

MCDR Inspection Report 2022-23(RY)**General Information**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	BATHIA KALA LIMESTONE MINES 11/12/2023 S
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	107.785 (HA.)
3	Mine code	38MPR35294
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/4190/2011
5	Name of the Lessee, Address, Phone, email and fax number	M/s SHRI MARUTAYE BALAJI STEELS LTD. NARAYANI KUNJ, DALIBABA CHOWK, SATNA (M.P.) -485001 MOB: 9425810572 EMAIL: SMBSLKOLKATA@GMAIL.COM
6	Village	BATHIA KALA
7	Taluka/Mandal	RAGHURAJ NAGAR
8	District	SATNA
9	Pin code	485114
10	State	MADHYA PRADESH
11	Post Office	SAGMANIA
12	Nearest Police Station	KOLGAWAN
13	Nearest Railway Station	SATNA
14	Date of Grant of Mining Lease	29.09.2004
15	Date of Execution	22.07.2004
16	Date of opening of Mine	19.11.2021
17	Date of First Renewal, if applicable and its period & expiry	NA
18	Date of Second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	SHRI MORDHWAJ MISHRA, BEHIND KOLGAWAN POWER HOUSE, J R BIRLA ROAD, SATNA (M.P.) – 485001 EMAIL ID: smbslkolkata@gmail.com MOB: 9425810572
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	SHRI ANIL KUMAR S/O SHRI KAMESHWAR PRASAD SINGH 402, SHAMBIKA PATH, NEW DILLIYA

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		DEHRI-ON-SONE, DISTT – ROHTAS (BIHAR) PIN-821307 DATE OF APPOINTMENT: 15.02.2021
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	SHRI ANIL KUMAR S/O SHRI KAMESHWAR PRASAD SINGH 402, SHAMBIKA PATH, NEW DILLIYA DEHRI-ON-SONE, DISTT – ROHTAS (BIHAR) PIN-821307 DATE OF APPOINTMENT: 15.02.2021
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	SHRI ANIL KUMAR B. E. (MINING ENGG.) Exp – 25 yrs S/O SHRI KAMESHWAR PRASAD SINGH 402, SHAMBIKA PATH, NEW DILLIYA DEHRI-ON-SONE, DISTT – ROHTAS (BIHAR) PIN-821307 DATE OF APPOINTMENT: 15.02.2021
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	YES
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	08/12/2003 2004-05 to 2008-09 NO SPECIFIC CONDITION
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	13/09/2022 2022-23 to 2023-24 NO SPECIFIC CONDITION
27	Mineral(s) granted in lease and approved for Mining	LIMESTONE
28	Method of Mining (Opencast, Underground)	OPENCAST
29	Category (Fully Mechanized, Others or Manual)	MECHANIZED
30	Captive/Non-Captive	NON-CAPTIVE

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Proposed 30 boreholes during the RY 202-23.	Exploration not carried out as proposed	The proposals are rectified during the process of RMP.
1b	Exploration over lease area for Geological axis 1 or 2.	Proposed to bring the lease area under G1	Area under G1: 22.21 hect. Area under G2: 23.22 hect. Area under G3: 57.03 hect. Area under G4 : 0 Non mineralized : 0	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Exploration not carried out as proposed	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Proposed to bring the entire potentially mineralized area under G1	85.475 ha area to be explored to bring under G1 level.	
1e	Balance reserves as on 01.04.2023	12602760	12.67385 MT	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per the last approved Modification of Mining plan dated 13/09/2022 the reserves available on 01.07.2022 are 111 4.89 MT and 122 7.83 MT out of which it is proposed to produce 150000 T where as the depleted reserves from 01.07.2022 to 01.04.2023 are 46,150T thus the balance reserves as on 01.04.2023 are 12.67385 MT including 111 and 122.		

Development

S. N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	NORTH BLOCK	NORTH BLOCK	The deviation in proposals are revised during the RMP processing.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	YES	YES	
2c	Stripping ratio or ore to OB ratio	0	0.18	
2d	Quantity of topsoil generation in m ³	NIL	NIL	
2e	Quantity of overburden generation in m ³	0	10788.057	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	The deviation in proposed locations observed as the lessee has not achieved the targeted production for the RY 2022-23 the same proposals are revised during the RMP processing		

Exploitation

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed (2022-23) (IN TONS)	150000	57400	
3c	Recovery of Salable/usable mineral from ROM production	150000	57400	
3d	Quantity of mineral reject generation	Not proposed	NIL	
3e	Grade of mineral reject generation and threshold value	Not proposed	NIL	

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	declared				
3f	Quantity of sub-grade mineral generation	Not proposed		NIL	
3g	Grade of sub-grade mineral generation	Not proposed		NIL	
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed		NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed		NIL	
3j	Provision of drilling & blasting in mineral benches	YES		YES	
3k	Provision of mining machineries in mineral benches	YES		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 (Ha)	2.1		2.1	
3n	Ore to OB ratio for the pit/mine during the year	Not proposed		1:0.18	
3o	Total area put in use under different heads at the end of year (Ha)	5.60		5.58	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	150000	NIL	Mine Opening Date is 19/11/2021
		2020-21	150000	NIL	
		2021-22	150000	60926	
		2022-23	150000	57400	
		2023-24	700010	57400	
3q	General remarks of inspecting officer on method of mining etc				

Solid Waste Management-Dumping

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	In Northern part of the lease	As per the proposal	
4c	Number of Dumps within lease area and outside lease area	Within lease area =01	Within lease area =01	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	OB dump towards NW	OB dump towards NW	
4e	Number of Active & Alive dumps	01	01	
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	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management			

Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Pit has not exhausted.	
5b	Area under backfilling of mined out area	Not proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	YES	YES	BEING USED FOR PLANTATION
5d	Total area fully reclaimed & rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

Progressive Mine Closer Plan

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	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	NIL	NIL	
	ii) Afforestation done (ha)	1.0	0.70	
	iii) No.of saplings planted during the year	1000	700	
	iv) Cumulative no. of plants	2000	1350	
	v) Any other specific method of rehabilitation	Not proposed	NIL	
	vi) Cost incurred on watch & care during the year	Not proposed	20000/- As reported by lessee	
6c	Compliance on reclamation and rehabilitation by backfilling	Not proposed	Nil	
	i) Voids available for backfilling (L*B*D)	Not proposed	Nil	
	ii) Void filled by waste/tailings	Not proposed	Nil	
	iii) Afforestation on the backfilling	Not proposed	Nil	
	iv) Rehabilitation by making water reservoir	Not proposed	Nil	
	v) Any other specific means	Not proposed	Nil	
6d	Compliance of Rehabilitation of waste land within lease	Not proposed	Nil	
	i) Afforestation	Not proposed	Nil	
	ii) Area rehabilitation	Not proposed	Nil	
	iii) Method of rehabilitation	Not proposed	Nil	

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		d		
6e	Compliance of Environment monitoring (core zone & buffer zone)	YES	YES	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Back filling has not been proposed as the mineral has not exhausted in the subject mine.		

Mineral Conservation

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 sorting i.e. manual or mechanical	Not proposed	NA	
7c	Different grade of mineral sort out at mine	Not proposed	NA	
7d	Any beneficiation process at mines	Not proposed	NO	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mineral Beneficiation not proposed .		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	YES	YES	
8b	Concurrent use or storage of topsoil	YES	YES	Being used for plantation
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed	NA	There is no rejects / fines

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	NIL	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	2000	1350	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly return and annual return submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	. Mining Engineer in charge: Shri. Anil Kumar Geologist in charge : Shri Sushant Kumar Saha	Violation issued under Rule 45(7) for furnishing the incorrect geologist details.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 2.02 ha Used for waste disposal 0.650 ha	
9d	Scrutiny of Annual return on afforestation	700 saplings planted during the year.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Not furnished.	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Cement grade limestone Stock 64571 T given	

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9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Cement grade Ex mine price 324 Slave value furnished 374	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹16246826)	
9k	Scrutiny of Annual return on mining Machineries	<ol style="list-style-type: none"> 1. BACK HOE 2 2. TIPPER 16.000 CUM 6 3. BLAST HOST DRILL 110 MM 1 4. AIR COMPRESSOR 465.000 CUM/MN 1 5. WATER TANKER 10K LITRE 1 6. PUMPS (NON-ELEC.) 2200.000 	

Details of Validations 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)	06.05.2024	-	-	-
02	45(7)	06.05.2024	-	-	-