

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	07MSH20004	Lease Area (Ha) :	218.285
Forest Area (Ha) :	N/A	Mine Code :	07MSH20004
Registration Number :	IBM/5370/2011	Name of lessee :	ASHAPURA MINECHEM LIMITED
Address of lessee :	278 ,JEEVAN UDYOG BUILDING ,3rd FLOOR D N ROAD ,FORT, MUMBAI	Phone of lessee :	022-6665170
Email of lessee :	Sangram@ashapura.com	Fax Number :	N/A
Village :	Rowale	Taluka / Mandal :	Dapoli
District :	RATNAGIRI	Pincode :	400001
State :	Maharashtra	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2005-02-15	Date of Mining Lease Execution :	2005-02-15
Date of opening in the mine :	2005-07-01		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr HEMUL RAMESH SHAH	Nominated Owner Address:	278, D. N. Road, Fort, Mumbai
Nominated Owner Mobile :	9820911707	Nominated Owner Email :	Hemul@ashapura.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2020-02-28
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Krishnaraj Viyayak Shirodkar	Qualification of Mining Engineer :	BE-Mining
Address of Mining Engineer :	M/s Ashapura Minechem Ltd, 986, Annab Villa, Mandangad Road, Dapoli 415712	Phone of Mining Engineer :	9820911707
Email of Mining Engineer :	Sangram@ashapura.com	Fax Number of Mining Engineer :	NIL
Date of Mining Engineer Appointment :	2024-08-16		
<b>Geologist Details</b>			
Name of the Geologist :	Kamal Kant Vyas	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	M/s Ashapura Minechem Ltd, 986, Annab Villa, Mandangad Road, Dapoli 415712	Phone of Geologist :	9820911707
Email of Geologist :	Sangram@ashapura.com	Fax Number of Geologist :	NIL
Date of Geologist Appointment :	2024-08-16		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Sanjay Kumar Singh	Qualification of Mine Manager :	AMIE Mining
Address of Mine Manger :	M/s Ashapura Minechem Ltd, 986, Annab Villa, Mandangad Road, Dapoli 415712	Phone of Mine Manger :	9820911707

Email of Mine Manger :	Sangram@ashapura.com	Fax Number of Mine Manger :	NIL
Date of Mine Manger Appointment :	2015-10-07		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-11-21 (2025 - 2029)
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 :	SMG
Name of the Accompanying Official from Mine :	Mines Manager and Mining Engineer.
Designation of the Accompanying Official :	S/Shri Girisha Hegde- Mines Head, Shri Sanjay Kumar Singh– Mines Manager, Krishnaraj Shirodkar-Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	14/02/2025
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	No proposal	Nil during 2023-24.	Nil	No Violation	Nil	Nil
2	Number of DTH Boreholes	No proposal	Nil during 2023-24.	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits	No proposal	Nil during 2023-24.	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches	No proposal	Nil during 2023-24.	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	No proposal	95.73 Ha. so far	Nil	No Violation	Nil
6		G2	No proposal	12.60 Ha. so far	Nil	No Violation	Nil
7		G3	No proposal	52.32 Ha. so far	Nil	No Violation	Area proved as non-mineralized: 37.82 Ha. Additional exploration by 25 nos. of trial pits proposed by the lessee during 2025-26 to 2029-30.
8		G4	No proposal	Nil	Nil	No Violation	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)	No proposal	111 & 121: 7,370,998 tonnes. Remaining resources: 3,206,893 tonnes.	Nil	No Violation	As per submitted AR of F.Y 2023-24.	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	Block-1 and in Block-2.	No change in development area.	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	20000	3600	16400.000	No Violation	Stripping Ratio maintained by the lessee during F.Y 2023-24.	Nil
3	Quantity of topsoil generation in m3	No proposal	Nil	Nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1: 0.07	1: 0.07	Nil	No Violation	Stripping Ratio maintained in F.Y 2023-24.	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	2 nos. of blocks proposed.	2 nos. of blocks operated in F.Y 2023-24.	Nil	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	360000	72000	288000.000	No Violation	No violation pointed out since Stripping Ratio maintained by the Lessee.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	93% proposed.	Approx. 93%	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	40000	0	40000.000	No Violation	Low grade bauxite was suitably blended with higher grade ore as per customer requirement. No mineral reject generation in F.Y 2023-24.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	30 to 35% Al <sub>2</sub> O <sub>3</sub> .	No mineral reject generation in F.Y 2023-24.	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized Mining proposed.	Mechanized Mining adopted	Nil	No Violation	Nil	Nil

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	6m of bench height proposed.	5 to 6m bench height maintained.	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	Nil	No Violation	Nil	Nil

Final Submitted

### 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	Concurrent backfilling of mined out pits proposed.	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	No proposal	Nil	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	40000	Nil	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	Grade of Mineral Reject: 30 to 35% Al <sub>2</sub> O <sub>3</sub> .	No mineral reject generation in F.Y 2023-24.	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)	Concurrent backfilling of OB waste and Separate dumping of mineral reject proposed.	Not applicable as no mineral reject was generated in F.Y 2023-24.	Nil	No Violation	Concurrent backfilling of mined out pits are in progress.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Proposed in Block -1.	Not applicable as no mineral reject was generated in F.Y 2023-24.	Nil	No Violation	Nil	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 stabilished	No proposal	Not applicable	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Planation proposed in backfilled areas.	By plantation	Nil	No Violation	The overburden/ waste generated is being utilized for concurrent backfilling of mined out areas. Retaining wall and garland drains constructed along the downslope of the backfilled areas to prevent	Nil

						wash off during monsoon.	
--	--	--	--	--	--	--------------------------	--

### 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	Concurrent backfilling proposed.	Concurrent backfilling carried out at mined out areas.	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	2.02 Ha.	2.00 Ha. in F.Y 2023-24.	Nil	No Violation	Backfilling is being carried out after complete extraction of ore.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal	Nil	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	Not applicable	Nil	No Violation	Backfilled reclaimed areas are not matured for rehabilitation.	Nil

Final Submitted

**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.	2.02 Ha. backfilling proposed. 2020 nos. of plantation proposed over the backfilled areas.	2.00 Ha. area backfilled in F.Y. 2023-24. 1300 nos. of plantation carried out in F.Y 2023-24.	Nil	No Violation	Backfilled areas not matured for rehabilitation.	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	2.02 Ha. afforestation proposed. Method of rehabilitation proposed by backfilling and plantation.	2.00 Ha. area backfilled in F.Y 2023-24.	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed.	Carried out on quarterly basis and parameters are found within the limit.	Nil	No Violation	Nil	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 & sizing.	Grade wise sorting & sizing through screening.	Nil	No Violation	Dry Crushing & Screening with Mobile Screening Plant	Nil
2	Different grade of mineral sorted out at mines	Proposed for all +30% Al <sub>2</sub> O <sub>3</sub>	Cement grade bauxite despatch reported in F.Y 2023-24.	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.)	Proposed.	No mineral reject generation reported in F.Y 2023-24.	Nil	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	No proposal	Not applicable	Nil	No Violation	Working area of 2023-24 devoid of top soil.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling proposed.	Backfilling of mined out pits after complete extraction of ore.	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed.	Phased restoration of mined out land carried out by plantation over the backfilled areas.	Nil	No Violation	10.026 Ha. of ML area is backfilled so far.	Nil
4	Plantation & Survival rate	2020 nos. proposed with 80% survival rate.	1300 nos. sapling planted in F.Y 2023-24; approx. survival rate 70 to 80%.	Deviation observed in respect of actual plantation.	Rule 11(1)	Actual plantation was less than approved proposal.	Nil
5	Water sprinkling on roads to control airborne dust	Proposed.	Water Sprinkling arrangement on haul roads with water tankers have been made.	Nil	No Violation	Nil	Nil

**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	Proposed.	Monthly and Annual returns have been submitted regularly .	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Proposed.	Shri Sanjay Kumar Singh-Mines Manager, Shri Krishnaraj Shiroadkar-Mining Engineer. Shri Kamal Kant Vyas-Geologist.	Nil	No Violation	Notice of appointments submitted as per MCDR-2017 provision.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	PART-II A (Capital Structure) and PART-V (General Geology & Mining), Para 1.	Details are furnished incorrectly as Nil.	1. PART-II A (Capital Structure): In para 1, value of Fixed Assets in respect of Office Building has been mentioned incorrectly as Nil. Fixed Assets values in respect of Plant and Machinery including transport equipment are mentioned	Rule 45(5)	Annual Return is required to be corrected by the lessee.	Nil

				<p>incorrectly as Nil. Capitalised Expenditure details, if applicable, need to be furnished. 2. PART-V (General Geology &amp; Mining), Para 1: Pitting details at the beginning of the year and cumulative Pitting details have been incorrectly mentioned as Nil. Expenditure on exploration is not reported. As per available office records, total 65 nos. of Trial Pits drilled in the ML area so far; but such details are not reported by the lessee in the submitted Annual Return of 2023-24.</p>			
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	Ex. mine price for Cement grade Bauxite reported as Rs. 485 per	Production cost mentioned incorrectly in the Annual Return	Employment and salary-wages paid to the employees exclusive to the	Rule 45(5)	Cost of Production is required to be corrected in Part-	Nil

		tonne. Production cost reposted as Rs. 451.02 per tonne.	2023-24.	mine (as furnished in Part-II, Para-3 of Employment and Wages) is arriving to Rs. 73.91 per tonne. The same is not found considered in Direct Cost under Mining head.		VII.	
--	--	--	----------	---	--	------	--

**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	3 Star reported in F.Y 2023-24	3 Star in F.Y 2023-24.	Nil	No Violation	Nil	Nil

Final Submitted

### 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	Environment : Plantation & Survival rate	2020 nos. proposed with 80% survival rate.	1300 nos. sapling planted in F.Y 2023-24; approx. survival rate 70 to 80%.	Deviation observed in respect of actual plantation.	Rule 11(1)	Actual plantation was less than approved proposal.	Nil
2	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	PART-II A (Capital Structure) and PART-V (General Geology & Mining), Para 1.	Details are furnished incorrectly as Nil.	1. PART-II A (Capital Structure): In para 1, value of Fixed Assets in respect of Office Building has been	Rule 45(5)	Annual Return is required to be corrected by the lessee.	Nil

				<p>mentioned incorrectly as Nil. Fixed Assets values in respect of Plant and Machinery including transport equipment are mentioned incorrectly as Nil. Capitalised Expenditure details, if applicable, need to be furnished. 2. PART-V (General Geology &amp; Mining), Para 1: Pitting details at the beginning of the year and cumulative Pitting details have been incorrectly mentioned as Nil. Expenditure on exploration is not reported. As per available office records, total 65 nos. of Trial Pits drilled in the ML area so far; but such details are not reported by the lessee in the submitted Annual Return of 2023-24.</p>			
--	--	--	--	---	--	--	--

Final Submitted

3	Annual Return : Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. mine price for Cement grade Bauxite reported as Rs. 485 per tonne. Production cost reposted as Rs. 451.02 per tonne.	Production cost mentioned incorrectly in the Annual Return 2023-24.	Employment and salary-wages paid to the employees exclusive to the mine (as furnished in Part-II, Para-3 of Employment and Wages) is arriving to Rs. 73.91 per tonne. The same is not found considered in Direct Cost under Mining head.	Rule 45(5)	Cost of Production is required to be corrected in Part-VII.	Nil
4	Compliance of Rule 34A (1) provision.	Digital aerial images of the mining lease area submitted in 2024.	Drone survey report of the mining lease area is not found submitted as per the Standard Operating Procedures published by the Indian Bureau of Mines.	Drone survey report of the mining lease area is not found submitted/uploaded as per the Standard Operating Procedures prepared by the Indian Bureau of Mines. Shape files like ML boundary, Boundary Pillars locations, Actual excavation locations, Backfilling locations, Mineral Storage locations, Infrastructure details, Drone Survey log sheet etc. are not	Rule 34A(1)	Drone survey report is required to be corrected as per the SOP.	Nil

Final Submitted

				provided with the drone survey report. Further, DTM profiles submitted along with Drone survey report during 2023 and 2024 is showing inaccurate elevation difference from 50 to 80m and therefore, not reflecting precise ground position.			
5	Construction of Boundary Pillars	The lessee is required to erect, maintain and keep in repair all the Boundary Pillars as per rule 12(1) (v) of the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules 2016 and as per approved Review of Mining Plan document.	During inspection it was observed that all Boundary Pillars and Intermediate Boundary Pillars not constructed by the lessee.	Boundary Pillars and Intermediate Boundary Pillars are not found constructed. Intermediate Boundary Pillars were not maintained along the common boundary working area with Umbershet Bauxite Mine.	Rule 11(1)	Boundary Pillars and Intermediate Boundary Pillars are required to be constructed by the lessee as per the statute.	Nil

Esigned by: KRISHNENDU CHATTERJEE  
Date: 05/03/2025 11:49:28 AM