

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	VISHNUPURAM- II (27)	Lease Area (Ha) :	316.47
Forest Area (Ha) :	N/A	Mine Code :	38APR14011
Registration Number :	IBM/613/2011	Name of lessee :	The India Cements Limited
Address of lessee :	Coromandel Towers, 93,Santhome High Road, ,Karpagam Avenue, Raja Annamalai Puram,, Chennai	Phone of lessee :	044-2857210
Email of lessee :	Palanikumaresan.m@indiacements.co.in	Fax Number :	N/A
Village :	Wadapalli	Taluka / Mandal :	Dameracherla
District :	Nalgonda	Pincode :	600028
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Wadapally	Nearest Railway Station :	Wadapally
Date of Grant of Mining Lease :	2018-05-11	Date of Mining Lease Execution :	2018-05-11
Date of opening in the mine :	1981-01-16		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr E R RAJ NARAYANAN	Nominated Owner Address:	COROMANDEL TOWERS, 93, SANTHOME HIGH ROAD, CHENNAI
Nominated Owner Mobile :	9710911585	Nominated Owner Email :	Mines@indiacements.co.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-12-25
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shiva Kumar Anumasa	Qualification of Mining Engineer :	B.E. Mining.
Address of Mining Engineer :	The India Cements Ltd., Vishnupuram Works, Wadapally Post, Damaracherla Mandal, Nalgonda-Dist, Telangana- 508355.	Phone of Mining Engineer :	9490758045
Email of Mining Engineer :	Vpm_mines@indiacements.co.in	Fax Number of Mining Engineer :	868928447
Date of Mining Engineer Appointment :	2023-10-10		
<b>Geologist Details</b>			
Name of the Geologist :	V. Ananda Kumar	Qualification of Geologist :	Msc., Geology.
Address of Geologist :	The India Cements Ltd., Vishnupuram Works, Wadapally Post, Damaracherla Mandal, Nalgonda-Dist, Telangana- 508355.	Phone of Geologist :	9133413410
Email of Geologist :	Vpm_mines@indiacements.co.in	Fax Number of Geologist :	868928447
Date of Geologist Appointment :	2024-04-01		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shiva Kumar Anumasa	Qualification of Mine Manager :	B.E. Mining.

Address of Mine Manger :	The India Cements Ltd., Vishnupuram Works, Wadapally Post, Damaracherla Mandal, Nalgonda-Dist, Telangana- 508355.	Phone of Mine Manger :	9490758045
Email of Mine Manger :	Vpm_mines@indiacements.co.in	Fax Number of Mine Manger :	868928447
Date of Mine Manger Appointment :	2023-10-10		
Mineral(s) granted in lease and proved for mining :	CLAY (OTHERS),LIMESTONE,SHALE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-10-28 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	MK KALMATA
Designation :	RMG
Name of the Accompanying Official from Mine :	A.Shiva Kumar
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR
Date of Inspection :	24/03/2025
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		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	So far, 137core holes have been drilled, with a total meterage of 3216.6 meters.	Nil
2	Number of DTH Boreholes		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Entire Mineralized is explored by core drilling only.	Nil
3	Number of exploratory pits / trial pits		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
4	Number of exploratory Trenches		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
5	Lateral exploration status for the lease area	G1	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The total lease area is 316.47hectares, & Entire lease area is mineralized. The entire mineralized area has already been explored under the G-1 level by drilling 137 exploratory boreholes, totaling 3216.6 meters in depth.	Nil

6		G2	None in the year 2024-25.	None in the year 2024-25.	Nil	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
7		G3	None in the year 2024-25.	None in the year 2024-25.	Nil	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
8		G4	None in the year 2024-25.	None in the year 2024-25.	Nil	No Violation	Entire Mineralized area is already explored under G-1 level.	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)	(As per the approved document dated 31-03-2020) (In million tonnes) (As on 31-12-2019) Total Reserves: 26.50 Total Mineral Resources:- 84.47 Grand Total:- 110.97	Reserves/Resources as on 01-10-2024 are as follows. (In Million tones) Total Reserves: 25.75 Total Mineral Resources:- 90.77 Grand Total:- 116.52	None.	No Violation	Based on the exploration carried out during the five-year block period from 2020-21 to 2024-25, the lessee has re-estimated the reserves/resources in the approved review of the mining plan dated 28-10-2024.	Nil	

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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	In the year 2024-25, there was a proposal to work in two blocks and details are as follows. Block A : 1) N1847118 to 1847320 & E 356595 to 356615 2) N 1847490 to 1847565 & E 356455 to 356535 Block D:- 1)N1847545 to 1847850 and E 355817 to 356055 2) N 1847935 to 1848190 and E 355435 to 355665 3) N 1848140 to 184827t & E 355025 to 355110	During the year 2024-25, actual work was carried out only in Block No. D, within the coordinates N 1847850 to 1848085 and E 355665 to 355980.	In the year 2024-25, only 12% of the proposed production was achieved, as work was carried out in only one block. The operations were not conducted as per the approved proposal.	No Violation	The lessee has updated the latest status of working locations in the approved Review of Mining Plan dated 28.10.2024 for the block period 2025–26 to 2029–30. Therefore, no violation has been pointed out based on the present inspection	Nil
2	Quantity of overburden generation in m3	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	No overburden (OB) exists in the area proposed for working during the block period 2020–21 to 2024–25.	Nil
3	Quantity of topsoil generation in m3	25251 in the year 2024-25.	None in the year 2024-25.	Production is decreased by	No Violation	The lessee has updated the latest	Nil

				88.93 % in the year 2024-25 (up to February 2025) .and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.		status regarding topsoil handling in the approved Review of Mining Plan dated 28.10.2024 for the block period 2025–26 to 2029–30. Therefore, no violation has been pointed out based on the present inspection.	
4	Stripping ratio : ore to OB ratio	1:0	1:0	None.	No Violation	None.	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	Two pits in the year 2024-25 (Block A and Block D).	In the year 2024-25, working has been carried out in Block no D only.	Due to lower production, mining was carried out in only one pit, against the proposed two pits. There are four existing pits within the lease area with the	No Violation	The lessee has updated the latest status regarding topsoil handling in the approved Review of Mining Plan dated 28.10.2024 for the block period 2025–26 to	Nil

				following dimensions (L W H): 1) Pit A: 820m 530m 18m 2) Pit B: 392m 200m 15m 3) Pit C: 86m 96m 7.5m 4) Pit D: 492m 534m 17.5m		2029–30. Therefore, no violation has been pointed out based on the present inspection.	
2	Quantity of ROM mineral production proposed (in T)	1399665 tonnes in the year 2024-25.	154875 tonnes in the year 2024-25 (up to February 2025).	Production decreased by 88.93 % in the year 2024-25 (up to February 2025).	No Violation	The lessee has updated the latest status regarding topsoil handling in the approved Review of Mining Plan dated 28.10.2024 for the block period 2025–26 to 2029–30. Therefore, no violation has been pointed out based on the present inspection.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1399665 tonnes in the year 2024-25.	154875 tonnes in the year 2024-25 (up to February 2025).	Production decreased by 88.93 % in the year 2024-25 (up to February 2025).	No Violation	Recovery is 100%	Nil
4	Quantity of mineral reject/Sub-grade generation	None.	None.	None.	No Violation	Lessee is dispatching Entire ROM under Cement grade to the captive cement plant linked with the	Nil

						mine.	
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Not applicable.	Not applicable.	None.	No Violation	None.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	None.	None.	None.	No Violation	Lessee is dispatching Entire ROM under Cement grade to the captive cement plant linked with the mine.	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	In the year 2024-25, bench proposed in ore 8.00Mtrs and no OB bench was proposed.	In the year 2024-25, mining was carried out in Pit No. D only, where a bench height ranging from 5.0 to 8.0 meters was maintained, with an average height of approximately 7.0 meters.	Bench parameters have been maintained within the proposed limits.	No Violation	None.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	None.	No Violation	None.	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	None.	None.	None.	No Violation	None.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	None.	None.	None.	No Violation	None.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None.	None.	None.	No Violation	None.	Nil
4	Production from dump(s) during the year	None.	None.	None.	No Violation	None.	Nil
5	Quantity of mineral reject generation	None.	None.	None.	No Violation	None.	Nil
6	Grade of mineral reject generation and threshold value declared	None.	None.	None.	No Violation	None.	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	None.	None.	None.	No Violation	None.	Nil
8	Manual / Mechanized method adopted for dump working	None.	None.	None.	No Violation	None.	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)	In the year 2024-25 there was a proposal to store topsoil separately.	None in the year 2024-25.	The working was carried out only in the already broken-up area; therefore, no topsoil was removed.	No Violation	There are no dumps present within the lease area. The topsoil that was removed earlier has been used for reclamation in the northern part of Pit A near the lease boundary, as well as for plantation purposes along the safety zone.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dumping of topsoil was proposed near BP-33, BP-34 to BP-37, and BP-39 in Block D.	None in the year 2024-25.	The working was carried out only in the already broken-up area; therefore, no topsoil was removed.	No Violation	There are no dumps present within the lease area. The topsoil that was removed earlier has been used for reclamation in the northern part of Pit A near the lease boundary, as well as for plantation purposes along the safety zone.	Nil
3	Number of active & Inative dumps	One in the year 2024-25.	None in the year 2024-25.	None.	No Violation	There are no dumps within the	Nil

						lease area. One topsoil dump was proposed for the year 2024–25. However, due to lower production during that year, no topsoil was removed, and hence, the proposed dump was not formed.	
4	Number of dead dumps	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
5	Number of dumps proposed for stabilised	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil

#### 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	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
2	Year-wise area under backfilling of mined out area	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Earlier, reclamation in the northern part of	Nil

						Pit A near the lease boundary was carried out for rectification of benches.	
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	In the year 2024-25, it was proposed to generate 25251 CUM and utilize 10251 cubic meters of topsoil for reuse and 15000 cum for storage.	None in the year 2024-25.	The topsoil was not generated as proposed.	No Violation	The topsoil that was removed earlier has been used for reclamation in the northern part of Pit A near the lease boundary, as well as for plantation purposes along the safety zone.	Nil
4	Total area fully reclaimed & rehabilitated	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Earlier, about 6.65Ha is reclaimed in the northern part of Pit A near the lease boundary for rectification of benches.	Nil
5	Locations of proposed reclamation & rehabilitated	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Earlier, about 6.65Ha is reclaimed in the northern part of Pit A near the lease boundary for rectification of benches.	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.	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Earlier, about 6.65 hectares were reclaimed by backfilling in the northern part of Pit A near the lease boundary for rectification of benches, and plantation was carried out on the reclaimed area.	Nil
2	Rehabilitation by making water reservoir	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	In the year 2024-25, 1.2 hectares of the safety zone were proposed for plantation with 1000 saplings.	An area of 1.20 hectares was covered under plantation with 1000saplings.	None.	No Violation	None.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Yes, Air, Water and Noise monitoring was proposed in Core and Buffer zone.	Environmental monitoring in the core and buffer zone is carried out as per the proposal and results are within permissible limits.	None.	No Violation	Environmental monitoring is carried out by B.S. Envi-tech Pvt. Ltd., Hyderabad.	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	Proposed dispatch of Cement grade ROM to Captive Cement Plant.	Dispatching Cement Grade limestone to the Captive plant attached to the lease	None.	No Violation	None.	Nil
2	Different grade of mineral sorted out at mines	Cement Grade.	Cement Grade.	None.	No Violation	Lessee is dispatching Cement grade limestone to Captive plant.	Nil
3	Any beneficiation process at mines	None.	None within the lease area.	None.	No Violation	Lessee is sending ROM to the crushing plant which is existing near plant after crushing feeding to the plant.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	None.	None.	None.	No Violation	Nil	Nil

**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	Yes proposed removal & Utilization of topsoil in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The lessee has updated the latest status regarding topsoil handling in the approved Review of Mining Plan dated 28.10.2024 for the block period 2025–26 to 2029–30. Therefore, no violation has been pointed out based on the present inspection	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	None.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None in the year 2024-25.	None in the year 2024-25.	Nil	No Violation	Earlier, about 6.65 hectares were reclaimed by backfilling in the northern part of Pit A near the lease boundary for rectification of benches, and plantation was carried out on the reclaimed area.	Nil

4	Plantation & Survival rate	Proposed 1000 saplings in the year 2024-25. With survival rate of 90%.	Planted 1000saplings in the year 2024-25 and survival rate is 85 to 90%.	Plantation was made as per the proposal.	No Violation	None.	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed.	To control airborne dust, the lessee is regularly spraying water on haul roads and within mining	None.	No Violation	Dust suppression is being carried out using a 10,000-litre capacity water tanker.	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	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Submitting Monthly and Annual returns within the time limit.	None.	No Violation	Submitted Annual returns for the year 2023-24 on 18-06-2024 and Submitted Monthly returns up to February 2025.	Nil
2	Appointment of Mining Engineer &	As per Annual	The information	Nil	No Violation	Submitted notice	Nil

	Geologist as per provisions of Rule 55 of MCDR,2017	returns submitted to this office for the year 2023-24, the details of Mining Engineer and Geologist are as follows. Mining Engineer: A. Shiva Kumar Geologist:- V. Anand Kumar	furnished for Mining Engineer and Geologist is found correct.			of appointment of Geologist and Mining Engineer to this office.	
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the Returns.	Based on the instructions given during the field visit, the lessee has submitted revised returns and furnished the correct information	None.	No Violation	None.	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not applicable.	Not applicable.	None.	No Violation	The lease is valid for more than two years and submission of Final Mine closure Plan is not applicable.	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The lessee has submitted all applicable notices and returns to this office.	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale vale, cost of of production and ex-mine price is shown as Rs 194.12/T	The information furnished is found almost correct.	None.	No Violation	None.	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	The applicant submitted a self-assessed 5-star rating for the year 2023-24	After validation, the reporting mine obtained a 4-star rating in for the year 2023-24	Nil	No Violation	The lessee has been maintaining a Star Rating above the minimum required three-star rating, as stipulated under Rule 35(4A) of the Mineral Conservation and Development Rules (MCDR), 2017.	Nil

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### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

S.N.	Reports File	Remark   File Description
1	Nil	None.

### 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
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Esigned by: MK KALMATA  
Date: 17/07/2025 10:37:12 PM