

MCDR INSPECTION REPORT

1	Name of Inspecting officer:	Mr. Madhavrao Sabre
2	Designation	Senior Mining Geologist
3	Accompanying mine official with Designation	Shri D.K.Singh- Mines Manager Shri Santosh Kumar, QP & Mine Geologist Shri Amit Biswas, QP & Geologist Shri Sunil Kumar, Geologist Shri Rajesh Kumar Sinha, Surveyor
4	Date of Inspection	02.11.2023
5	Previous Inspection date	18.02.2022

Part-I: General

S.No	Particulars	Details
1	Name of the Mine	Chulhi and Majhiyar Limestone Mines
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	176.619 Hect.
3	Mine code	38MPR35358
4	IBM Registration Number under rule 45 of MCDR,1988	267
5	Name of the lessee, Address, Phone, email and fax number	M/s- Prism Johnson Limited, Village- Mankahari Po-Bathia, Rampur Baghelan, District: Satna,State: Madhya Pradesh, Pin- 485111. Phone- 07672-275301/02, 275621/22 E mail- mines.office@prismjohnson.in Fax-07672-275303 Mob. No- +91-9589085700
6	Village	Chulhi and Majhiyar
7	Taluka/Mandal	Kotar
8	District	Satna
9	Pin code	485111
10	State	Madhya Pradesh
11	Post Office	Bathia
12	Nearest Police Station	Kolgawa
13	Nearest Railway Station	Satna
14	Date of opening of Mine	07.12.2021
15	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Vivek K.Agnihotri, Executive Director- Cement,Prism Cement Limited,Rahejas 2nd Floor, Main Avenue, V.P.Road, Santacruz(W), Mumbai, Pin-400054. Phone- 07672-275301 Email- vivek.agnihotri@prismjohnson.in Fax- 07672-275303 Date of appointment- 17.08.2015

16	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Name- Shri Vinod Shrivastava Address- Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111, Phone- 9584464612 Email- vinod.shrivastava@prismjohnson.in Fax- 07672-275303 Date of appointment - 20.10.2019
17	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name- Shri Dharmendra Kumar Singh Address- Vi-Mankahari Po-Bathiya,Rampur Baghelan,District: Satna,State: Madhya Pradesh Pin-485111 Phone- 9589085700 Email- dharmendra.singh@prismjohnson.in Fax- 07672-275303 Date of appointment – 10.11.2022
18	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Name- Shri Dharmendra Kumar Singh Qualification- Diploma in Mining & First Class Mines Manager Experience- 9 Years Address- Vi-Mankahari Po-Bathiya, Rampur Baghelan, District: Satna, State: Madhya Pradesh Pin-485111 Phone- 9589085700 Email- dharmendra.singh@prismjohnson.in Fax- 07672-275303 Date of appointment – 10.11.2022
19	Whether Geologist (with details of appointment) and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
20	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	MP/Satna/LST/MPLN/Mod-36/2021-22, Dated-25.03.2022.
21	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Letter no. E 8818 MCDR-MPC0LST/48/2023-JBP-IBM_RO_JBP dated 07/02/2024 Period : 2024-25 to 2028 29
22	Mineral(s) granted in lease and approved for Mining	Limestone
23	Method of Mining (Opencast, Underground)	Opencast
24	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
25	Captive/Non-Captive	Captive

Details about Mining Plan/ Review of Mining Plan etc

a) Letter No. and date of approval of mining plan	:	MP/Satna/LST/MPLN/Mod-36/2021-22 Dated- 25.03.2022.
b) Letter No. and date of approval of review of mining plan	:	Letter no. E 8818 MCDR-MPC0LST/48/2023-JBP-IBM_RO_JBP dated 07/02/2024 Period : 2024-25 to 2028 29
c) Condition while approving the MP/ RMP/ modification	:	Nil
d) Period of mining plan/ mining scheme in force:	:	2024-25 to 2028 29

PART III-MCDR Report details.

1. **Scientific Mining:** Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year (before 2022-23)	22 Boreholes (2022-23)	22 Boreholes (2022-23)	-
1b	Exploration over lease area for Geological axis 1 or 2 (for 2022-23)	48.156 Hect.	52.577 Hect.	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year (for 2022-23)	Prism Johnson Limited	Prism Johnson Limited	-
1d	Balance area to be explored to bring the Geological axis in 1 or 2. (for 2023-24)	61.776 Hect.	51.619 Hect. (to be conducted)	-
1e	Balance reserves as on 01.04.2023	19309000 mt.	19,722,136 mt.	-
1f	General remarks of Inspecting officer on geology, exploration etc.	Exploration is taken up by drilling 22 boreholes during the RY.		

2. Development (FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit-01, Pit-02 & Pit-03	Pit-01 & Pit-02	Violation for deviation pointed
2b	Separate benches in topsoil overburden and mineral (Rule 15)	<u>Pit-01 & Pit-02</u> TS & Sub soil-01 Bench Lst-01 Bench <u>Pit-03</u> TS & Sub soil-01	<u>Pit-01 & Pit-02</u> TS & Sub soil-01 Bench Lst-01 Bench	-

		Bench Lst-02 Bench		
2c	Stripping ratio or ore to OB ratio	Pit-01- 1:0.21 Pit-02- 1:0.31 Pit-03- 1:0.39	Pit-01- 1:0.21 Pit-02- 1:0.31	-
2d	Quantity of topsoil generation in m3	59610 m3	9041 m3	Violation pointed for less top soil production.
2e	Quantity of overburden generation in m3	1,59,172 m3	39868 m3	Violation pointed for less Overburden production.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Violation pointed for less top soil and OB production.		

3. Exploitation FY 2022-23

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	03	02	Violation for deviation pointed
3b	Quantity of ROM mineral production proposed	500000	86864	Violation for deviation pointed
3c	Recovery of Salable/usable minerals from ROM production	100%	100%	-
3d	Quantity of mineral reject generation	0	0	-
3e	Grade of mineral reject generation and threshold value declared	NA	NA	-
3f	Quantity of sub-grade mineral generation	NA	NA	-
3g	Grade of sub-grade mineral generation	NA	NA	-
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanized method	-
3i	Any analysis or beneficiation study proposed & carried	No subgrade generated	No subgrade generated	-

	out for sub-grade mineral and reject					
3j	Provision of drilling & blasting in mineral benches	DTH Drilling & Controlled Blasting		DTH Drilling & Controlled Blasting		-
3k	Provision of mining machineries in mineral benches	HEMM		HEMM		-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, permission available		Yes, permission available		-
3m	Total area covered under excavation /pits (Ha.)	5.961 Hect.		0.904 Hect.		-
3n	Ore to OB ratio for the pit/mine during the year	Pit-01- 1:0.21 Pit-02- 1:0.31 Pit-03- 1:0.39		Pit-01- 1:0.21 Pit-02- 1:0.31		-
3o	Total area put in use under different heads at the end of year	9.66 Hect.		2.524 Hect.		-
3p	Production of ROM mineral during last five-years period, as Applicable	2022-23	500000	2022-23	86864	-
3q	General remarks of inspecting officer on method of mining etc.	Against the target proposal of 500000 T only 86864 Tonnes limestone produced, for this violation pointed.				

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)	Yes	Yes	-
4b	Location of topsoil, OB & mineral reject dumps	Within the Lease area	Within the Lease area	At some places dumping done outside the lease. Violation pointed.
4c	Number of Dumps within lease area and outside lease area	04	02	-
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Temporary dumps to be backfilled later	Temporary dumps to be backfilled later	-
4e	Number of Active & Alive dumps	04	02	-
4f	Number of dead dumps	NA	NA	-
4g	Number of dumps	NA	NA	-

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	established			
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	-
4i	Length of Retaining wall or garland drain all along dump	706m	992.0m	-
4j	Number of settling ponds	01	01	-
4k	Specific comments of inspecting officer on waste dump management	Garland drain constructed, At some places dumping done outside the lease. Violation pointed.		

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	Yes	Full extraction of mineral is yet to be done	-
5b	Area under backfilling of mined out area	Nil	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NA	NA	-
5d	Total area fully reclaimed & rehabilitated (Ha)	0.0 Ha	0.0 Ha	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling is yet to be started as full extraction of mineral is not achieved.		

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	Yes	Yes	-
6b	Area available for rehabilitation (Ha)	0	0	-
6c	Afforestation done (ha)	Yes	500 saplings planted	
6d	No. of saplings planted during the year	1000	500	Violation

				issued for deviation.
6e	Cumulative no. of plants	1000	500	-
6f	Any other specific method of rehabilitation	0	0	-
6g	Cost incurred on watch & care during the year	0	0	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Pit-01- 215 x 121 x 10 Pit-02- 173 x 161 x 7 Pit-03- 50 x 256 x 17	Pit-01- (47 x 43 x 10)m Pit-02- (128 x 167 x 10)m	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	0	0	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	0	0	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	0	0	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	0	0	-
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	0	0	-
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	0	0	-
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	0	0	-
6p	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	-
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	500 saplings planted against, the proposal of 1000 saplings, violation pointed.		

7. Mineral Conservation(FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatch	ROM mineral dispatch	
7b	Method of grade-wise mineral	NA	NA	

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	sorting i.e. manual or mechanical			
7c	Different grade of mineral sort out at mine	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral dispatch is done in the lease.		

8. Environment (FY 2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Yes	Yes	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Yes	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Yes	Yes	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling in Haul Roads, Wet drill machines	Water sprinkling in Haul Roads, Wet drill machines	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	500 saplings planted in the lease, water sprinkling is regularly done in lease area.		

9. Compliance of Rule 45 (2022-23)

S.N.	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	AR 2022-23 submitted on 29-6-2023 Monthly returns submitted in time.		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes furnished.		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O-C) Workings	0.90 4 Ha	
		(ii) Reclaimed-rehabilitated	0.00 0	
		(iii) Used for waste disposal	0.56 6 Ha	

		(iv) Occupied by plant, buildings, residential, welfare buildings and roads	0.64 1 Ha		
		(v) Used for Green Belt	0.41 3 Ha		
9d	Scrutiny of Annual return on afforestation	Yes, 500 saplings planted.			
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil			
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Yes, 86864 Tones Limestone produced and dispatched to captive plant			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex Mine Price: Rs 410.45/ tone, Captive lease.			
9i	Scrutiny of Annual return on Fixed assets	Yes, (₹ 72030843)			
9k	Scrutiny of Annual return on mining Machineries	Type of machinery	Capacity of each type of machinery	Unit (in which capacity is reported)	No. of machinery
		BACK HOE	2.900	CUM	2
		BACK HOE	2.600	CUM	1
		DUMPER	25.000	TONNE	8
		ROCK DRILL (NON-ELEC.)	110.000	MM	1