

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	NAGAUR LIMESTONE MINE 012016 BLOCK 3B1B	Lease Area (Ha) :	247.8711
Forest Area (Ha) :	N/A	Mine Code :	38RAJ20012
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 :	Jayal	Nearest Railway Station :	Nagaur
Date of Grant of Mining Lease :	2019-01-28	Date of Mining Lease Execution :	2018-12-28

Date of opening in the mine :	2021-12-13		
Nominated Owner Details			
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
Mining Engineer Details			
Name of the Mining Engineer :	Nitin Purohit	Qualification of Mining Engineer :	BE In Mining
Address of Mining Engineer :	House No. 18, Above Bank Of Baroda, Deedwana Road ,Nagaur-341001(Rajasthan)	Phone of Mining Engineer :	7412949970
Email of Mining Engineer :	Nitin.purohit@nuvoco.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-12-25		
Geologist Details			
Name of the Geologist :	Suraj Chandran	Qualification of Geologist :	M.sc.Geology
Address of Geologist :	NA	Phone of Geologist :	7073459991
Email of Geologist :	Suraj.chandran@nuvoco.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-03-01		
Mine Manager Details			
Name of the Mine Manager :	Nitin Purohit	Qualification of Mine Manager :	BE In Mining
Address of Mine Manger :	House No. 18, Above Bank Of Baroda,	Phone of Mine Manger :	7412949970

	Deedwana Road ,Nagaur-341001(Rajasthan		
Email of Mine Manger :	Nitin.puroh@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 :	RITAM PRADHAN
Designation :	Inspection Officer
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 :	13/02/2025
Review year considered for MCDR Inspection :	2023-2024

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	0.0000	No Violation	Nil	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		00	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		00	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	247.8711	247.8711	0.000	No Violation	Nil	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 & 333 upto 334)		LIMESTONE - Total Reserve 130430000.00 , Total Resource 38447367.84	LIMESTONE - Reserve 130430000.00 , Resource 38447367.84 As per RMP approved dated 24/03/2023	Nil	No Violation	Nil	Nil

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 : North to South	Development beyond proposed area. Development in Two pits.	.	Rule 11(1)	Volume calculated using GIS software: Pit 1: 25218.2 Cum Pit 2: 12937.9 Cum	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	NIL	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
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1	Number of pits / Blocks proposed for production	Pit ID : QUARRY-1	Volume of extraction from two pits.	Nil	Rule 11(1)	Calculated volume of extraction using GIS software: Pit 1: 25218.2 Cum Pit 2: 12937.9 Cum	Nil
2	Quantity of ROM mineral production proposed (in T)	214250.00	95390.25	118859.750	No Violation	Quantity of ROM Calculated as (Vol of extraction * bulk density) Vol of extraction has been calculated using GIS software from the submitted drone data.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	85700.00	Cannot be calculated by virtual inspection.	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	128550.00	Cannot be calculated by virtual inspection.	Nil	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	CaO-34.76%, MgO-4.88%, SiO2-8.50%	Cannot be verified by virtual inspection.	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Cannot be verified 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	Yes	Yes	Nil	No Violation	Nil	Nil

8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Not applicable	Nil	No Violation	Nil	Nil
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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	NIL	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	NIL	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	NIL	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	0.00	0	0.000	No Violation	Nil	Nil
5	Quantity of mineral reject generation	No proposal	NIL	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	NIL	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	NIL	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No proposal	NIL	Nil	No Violation	Nil	Nil

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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)	No proposal of Topsoil and OB generation. Separate dumping of mineral reject is proposed.	Mineral reject dump has been found in drone image	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Mineral reject dump: Southern part of lease area.	Mineral reject dump: Northern part of the lease area	Nil	Rule 11(1)	Nil	Nil
3	Number of active & Inative dumps	Dump ID : D1, Dump Type : Waste, Dump Status : Dead , Dump ID : D2, Dump Type : Waste, Dump Status : Dead , Dump ID : D3, Dump Type : Waste, Dump Status : Dead , Dump ID : D4, Dump Type : Waste, Dump Status : Dead , Dump ID : D5, Dump Type : Waste, Dump Status : Dead , Dump ID : D6,	No active dumps of OB or Topsoil. one mineral reject dump has been found.	Nil	No Violation	Nil	Nil

Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D7,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D8,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D9,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D10,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D11,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D12,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D13,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D14,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D15,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D16,
Dump Type :

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Waste, Dump
Status : Dead ,
Dump ID : D17,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D18,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D19,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D20,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D21,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D22,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D23,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D24,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D25,
Dump Type :
Waste, Dump
Status : Dead ,
Dump ID : D26,
Dump Type :
Waste, Dump

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		Status : Dead , Dump ID : D27, Dump Type : Waste, Dump Status : Dead , Dump ID : D28, Dump Type : Waste, Dump Status : Dead					
4	Number of dead dumps	28	Could not be calculated	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	No proposal	NIL	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	NIL	Nil	No Violation	Nil	Nil

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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	0.00	NIL	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : 0, Area Proposed : 0.00	0	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	Generated :0.00 Utilized :0.00 Stored :0.00	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	0.000	0	0	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal	NIL	Nil	No Violation	Nil	Nil

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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 : 0.74, No. of Plant : 1850	No satisfactory plantation has been found in proposed area of plantation	Nil	No Violation	Violation of rule 11(1) is issued for unsatisfactory plantation	Nil
2	Rehabilitation by making water reservoir	No proposal	NIL	Nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Plantation : Location :Safety Zone , Area : 0.74, No. of Plant : 1850	No satisfactory plantation has been found in proposed area of plantation	Nil	No Violation	Violation of rule 11(1) is issued for unsatisfactory plantation.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed.	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	ROM: 214250T Dispatch amount: 85700T	ROM: Dispatch amount: cannot be verified by virtual inspection.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	No proposal	NIL	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No proposal	NIL	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal	NIL	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 of topsoil generation	NIL	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	NIL	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 1850, Survial Rate : 75	unsatisfactory as per drone data analysis	Nil	Rule 11(1)	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	Cannot be verified in 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 in prescribed period.	Submitted in prescribed time period.	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	To be appointed.	Appointed	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	In Part VI, point no. 2, the ROM production and closing stock have been reported as 105,417.470 tonnes and 38,313.650 tonnes, respectively. In point no. 3(ii), the grade-wise production has been reported as 105,417.470 tonnes. According to the mine plan, the grade-wise production should have been different from this amount, as the recovery is not 100%. Also, if the total	Nil	Rule 45(7)	Nil	Nil

			amount of ROM has been sorted, then the closing stock of ROM at the mine head should be zero.				
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	Submission in prescribed time period	submitted	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex mine price: 966.00 production cost: 919.41	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	Year of Submission : 2023-2024 , Rating : 3 Stars	Year of Submission : 2023-2024 , Rating : 3 Stars	Nil	No Violation	Nil	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	3B1B_virtual_inspection_report_compressed.pdf	Virtual Inspection report

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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 : North to South	Development beyond proposed area. Development in Two pits.	.	Rule 11(1)	Volume calculated using GIS software: Pit 1: 25218.2 Cum Pit 2: 12937.9 Cum	Nil
2	Exploitation - Opencast Mine : Number of pits / Blocks proposed for production	Pit ID : QUARRY-1	Volume of extraction from two pits.	Nil	Rule 11(1)	Calculated volume of extraction using GIS software: Pit 1: 25218.2 Cum Pit 2: 12937.9 Cum	Nil
3	OB / Waste Dumps details : Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Mineral reject dump: Southern part of lease area.	Mineral reject dump: Northern part of the lease area	Nil	Rule 11(1)	Nil	Nil
4	Environment : Plantation & Survival rate	Plantation : 1850, Survival Rate : 75	unsatisfactory as per drone data analysis	Nil	Rule 11(1)	Nil	Nil
5	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	In Part VI, point no. 2, the ROM production and closing stock have been reported as	Nil	Rule 45(7)	Nil	Nil

			<p>105,417.470 tonnes and 38,313.650 tonnes, respectively. In point no. 3(ii), the grade-wise production has been reported as 105,417.470 tonnes. According to the mine plan, the grade-wise production should have been different from this amount, as the recovery is not 100%. Also, if the total amount of ROM has been sorted, then the closing stock of ROM at the mine head should be zero.</p>				
6	Garland Drain, Retaining wall and Fencing	Garland Drain: 256m Retaining wall: 256m Fencing: 496m	Garland Drain: 0m Retaining wall: 0m Fencing: 0m	Nil	Rule 11(1)	Garland drain, retaining wall and fencing have not been established at proposed location.	Nil

Esigned by: RITAM PRADHAN
Date: 03/06/2025 05:25:02 PM