

MCDR INSPECTION REPORT

1.0 **GENERAL**

S.No	Particulars	Details
1(a)	Name of the Mine	जानुदा-शांतिपुरा चूनापत्थर,
1(b)	Name of Inspecting Officer & Designation	मनीष गुप्ता, सहायक खान नियंत्रक
1(c)	Accompanying Representatives Mines	श्री देवायत वाला, प्रतिनिधि
1(d)	Type of Inspection	रिव्यू खनन योजना
1(e)	Date of Inspection	13.10.2022
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non Forest- 41.00 हे.
3	Mine Code	38GUJ08346
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9137/2012
5	Name of the lessee, Address, phone, email and fax number	आर.जे.त्रिवेदी एंड कंपनी चोरवाड़ स्टेशन रोड, शेरबाग, गड्डू, तालुका- मालिया हटीना जिला - जूनागढ़ (गुजरात) 362 255 98251 30999, shivam_mining@ yahoo.in
6	Village	जानुदा शांतिपुरा
7	Taluka/Mandal	मालिया हटीना
8	District	जूनागढ़
9	Pincode	362 255
10	State	गुजरात
11	Post office	मालिया हटीना
12	Nearest police station	मालिया हटीना
13	Nearest Railway station	गड्डू
14	Date of Grant of Mining Lease	19.11.1977
15	Date of Execution	23.01.1978
16	Date of opening of Mine	23.01.1978
17	Date of first Renewal, if applicable and its period & expiry	--
18	Date of second Renewal, if applicable and its period & expiry	लागू नहीं
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Lease Period extended up to 22.01.2028
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	श्री सरमनभाई जादवभाई वाला चोरवाड़ स्टेशन रोड, शेरबाग, गड्डू, तालुका- मालिया हटीना जिला - जूनागढ़ (गुजरात) 362 255 98251 30999, shivam_mining@yahoo.in
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री सरमनभाई जादवभाई वाला चोरवाड़ स्टेशन रोड, शेरबाग, गड्डू, तालुका- मालिया हटीना जिला - जूनागढ़ (गुजरात) 362 255 98251 30999, shivam_mining@yahoo.in
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	श्री देवलिया भूपत चोरवाड़ स्टेशन रोड, शेरबाग, गड्डू, तालुका- मालिया हटीना

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		जिला - जूनागढ़ (गुजरात) 362 255 88668 97478, shivam_mining@yahoo.in
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	श्री परेश राम चोरवाड़ स्टेशन रोड, शेरबाग, गड्डू, तालुका- मालिया हटीना जिला - जूनागढ़ (गुजरात) 362 255 80008 02699, shivam_mining@yahoo.in
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	हाँ
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-241(171)/2019-20MDRD(N)GNR दिनांक 04.10.2009
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(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	A (FM)
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 (2021-22)	Remarks
1a	Backlog of previous year	11	17	6 bore hole have been drilled in 2020-21
1b	Exploration over lease area for Geological axis 1 or 2.	--	Entire lease area is in G1	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not proposed	N.A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	--	N.A	
1e	Balance reserves as on 01.04.2022.	6526800 tonne	5054690 tonne	
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 3,4,5,6	As per proposal.	
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	NIL	N.A	No top soil removal proposal in plan period.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	There is no OB in the area.
2d	Quantity of topsoil generation in	--	--	

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	m3			
2e	Quantity of overburden generation in m3	--	--	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Deposit has been developed as per proposal.		

3.0 Exploitation

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	Pit No 3,4,5,6	As per proposal.	During inspection, pits were found waterlogged.
3b	Quantity of ROM mineral production proposed	12,00,000 tonnes	7,37,350 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	NIL	N.A	
3g	Grade of sub-grade mineral generation	NIL	N.A	
3h	Manual / Mechanised method adopted for segregating from ROM	N.A	N.A	
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	No	N.A	Surface miner completely eliminates drilling blasting and primary crushing unit and thus reduces their associated environmental hazards.
3k	Provision of mining machineries in mineral benches	Surface miner, Hydraulic Excavator, Front end loader, Tippers	As per proposal.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The mine is being worked by surface miner without adoption of drilling & blasting.	As per proposal.	Surface miners cuts material with a cutting depth up to 350 MM. It creates very small benches of few centimetres.
3m	Total area covered under excavation/pits	20.186 ha	As per proposal.	
3n	Ore to OB ratio for the pit/mine during the year	N.A	NIL	
3o	Total area put in use under different heads at the end of year	Pits- 20.186 ha	As per proposal.	
3p	Production of ROM mineral during last five-year period, as applicable	2017-18: 349980 t 2018-19: 350000 t 2019-20: 60000 t 2020-21: 1100000 t 2021-22: 1200000 t	2017-18: 208631 t 2018-19: 347535 t 2019-20: 349900 t 2020-21: 348460 t 2021-22: 737350 t	Less production due to less market demand.
3q	General remarks of inspecting	Eco friendly mining with the help of Surface miner. At the time of		

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	officer on method of mining etc.	inspection work was not found to be done.
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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	No topsoil, OB & mineral reject generation.
4b	Location of topsoil, OB & mineral reject dumps	NIL	N.A	
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	None.		

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	N.A	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 feasible as there is no overburden in the area.		

6.0 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	Submitted on 23.06.2022	
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	1.00 ha 500 NIL	0.5 ha 500 NIL	

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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	NIL	NA	
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	Mined-out area after full extraction of mineral will be used as water reservoir. It will help to improve ground water level & quality.		

7.0 Mineral Conservation

S N	Item	Proposals (2021-22)	Actual (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	N.A	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	N.A	
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	Lessee is working with 100% ROM recovery.		

8.0 Environment

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Proposed.	Achieved.	
8b	Concurrent use or storage of topsoil	Concurrent use.	As per proposal.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	N.A	
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)	NIL	N.A	
8f	Baseline information on existence of plantation & additional plantation done	500 plants	500 plants	

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8g	Survival rate	--	70 %	
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	Good plantation near mine office.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto- October, 2022 A.R. submitted for the year 2021-22 on 16.06.2022	

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. Paresh Ram Geologist- Sh. Bhuvanesh Mangilal	Mining engineer- Sh. Paresh Ram Geologist- Sh Bhuvanesh Mangilal	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	20.186 हे.		
9d	Scrutiny of Annual return on afforestation	500		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	83330.57 tonnes		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	₹270.63 is the production cost		
9i	Scrutiny of Annual return on fixed assets	₹ 1700000		
9k	Scrutiny of Annual return on mining machineries	Surface miner- 1, Dozer-1, Dumper, Water tanker.		

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-
पिछले निरीक्षण दिनांक 20.07.2021 के आधार पर दिनांक 17.08.2021 को नियम संख्या 11(1), 26(2), 33 तथा 45(7) का उल्लंघन जारी किया गया था, इन नियमों की पालना दिनांक 29.09.2021 को हो गई है। वर्तमान निरीक्षण में नियम संख्या 11(1), तथा 45(5)(c) read with 45(7) का उल्लंघन पाया गया, उल्लंघन पत्र जारी करने की कार्यवाही की जा रही है।

दिनांक 16.01.2023

(मनीष गुसा)

सहायक खान नियंत्रक