

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION
MCDR Inspection REPORT
Jabalpur Regional office

Mine code: 38MPR35314

(i)	Name of Inspecting officer	:	Shri Sudip Ranjan Mazumdar
(ii)	Designation	:	Senior Mining Geologist
(iii)	Accompanying mine official with Designation	:	Shri Amit Biswas, Geologist and Shri Shashi Shekhar Ray, Mines Manager
(iv)	Date of Inspection	:	26.03.2024
(v)	Previous Inspection date	:	22.08.2022

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Mendhi Limestone Mines
	(b)	Registration Number	:	IBM/267/2011 38MPR35314
	(c)	Category	:	Opencast
	(d)	Type of Working	:	Mechanized
	(e)	Postal address	:	Mendhi Limestone Mines of M/s Prism Johnson Limited
		State	:	Madhya Pradesh
		District	:	Satna
		Village	:	Mendhi
		Taluka	:	Rampur Baghelan
		Post Office	:	Sijhata
		Pin code	:	485111
		Fax	:	NA
		email	:	registered.office@prismjohnson.in
		Phone No	:	9584464612
(f)	Police Station	:	Rampur Baghelan	
(g)	First Opening date	:	12.12.2011	
(h)	Weekly day of rest	:	Sunday	
2	Address for Correspondence		:	Rajdeep, Rewa road, Satna, MP, 485001 Telephone 07672-432600
3	(a)	Lease Area	:	117.594 Ha
	(b)	Period of lease	:	30 years
	(c)	Date of Expiry	:	31.07.2037
4	Mineral Worked (Main)		:	Limestone
5	Name of address of the Lessee with Phone, email and fax number		:	Mendhi Limestone Mines of M/s Prism Johnson Limited Rajdeep, Rewa road, Satna, MP, 485001 Telephone 9584464612 Email: registered.office@prismjohnson.in Fax: NA
	Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment		:	Shri Vivek K.Agnihotri Executive Director-Cement Division, Prism Johnson Limited, Rahejas 2nd Floor, Main Avenue, V.P.Road, Santacruz(W), Mumbai,Pin-400054 Telephone 07672-432600 email- Vivek.Agnihotri@prismjohnson.in Date of appointment - 17.08.2015

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	Name of address of the Agent with Phone, email, fax number and Date of appointment	:	Shri Vinod Shrivastava, VP Mines & MRM M/S Prism Johnson Limited Rajdeep, Rewa road, Satna, MP, 485001 Telephone 9584464612 email- vinod.shrivastava@prismjohnson.in Date of appointment – 28.09.2021
	Name of address of the Manager with Phone, email, fax number and Date of appointment	:	Shri Kousik Das, Mines Manager M/S Prism Johnson Limited Rajdeep, Rewa road, Satna, MP, 485001 Telephone 9584460385 email- kousik.das@prismjohnson.in Date of appointment – 28.09.2021
	Mining Engineer Name Qualification Date of Appointment	:	Shri Pankaj Mishra B.E. Mining Date of appointment – 28.09.2023
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	MP/Satna/Lst./M.Sch-6/16-17 Dated 04.11.2016

PART- II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS**Exploration:**

S.No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
1b	Exploration over lease area for Geological axis 1 or 2	No Valid Proposal	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No Valid Proposal	Nil	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	No Valid Proposal	Nil	
1e	Balance reserves as on 01.04.2023	At the beginning of the year 1.4.2022, reserves was 6576244 tones.	There was no depletion during the year 2022-23. Remaining reserves as on 31.03.2023 is 6576244 tones.	
1f	General remarks of Inspecting officer on geology, exploration etc.	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

Development (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	No Valid Proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No Valid Proposal	Nil	
2d	Quantity of topsoil generation in m ³	No Valid Proposal	Nil	
2e	Quantity of overburden generation in m ³	No Valid Proposal	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

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3. Exploitation FY 2022-23

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
3b	Quantity of ROM mineral production proposed	No Valid Proposal	Nil	
3c	Recovery of Salable/usable minerals from ROM production	No Valid Proposal	Nil	
3d	Quantity of mineral reject generation	No Valid Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Valid Proposal	Nil	
3f	Quantity of sub-grade mineral generation	No Valid Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Valid Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	No Valid Proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Valid Proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	No Valid Proposal	Nil	
3k	Provision of mining machineries in mineral benches	No Valid Proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Valid Proposal	Nil	
3m	Total area covered under excavation /pits (Ha.)	No Valid Proposal	Nil	
3n	Ore to OB ratio for the pit/mine during the year	No Valid Proposal	Nil	
3o	Total area put in use under different heads at the end of year	No Valid Proposal	Nil	
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19	19,00,000	Nil
		2019-20	19,00,000	Nil
		2020-21	19,00,005	Nil
		2022-22	No Proposal	Nil
		2022-23	No Proposal	Nil
3q	General remarks of inspecting officer on method of mining etc.	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

4. Solid Waste Management-Dumping (FY2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
4b	Location of topsoil, OB & mineral reject dumps	No Valid Proposal	Nil	
4c	Number of Dumps within lease area and outside lease area	No Valid Proposal	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	No Valid Proposal	Nil	
4e	Number of Active & Alive dumps	No Valid Proposal	Nil	
4f	Number of dead dumps	No Valid Proposal	Nil	
4g	Number of dumps established	No Valid Proposal	Nil	

1/293087/2024	4h	Whether Retaining wall or garland drain all along dumps are there	No Valid Proposal	Nil	
	4i	Length of Retaining wall or garland drain all along dump	No Valid Proposal	Nil	
	4j	Number of settling ponds	No Valid Proposal	Nil	
	4k	Specific comments of inspecting officer on waste dump management	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

5. Solid Waste Management-Backfilling (FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
5b	Area under backfilling of mined out area	No Valid Proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Valid Proposal	Nil	
5d	Total area fully reclaimed & rehabilitated (Ha)	No Valid Proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

6. Progressive Mine Closure Plan (FY 2022-23)

S.N.	Item	Proposals	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	As per rule 26(2) of MCDR 2017, the holder of mining lease shall submit to the competent authority a yearly report as per the format specified by the Indian Bureau of Mines, before 1st day of July report every year along with annual return	Submitted along with annual return for 2022-23	Nil
6b	Area available for rehabilitation (Ha)	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
6c	Afforestation done (ha)	No Valid Proposal	Nil	
6d	No. of saplings planted during the year	No Valid Proposal	5100 nos	
6e	Cumulative no. of plants	No Valid Proposal	11100 nos	
6f	Any other specific method of rehabilitation	No Valid Proposal	Nil	
6g	Cost incurred on watch & care during the year	No Valid Proposal	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	No Valid Proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	No Valid Proposal	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	No Valid Proposal	Nil	

1/293087/2024	6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	No Valid Proposal	Nil	
	6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No Valid Proposal	Nil	
	6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No Valid Proposal	Nil	
	6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	No Valid Proposal	Nil	
	6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No Valid Proposal	Nil	
	6p	Compliance of Environment monitoring (core zone & buffer zone)	No Valid Proposal	Nil	
	6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

7. Mineral Conservation (FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Valid Proposal	Nil	
7c	Different grade of mineral sort out at mine	No Valid Proposal	Nil	
7d	Any beneficiation process at mines	No Valid Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.		

8. Environment (FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Valid Proposal	Nil	Last Scheme of Mining was approved for the proposal period 2016-17 to 2020-21.
8b	Concurrent use or storage of topsoil	No Valid Proposal	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	No Valid Proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	No Valid Proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Valid Proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No Valid Proposal	Nil	
8g	Survival rate	No Valid Proposal	75%	
8h	Water sprinkling on roads to control airborne dust	No Valid Proposal	Nil	
8i	General remarks of inspecting officer	No valid Mining plan in existence for the proposal period 2022-23.		

1/293087/2024	on aesthetic beauty in and around mine area	Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form E is 01.11.2020.
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9. Compliance of Rule 45 (2022-23)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Timely submitted	No valid Mining plan in existence for the proposal period 2022-23. Notice of temporary discontinuance (Form E) of the mine has been submitted on 13.01.2021. Date of temporary discontinuance as mentioned in Form-E is 01.11.2020.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer and Manager appointed.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished in annual return submitted for 2022-23.	
9d	Scrutiny of Annual return on afforestation	No of saplings planted 5100 nos	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets (Rs 242658561)	
9k	Scrutiny of Annual return on mining Machineries	Nil	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(SUDIP RANJAN MAZUMDAR)

Indian Bureau of Mines