16	Date of opening of Mine	19/09/2009
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Owner/ Nominated Owner with Address, phone, email, fax number and date of appointment	Ramilaben Parbatbhai Bariya Jirapa Plot Tagor Road , Garbi Street Upleta District: Rajkot, Gujarat
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Uday Bariya Opposite ITI Arun Colony Gondal Taluka, District: Rajkot, Gujarat 360311
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Uday Bariya Opposite ITI Arun Colony Gondal Taluka, District: Rajkot, Gujarat 360311
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Uday Bariya Opposite ITI Arun Colony Gondal Taluka, District: Rajkot, Gujarat 360311 9726723131
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.	Date- 14/07/2009; 682(23)(656)/2009 khandikhas(N)UDP Period (From 19/08/2009 to 31/03/2014)

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26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-212/2019 MDRD(U)/GNR Dated 09/04/2019 Period(from 01/04/2019 to 31/03/2024)
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)	Category A Mechanised
30	Captive/Non Captive	Non Captive

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

Exploration

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	No Proposal	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	NA	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 31.03.2023 (in Tonne)	(111) 4,13,440 tonnes (221) 93,976 tonnes Total 5,07,416 tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area explored in G1 Category.		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	North part of ML	Mine is not in operation and no development work is being carried out due to Environment Clearance is not granted.	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No top soil & OB proposed	NA	-
2c	Stripping ratio or ore to OB ratio	1:0	1:0	-
2d	Quantity of topsoil generation in m ³	Nil	Nil	-
2e	Quantity of overburden generation in m ³	Nil	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is not in operation and no development work is being carried out due to Environment Clearance is not granted.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	Pit 1	Pit 1	-
3b	Quantity of ROM mineral production proposed	1,00,000 T	Nil	-
3c	Recovery of saleable/usable mineral from ROM	100 %	Nil	-

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	production			
3d	Quantity of mineral reject generation	No proposal	NA	
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	
3f	Quantity of sub-grade mineral generation	No proposal	NA	
3g	Grade of sub-grade mineral generation	No proposal	NA	
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	No proposal	NA	
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	
3k	Provision of mining machineries in mineral benches	Hydraulic Shovel: 1 Dumper: 03	Mines is not in operation	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	
3m	Total area covered under excavation/pits	3.23 Ha	1.91 Ha	
3n	Ore to OB ratio for the pit/mine during the year	No proposal	NA	
3o	Total area put in use under different heads at the end of year	3.23 Ha	1.91 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 75,965 T 2020-21: 92,000 T 2021-22: 1,00,000 T 2022-23: 1,00,000 T	2019-20: 73000 T 2020-21: 38,500 T 2021-22: Nil 2022-23: Nil	
3q	General remarks of inspecting officer on method of mining etc.	Mine is not in operation and no production and dispatch work are being carried out due to Environment Clearance is not granted.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	NA	
4b	Location of topsoil, OB & mineral reject dumps	No proposal	NA	
4c	Number of dumps within lease area and outside lease area	No proposal	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA	
4e	Number of active & alive dumps	No proposal	NA	
4f	Number of dead dumps	No proposal	NA	
4g	Number of dumps stabilised	No proposal	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	NA	
4i	Length of Retaining wall or	No proposal	NA	

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	garland drain all along dump			
4j	Number of settling ponds	No proposal	NA	
4k	Specific comments of inspecting officer	There is no proposal for top soil, Overburden, waste dump and mineral reject management because no topsoil, overburden and waste generated during mine operation.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work	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	No proposal	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	NA	
5d	Total area fully reclaimed & rehabilitated	No proposal	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No reclamation and rehabilitation is required after fully exhaustion of limestone upto economic depth the pit will be converted as water reservoir.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	Actual work	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	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	Nil	Nil	-
6c	Afforestation done (ha)	0.01 Ha	0.01 Ha	-
6d	No. of saplings planted during the year	150	75	Violation observed under Rule 11(1)
6e	Cumulative no. of plants	200	100	Violation observed under Rule 11(1)
6f	Any other specific method of rehabilitation	No proposal	NA	-
6g	Cost incurred on watch & care during the year	10000	10000	-
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No proposal	NA	
6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	No proposal	NA	

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6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	No proposal	NA	
6k	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	No proposal	NA	
6l	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	No proposal	NA	
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No proposal	NA	
6n	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	No proposal	NA	
6o	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	No proposal	NA	
6p	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	NA	
6q	General remarks of inspecting officer on PMCP compliance & progressive	Violation observed under Rule 11(1). (i) It was proposed to plant 150 trees for environmental improvement in the year 2022-23, but at the time of inspection it was found that the prescribed tree plantation had not been done. (ii) 105 m Fencing was proposed to be installed, but at the time of inspection it was found that the prescribed fencing had not been installed.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1,00,000 T	Nil	Mine is not in operation due to EC is not grated.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Nil	
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	Mine is not in operation and no production and dispatch work are being carried out due to Environment Clearance is not granted.		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	NA	
8b	Concurrent use or storage of topsoil	No Proposal	NA	

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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)	No Proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100	75	
8g	Survival rate	80%	50%	
8h	Water sprinkling on roads to control airborne dust	Nil	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area.	Need to be more focused on additional Plantation and improve the survival rate of plantation.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Annual Return 2022-23 was submitted on 12.04.2023	-
S. N.	Item	COMMENTS	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mine is not in operation due to EC is not granted.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Lease Area: 4.0 Hectare Non Forest Land: 4.0 Hectare Covered under current working: 3.23 Ha.	-
9d	Scrutiny of Annual return on afforestation	150 plants Proposed but only 75 plants were planted.	Violation observed
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	-
9i	Scrutiny of Annual return on fixed assets	Nil	-
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: -

नियम सं.	उल्लंघनों के प्रकारों का विस्तृत ब्यौरा
11(1)	इस कार्यालय के पत्र संख्या 684(4)(1)/MP-212/2019/MDRD(N)GNR दिनांक

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<p>09.04.2019 के द्वारा अनुमोदित खनन योजना के निम्नलिखित प्रावधानों का उल्लंघन करते हुए खनन कार्य किया जा रहा है-</p> <p>(i) अनुमोदित खनन योजना की Table संख्या A2.4 के अनुसार वर्ष 2022-23 में पर्यावरण सुधार हेतु 150 पौधों लगा कर वृक्षारोपण करना प्रस्तावित था, लेकिन निरीक्षण के समय पाया गया कि निर्धारित वृक्षारोपण नहीं किया गया है।</p> <p>(ii) अनुमोदित खनन योजना के बिन्दु संख्या 8.3 के अनुसार वर्ष 2022-23 में खान पर 105 मी. Fencing लगाना प्रस्तावित था, लेकिन निरीक्षण के समय पाया गया कि निर्धारित Fencing नहीं लगाई गई है।</p>
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(Sunil Kumar Sharma)
Sr. ACOM