

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

S.N.	Particulars	Details
1	Name of the Mine	Lakhanwah limestone and Laterite Mine
	Date of Inspection:	25/06/2024
	Name of Inspecting Officer	Shri Raghubir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of non-forest and forest land	4.047 Hect.
3	Mine code	38MPR35346
4	IBM Registration Number under rule 45 of MCDR,1988	Reg. No. IBM/10427/2012
5	Last Inspection Details	Insp. officer – Shri R.S.Garg ACOM Date of Insp. – 08/02/2023 V. Letter dated 20/02/2023 for rule – 11(1),12(4), 34A(3), 45(5)( c) &45(7) Reply letter dated 21/03/2023 Compliance considered on rule 45(5)( c) on 29/03/2024 and on violation of rule 34A(3) on 31/03/2023 SCN issued on 31/03/2023 for remains rules 11(1),12(4) & 45(7) Reply dated 16/05/2023 and compliances considered on 05/06/2023 on violation of rule45(7) and further action on violation of rule 11(1) and 12(4) kept in abeyance as necessary proposal for additional exploration were incorporated in Mod. Of App.MPLN approved on 21/06/2023.
6	Mine official present during the inspection	None, Inspection carried by own in presence of goats charwaha present in the lease area.
7	Name of the Lease, Address, Phone, email and fax m	Shri Sanjeev Kumar Pathak Addr. S/o Shri Shrawan Kumar Pathak, Chanakyapuri Satna, District Satna, M.P. 485001 Email sanjeevpathak01@rediffmail.com Phone No. 8319031356 Fax No. NA
8	Village	Lakhanwah
9	Taluka/Mandal	Kotar
10	District	Satna
11	Pin code	485226
12	State	Madhya Pradesh
13	Post Office	Aber
14	Nearest Police Station	NA
15	Nearest Railway Station	Satna
16	Date of Grant of Mining Lease	24/04/2002
17	Date of Execution	06/06/2002(lease period upto 20/03/2052-50 years lease period after new agreement based on amended MMDR Act,1957.
18	Date of opening of Mine	Jun,2002
19	Date of First Renewal, if applicable and its period & expiry	16/06/2021 for 50 years lease period based on amended MMDR Act,1957.
20	Date of Second Renewal, if applicable and its period & expiry	NA

1/35781/2024	2024	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	NA
		Name of the Mine Agent with Address, phone, email, fax number and date of appointment	None
	23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	None
	25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	None
	26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed
	27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	1. 08/03/2002(MP) Period 2002-03 to 2006-07 2. 21/06/2023(Mod MP) period 2022-23 to 2026-27
	28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	1. 17/07/2012(SOM) period 2012-13 to 2016-17 2. 10/06/2019(RMP) period 2019-20 to 2021-22
	29	Mineral(s) granted in lease and approved for Mining	Limestone & Laterite
	30	Method of Mining (Opencast, Underground)	Open cast
		Category (Fully Mechanized, Others or Manual)	Manual
		Captive/non-captive	Non-Captive

### Exploration

S. N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	6	Not carried out	Violation of rule 11(1) & 12(4) as entire mineralized area had not explored under G1 level issued on 12/07/2024.
1b	Exploration over lease area for Geological axis 1 or 2.	6	Not carried out	
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.	4.047hect to bring G1 axis	Not carried out	
1e	Balance reserves as on 01.04.2024	122-109571tone	122- 109571tone	
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area had been explored under G2 level as per approved Review of Mining Plan dated 21/06/2023. Proposed exploratory work not carried out accordingly violation of rule 11(1) and 12(3) pointed out vide letter dated 12/07/2024.		

### Development

S.N.	Item	Proposals	Actual Work	Remarks
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1/35781/2024	2a	Location of Development w.r.t. lease area	Proposal in two spots Ist. N 2734690 – N 2734720 & E 500630 – E 500730 and 2 <sup>nd</sup> . N2734440 to N 2734470 & E 500610 – E 500720	On proposed site evidence of working not noticed	Deviation point out through violation of rule 11(1) vide letter dated 12/07/2024
	2b	Separate benches in top soil overburden and mineral (Rule 15)	1.Soil bench nil no. 2.OB bench nil no 3.Lst benches 1 no of 6m height	On proposed site evidence of working not noticed	
	2c	Stripping ratio or ore to OB ratio	1:0.04	1. On proposed site evidence of working not noticed 2. IN AR,2023-24 quantity of OB generation is reported as Nil	
	2d	Quantity of top soil generation in m <sup>3</sup>	0	0	
	2e	Quantity of overburden generation in m <sup>3</sup>	1190cum	Nil	
	2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Evidences of working on proposed site were not noticed. Details of OB generation also not reported in the AR,2023-24. Being a outcropping deposit envisaged production can be achieved when ever regular mining operation work commenced in the lease area.		

### Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	02	No new pit was found developed.	-
3b	Quantity of ROM mineral production proposed (2023-24)	27623tones ROM	ROM-17335tone	Evidences of working on proposed site were not noticed
3c	Recovery of Salable/usable mineral from ROM production	27623 tones, 100%	ROM-17335tone, 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	Not proposed	Not required	Entire ROM is salable.
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	Drilling & blasting will be done as per parameter: As per proposal (Spacing Burden Depth) 3.5X2.5mX6.0m including sub grad	Evidence of deployment of proposed capacity drill machine not noticed.	

I/35781/2024		drilling. 110mm Dia of holes			
3k	Provision of mining machineries in mineral benches	Hydraulic drill 01 no. Excavator: 01 no. Transportation: Dumpers 01nos.	As per AR,2023-24-Nil	Evidences of working on proposed site of working were not noticed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Evidences of working on proposed site were not noticed.	One bench of about 2-2.5m was noticed on old pit.no.1	
3m	Total area covered under excavation /pits	1.21 Hectare	About 1.51 Hectare As per AR,2023-24	-	
3n	Ore to OB ratio for the pit/mine during the year	1:0.04	1. On proposed site evidence of working not noticed 2. IN AR,2023-24 quantity of OB generation is reported as Nil	-	
3o	Total area put in use under different heads at the end of year	1.44 Hectare	Old working spread over an area of about 0.9hect.	-	
3p	Production of ROM mineral during the last five-year period as applicable	2019-20	199990	NA	
		2020-21	199418	NA	
		2021-22	199948	NA	
		2022-23	198236	0	
		2023-24	27623	17335	
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination with drilling & blasting. Evidences of working on proposed site of working were not noticed			

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

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	Dumping of OB Not proposed and Mineral reject generation not envisaged	Not applicable	
4b	Location of topsoil, OB & mineral reject dumps	Top soil generation not envisaged. OB dumping not proposed	NA	
4c	Number of Dumps within lease area and outside lease area	Nil	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of Active & Alive dumps	Active-Nil Inactive-Nil	Active-Nil Inactive-Nil	
4f	Number of dead dumps	Nil	Nil	Nil

1/35781/2024	4g	Number of dumps established	Nil	Nil	Nil
	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	Nil	Nil	-
	4k	Specific commends of inspecting officer on waste dump management	There is no dump lies within UPL. backfilling of degraded barrier zone proposed.		

### 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	Backfilling proposed on degraded statutory barrier zone. Details are as follows- BP No. 6/2 to BP no. 5/2	Not noticed during inspection of the mine. .	Deviation pointed out.
5b	Area under backfilling of mined out area	1322sqm	Not seen	-
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.	Envisaged backfilling of degraded statutory barrier zone found not carried out. Violation of rule 11(1) pointed out vide letter dated 12/07/2024.		

### 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) not found attached with the AR,2023-24	Drone data found submitted on IBM Portal.
6b	Management of worked/mined out benches			
ii)	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)	iv) Cumulative no. of plants	Not proposed	NA	
v)	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			None
	i) Voids available for backfilling (L*B*D)	Not proposed	NA	
	ii) Void filled by waste/tailings	Not proposed	NA	
	iii) Afforestation on the backfilling	Not proposed	NA	

1/35781/2024	iv) Rehabilitation by making water reservoir v) Any other specific means	Not proposed Not proposed	NA NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	90 No 0.045hect plantation	Not seen	Green belt area.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	NA	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Data of periodic monitoring was not available. For record verification summon letter was mailed to lessee by the undersigned on 02/07/2024 for appearance in the regional office Jabalpur at 11.0AM along with documents but lessee did not turn out to office on the scheduled date even so far.		

### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Dispatch proposed without any sorting/ screening at mine site	Reported dispatch of limestone is nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not required.	Nil
7c	Different grade of mineral sort out at mine	Cement Grade	Cement grade	-
7d	Any beneficiation process at mines	NA	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Feedback on the issue not received from the lessee.		

### 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)	Not proposed.	NA	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed for backfilling of degraded statutory barrier zone.	NA	Nil

1/35781/2024	8a	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed for backfilling of degraded statutory barrier zone.	NA	Nil
	8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	A few naturally grown trees seen within 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	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 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 May-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: Not given	No mine official was present in the mine to ascertain in this regard. Even lessee did not turn out to office even after issue of summon letter.
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: 1.53ha. OB/waste dump: 0.0 ha. Occupied by plant .. etc. 0.02 Green Belt: 0.0 ha. Progressive mine closure plan-0.00hect.	Reporting of land use pattern observed on higher side particularly in account of current working.
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR 200saplings planted in the lease area with survival rate of 80%.	Not observed, however naturally grown plants/ bushes were seen in the mining lease area.
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 limestone-17335tone	Stock of reported mineral was not noticed during mine inspection. Shortcomings pointed out through violation of 45(7) vide letter dated 12/07/2024
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price Rs. 509/00 Sale value nil and Cost of production = Rs. Nil	Ex Mine price may be considered. Sale value is not applicable as mineral dispatch during the year is Nil. About cost of production deficiency pointed out vide letter dated 12/07/2024.
9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. Nil	-
9k	Scrutiny of Annual return on mining Machineris	Not given	-

I/35781/2024 Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-

1. Rule 11(1) letter dated 12/07/2024
2. Rule 12(4) letter dated 12/07/2024
3. Rule 31(4) letter dated 12/07/2024 &
4. Rule 45(7) letter dated 12/07/2024
5. Based on previous inspection violation of rule 11(1),12(4),34A(2),45(5)( c) and 45(7) were pointed out vide VL dated 20/02/2023. Based on reply dated 21/03/2023 compliances on 45(5)( c) and 34A(2) considered on 31/03/2023. SCN issued on 31/03/2023 for the violation of rule 11(1),12(4) & 45(7) and compliance on 45(7) considered on 05/06/2023 and further action for the violation of rule 11(1) & 12(4) kept in abeyance as proposal for additional exploration were incorporated in the modification of approved mining plan got approved on 21/06/2023.

Date: 12/07/2024

Name:- Raghbir Sharan Garg  
Designation: Assistant Controller of Mines