

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	NAGANPUR ( ML 2401 )	Lease Area (Ha) :	2.387
Forest Area (Ha) :	N/A	Mine Code :	38KAR26048
Registration Number :	IBM/6702/2011	Name of lessee :	VITTAL
Address of lessee :	V R PATIL ,AT NAGANAPUR, MUDHOL	Phone of lessee :	08350-240158
Email of lessee :	Nagarajminerals2401@gmail.com	Fax Number :	N/A
Village :	Naganapur	Taluka / Mandal :	Mudhol
District :	BAGALKOT	Pincode :	587122
State :	Karnataka	Post Office :	N/A
Nearest Police Station :	Lokapur	Nearest Railway Station :	Lokapur
Date of Grant of Mining Lease :	2003-05-22	Date of Mining Lease Execution :	2003-05-22
Date of opening in the mine :	2003-06-11		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	N/A	Nominated Owner Address:	N/A
Nominated Owner Mobile :	N/A	Nominated Owner Email :	N/A
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	Nil
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shri Bhukya Suresh	Qualification of Mining Engineer :	BE-Mining Engineering
Address of Mining Engineer :	C/o Nagraj Minerals, Naganpur, Mudhol Taluka, Bagalkot District	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	Nagarajminerals2401@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-04-01		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Deva Krishna Reddy	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	C/o Nagraj Minerals, Naganpur, Mudhol Taluka, Bagalkot District	Phone of Geologist :	N/A
Email of Geologist :	Nagarajminerals2401@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-04-01		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shri Bhukya Suresh	Qualification of Mine Manager :	BE-Mining Engineering
Address of Mine Manger :	C/o Nagraj Minerals, Naganpur, Mudhol Taluka, Bagalkot District	Phone of Mine Manger :	N/A
Email of Mine Manger :	Nagarajminerals2401@gmail.com	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2024-04-01		
Mineral(s) granted in lease and proved for mining :	DOLOMITE,LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-07-05 (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 :	KRISHNENDU CHATTERJEE
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Shri Nagraj Patil, G. Deva Krishna Reddy
Designation of the Accompanying Official :	Lessee representative & Geologist
Type of Inspection :	MCDR
Date of Inspection :	20/03/2025
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		No exploration proposal in 2023-24	Nil	Nil	No Violation	Nil	Nil
2	Number of DTH Boreholes		No exploration proposal in 2023-24	Nil	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		No proposal	Nil	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		No proposal	Nil	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	2.39	2.39	0.000	No Violation	The ML was explored by 7 nos. of core boreholes with total meterage of 190m.	Nil
6		G2	0.00	0.00	0.000	No Violation	Nil	Nil
7		G3	0.00	0.00	0.000	No Violation	Nil	Nil
8		G4	0.00	0.00	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP		LIMESTONE - Total Reserve	LIMESTONE - Total Reserve	No change in Reserve and	No Violation	Nil	Nil

	ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	476795.00 , Total Resource 612231.00 dolomite - Total Reserve 129544.00 , Total Resource 339436.00	476795.00, Total Resource 612231.00 dolomite - Total Reserve 129544.00 , Total Resource 339436.00 (in tonnes)	Resources since no mine production reported in F.Y 2023-24.			
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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 : Pit-1 Limestone & Direction : N S E W, Pit : Pit -1 Dolomite & Direction : N S E W	Nil	No mine production and waste development reported in F.Y 2023-24.	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	1000.00	Nil	Nil	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	400.00	Nil	Nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	0.02040000	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
1	Number of pits / Blocks proposed for production	Pit ID : Pit-1 limestone, Pit-1 Dolomite	Nil	No mine production and waste development reported in F.Y 2023-24.	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	49000.00	Nil	49000.000	Rule 11(1)	No mine production and Waste development reported in F.Y 2023-24.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	49000.00	Nil	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	No proposal	Nil	Nil	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No proposal	Not applicable	Nil	No Violation	Nil	Nil
7	Whether height of benches in	6m of bench	average bench	Nil	No Violation	Nil	Nil

	Overburden& mineral suitable for method of mining proposed in mining plan	height proposed.	height maintained by 6m.				
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	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	Total number of dumps : 1 Dump ID : Nil	Nil	No waste development in F.Y 2023-24.	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)	0.00	Nil	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	0.00	Nil	Nil	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	Not applicable	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	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)	Separate dumping of topsoil and OB waste proposed.	Nil	No waste development and topsoil handling in F.Y 2023-24.	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Proposed within 7.5m safety barrier area; along the ML boundary.	Nil	No waste development and topsoil handling in F.Y 2023-24.	No Violation	Nil	Nil
3	Number of active & Inative dumps	No proposal	No waste dump is located within the ML area.	Nil	No Violation	Nil	Nil
4	Number of dead dumps	No proposal	Nil	Nil	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.)	Plantation along the ML boundary proposed.	No change.	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	No proposal	Mine pit is not matured for backfilling.	Nil	No Violation	Mine pit was not matured for backfilling since mineral persists at the bottom of mine workings.	Nil
2	Year-wise area under backfilling of mined out area	No proposal	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	400 m3 topsoil generation and utilization proposed in F.Y 2023-24.	No topsoil handling and waste development reported in F.Y 2023-24.	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No proposal	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal	Nil	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: N 1788278 to N 1788189 E 536948 to E 536780, Area: 0.112 Ha., No. of Plant: 25 Plantation Location: N 1788189 to N 1788101 E 536870 to E 536860, Area: 0.112 Ha., No. of Plant: 25	No change in plantation locations; 100 nos. sapling planted during F.Y 2023-24 within the ML area.	Nil	No Violation	Nil	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	No proposal	No waste land involves within the ML area.	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed.	Environmental monitoring carried out through authorized agency and parameters were found within prescribed limit	Nil	No Violation	Nil	Nil

**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 sizing and sorting proposed.	Nil during F.Y 2023-24.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Proposed for all +34% CaO Limestone.	BF grade Limestone dispatch reported during F.Y 2023-24.	Nil	No Violation	Manual sizing and sorting.	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	Separate removal and utilization of topsoil proposed.	No topsoil handling during F.Y 2023-24	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: 25 nos. Survival Rate: 60%	Plantation: 100 nos. Survival Rate: 60% approx.	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed.	Water tanker arrangement for water sprinkling on mine roads has been made.	Nil	No Violation	Nil	Nil

**2.10 : Annual Return Details**

S.N.	Items for Reporting	As Per Approved	Actual	Deviation	Violation under	Remark	Remark File
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		Mining Plan			Rule		
1	Submission of Online Monthly and Annual returns in prescribed period or not	Last Annual Returns : No, Last Monthly Returns : Yes - November 2024 - Submitted on : 2024-12-03	Monthly returns during F.Y 2023-24 submitted regularly. A.R submitted on 26.06.2024.	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No Appointment Data	Mining Engineer: Shri Bhukya Suresh Geologist: Shri Deva Krishna Reddy (Part time).	Notice of appointments in respect of Mining Engineer & Geologist not submitted.	Rule 46	Notice of appointments in respect of Mining Engineer & Geologist not submitted to this office as per rule 46.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Proposed.	Incomplete details furnished in respect of Part- V of the annual return.	In Part-V, incomplete details furnished in respect of Para 1, Para 4 and Para 6.	Rule 45(5)	In Part-V, exploration details, waste handling details and machinery details furnished incorrectly.	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	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value, Ex. Mine price & production cost furnished in the annual return.	Ex-Mine Prices for BF grade Limestone: Rs. 599/ tonne. Production Cost: Rs. 145.60 /tonne	Dispatch of 2077.14 tonnes of BF grade Limestone reported during F.Y 2023-24.	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	Validated as 3 star during F.Y 2023-24.	Nil	No Violation	Nil	Nil

**Part-III : Other Reports****3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark   File Description
1	Nil	Nil

## 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	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	49000.00	Nil	49000.000	Rule 11(1)	No mine production and Waste development reported in F.Y 2023-24.	Nil
2	Annual Return : Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No Appointment Data	Mining Engineer: Shri Bhukya Suresh Geologist: Shri Deva Krishna Reddy (Part time).	Notice of appointments in respect of Mining Engineer & Geologist not submitted.	Rule 46	Notice of appointments in respect of Mining Engineer & Geologist not submitted to this office as per rule 46.	Nil
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Proposed.	Incomplete details furnished in respect of Part- V of the annual return.	In Part-V, incomplete details furnished in respect of Para 1, Para 4 and Para 6.	Rule 45(5)	In Part-V, exploration details, waste handling details and machinery details furnished incorrectly.	Nil
4	Intermediate Boundary Pillars	Construction of Intermediate Boundary Pillars	Intermediate Boundary Pillars were not found constructed as per rule 12(1) (v) of the MCR, 2016	Intermediate Boundary Pillars not constructed as per statute.	Rule 11(1)	Intermediate Boundary Pillars were not found constructed as per rule 12(1) (v) of the Minerals	Nil

						Concession Rules 2016 and as per Review of Mining Plan document.	
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Esigned by: KRISHNENDU CHATTERJEE  
Date: 07/05/2025 01:21:46 PM