

**MCDR INSPECTION REPORT****General Information**

S.N.	Particulars	Details
1	Name of the Mine	SALAIYA PAHARHAI (4.12 Ha)
	Date of Inspection:	15/09/2023
	Name of Inspecting Officer	Kathroju Naveen
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease Area – 4.12 Ha Non-forest – 4.12 Ha Forest land – Nil
3	Mine code	38MPR47128
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/744/2011
5	Name of the Lease, Address, Phone, email and fax number	Salaiya Paharhai (4.12 Ha) Lessee - Sri Madan Lal Grower House No 286, Ballabhdas Agrawal Ward No 25, Civil Line, Katni Mo. No. 9425153943 Email - ranjan_grover4@yahoo.com
6	Village	Salaiya Paharhai
7	Taluka/Mandal	Vijayraghogarh
8	District	Katni
9	Pin code	483880
10	State	Madhya Pradesh
11	Post Office	Diwan siding
12	Nearest Police Station	Kymore
13	Nearest Railway Station	Jhukehi- 5.0 km
14	Date of Grant of Mining Lease	29/06/2009
15	Date of Execution	22/07/2009
16	Date of opening of Mine	10/09/2009
17	Date of First Renewal, if applicable and its period & expiry	1st extension for 50 year period from date 1st grant – 22/07/2039 To 21/07/2059
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	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	None
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Ram Bihari Bagri C/o Sri Madan Lal Grower House No 286, Ballabhdas Agrawal Ward No 25, Civil Line, Katni Date of appointment – 10/05/2023
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Ram Bihari Bagri Qualification – Bachelor of Engineering Total experience – 5 ½ Years C/o Sri Madan Lal Grower House No 286, Ballabhdas Agrawal Ward No 25, Civil Line, Katni Date of appointment – 10/05/2023

1/30613/2024	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.	Date of Approval of Modification of Mining Plan - 18/06/2019 Proposal Period - 18/06/2019 to 31/03/2024
	26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
	27	Mineral(s) granted in lease and approved for Mining	Limestone and Dolomite
	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	Not proposed	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Explored in G1 level	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not proposed	Entire lease area is explored Under G1	
1e	Balance reserves as on 01.04.2023	893661 T	895812 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per the last approved Review of Mining Plan the reserves available are 1092888 T Out of which it is proposed to produce 199227 T against which 197076 T are produced hence balance reserves are 895812 T .		

### Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area.	Proposed in E 447350 to E447450 and N 2652850 to N 2653000 E 447550 to E 447650 and N 2652850 N 2652950.	The deviation in the proposed location found between N 2652900 to2653000and E 447350 to E 447450.	Violation is issued under Rule 11(1).
2b	Separate benches in topsoil	Proposed Separate benches	Benches not maintained separately	Violation is issued under Rule 11(1)

1/30613/2024	overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio	1:1.10	1:2.24	
2d	Quantity of topsoil generation in m3	11628 Cu.m	13100 Cu.m	
2e	Quantity of overburden generation in m3	10525 Cu.m	22250 Cu.m	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	The Deviation in the proposed location observed against which the violation is issued under Rule 11(1).		

### Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	02	02	
3b	Quantity of ROM mineral production proposed (2022-23)	49972 T	49950 T	
3c	Recovery of Salable/usable mineral from ROM production	499972T	49950T	
3d	Quantity of mineral reject generation	Not proposed	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	NA	
3f	Quantity of sub-grade mineral generation	Not proposed	NA	
3g	Grade of sub-grade mineral generation	Not proposed	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NA	
3j	Provision of drilling & blasting in mineral benches	Yes proposed	As per the proposal	
3k	Provision of mining machineries in mineral benches	Yes proposed	Not proposed.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed 6m bench height	Bench height not maintained	Violation is issued under Rule 11(1)
3m	Total area covered under excavation /pits	2.27 ha	2.46 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:1.10	1:2.24	
3o	Total area put in use under different heads at the end of year	3.27 ha during the proposal period.	3.05 ha	

I/30613/2024	3p Production of ROM mineral during last five-years period, as Applicable	2018-2019	49976T	38390T	
		2019-2020	49947 T	49900 T	
		2020-2021	49990 T	49856 T	
		2021-2022	49318 T	47370 T	
		2022-2023	49986 T	49950 T	
3q	General remarks of inspecting officer on method of mining etc	The deviation in proposed bench parameters observed against which the violation is issued under Rule 11(1).			

### **Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed separate dumping	Top soil separately dumping.	
4b	Location of topsoil, OB & mineral reject dumps	Within the lease	As per the proposal.	
4c	Number of Dumps within lease area and outside lease area	01	01	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Within the lease	As per the proposal	
4e	Number of Active & Alive dumps	Not proposed	NA	
4f	Number of dead dumps	Not proposed	NA	
4g	Number of dumps established	Not proposed	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	
4j	Number of settling ponds	Not proposed	NA	
4k	Specific comments 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	Lease area has not completely exhausted	
5b	Area under backfilling of mined out area	0.32 ha	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Proposed	As per the proposal	
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 26(2). Details should be given in the format as given in Annexure-20	To be submitted	Yes submitted	
6b	Management of worked/mined out benches			
	Area available for rehabilitation (Ha)	Not proposed	Not available	
	Afforestation done (ha)	Not proposed	Not available	
	No.of saplings planted during the year	Not proposed	Not available	
	Cumulative no. of plants	Not proposed	Not available	
	Any other specific method of rehabilitation	Not proposed	Not available	
	Cost incurred on watch & care during the year	Not proposed	Not available	
6c	Compliance on reclamation and rehabilitation by backfilling			
	Voids available for backfilling (L*B*D)	2800	030 ha	
	Void filled by waste/tailings	1000		
	Afforestation on the backfilling	500	40 plants	
	Rehabilitation by making water reservoir			
Any other specific means				
6d	Compliance of Rehabilitation of waste land within lease Afforestation Area rehabilitation Method of rehabilitation	Not proposed	NA	

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6e	Compliance of Environment monitoring (core zone & buffer zone)	Not proposed.	NA	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM dispatch is proposed	ROM dispatched.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Nil	
7c	Different grade of mineral sort out at mine	Not proposed	Nil	
7d	Any beneficiation process at mines	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NO grade wise sorting proposed produced ROM is being dispatched.		

### Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed Separate Removal	Stacking	
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	
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	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)	2500	50	
8g	Survival rate	85	85	
8h	Water sprinkling on roads to control airborne dust	Yes	As per the proposal.	
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 on time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	. Mining Engineer in charge: MANOJ KUMAR ROY.  Geologist in charge : SHUBHAM MISHRA	Ram Bihari Bagri Is the present Mining Engineer.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings 1.90 ha Used for waste disposal 1.20 ha Reclaimed-rehabilitated 0.35 ha	
9d	Scrutiny of Annual return on afforestation	50 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	2.86 T of closing stock reported.	
9g	Scrutiny of Annual return on sale value, Ex.Mine price & production costs	Cement grade Ex mine price 404.31 Slave value furnished 404.31	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹ 1900804)	
9k	Scrutiny of Annual return on mining Machineries	FRONT END LOADER 1.2 CU 1 DUMPER 16.000 T 4 DUMPER 10.000 T 4 WATER TANKER 5000.000 LITRE 1	

S.No	Violation Under Rule	Issued on	Compliance Received	SCN Issued on	Compliance Received
01	11(1)	31.10.2023	-	08.01.2024	15.02.2024
02	31(4)	31.10.2023	-	08.01.2024	15.02.2024