

1/2710/2023

MCDR INSPECTION REPORT

1.0 GENERAL

S.No	Particulars	Details
1(a)	Name of the Mine	धामलेज चूनापत्थर खान
1(b)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	श्री अशोक विनोद जिमूलिया, प्रोपराइटर
1(d)	Type of Inspection	रिव्यू खनन योजना
1(e)	Date of Inspection	14.10.2022
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non Forest - 4.00 हे.
3	Mine Code	38GUJ08347
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9150/2012
5	Name of the lessee, Address, phone, email and fax number	मै. सोमनाथ मिनरल्स, प्रो. अशोक विनोद जिमूलिया P/2, तृतीय तल, जयदेव पैलेस, सोमनाथ सोसाइटी 60 फीट सड़क, पदम ट्रांसपोर्ट के पीछे वेरावल, जिला- गिर सोमनाथ 362 265 (गुजरात) dineshkumarandcompanyvrl@gmail.com
6	Village	धामलेज
7	Taluka/Mandal	सूत्रापाडा
8	District	गिर सोमनाथ
9	Pincode	360 720
10	State	गुजरात
11	Post office	सूत्रापाडा
12	Nearest police station	सूत्रापाडा
13	Nearest Railway station	वेरावल
14	Date of Grant of Mining Lease	09.01.2008
15	Date of Execution	15.04.2008
16	Date of opening of Mine	2008-09
17	Date of first Renewal, if applicable and its period & expiry	--
18	Date of second Renewal, if applicable and its period & expiry	--
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री अशोक विनोद जिमूलिया P/2, तृतीय तल, जयदेव पैलेस, सोमनाथ सोसाइटी 60 फीट सड़क, पदम ट्रांसपोर्ट के पीछे वेरावल, जिला- गिर सोमनाथ 362 265 (गुजरात) dineshkumarandcompanyvrl@gmail.com, 9824623327
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	वही
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	--

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23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	श्री जोटावा जगदीश खनन अभियांत्रिकी (स्नातक) 01.01.2021
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	हां।
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-304/2020-21MDRD(N)GNR, दिनांक 29.01.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	--
27	Mineral(s) granted in lease and proved for mining	चूनापत्थर
28	Method of Mining(Open cast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A
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 (2021-22)	Remarks
1a	Backlog of previous year	NIL	N.A	Four boreholes have been drilled in 2020-21.
1b	Exploration over lease area for Geological axis 1 or 2.	NIL	N.A	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	N.A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	N.A	
1e	Balance reserves as on 01.04.2022.	1.14 million tons		
1f	General remarks of inspecting officer on geology, exploration etc.	Proposed exploration has been achieved.		

2.0 Development

SN	Item	Proposals (2021-22)	Actual (2021-22)	Remarks
2a	Location of development w.r.t. lease area	Pit No. 1	As per proposal.	Lagging in development due to less production.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NIL	N.A	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	NIL	N.A	
2e	Quantity of overburden generation in m3	NIL	N.A	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The deposit is flat bedded. Area is almost free from overburden.		

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3.0 Exploitation

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed	1,00,056 tonnes	28093.57 tonnes	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	N.A	
3e	Grade of mineral reject generation and threshold value declared	NIL	N.A	
3f	Quantity of sub-grade mineral generation	--	--	
3g	Grade of sub-grade mineral generation	--	--	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual/Mech	Manual/Mech	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	N.A	N.A	
3j	Provision of drilling & blasting in mineral benches	NIL	N.A	
3k	Provision of mining machineries in mineral benches	Yes	As per proposal.	
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	2.6 ha	2.6 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	Pit- 2.6 ha Others- .03 ha	Pit- 2.6 ha Others- .03 ha	
3p	Production of ROM mineral during last five-year period, as applicable	2017-18: 90474 tonne 2018-19: 56100 tonne 2019-20: 56100 tonne 2020-21: 56100 tonne 2021-22: 100056 tonne	2017-18: 82900 tonne 2018-19: 25006 tonne 2019-20: 120.00 tonne 2020-21: 50018.00 tonne 2021-22: 28093.57 tonne	
3q	General remarks of inspecting officer on method of mining etc.	Opencast method of mining with rock breaker.		

4.0 Solid Waste Management-Dumping

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	NIL	N.A	Mining area is devoid of OB.
4b	Location of topsoil, OB & mineral reject dumps	NIL	N.A	

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4c	Number of dumps within lease area and outside lease area	NIL	N.A	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	N.A	
4e	Number of active & alive dumps	NIL	N.A	
4f	Number of dead dumps	NIL	N.A	
4g	Number of dumps stabilised	NIL	N.A	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	N.A	
4i	Length of Retaining wall or garland drain all along dump	NIL	N.A	
4j	Number of settling ponds	NIL	N.A	
4k	Specific comments of inspecting officer	Area is free from OB. Limestone is outcropping in the area.		

5.0 Solid Waste Management-Backfilling

S N	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	NIL	N.A	
5b	Area under backfilling of mined out area	NIL	N.A	Not matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NIL	N.A	
5d	Total area fully reclaimed & rehabilitated	NIL	N.A	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling is not practical as there is no overburden in the area.		

5.0 Progressive Mine Closure Plan

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	As per rule	No	नियम 26(2) का उल्लंघन दिया जा रहा है।
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 .03 ha 100 NIL	N.A 0.02 ha 30 NIL	नियम 11(1) का उल्लंघन दिया जा रहा है।
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	NIL	NA	No reclamation is proposed by backfilling as waste material is not available.

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	reservoir v) Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring (air quality, water quality & noise level) shall be done regularly.	Regular monitoring has been carried out.	Within limit.
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP रिपोर्ट जमा नहीं करने के कारण नियम 26(2) का उल्लंघन दिया जा रहा है।		

6.0 Mineral Conservation

S N	Item	Proposals (2021-22)	Actual (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1,00,056 tonnes	28093.57 tonnes	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	NIL	N.A	
7d	Any beneficiation process at mines	NIL	N.A	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

7.0 Environment

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	NIL	N.A	
8b	Concurrent use or storage of topsoil	NIL	N.A	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	N.A	There is no dump in the area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	N.A	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Mined out pits will be utilized as rain water storage.	Pits are being used for rain water harvesting.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	100 plants	30 plants	
8g	Survival rate	60%	40%	
8h	Water sprinkling on roads to control airborne dust	Proposed.	Achieved.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	General mine environment is satisfactory.		

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8.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted up to– October, 2022 A.R. submitted for the year 2021-22 on 29.06.2022	

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer- Sh. Ajay jotava Geologist --	Mining engineer- Sh. Ajay jotava Geologist- Sh. Suryakant Singh Jadhav	Form submitted. I
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 2.6 ha Others- .03 ha		
9d	Scrutiny of Annual return on afforestation	30		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	--		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Chemical grade: Opening stock- 623.28 tonne Closing stock- 623.28 tonne		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price- ₹ 417.00 Production cost- ₹ 240.00		
9i	Scrutiny of Annual return on fixed assets	--		
9k	Scrutiny of Annual return on mining machineries	Back Hoe Ex-mine price-		Not found during inspection.

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

पिछले निरीक्षण दिनांक 12.03.2022 में नियम संख्या 26(2), 33, 29 तथा 55(1) का उल्लंघन पाया गया था। इन नियमों की अनुपालना दिनांक 31.05.2022 को हो गई है। वर्तमान निरीक्षण रिव्यू खनन योजना की जांच के लिए किया गया। निरीक्षण के समय नियम संख्या 11(1), 26(2) तथा 34A(3) का उल्लंघन पाया गया। उल्लंघन पत्र जारी करने की कार्यवाही की जा रही है। वर्ष 2021-22 के लिए स्टार रेटिंग मूल्यांकन कर दिया गया है। मूल्यांकन के पश्चात खान के Points 75% से 67% रहे हैं।

गांधीनगर
दिनांक : 05.01.2023

(मनीष गुप्ता)
सहायक खान नियंत्रक