

**GENERAL INFORMATION**

<b>S.No.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine	Naubasta Limestone Mine
2	Total Lease area (Ha) with break-up of Non –forest and Forest Land	Total 171.362 Ha (Forest area 0.0 Ha) Non Forest 171.362 Ha).
3	Mine code	38MPR33035
4	IBM Registration Number under rule 45 of MCDr-1988	IBM/720/2011
5	Name of lessee, address, phone, email and Fax. No.	M/s Jaiprakash Associates Limited Jaypeenagar, Rewa, Madhya Pradesh. Pin 486450. Phone 07662-400700, Fax 0766229218 E-mail: jrp.mines@jalindia.co.in
6	Villages	Naubasta, Garhwa, n Atrauli & Sumeda
7	Taluka/Mandal/Tehsil	Hazur
8	District	Rewa
9	Pin Code	486450
10	State	Madhya Pradesh
11	Post office	Jaypee Nagar
12	Nearest Police Station	Naubasta
13	Nearest Railway Station	Turki Rai; way Station
14	Date of Grant of Mining Lease	29/4/2005
15	Date of Execution	8/8/2004
16	Date of opening of Mine	19/12/2006
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Manoj Gaur, House No 9/27 Vasant Vihar, New Delhi, 110057, Phone 9755012211. Fax 0766229218 E-mail: manoj.gaur@jalindia.co.in Date of appointment:-25/09/2020
21	Name of the Mine Agent with Address,	Shri Satyendra Kumar Sharma

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	phone, email, fax number and date of appointment	Jaypeenagar,Rewa,Madhya Pradesh. Pin 486450. Phone 07662400700, Fax 0766229218 E-mail-satyak.sharma@jalindia.co.in Date of appointment:-06/11/2021
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Anand Kumar Mishra, Jaypeenagar,Rewa,Madhya Pradesh. Pin 486450. Phone 07662-400700, Fax: 0766229218 E-Mail:jrp.mines@jalindia.co.in Date of appointment:-12/06/2021
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Anand Kumar Mishra, Qualification:-BTech (Mining) Total Experience:-10 Jaypeenagar,Rewa,Madhya Pradesh. Pin 486450. Phone 07662-400700, Fax: 0766229218 E-Mail:jrp.mines@jalindia.co.in Date of appointment:-03/08/2021
24	Name of the Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Amit Ranjan Qualification:-MSc (Geophysics) Total Experience:-16 Jaypeenagar,Rewa,Madhya Pradesh. Pin 486450. Phone 07662-400700, Fax: 0766229218 E-Mail:jrp.mines@jalindia.co.in Date of appointment:-09/06/2017
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	-
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Date of Approval of Review of Mining Plan :21/4/2021 Period of Proposal From 2021-22 to 2025-26
28	Minerals(s) granted in lease and proved for mining	Limestone
29	Method of Mining(open Cast, Underground)	Open cast
30	Category (Fully Mechanized, Others or Manual.	Fully Mechanized
31	Captive/Non captive	Captive

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**MCDR inspection REPORT**

**Jabalpur regional office**

**Mine file No :** MP/REWA/LST-44

**Mine code :** 38MPR33035

- (i) Name of the Inspecting : **N008** ) **KATHROJU NAVEEN**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri SANTANU KUMAR MAHAPATRA (Sr.GM)  
Official with  
Designation
- (iv) Date of Inspection : 28-JUL-23
- (v) Prev.inspection date : 07-FEB-19

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **NAUBASTA (183.937 HA)**
- (b) **Registration NO.** : **IBM/720/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **MADHYA PRADESH**
- District : **REWA**
- Village : **NAUBASTA**
- Taluka : **HUZUR**
- Post office : **JAYPEE NAAGAR**
- Pin Code : **486450**
- FAX No. : **07662-229218**
- E-mail : **jrp.mines@jalindia.co.in**
- Phone : **0662-229212-229217**
- (f) **Police Station** : **Naubasta**
- (g) **First opening date** : **11-NOV-05**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** :  
**correspondance** **JAIPRAKASH ASSOCIATES LTD.**  
**P.O. JAYPEE NAGAR,DIST. REWA (M.P.) 486450**
3. (a) **Lease Number** : **MPR2162**
- (b) **Lease area** : **171.36**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **08-AUG-55**
4. **Mineral worked** : **SHALE** **Associated**  
**LIMESTONE** **Main**

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## 5. Name and Address of the

Lessee : JAIPRAKASH ASSOCIATES LTD.  
P.O. JAYPEE NAGAR, REWA  
MADHYA PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : JAIPRAKASH ASSOCIATES LTD.  
P.O. JAYPEE NAGAR, REWA  
MADHYA PRADESH  
Phone: +911126141540  
FAX : N. A.

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	29-DEC-04
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	16-MAY-11
	:	MP modif under MCR 1960	30-JUL-16
	:	MP modif under 17(3) MCR 2016	18-OCT-19

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## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Proposed 10 bore holes in the year 2021-22	Completed in 2022.	
1b	Exploration over lease area for geological axis 1 or 2	proposed to explore G1 level	Explored under G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Jaiswal Enterprises, Bhopal & Rs 1066700/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	Nil	
1e	Balance reserve as on 01/04/20	6.83 Million Tonne	7.96 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			As per the last approved Review of Mining plan dated 21.04.2021 the balance reserves were 86,80,000MT out of which it is Produced 7,21,376 against the proposed 18,56,880 MT. hence balance reserves as on 01.04.2023 are 79,58,624 MT.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Proposed to develop on western part of the lease	Very less area developed in the RY	
2c	Stripping ratio or ore to OB ratio	1:0.30	No OB/Waste extracted during the RY.	
2d	Quantity of topsoil generation in m3	129135	Nil	

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2e	Quantity of overburden generation in m3	149645	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Neither the OB not the Top soil has excavated from the Mine during the RY against which violation has issued under rule 11(1).

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	9,28,580 T	29,056 T	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	Not applicable	
3f	Quantity of sub grade mineral generation.	Not proposed	Nil	
3g	Grade of sub grade mineral generation	Not proposed	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed	Not applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Not applicable	

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3j	Provision of drilling and blasting in mineral benches	Yes proposed	As per the proposal	
3k	Provision of mining machineries in mineral benches	Yes proposed	As per the proposal	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	As proposed	
3m	Total area covered under excavation/pits			
3n	Ore to OB ratio for the pit/mine during the year.	1:0.30	0	
3o	Total area put in use under different heads at the end of year	6.60 ha	1.00 ha	
3p	Production of ROM mineral during the last five year period as applicable	2019-20 1525073 2020-21 1786703 2021-22 928300 2022-23 928580 2023-24 (Till Date) 928313	2019-20...1365641 2020-21....1311386 2021-22....692360 2022-23.....29056 2023-24 (Till Date)...704	
3q	General remarks of inspecting officers on method of mining etc.			Only 29,056 Tonnes of Limestone was produced against the proposed ROM production of 9,28,580 Tonnes during 2022-2023 against which the violation has issued under rule 11(1) of MCDR-2017.

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**Solid Waste Management - Dumping:**


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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not proposed	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	Not proposed	Not applicable	
4c	Number of dumps within lease area and outside of lease area	Not proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not applicable	
4e	Number of active and alive dumps.	Not proposed	Nil	
4f	Number of dead dumps.	Not proposed	Nil	
4g	Number of dumps established.	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Nil	
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			The total generated waste was proposed to backfill the exhausted area.

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Fully extraction of mineral & Backfilling is proposed on simultaneous basis.	As the OB generation has not been carried no backfilling done.	



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5b	Area under backfilling of mined out area	3.02 ha	0 ha	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Top soil is being used for rehabilitation of mined out area.	As per proposal	
5d	Total area fully reclaimed and rehabilitated			
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Backfilling has not carried out as proposed during the RY due to no OB or waste generated during the RY.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes to be submitted	Submitted	
6b	Area available for rehabilitation (ha) .	3.02 ha	0 ha	
6c	afforestation done (ha).	1.0 ha	0 ha	
6d	No. of saplings planted during the year	2000	2000	
6e	Cumulative no .of plants	NA	193626	
6f	Any other method of rehabilitation	Not proposed	Not applicable	
6g	Cost incurred on watch and care during the year	32000	32000	

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6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not available	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	3.02 ha	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	1.0 ha	Around 2000 sapling splanted on the backfilled area.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not proposed	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Not proposed	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not proposed	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not proposed	Nil

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6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes proposed	Monitoring.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			As the OB generation not been done during the RY the PMCP activities are not as per the proposal.

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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatch is proposed for the captive plant	ROM is being dispatched from the mine to the Captive Cement Plant.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	Not applicable	
7c	Different grade of mineral sorted out at mines.	Not proposed	Not applicable	
7d	Any beneficiation process at mines	Not proposed	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No grade wise dispatch is proposed the produced ROM is being used at the captive cement plant.

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Top soil not been excavated.	

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8b	Concurrent use or storage of topsoil	Used for Backfilling	No top soil excavated for concurrent use
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes proposed backfilling	Backfiling has not been carried out as the OB has not been excavated during the RY.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes	Not Carried out.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed 2000 saplings	2000 saplings planted during the RY
8g	Survival rate	85%	85%
8h	Water sprinkling on roads to control airborne dust	Yes proposed	As per the proposal
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Back filling has not been carried out as the Ob rxtraction not doen during the RY against which violation is issued under rule 11(1).

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns		Monthly return and Annual return submitted on time.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer Shri. Rameshwar Singh. Geologist Shri. Amrit Ranjan	Mining Engineer Shri. Rameshwar Singh. Geologist Shri. Amrit Ranjan
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Exploited and abandoned :132 ha Pits: 9.560 ha R&R: 61.540 ha Others:1.50 ha	Exploited and abandoned :132 ha Pits: 9.560 ha R&R: 61.540 ha Others:1.50 ha
9d	Scrutiny of Annual return on afforestation	Trees planted 2000 Cumulative 195626	Trees planted 2000
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not reported	Not found.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Reported 34T of Cement grade stock	No stock found.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine price is rupees 410/-	As it is the captive mine Sale value not available and Ex mine price is rupees 410/-
9h	Scrutiny of Annual return on fixed assets	Value of Fixed Assets (565501896)	Captive plant , Machinery and other infracture found.
9k	Scrutiny of Annual return on mining machineries	HOVEL (HYDRAULIC) 3.200 CUM 2 SHOVEL (HYDRAULIC) 4.200CUM 2 DUMPER 35.000 TONNE 4 DUMPER 55.000 TONNE 1 ROCK DRILL (NON-ELEC.) 150.000 MM 2 DOZER 280.000 HP 1	HOVEL (HYDRAULIC) 3.200 CUM 2 SHOVEL (HYDRAULIC) 4.200CUM 2 DUMPER 35.000 TONNE 4 DUMPER 55.000 TONNE 1 ROCK DRILL (NON-ELEC.) 150.000 MM 2 DOZER 280.000 HP 1

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

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

**Date :****(KATHROJU NAVEEN)**

Indian Bureau of Mines

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

S.No	Violation Under Rule	Issued on	Compliance Received	SCN Issued on	Compliance Received
01	11(1)	14.08.2023	-	-	-
02	31(4)	14.08.2023	-	-	-
03	34A	14.08.2023			