

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

### **General**

S.N.	Particulars	Details
1	Name of the Mine	Roshra Bauxite, Laterite, Fireclay and Ochre <b>Mine</b>
	Date of Inspection:	15/09/2024
	Name of Inspecting Officer	Shri Raghubir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of non-forest and forest land	16.188 Hect.
3	Mine code	75MPR18014
4	IBM Registration Number under rule 45 of MCDR, 1988	Reg. No. IBM/6811/2011
5	Last Inspection Details	Insp. officer – Shri Madhav Rao Sabre, SMG Date of Insp. – 17/06/2022 V. Letter dated: Violation not pointed out. Reply letter dated : NA Compliance considered : NA
6	Mine official present during the inspection	Shri Sahitya Jain, Family member of lessee and Mining Engineer of the mine.
7	Name of the Lease, Address, Phone, email and fax no	M/s Hukumchand Stone Lime company, Nai Basti Katni, M.P, 483501 Mob:09425171525 Email : hukamchandstonelimecompany@rediffmail.com
8	Village	Roshra
9	Taluka/Mandal	Sihora
10	District	Jabalpur
11	Pin code	483501
12	State	Madhya Pradesh
13	Post Office	Roshra
14	Nearest Police Station	Sihora
15	Nearest Railway Station	Sihora
16	Date of Grant of Mining Lease	30/01/1985
17	Date of Execution	21/03/1985
18	Date of opening of Mine	15/04/1985
19	Date of First Renewal, if applicable and its period & expiry	Initial Grant : 21.03.1985 to 20.03.1995 1 <sup>st</sup> renewal :21.03.1995 to 20.03.2035
20	Date of Second Renewal, if applicable and its period & expiry	NA
21	Date of third Renewal, if applicable and its period & expiry	NA
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 of appointment	Nominated Owner: Shri Neeraj Kumar Jain Address: M/s Hukum Chand Stone Lime Co. Nai Basti Katni (MP)483501 Email hukamchandstonelimecompany@rediffmail.com Mob:09425171525  Fax No. NA

		Date of Appointment: NA
	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Agent- Not appointed Date of Appointment: NA
23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	M. Manager Sahitya Jain Date of Appointment: 13/09/2024
	Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	None
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Sahitya Jain, Diploma in Mining Engineer Address, Phone: No., Fax No. & email address As stated above Date of Appointment: 13/09/2024
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes,
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	1. MP/Jabalpur/Laterite/MPLN/R-3/98-99 dated 10/9/1998 pro. Period 1998-99 to 2002 – 2003 2. MP/Jabalpur/Bauxite/MPLN/Mod-27/2016-17 dated 20/03/2017 pro. Period 2017-18 to 2021-22
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	04/11/2009(SOM) period 2009-10 to 2011-12 20/07/2022(RMP) period 2022-23 to 2026-27
29	Mineral(s) granted in lease and approved for Mining	Bauxite, Laterite , Fireclay and Ochre
30	Method of Mining (Opencast, Underground)	Open cast
	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
	Captive/Non-Captive	Non-Captive

### Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	41 boreholes	Not carried out.	Out of 16.188 hect ML area 3.7078hectbauxite bearing
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Entire lease area was considered explored under G1 level based on additional exploration which is in progress in current year 2024-25 after pointing out violation based on last inspection dated 31/01/2024.	8.0486hect aluminous laterite and fireclay bearing area proven under G2 level and remaining 2.7204hect unexplored area was proposed for conversion into G1 level by additional proposed borehole. But proposed borehole had not
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed.	Not applicable	been carried out by the lessee hence, deviation has been pointed out through violation of rule 11(1) vide letter dated 18/09/2024.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	8.0486hect laterite bearing area and 2.7204hect unexplored area	Exploratory work had not carried out so balance area remains to be explored to bring G1 level ire mains same.	
1e	Balance reserves as on 01.04.2024	111-286814 tone 211-71851 tone 331-1165821 tone	111-286814 tone 211-71851 tone 331-1165821 tone	
1f	General remarks of Inspecting	Entire lease area	supposed to be considered under G1 level after	

	officer on geology, exploration etc.	completion of additional exploration but unfortunately additional exploratory work had not been carried out by the lessee. Additional exploratory work is essential for making an investment in the project.
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### Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	1. N2606430 to N2606480 E401085 to E401125 2. N2606435 to N2606500 E401180 to E 401250	Developmental work as well as production work was not carried out during the year under review.	Deviation pointed out through violation of rule 11(1) vide letter dated 18/09/2024..
2b	Separate benches in top soil overburden and mineral (Rule 15)	1.No Soil bench Nil 2.No OB bench Nil 3.Bauxite benches 1no of 2m height in bauxite zone and 4 laterite bench 1 No. of 2m height in Laterite zone	There was no working regarding development as well as production as stated above.	
2c	Stripping ratio or ore to OB ratio	1:0.05	There was no working regarding development as well as production as stated above.	
2d	Quantity of top soil generation in m <sup>3</sup>	Nil	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	4620	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Developmental work as well as production work was not carried out during the year under review. Existing pits are of such size from where envisaged production is possible. Qualitative and quantitative conformation is the need for operationalisation of the mine. Evidences of efforts were seen for in the form of carried out trial pits with in lease area. Mining engineer and family member shri Sahitya Jain assures about carrying out of envisaged exploration work within four to five months.		

### Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	03	Developmental work as well as production work was not carried out during the year.	-
3b	Quantity of ROM mineral production proposed (2023-24)	49962 T	Nil	-
3c	Recovery of Salable/usable mineral from ROM production	90%	Not applicable as there was no ROM production.	-
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	Not applicable as there was no segregation of mineral activities took	-

				place during the year under review.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil		Nil	
3j	Provision of drilling & blasting in mineral benches	Not proposed		Not required	-
3k	Provision of mining machineries in mineral benches	Rock drill nil Shovel 1No 0.9cum bucket capacity. Excavator: 01 no.1.1cum bucket capacity Transportation: Dumpers 01 nos. water tanker 01 no.		Not applicable as there was no developmental as well as production activities took place during the year under review.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		NA	-
3m	Total area covered under excavation /pits	2.2.3578Hectare		1.088hect.	Pit area at the beginning of the 2022-23 i.e at the time of approval of document under review.
3n	Ore to OB ratio for the pit/mine during the year	1:0.05		There was no working regarding development as well as production as stated above.	-
3o	Total area put in use under different heads at the end of year	4.59Hectare		About 1.088hect	-
3p	Production of ROM mineral during the last five-year period as applicable	2019-20	110439	-	
		2020-21	130080	5280	
		2021-22	161793	74315	
		2022-23	25746	Nil	
		2023-24	45342	Nil	
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination without drilling & blasting. Envisaged method of mining is proper and there is no need for change of method of mining.			

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

S.N.	Item	Proposals	Actual Work	Remarks
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4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	Mine waste dumping proposed	Not applicable as there was no developmental activities took place during the year.	
4b	Location of topsoil, OB & mineral reject dumps	N 23°33'53.17" to N23°33'53.90" and E80°01'58.87" to E80°02'23"	Not applicable as there was no developmental activities took place during the year.	Mine waste dump
4c	Number of Dumps within lease area and outside lease area	One dump proposed Within the lease area and outside lease area-Nil	There are four old dump all of them lies within UPL of lease area. outside lease area-Nil	Dump namely W.D. 2 lies within UPL and it will be rehandled in course of time for exploitation of mineral beneath it.
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Proposed within UPL	As stated earlier there is no Mine waste dump done in proposed site.	Temporarily proposed within UPL
4e	Number of Active & Alive dumps	Active-1& Alive dumps-Four	Active-Nil & alive-Four	-
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	Proposed,	NA	Garland proposed for
4i	Length of Retaining wall or garland drain all along dump	165m for Dump D1 and 50m for dump D2	140m for dump D1 and 40m for dump D2	proposed waste dump. As waste dumping not carried out garland drain kas found not made.
4j	Number of settling ponds	Not proposed	NA	-
4k	Specific commends of inspecting officer on waste dump management	Four old dumps are there all of them lies within UPL. Dump lies within UPL will be rehandled and utilized in backfilling of mined out area.		

### **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	Backfilling yet to be started	Nil
5b	Area under backfilling of mined out area	Not proposed	NA	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	Nil
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Area not matured for backfilling and reclamation.		

**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		PMCP report and UAV survey (KML file) found attached with the AR,2023-24	-
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not specified	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	
	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 Old pit
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	170 0.15 plantation	Nil Nil NA	Green belt area.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	-	Nil

6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Development and production activities are almost not commenced in the year under review. Qualitative as well as quantitative assessment required for which additional exploration work was supposed to be carried out by the lessee but the same are yet to be carried out. Under the circumstances progress on PMCP activities are not satisfactory.
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### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Dispatch proposed with sizing and sorting by manual as well as mechanical means.	Dispatch of 1. Bauxite -Nil 2. laterite -8500T 3. Clay-Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual and mechanical both	As per approved proposal.	Nil
7c	Different grade of mineral sort out at mine		Cement grade laterite	-
7d	Any beneficiation process at mines	Not proposed	NA	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	It appears that there is no issue related with mineral conservation aspect. However, there are no Demand of bauxite already produced so far resulting there is a stock of about 64969tone cement grade bauxite.		

### Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	NA	-
8b	Concurrent use or storage of topsoil	Not Proposed	NA	Nil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Separate dump of mine waste Proposed	Dumping not found as there was no working in the mine during the year under review.	There is only old dump within lease area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed.	NA	Nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed	NA	-.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	New plantation not found done in the lease area	
8g	Survival rate	80%	NA	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	NA	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is moderate and needs further improvement.		

### Compliance of Rule 45

S.N	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of Sep-24 and AR of 2023-24	MR as well as AR for 2023-24 found submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: and Geologist Not given	Mine is not operative, so may be accepted.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return <b>2023-24</b> Currant working: 3.25ha. OB/waste dump: 0.426 ha. Occupied by plant .. etc. 0.139 Green Belt: 0.00ha. Progressive mine closure plan-0.00hect.	OK
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR Nil saplings planted in the lease area	No new Sapling found planted.
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	ROM closing stock -Nil Graded 1. Bauxite - Cement grade bauxite - 64969tone 2. cement grade Laterite-72730 tone	OK
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price & sale value both are: Nil as neither bauxite produced nor dispatched during the period. Cost of production = Rs. 0/0per tone	Ok
9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. <b>1000000</b> /-	OK



9k	Scrutiny of Annual return on mining Machineries	Front end Loader - 1(1.2cum bucket capacity) Dumper 16 TONNE - Two Back Hoe - One 0.9cum bucket capacity	Stated machineries were not found in mine site
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Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

1. Rule 11(1) letter dated 18/09/2024
2. Rule 28 letter dated 18/09/2024

Date: 21/10/2024

Name:- Raghubir Sharan Garg

Designation: Assistant Controller of Mines