

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	07MSH20002	Lease Area (Ha) :	99.8619
Forest Area (Ha) :	N/A	Mine Code :	07MSH20002
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 :	Umbarshet	Taluka / Mandal :	Dapoli
District :	RATNAGIRI	Pincode :	400001
State :	Maharashtra	Post Office :	N/A
Nearest Police Station :	Dapoli	Nearest Railway Station :	Khed
Date of Grant of Mining Lease :	2005-01-04	Date of Mining Lease Execution :	2005-01-04
Date of opening in the mine :	2005-01-20		

Nominated Owner Details			
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
Mining Engineer Details			
Name of the Mining Engineer :	Shri Sanjay Kumar Singh	Qualification of Mining Engineer :	AMIE Mining
Address of Mining Engineer :	M/s Ashapura Minechem Ltd, 986, Annab Villa, Mandangad Road, Dapoli 415712	Phone of Mining Engineer :	9922941731
Email of Mining Engineer :	Sangram@ashapura.com	Fax Number of Mining Engineer :	Nil
Date of Mining Engineer Appointment :	2024-04-29		
Geologist Details			
Name of the Geologist :	Shri Shiva Kumar S	Qualification of Geologist :	M.Sc. Applied 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 :	2019-06-14		
Mine Manager Details			
Name of the Mine Manager :	Shri 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 :	9922941731

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 :	2024-05-08 (2024 - 2028)
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 cum Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	14/02/2025
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		No proposal	Nil during 2023-24	Nil	No Violation	Previous exploration carried out by 72 nos. of trial pitting; depth of pitting varying from 3.5m to 7m.	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	60.84 Ha.	60.84 Ha.	Nil	No Violation	Previous exploration carried out by 72 nos. of trial pitting; depth of pitting varying from 3.5m to 7m.	Nil
6		G2	7.07 Ha.	7.07 Ha.	Nil	No Violation	Nil	Nil
7		G3	31.94 Ha.	31.94 Ha.	Nil	No Violation	In G2 and G3 areas, additional exploration by 40 nos. of boreholes	Nil

							proposed by the lessee during 2025-26 to 2029-30.	
8		G4	No proposal	Nil	Nil	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)		No proposal	Total Reserve under UNFC Cat. 111: 4,133,418 tonnes. Remaining Resources: 2,576,953 tonnes.	Nil	No Violation	As per submitted AR of F.Y 2023-24. Depletion of reserve by concurrent mine production is applied. Quality of Bauxite +30% to 40.05% Al ₂ O ₃ .	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	N 1982823 To N 1982223 and E 297567 to E 2978067	N 1982823 To N 1982223 and E 297567 to E 2978067	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m ³	10826	12878	-2052.000	No Violation	Additional waste handling due to previous year	Nil

						development backlog.	
3	Quantity of topsoil generation in m3	No proposal	Nil	Nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1: 0.04	1:0.07	Additional waste handling in F.Y. 2023-24 due to previous year (2022-23) development backlog.	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	Single pit proposed.	Single pit worked in 2023-24 adjacent to Pit-6.	Nil	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	439513	257550	181963.000	No Violation	As communicated by the lessee representative, ROM production was affected due to less demand of low-grade bauxite from cement-based industries.	Nil

3	Recovery of salable/usable mineral quantity from ROM production in T)	96% proposed.	Approx. 93%	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	50518	0	50518.000	No Violation	No mineral reject generation in F.Y 2023-24. Low grade bauxite was suitably blended with higher grade ore as per cement-based industries requirement.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	30 to 35% Al ₂ O ₃	Not applicable	Nil	No Violation	No mineral reject generation in F.Y 2023-24.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized mining proposed.	Mechanized mine.	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 are 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	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	50518	Nil	50518.000	No Violation	No mineral reject generation in F.Y 2023-24.	Nil
6	Grade of mineral reject generation and threshold value declared	Mineral reject 30% to 35% Al2O3	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)	Concurrent backfilling of mined out pits by OB waste and Separate dumping of mineral reject proposed.	Concurrent backfilling of mined out pits by OB waste being carried out as per proposal. No mineral reject generation in F.Y 2023-24	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Mineral reject disposal proposed over Pit-2	Not applicable since no mineral reject generation in F.Y 2023-24.	Nil	No Violation	Proposed mining areas were devoid of any topsoil.	Nil
3	Number of active & Inative dumps	No proposal	Nil	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.)	Proposed by plantation over the backfilled areas.	Not carried out as per proposal. Unsystematic stackings of ROM and grade wise ore near the working benches were observed	Stacking of ROM and Grade wise production were not carried out at designated places. Adjacent to working benches, multiple	Rule 11(1)	Lessee is advised to remove and shift the ore stocks at designated areas to facilitate backfilling and plantation over	Nil

			during the inspection.	stockpiles of ROM and products were made which defies systematic development and concurrent backfilling of the mined-out pits		mined out areas as per approved proposal.	
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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	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	1.65 Ha.	1.70 Ha.	Nil	No Violation	Nil	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	Backfilled areas not matured for rehabilitation.	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.	1.65 Ha. area proposed for afforestation. 1500 nos. of plantation proposed over the backfilled areas.	1.70 Ha. area was backfilled in 2023-24 and afforested. 1300 nos. of plantation carried out over the backfilled areas.	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	1.65 Ha. afforestation proposed. Method of rehabilitation proposed by backfilling and plantation	1.70 Ha. area was backfilled and afforested in 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	Monitoring results parameters were found within the limit.	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 sorting & sizing.	Grade wise sorting & sizing through mobile screening.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Proposed for all +30% Al ₂ O ₃	Cement grade Bauxite dispatch reported in F.Y 2023-24.	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No proposal	Nil except dry crushing and screening of ore.	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal	No mineral reject generation in F.Y 2023-24.	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	Not applicable	Nil	No Violation	Working area in 2023-24 devoid of topsoil.	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	Nil	Nil
4	Plantation & Survival rate	1500 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 as per the provision of rule 45 of MCDR-2017.	Monthly and Annual Return during F.Y 2023-24 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 cum Mining Engineer, Shri Shiva Kumar S -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).	Details are furnished incorrectly in the Annual Return.	PART-II A (Capital Structure): In para 1, 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.	Rule 45(5)	As per available office records, total 72 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.	Nil

				<p>PART-V (General Geology & 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 also not reported. In para 4 (Overburden and Waste), backfilled quantity during the year incorrectly furnished as Nil.</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	Notices and Returns submitted as per MCDR -2017 provision.	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 tonne. Production cost reposted as Rs. 451.02 per tonne.	Production cost mentioned incorrectly in the Annual Return 2023-24.	Part-VII, Cost of Production: 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	Rule 45(5)	Cost of Production is required to be corrected in Part-VII.	Nil

				to Rs. 15.89 per tonne. The same is not found considered in Direct Cost under Mining head. Further, no exploration activity was carried out by the lessee in F.Y 2023-24, however, Exploration cost has been mentioned as Rs. 5.00 per tonne.			
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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

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	OB / Waste Dumps details : Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Proposed by plantation over the backfilled areas.	Not carried out as per proposal. Unsystematic stackings of ROM and grade wise ore near the working benches were observed during the inspection.	Stacking of ROM and Grade wise production were not carried out at designated places. Adjacent to working benches, multiple stockpiles of ROM and products were made which defies systematic development and concurrent backfilling of the mined-out pits	Rule 11(1)	Lessee is advised to remove and shift the ore stocks at designated areas to facilitate backfilling and plantation over mined out areas as per approved proposal.	Nil
2	Environment : Plantation & Survival rate	1500 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
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	PART-II A (Capital Structure) and PART-V (General Geology & Mining).	Details are furnished incorrectly in the Annual Return.	PART-II A (Capital Structure): In para 1, Fixed Assets values in respect of Plant and	Rule 45(5)	As per available office records, total 72 nos. of Trial Pits drilled in the ML area so far; but such	Nil

				<p>Machinery including transport equipment are mentioned incorrectly as Nil. Capitalised Expenditure details, if applicable, need to be furnished.</p> <p>PART-V (General Geology & 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 also not reported. In para 4 (Overburden and Waste), backfilled quantity during the year incorrectly furnished as Nil.</p>		<p>details are not reported by the lessee in the submitted Annual Return of 2023-24.</p>	
4	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.	Part-VII, Cost of Production: Employment and salary-wages paid to the employees exclusive to the mine (as furnished in Part-	Rule 45(5)	Cost of Production is required to be corrected in Part-VII.	Nil

				<p>II, Para-3 of Employment and Wages) is arriving to Rs. 15.89 per tonne. The same is not found considered in Direct Cost under Mining head.</p> <p>Further, no exploration activity was carried out by the lessee in F.Y 2023-24, however, Exploration cost has been mentioned as Rs. 5.00 per tonne.</p>			
5	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	Rule 34A(1)	Drone survey report is required to be corrected as per the SOP.	Nil

				Storage locations, Infrastructure details, Drone Survey log sheet etc. are not provided with the drone survey report.			
6	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 Rovale Bauxite Mine.	Rule 11(1)	Boundary Pillars and Intermediate Boundary Pillars are required to be constructed by the lessee as per the statute.	Nil
7	Yearly Report on Progressive Mine Closure Plan	Yearly report on Progressive Mine Closure Plan to be submitted before 1st day of July every year along with the Annual Return.	Yearly report on Progressive Mine Closure Plan not submitted along with the Annual Return of 2023-24.	Compliance report of PMCP not submitted for F.Y 2023-24.	Rule 26(2)	Yearly report on Progressive Mine Closure Plan is required to be uploaded with the Annual Return of 2023-24.	Nil

Esigned by: KRISHNENDU CHATTERJEE
Date: 05/03/2025 11:34:34 AM