

# INDIAN BUREAU OF MINES

## --:-- Inspection Report --:--

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	NAGAURLIMESTONE MINE 032016 BLOCK 3B1A	Lease Area (Ha) :	267.6288
Forest Area (Ha) :	N/A	Mine Code :	38RAJ20013
Registration Number :	IBM/16679/2013	Name of lessee :	M/s NU Vista Limited
Address of lessee :	Equinox Business Park, Tower -3, East Wing, 4th Floor, ,LBS Road, Kurla (West), Mumbai	Phone of lessee :	-
Email of lessee :	Jai.singh@nuvoco.com	Fax Number :	N/A
Village :	Deh	Taluka / Mandal :	Deh
District :	NAGAUR	Pincode :	400070
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2019-01-28	Date of Mining Lease Execution :	2018-12-28

Date of opening in the mine :	Nilsss		
<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr Jayakumar Krishnaswamy	Nominated Owner Address:	Equinox Business Park, Tower 3, Kurla, Mumbai
Nominated Owner Mobile :	9711304890	Nominated Owner Email :	Jayakumar.krishnaswamy@nuvoco.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2020-12-02
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Chakresh Kumar Bhartiya	Qualification of Mining Engineer :	B.Tech In Mining
Address of Mining Engineer :	NA	Phone of Mining Engineer :	9131411030
Email of Mining Engineer :	Chakresh.bhartiya@nuvoco.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-05-19		
<b>Geologist Details</b>			
Name of the Geologist :	Deependra Singh	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	NA	Phone of Geologist :	0946372094
Email of Geologist :	Deependra.singh@nuvoco.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-08-08		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Nitin Purohit	Qualification of Mine Manager :	BE In Mining
Address of Mine Manger :	NA	Phone of Mine Manger :	N/A

Email of Mine Manger :	Nitin.purohit@nuvoco.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2023-12-25		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-03-24 (2023 - 2027)
Method of mining :	Open Cast	Category :	OTHER THAN MECHANISED
Nature of Use :	Non Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	Kamal Singh
Designation :	JMG
Name of the Accompanying Official from Mine :	Not applicable (Virtual Inspection)
Designation of the Accompanying Official :	Not applicable (Virtual Inspection)
Type of Inspection :	MCDR,STR
Date of Inspection :	12/02/2025
Review year considered for MCDR Inspection :	2023-2024

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**2.2.1 : Exploration Details**

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		0	0	0.000	No Violation	Nil	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	0.00	0	0.000	No Violation	Nil	Nil
6		G2	As per Proposal: 267.6288 Ha	267.6288 Ha	0.000	No Violation	No exploration has been done during the RY 2023-24	Nil
7		G3	0.00	0	0.000	No Violation	Nil	Nil
8		G4	0.00	0	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP  Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 &		Balance resource as on 31.03.2023, Total Reserve 86,748,908 T , Total Resource 40,180,000 T	Balance resource as on 31.03.2024 as per AR 2023-24, Reserve and Resource are 86,677,631.42 T	Nil	No Violation	Nil	Nil

	333 upto 334)		and 40,180,000 T respectively.			
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### 2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	Pit : Quarry -1 & Direction : South-North	Development in Quarry -1 has not been done as proposal.	Deviation observed in the drone data submitted by the Lessee.	Rule 11(1)	Nil	Nil
2	Quantity of overburden generation in m3	0.00	0	0.000	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	Nil	Nil	Not applicable	No Violation	Nil	Nil

### 2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	Number of pit 1, Pit ID : Quarry-1	1	No	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	213972.50tonnes	113997tonnes	Nil	No Violation	ROM production has been calculated by (Vol of extraction * bulk density). Vol of extraction has been calculated by GIS software.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	85589.00	Cannot be verified by drone analysis	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	128383.50	Cannot be verified by drone analysis	80390.980	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	40%	Can not be observed through by virtual inspection.	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanised method	Can not be observed through by virtual inspection.	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Quarry-1: One Bench in Mineral proposed	Height and width are within the limit of apporved mine plan.	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study	No proposaL	Not applicable	Nil	No Violation	Nil	Nil

	proposed & carried out for sub-grade mineral and reject						
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### 2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	No proposal	Not applicable	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	Not applicable	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	Not applicable	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No proposal	Not applicable	Nil	No Violation	Nil	Nil

**2.5.1 : OB/Waste Dumps Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Stack lid.: Reject Dump-1 Type of Stack: Stack for mineral reject	OB/Mineral reject/Mineral storage is found stacked at the northern side of the pit.	Nil	No Violation	It has not been verified through virtual inspection whether the exposed material on the surface is Overburden/Waste, Mineral Reject dumps, Tailings, or Fines.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Stack lid.: Reject Dump-1 Type of Stack: Stack for mineral reject	OB/Mineral reject/Mineral storage is found stacked at the northern side of the pit which is not as per proposed location.	Nil	Rule 11(1)	It has not been verified through virtual inspection whether the exposed material on the surface is Overburden/Waste, Mineral Reject dumps, Tailings, or Fines.	Nil
3	Number of active & Inative dumps	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Number of dead dumps	No proposal	Not applicable	Nil	No Violation	Nil	Nil

5	Number of dumps proposed for stabilised	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	Not applicable	Nil	No Violation	Nil	Nil

### 2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Not applicable	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal for the RY 2023-24	Not applicable	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal	Not applicable	Nil	No Violation	Nil	Nil

**2.7.1 : Progressive Mine Closure Plan (PMCP) Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means  Total area and numbers of plantation proposed.	Plantation : Location :Safety Zone, Area : 0.78, No. of Plant : 1951	No satisfactory plantation has been found in the Drone image.	Nil	No Violation	Violation of rule 11(1) is issued.	Nil
2	Rehabilitation by making water reservoir	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	No satisfactory plantation has been found in the Drone image.	Nil	No Violation	Violation of rule 11(1) is issued.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	As Per Approved Mining Plan	Carried out	Nil	No Violation	Nil	Nil

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**2.8.1 : Mineral Conservation Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise Production: 71276.580	Despatches from mine head could not be verified by drone image/ virtual analysis.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	As Per Approved Mining Plan: Primary crushing	Cannot be verified in the drone image	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal	Not applicable	Nil	No Violation	Nil	Nil

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**2.9.1 : Environment Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	No proposal for the RY 2023-24	Not applicable	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not applicable	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Not applicable	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 1951, Survial Rate : 75	No satisfactory plantation has been found in the drone image submitted by lesee	Nil	Rule 11(1)	Nil	Nil
5	Water sprinkling on roads to control airborne dust	As Per Approved Mining Plan: Water sprinkling on roads to control airborne dust	Can not be verified through virtual inspection.	Nil	No Violation	Nil	Nil

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**2.10 : Annual Return Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	To be submitted as per MCDR, 2017	Submitted	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	To be appointed as per rule 55 of MCDR,2017	Appointed.	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be submitted as per MCDR, 2017	In Part VI, point no. 2, the ROM production and closing stock have been reported as 119269.1 tonnes and 47992.520 tonnes, respectively. In point no. 3(ii), the grade-wise production has been reported as 71276.580 tonnes according to the recovery. If the total amount of ROM has been sorted, then the closing stock of ROM at the mine head should be zero. Justify the same.	Nil	Rule 45(7)	Nil	Nil

4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	No proposal	Not applicable	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	To be submitted as per MCDR, 2017	Submitted	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex mine price: Production cost: reported by lessee in AR	Satisfactory	Nil	No Violation	Nil	Nil

#### 2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	To be submitted as per MCDR, 2017	3 star for RY 2023-24	Nil	No Violation	Nil	Nil

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### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	<a href="#">3B1a_Virtual_inspection_report.pdf</a>	Virtual inspection report

### Part-IV : Summary Details

#### 4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Development - Opencast : Location of development w.r.t. lease area	Pit : Quarry -1 & Direction : South-North	Development in Quarry -1 has not been done as proposal.	Deviation observed in the drone data submitted by the Lessee.	Rule 11(1)	Nil	Nil
2	OB / Waste Dumps details : Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Stack Id.: Reject Dump-1 Type of Stack: Stack for mineral reject	OB/Mineral reject/Mineral storage is found stacked at the northern side of the pit which is not as per	Nil	Rule 11(1)	It has not been verified through virtual inspection whether the exposed material on the surface is Overburden/Wast	Nil

			proposed location.			e, Mineral Reject dumps, Tailings, or Fines.	
3	Environment : Plantation & Survival rate	Plantation : 1951, Survival Rate : 75	No satisfactory plantation has been found in the drone image submitted by lessee	Nil	Rule 11(1)	Nil	Nil
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be submitted as per MCDR, 2017	In Part VI, point no. 2, the ROM production and closing stock have been reported as 119269.1 tonnes and 47992.520 tonnes, respectively. In point no. 3(ii), the grade-wise production has been reported as 71276.580 tonnes according to the recovery. If the total amount of ROM has been sorted, then the closing stock of ROM at the mine head should be zero. Justify the same.	Nil	Rule 45(7)	Nil	Nil
5	Garland drain and retaining wall	Garland drain: 247m Retaining wall: 242m	Garland drain: NIL Retaining wall: NIL	Nil	Rule 11(1)	Nil	Nil

Final Submitted

Esigned by:  Kamal Kumar Singh  
Date: 03/06/2025 05:43:01 PM