

## INSPECTION REPORT

### 1.0 GENERAL

S.N	Particulars	Details
1(a)	Name of the Mine	Budhecha Lst Mine
1(b)	Name of Inspecting Officer & Designation	G.Ram, DCOM
1(c)	Accompanying Mines Representatives	Dhanabhai, Owner Representative
1(d)	Type of Inspection	RMP
1(e)	Date of Inspection	12/4/2022 FN
2	Total Lease Area (Ha) with Non-forest/ forest land	4.80 Hect. Non forest Land
3	Mine code	38GUJ08357
4	IBM Registration Number under rule 45	IBM / 15371 / 2013
5	Name of the lessee, Address, phone, email and fax number	Sulemanbhai Mohammed Patel, Shukan Society, Shapur Road, opp.bus stand, Mangrol, Junagarh, (Guj.)-362225
6	Village	Budhecha
7	Taluka/Mandal	Maliahatina
8	District	Junagarh
9	Pin code	362225
10	State	Gujarat
11	Post office	Maliahatina
12	Nearest police station	Maliahatina
13	Nearest Railway station	Maliahatina
14	Date of Grant of Mining Lease	Grant order No. MCR – 1099(M-33) Dt. 01.09.2012
15	Date of Execution	28.01.2013 for 30 years, expiry-27.01.2063
16	Date of opening of Mine	2013
17	Date of first Renewal, if applicable and its expiry	NA
18	Date of second Renewal, if applicable & expiry	NA
19	Date of submission of renewal application if any	NA -
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sulemanbhai Mohammed Patel, Shukan Society, Shapur Road, opp.bus stand, Mangrol, Junagarh, (Guj.)
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sulemanbhai Mohammed Patel, Shukan Society, Shapur Road, opp.bus stand, Mangrol, Junagarh, (Guj.)
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment	NA
23	Name of the ME, Qualification and total exp. with Address, phone, email, fax, date of appointment in mine	Sh Kuladip Mansinh Barad, BE(Mi) Date of Appointment - WEF 01.12.2021,
24	Whether Geologist and ME appointed in mines satisfy the rule & carrying out their duties as per rule	Not appointed-Violation under provision of rule 55(1)(3)(ii) pointed out.
25	Date of Approval of MP/MMP with five-year period and specific condition in approval letter, if any.	682(23)(800)MP-2012 MCCM(N)/UDR, Dated 03/8/12 for 2013-14 to 2017-18
26	Date of Approval of SOM/ with five-year period and specific condition in approval letter, if any.	684(4)(1)MP-190/2018/GNR, Dated 25/1/2019 for 2018-19 to 2021-22, 684(4)(1)(MP-417)/2022-GNR Dated 27.5.2022 for 2022-23 to 2026-27
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Category 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	Remarks
1a	Backlog of previous year	No backlog		
1b	Exploration over lease area for G-axis 1 or 2.	05 Number of exploratory core bore holes/149.5m has been drilled in entire mining lease area is G1/G2 level.(20 Nov,21 to 07 Dec,21 ) & Expenditure-339125/-Rs.		
1c	Exploration Agency & Exp. in lakh Rs during year			
1d	Balance area to be explored to bring G-axis in 1or2			
1e	Balance reserves (Million Tonnes) as on 01.04.22	Total resources-2.3574million tonne, out of this Reserves (111,121&122) 2.072million Tonne.		
1f	General remarks of inspecting officer on geology, exploration etc.	Lessee has been carried out 05no of core boreholes. No further exploration is required.		

### 2.0 Development

S.N	Item	Proposals(2021-22)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Proposal earmarked in plate No.3	Partly done	Legging in ROM
2b	Separate benches in topsoil, OB & mineral	Not proposed	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.06	1:0.0	
2d	Quantity of topsoil generation in m3	Not proposed	Nil	
2e	Quantity of overburden generation in m3	Not proposed	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Lease area is developed by mine pits in irregular shape & size.		

### 3.0 Exploitation

S.N	Item	Proposals(2021-22)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No.1	Single pit	Legging in ROM
3b	Quantity of ROM mineral production proposed	101256T	50406.27T	
3c	Recovery of saleable / usable mineral from ROM	100%	100%	
3d	Quantity of mineral reject generation	6075T	Nil	
3e	Grade of mineral reject generation and threshold value declared	Chemical/Cement grade	Nil	
3f	Quantity of sub-grade mineral generation	Not proposed	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 and reject.	Not proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Not proposed	Not done	
3k	Provision of mining machineries in mineral benches	Excavator/JCB/Tipper	Yes	
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	0.99Ha in plan period	Total-2.601 Ha	
3n	Ore to OB ratio for the pit/mine / year	1:0.06	1:0.0	
3o	Total area put in use under different heads at end of year		About 2,601Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2017-18=56230T 2018-19=32832T 2019-20=100608T 2020-21=100040T 2021-22=101256T	2017-18=86721T 2018-19=85246T 2019-20=112731.51T 2020-21=103931.5T 2021-22=50406.27T	Excess ROM, VL was already sent to State for action.
3q	General remarks of inspecting officer on method of mining etc.	Opencast method of mining with excavator/rock breaker and tipper combination.		

### 4.0 Solid Waste Management-Dumping

S.N	Item	Proposals(2021-22)	Actual work	Remarks			
4a	Separate dumping topsoil, OB & reject	Not Proposed	Nil				
4b	Location of topsoil, OB & reject dumps						
4c	Number of dumps within lease area & outside lease area						
4d	Location of dumps w.r.t. ultimate pit limit						
4e	Number of active & alive dumps						
4f	Number of dead dumps						
4g	Number of dumps stabilized						
4h	Whether Retaining wall/garland drain along dumps						
4i	Length of Retaining wall, garland drain dump						
4j	Number of settling ponds						
4k	Specific comments of inspecting officer				There is no OB/Waste generation in mining lease area.		

### 5.0 Solid Waste Management-Backfilling

S.N	Item	Proposals(2021-22)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before backfilling	Not proposed	Nil	
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.	NIL,		

### 6.0 Progressive Mine Closure Plan

S.N	Item	Proposals(2021-22)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26 (2).	Proposed to submit in time.(Year-2020-21)	PMCP report is submitted,16.2.22	
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	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Nil	Nil	

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	50	50	Survival less
6e	Compliance of Environmental monitoring (core & buffer zone)	Nil	Monitoring done by third party.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Annual PMCP report is not submitted and violation under rule 26(2) of MCDR 2017 pointed out.		

### 7.0 Mineral Conservation

S.N	Item	Proposals(2021-22)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	101256T	50406.27T	Legging in ROM
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual/Mech.	Manual/Mech.	
7c	Different grade of mineral sorted out at mines	Nil	Nil	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Manual sizing, sorting & blending is done for mineral conservation.		

### 8.0 Environment

S.N	Item	Proposals(2021-22)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Not Proposed	NIL	
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for OB, waste rock, rejects and fines			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.).			
8f	Baseline information on existence of plantation & additional plantation done	Proposed	Yes	
8g	Survival rate	Proposed	Poor	
8h	Water sprinkling on roads to control dust	Proposed	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The area is having beautiful aesthetic around the mining lease area.		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
	Status of submission of Online Monthly and Annual returns	Monthly Returns till May 21 submitted. Annual return 2021-22 not submitted		
S.N	Item	Details given	Comments	Remarks
9b	Scrutiny of Annual return for information on ME, Geologist, MM etc.	Mining Engineer and Geologist not appointed and violation is being issued		Violation under provision of rule & 45(7) pointed out to lessee for rectification.
9c	Scrutiny of Annual return on land use pattern under pits, reclaimed area, dumps etc. (Ha)	As per Given in AR	Scrutiny of AR-2021-22 done & deficiencies pointed out.	
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)			
9f	Scrutiny of Annual return on ROM stock and/or graded ore (Tonne)			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost			
9i	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries			

**10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-**Presently mine was inspected for RMP & during inspection, lease boundary pillars were not available/erected & maintained as per statute & working appears to mismatch. Mine was suspended by this office on 06.11.17 & revoked on 07.3.22. Presently violation of 26(2), 34,35(2),45(5)(b),45(7), 55(1)©(ii) pointed out for rectification.

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