

INSPECTION DATASHEET For The Year 2024-25**General**

S.N.	Particulars	Details
1	Name of the Mine	Salaiya Bauxite Mine
	Date of Inspection:	24/06/2024
	Name of Inspecting Officer	Shri Raghubir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	16.18 Hect.
3	Mine code	07MPR33006
4	IBM Registration Number under rule 45 of MCDR,1988	Reg. No. IBM/7097/2011
5	Last Inspection Details	Inspecting officer – Shri Madhavrao Sabre, SMG Date of Inspection – 27/05/2023 Violation Point out – 11(1),12, 31(4), 33, 34A(2) & 45(7) vide letter dated 03/11/2023 Compliance considered rules 11(1),12, 31(4) & 33 on 18/12/2023. Show cause notice issued for violation of rule 34A(2) & 45(7) on 09/01/2024 and both the rules i.e 34A(2) & 45(7) considered complied on 25/01/2024 .
6	Mine official present during the inspection	Mohd. Kafil, Mining Engineer of the mine and Shri G.P.Garg, representative of lessee.
7	Name of the Lease, Address, Phone, email and fax number	Lessee :- Sri Surendra Singh Saluja, Nominated Owner M/s Madhya Pradesh Mineral Supply Co. Address : P.O.- Jaitwara Distt Satna MP Pin Code 485221 Email nikoonib@gmail.com
8	Village	Salaiya
9	Taluka/Mandal	Semariya
10	District	Rewa
11	Pin code	
12	State	Madhya Pradesh
13	Post Office	Kumhra Judwani
14	Nearest Police Station	Maihar
15	Nearest Railway Station	Rewa
16	Date of Grant of Mining Lease	08/11/1982
17	Date of Execution	08/11/1982 (lease period upto 07/11/2032)
18	Date of opening of Mine	08/11/1982
19	Date of First Renewal, if applicable and its period & expiry	21/12/2001(Lease period upto 07/11/2022)
20	Date of Second Renewal, if applicable and its period & expiry	10/10/2016 Lease period upto 07/11/2032)
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
22	Name of the Nominated Owner with Address, phone, email, fax number and date	Sri Surendra Singh Saluja, Nominated Owner M/s Madhya Pradesh Mineral Supply Co

I/34956/2024	of appointment	Adress-P.O.- Jaitwara Distt Satna MP Pin Code 485221 Phone No. 9575414141 Fax No. 07672252066 Email- nikkoonib@gmail.com
	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Sukhdeo Singh Mangat Adress- P.O.- Jaitwara Distt Satna MP Pin Code 485221
23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Momad Kafil, Adress, phone, email, fax number-As stated above Date of appointment-NA
24		
25	Name of the Mining Engineer, Qualification and total experiece with address, phone, email, fax number and date of appointment in the mine	Shri Momad Kafil, BE (Mining Engineering) Adress, phone, email, fax number-As stated above Date of appointment-NA
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes Shri Dharmendra Kumar Pandey
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	1. 31/10/2007(MP) per. 2003-04 to 2007-08 (2003-04 to 2006-07 laps period) 2. 31/03/2014(SOM) per.2013-14 to 2017-18 3. 12/11/2021(Mod.MPLN) per. 2021-22 to 2022-23 4. 21/07/2023(RMP) Per.2023-24 to 2027-28
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	RMP approved on 21/07/2023 Proposal period- 2023-24 to 2027-28
29	Mineral(s) granted in lease and approved for Mining	Bauxite
30	Method of Mining (Opencast, Underground)	Open cast
	Category (Fully Mechanized, Others or Manual)	Mechanised
	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	NA	Entire mineralized area i.e 9.5hect was considered explored under G1 level and rest 6.68hect area declared as non mineralized.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Entire mineralized area i.e.9.5hect was considered explored under G1 level	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	NOT proposed.	NOT applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	NOT proposed.	NOT applicable	
1e	Balance reserves as on 01.04.2024	111-791118.41T	111- 800792T	

1/34956/2024	General remarks of Inspecting officer on geology, exploration etc.	Entire mineralized lease area was considered under G1 level. The mineral reserve has been classified under G1 stage of confidence level based on the drilling carried, structural disposition, lithological exposures, local geology and results of exploration done. The lease area has occurrences of Refractory, cement and Alum grade bauxite.
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Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2749390 to N2749470 and E511935 to E512050	Almost as per proposal	
2b	Separate benches in top soil overburden and mineral (Rule 15)	Separate benches in overburden and mineral proposed	As per proposal.	
2c	Stripping ratio or ore to OB ratio	1:0.159	1:0.16	
2d	Quantity of topsoil generation in m ³	Not envisaged as there is no top soil.	Nil	
2e	Quantity of overburden generation in m ³	6368cum	5000cum	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	As per proposal there is one-one bench in OB and mineral. Development of the pit was found as per proposal.		

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	-
3b	Quantity of ROM mineral production proposed (2022-23)	40008.41tones	30335tones	-
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	-
3d	Quantity of mineral reject generation	Nil	Nil	-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral generation	Nil	Nil	-
3h	Manual/Mechanized method adopted for segregation from ROM	Manual as well as Mechanised Method proposed for segregation	Manual as well as Mechanised Method proposed for segregation	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil		
3j	Provision of drilling & blasting in mineral benches	Not proposed	Not applicable	

1/34956/2024	3a	Provision of mining machineries in mineral benches	Proposed	Hydraulic Shovel with 1.2cum bucket capacity and dumper 25tonner ,7 no.	-
	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	Not specified	About 4.5 ha	-
	3n	Ore to OB ratio for the pit/mine during the year	1:0.15	1:0.16	-
	3o	Total area put in use under different heads at the end of year	6.29 ha at end of fifth year	Almost as per approved proposal.	-
	3p	Production of ROM mineral during the last five-year period as applicable(proposed/ actual)	2019-20	NA	Nil
			2020-21	NA	Nil
			2021-22	NA	Nil
			2022-23	40010	22499
			2023-24	40008	30335
	3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination. Note-Environmental clearances acquired on 01/09/2022. Production achieved only after getting EC.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	There is no proposal for separate dumping of top soil as there is no top soil in the lease area.	There is no generation of top soil so question do not arise.	As per proposal.
4b	Location of topsoil, OB & mineral reject dumps	Not proposed as there is no top soil.	Not applicable as there is no top soil generation,	
4c	Number of Dumps within lease area and outside lease area	Dumping of OB not proposed	OB is utilized for making of bund along the lease boundary line as proposed in approved RMP	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not applicable.	
4e	Number of Active & Alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps established	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	

I/34956/2024	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	As stated earlier occurrences of top soil not considered. Only generation of overburden considered that too in reality utilized in preparation of bund along the lease boundary line as per approved proposal.		

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	Area not matures to start backfilling.	Nil
5b	Area under backfilling of mined out area	Not proposed.	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not applicable as stated earlier.	Nil
5d	Total area fully reclaimed & rehabilitated	Not Proposed	Not applicable as stated earlier.	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Backfilling of mined out area not proposed in view of hilly blanket deposit.		

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		Submitted with AR,2023-24.	None
6b	Management of worked/mined out benches	Nil	Nil	Nil
	i) Area available for rehabilitation (Ha)	Not proposed	NA	
	ii) Afforestation done (ha)	Not proposed	NA	
	iii) No. of saplings planted during the year	Not proposed	NA	
	iv) Cumulative no. of plants	Not proposed	NA	

I/34956/2024	v)	Any other specific method of rehabilitation	NA	NA	Nil
	vi)	Cost incurred on watch & care during the year	Not proposed.	NA	Nil
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means		Not proposed Not proposed Not proposed Not proposed Not proposed	NA NA NA NA NA	None
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation		500 No 0.2 hect plantation	700 no. 0.2 Plantation	Green belt area.
6e	Compliance of Environment monitoring (core zone & buffer zone)		Yes	Yes	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations		Periodic monitoring is being carried out by outsourced consultant.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM dispatch- Nil Dispatch of mineral proposed after manual sorting as well as screening at mine site	ROM Dispatch Nil Cement Grade bauxite dispatch- 4068.1 tone	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual as well as mechanical method	Manual as well as screening method is being used for segregation	Nil
7c	Different grade of mineral sort out at mine	Refractory, Chemical and Cement grade	Refractory as well as cement grade, chemical grade and cement grade .	-
7d	Any beneficiation process at mines	NA	Nil	Only Screening and Classification
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no mineral rejects/subgrade generation. ROM is being manually as w0% recovery of bauxite envisaged from ROM ore and rest is laterite. Manual sorting as well as mechanical screening is carried out at mine site for sorting of different grade of mineral from ROM ore.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	Not applicable as there is no physically soil generation.	Nil
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable as stated above.	Nil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Generation of OB envisaged in approved RMP.	In fact, there is no mine waste generation in the mine. Intercalated mine waste is also having market as a laterite in cement industry.	.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	NA	OB/Mine waste generated during exploitation of mineral is utilized in preparation of bund along lease boundary line.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable.	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	Plantation done in the lease area	
8g	Survival rate	80%	75%	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Regular water sprinkling is done by water tanker	Water is required for dust suppression
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is not much satisfactory as surficial mining is involved for the exploitation of bauxite. are not up to that extent as proposed. Hence, it was instructed to lessee at the time of inspection for closely monitor survival rate of plantation.		

Compliance of Rule 45

S.N	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of May-24 and AR of 2023-24 has been submitted	AR for 2023-2 submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Mohd. Kafil and Geologist-Shri Dharmendra Kumar Pandey	Mining Engineer was present on the date of inspection however Shri Dharmendra Kr. Pandey, Geologist was on leave.

1/34956/2024	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return 2023-24 Currant working: 1.75ha. OB/waste dump: 0.04 ha. Occupied by plant .. etc. 0.36 Mineral storage/ Green Belt: 2.00 ha.	Given land use patter in account of current working found lower side. Total area covered by pit may be more than 4.00hect. matter discussed in the field and advised for taking due are while filing of AR.
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR 700saplings planted in the lease area with survival rate of 80%.	OK
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No any mineral reject generated during the year.	OK
9f	Scrutiny of Annual return on ROM stock and/or grade ore	losing stock - i. ROM -48216Tonnes ii. for use in Alumina - 237.189 tone iii. Refractory grade- 2280.0Tonne. Iv. Cement Grade - 41833.5tone and Chemical Grade 4103.0tone	As per AR,2023-24
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price & sale value Refractory grade : Rs.2201.33/- per ton, cement grade Rs. 321.66/-per tone and Chemical Grade Rs. 449.33 per tone Cost of production = Rs. 2564/72-per tone	OK
9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. 0/-	-
9k	Scrutiny of Annual return on mining Machineries	Shovel 1.2cum bucket capacity 2No.	1.Details of dumper and portable screen found not given.

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- Details is given below:

1. **Rule – 11(1) of MCDR 2017 dated 01/07/2024**
2. **Rule- 31(4) of MCDR 2017 dated 01/07/2024**

Date: 04/07/2024

Name:- Raghubir Sharan Garg

Designation: Assistant Controller of Mines