

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	CHIKKASHELLIKERI	Lease Area (Ha) :	8.09
Forest Area (Ha) :	N/A	Mine Code :	38KAR05005
Registration Number :	IBM/7555/2011	Name of lessee :	BAGALKOT CHEMICAL INDUSTRIES
Address of lessee :	NANDI NEAR WATER TANK ,B M ROAD, BAGALKOT	Phone of lessee :	08354-220763
Email of lessee :	Bagalkotchemicalindustries@gmail.com	Fax Number :	N/A
Village :	Chickka-Shellikeri	Taluka / Mandal :	Bagalkot
District :	BAGALKOT	Pincode :	587101
State :	Karnataka	Post Office :	N/A
Nearest Police Station :	Badami	Nearest Railway Station :	Bagalkot
Date of Grant of Mining Lease :	1978-08-10	Date of Mining Lease Execution :	1978-08-10
Date of opening in the mine :	1978-08-10		

Nominated Owner Details			
Name of the Nominated Owner :	Ms BHARATI MEGUNDAPPA HURAKADLI	Nominated Owner Address:	Nandi Near Water Tank Bhagwan Shri Mahaveer Road B
Nominated Owner Mobile :	9448143908	Nominated Owner Email :	Bagalkotchemicalindustries@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2022-09-05
Mining Engineer Details			
Name of the Mining Engineer :	Kumar Nataraj N	Qualification of Mining Engineer :	Diploma In Mining Engineering
Address of Mining Engineer :	C/o Bagalkot Chemical Industries, Chikkashelliker, Tq And Distt - Bagalkot, PO- Kaladagi, Karnataka (587204)	Phone of Mining Engineer :	8015577543
Email of Mining Engineer :	Bagalkotchemicalindustries@gmail.com	Fax Number of Mining Engineer :	083542207
Date of Mining Engineer Appointment :	2022-10-15		
Geologist Details			
Name of the Geologist :	Suraj S. Mense	Qualification of Geologist :	M.Sc. (Applied Geology)
Address of Geologist :	C/o Bagalkot Chemical Industries, Chikkashelliker, Tq And Distt - Bagalkot, PO- Kaladagi, Karnataka (587204)	Phone of Geologist :	8970283537
Email of Geologist :	Bagalkotchemicalindustries@gmail.com	Fax Number of Geologist :	083542207
Date of Geologist Appointment :	2022-10-15		
Mine Manager Details			
Name of the Mine Manager :	Kumar Nataraj N	Qualification of Mine Manager :	Diploma In Mining Engineering

Address of Mine Manger :	C/o Bagalkot Chemical Industries, Chikkashelliker, Tq And Distt - Bagalkot, PO- Kaladagi, Karnataka (587204)	Phone of Mine Manger :	8015577543
Email of Mine Manger :	Bagalkotchemicalindustries@gmail.com	Fax Number of Mine Manger :	083542207
Date of Mine Manger Appointment :	2022-10-15		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-02-09 (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 :	Dr. Rakesh Kumar
Designation :	JMG
Name of the Accompanying Official from Mine :	Not Applicable
Designation of the Accompanying Official :	Not Applicable as a virtual inspection based on drone data and other relevant documents conducted
Type of Inspection :	MCDR,STR
Date of Inspection :	18/02/2025
Review year considered for MCDR Inspection :	2023-2024

Final Submitted

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	No exploration proposal, The area covered under the G1 level of exploration as per records	Nil	
2	Number of DTH Boreholes	0	0	0.000	No Violation	No exploration proposal, The area covered under the G1 level of exploration as per records	Nil	
3	Number of exploratory pits / trial pits	0	0	0.000	No Violation	Done as per proposal, The area covered under the G1 level of exploration as per records	Nil	
4	Number of exploratory Trenches	0	0	0.000	No Violation	Done as per proposal, The area covered under the G1 level of exploration as per records	Nil	
5	Lateral	G1	8.09	8.09	0.000	No Violation	The area covered	Nil

	exploration status for the lease area						under the G1 level of exploration as per records	
6		G2	0.00	0	0.000	No Violation	No area in G2 left, hence no exploration proposal	Nil
7		G3	0.00	0	0.000	No Violation	No area in G3 left, hence no exploration proposal	Nil
8		G4	0.00	0	0.000	No Violation	No area in G4 left, hence no exploration proposal	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 6099915.00 , Total Resource 4087393.00	Total Reserve 6099735 Tonnes Total Resource 4087393 Tonnes	Reserve 180 Tonnes	No Violation	A total production of 180 tonnes has been reported for the FY2023-24.	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 : Pit1 & Direction : N, S, E, and W	Pit : Pit1 & Direction : N, S, E, and W	0	No Violation	Working within the proposed pit	Nil
2	Quantity of overburden generation in m3	482	0	482.000	Rule 11(1)	Quantity of overburden is reported NIL against the approved proposal of 482 m3.	Nil
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
4	Stripping ratio : ore to OB ratio	122.4066	0	122.407	Rule 11(1)	The stripping ratio of the Ore is not maintained. An optimum balance between waste management and production efficiency is crucial for sustainability.	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved	Actual	Deviation	Violation under	Remark	Remark File
------	---------------------	-----------------	--------	-----------	-----------------	--------	-------------

		Mining Plan			Rule		
1	Number of pits / Blocks proposed for production	Pit ID : Pit 1	1	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
2	Quantity of ROM mineral production proposed (in T)	59000.00	180	58820.000	Rule 11(1)	Production of Limestone Ore is reported 180 tonnes against the approved proposal of 59,000 tonnes.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	59000.00	180	58820.000	Rule 11(1)	Production of Limestone Ore is reported 180 tonnes against the approved proposal of 59,000 tonnes.	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	00	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual	Manual	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
7	Whether height of benches in Overburden& mineral suitable for	Bench Height-3m Bench Width -5m	Bench Height-3m Bench Width -5m	0.000	No Violation	Working as per the reviewed and	Nil

	method of mining proposed in mining plan					updated Mining Plan	
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil

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 : 0 Dump ID : Nil	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
2	Quantity of dump material handling Proposed (in Tonne)	0.00	0.00	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0.00	0.00	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
4	Production from dump(s) during the year	0.00	0.00	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil

5	Quantity of mineral reject generation	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
8	Manual / Mechanized method adopted for dump working	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil

Final Submitted

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	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
3	Number of active & Inative dumps	0	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
5	Number of dumps proposed for stabilished	Year : 2023-2024, Dump ID : Nil	0	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil

Final Submitted

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	0.00	0.000	No Violation	Mine pit is not matured for backfilling.	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : Nil, Area Proposed : 0.00	No proposal	0.000	No Violation	Mine pit is not matured for backfilling.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	0	0.000	No Violation	Mine pit is not matured for backfilling.	Nil
4	Total area fully reclaimed & rehabilitated	0.000	0	0.000	No Violation	Mine pit is not matured for backfilling.	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal	No proposal	0.000	No Violation	Mine pit is not matured for backfilling.	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 1786281 to N 1786328 E 555166 to 555366, Area : 0.18, No. of Plant : 50 Plantation : Location :N 1786328 to N 1786236 E 555366 to E 555440, Area : 0.18, No. of Plant : 50 Pit ID : Nil, Area : 0.00	0.00	0.000	No Violation	The mineral is not exhausted from the pit, so no backfilling is reported	Nil
2	Rehabilitation by making water reservoir	No proposal	No proposal	0.000	No Violation	The mineral is not exhausted from the pit.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	No proposal	0.000	No Violation	The mineral is not exhausted from the pit.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	A private consultant monitoring	Environmental monitoring is carried out yearly through approved agencies and parameters are found within the stipulated limit	0.000	No Violation	Found in order	Nil

Final Submitted

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 sorting within the lease area	100%	0.000	No Violation	During FY 2023-24, manual sorting was carried out	Nil
2	Different grade of mineral sorted out at mines	Proposed for all >34% CaO	BF and Cement grade Limestone dispatch reported during FY 2023-24	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
3	Any beneficiation process at mines	No proposal	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal	No proposal	0.000	No Violation	Nil	Nil

Final Submitted

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	Not Proposed	No proposal	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not Proposed	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not Proposed	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
4	Plantation & Survival rate	Plantation : 50, Survial Rate : 60	Plantation : 50, Survial Rate : 60	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil
5	Water sprinkling on roads to control airborne dust	Yes, with water tanker	Yes, with water tanker	0.000	No Violation	Working as per the reviewed and updated Mining Plan	Nil

Final Submitted

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	Last Annual Returns : Yes, Submitted on 2023-06-29 Last Monthly Returns : Yes - January 2025 - Submitted on : 2025-02-05	Last Annual Returns : Yes, Submitted on 2023-06-29 Last Monthly Returns : Yes - January 2025 - Submitted on : 2025-02-05	0.000	No Violation	Found in order	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No Appointment Data	Mining Engineer - 2022-10-15 Geologist - 2022-10-15	0.000	No Violation	Found in order	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	No	0.000	No Violation	Found in order	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Approved	Approved	0.000	No Violation	Found in order	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Submitted	Submitted	0.000	No Violation	Found in order	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. Mine price 575 (BF) and 350 (Cement) (- Tonnes) Production cost - 272.30 -per Tonnes	Ex. Mine price 481 (- Tonnes) Production cost - 272.30 -per Tonnes	0.000	No Violation	Found in order	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	2021-22: 3star 2022-23: 3star 2023-24: 3star	2021-22: 3star 2022-23: 3star 2023-24: 3star	0.000	No Violation	As per records	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Mine_Profile_38KAR05005.pdf	MIDPAS report has been submitted after analysis.

Final Submitted

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 : Quantity of overburden generation in m3	482	0	482.000	Rule 11(1)	Quantity of overburden is reported NIL against the approved proposal of 482 m3.	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	122.4066	0	122.407	Rule 11(1)	The stripping ratio of the Ore is not maintained. An optimum balance between waste management and production efficiency is crucial for sustainability.	Nil
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	59000.00	180	58820.000	Rule 11(1)	Production of Limestone Ore is reported 180 tonnes against the approved proposal of 59,000 tonnes.	Nil
4	Exploitation - Opencast Mine : Recovery of salable/usable mineral	59000.00	180	58820.000	Rule 11(1)	Production of Limestone Ore is	Nil

	quantity from ROM production in T)					reported 180 tonnes against the approved proposal of 59,000 tonnes.	
5	Digital Aerial Images of Mining Lease Area	NA	Digital Aerial Image is not as per the standard Operating Procedures specified by the Indian Bureau of Mines.	Digital Aerial Image is not as per the standard Operating Procedures specified by the Indian Bureau of Mines.	Rule 34A(2)	Digital Aerial Images are not as per the SOP specified by the Indian Bureau of Mines.	Nil

Final Submitted

Esigned by:  Dr. Rakesh Kumar
Date: 28/02/2025 05:16:27 PM