

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	SANGAMKALAN NO. 1	Lease Area (Ha) :	112.82
Forest Area (Ha) :	N/A	Mine Code :	38APR23002
Registration Number :	IBM/613/2011	Name of lessee :	The India Cements Limited
Address of lessee :	Coromandel Towers, 93,Sanhome High Road, ,Karpagam Avenue, Raja Annamalai Puram,, Chennai	Phone of lessee :	044-2857210
Email of lessee :	Palanikumaresan.m@indiacementes.co.in	Fax Number :	N/A
Village :	Sangam Kalan	Taluka / Mandal :	Tandur
District :	Vikarabad	Pincode :	600028
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Tandur	Nearest Railway Station :	Tandur
Date of Grant of Mining Lease :	1998-09-04	Date of Mining Lease Execution :	1998-09-04
Date of opening in the mine :	1998-11-16		

Nominated Owner Details			
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
Mining Engineer Details			
Name of the Mining Engineer :	A. Nagendrakumar	Qualification of Mining Engineer :	Dip.Mining With First Class Certificate Of Competency
Address of Mining Engineer :	The India Cements Ltd., Malkapur, Tandur- Mandal, Vikarabad-Dist, Telangana-501158	Phone of Mining Engineer :	9440468161
Email of Mining Engineer :	Mkp_mines@indiacements.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2022-12-29		
Geologist Details			
Name of the Geologist :	Battini Raju	Qualification of Geologist :	Msc. Geology
Address of Geologist :	The India Cements Ltd., Malkapur, Tandur- Mandal, Vikarabad-Dist, Telangana-501158	Phone of Geologist :	9581177149
Email of Geologist :	Mkp_mines@indiacements.co.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-04-22		
Mine Manager Details			
Name of the Mine Manager :	Chaitanya Nalamatta	Qualification of Mine Manager :	B.Tech (Mining)
Address of Mine Manger :	The India Cements Ltd., Malkapur, Tandur-	Phone of Mine Manger :	9491035372

	Mandal, Vikarabad-Dist, Telangana-501158		
Email of Mine Manger :	Chaitanya.n@indiacements.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-03-23		
Mineral(s) granted in lease and proved for mining :	CLAY (OTHERS),LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2022-12-23 (2023 - 2027)
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 :	Virtual Inspection
Designation of the Accompanying Official :	Not applicable.
Type of Inspection :	MCDR
Date of Inspection :	10/03/2025
Review year considered for MCDR Inspection :	2023-2024

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 2023-24.	None in the year 2023-24.	None.	No Violation	So far, 46 core holes have been drilled, with a total meterage of 1711.70meters.	Nil
2	Number of DTH Boreholes		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	So far, 20 Non-core holes (DTH) have been drilled, with a total meterage of 810 meters.	Nil
3	Number of exploratory pits / trial pits		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
4	Number of exploratory Trenches		None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
5	Lateral exploration status for the lease area	G1	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	The total lease area is 112.80hectares, & Entire lease area is mineralized. The entire mineralized area has already been explored under the G-1 level by drilling 66 exploratory boreholes,	Nil

							totaling 2521.70 meters in depth.	
6		G2	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
7		G3	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Entire Mineralized area is already explored under G-1 level.	Nil
8		G4	None in the year 2023-24.	None in the year 2023-24.	None.	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 23-12-2022) (In million tonnes) (As on 30-06-2022) Total Reserves: 28.650 Total Mineral Resources:- 38.677 Grand Total:- 67.327.	Reserves/Resources as on 01-04-2024 are as follows. (In Million tonnes) Total Reserves: 28.303 Total Mineral Resources:- 38.677 Grand Total:- 66.980.	None.	No Violation	Reserve/resources are updated by depleting 0.347 million tones of production achieved during the period 01-07-2022 to 31-03-2024.	Nil	

Final

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 2023-24, there was a proposal to work between the co-ordinates N 1918970 to 1919530 & E 762490 to 762490 to 763075	Actual working has been carried out between the co-ordinates N-1919125 to 1919480 & E 762575 to 762810	Due to less production there is a minor deviation in the working area. However, the operations have been carried out within the proposed five-year block period.	No Violation	Since violation was already pointed out by the previous inspecting officer for deviation in workings, no fresh violation is pointed out based on the virtual inspection.	Nil
2	Quantity of overburden generation in m3	None in the year 2023-24	None in the year 2023-24	None.	No Violation	No overburden (OB) exists in the area proposed for working during the block period 2023-24 to 2027-28.	Nil
3	Quantity of topsoil generation in m3	7325 in the year 2023-24.	None in the year 2023-24	In the year 2023-24, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.	No Violation	Due to less production benches were not advanced more and working is carried out in the already broken area only. So no violation is pointed out for not handling topsoil in the year 2023-24.	Nil

4	Stripping ratio : ore to OB ratio	1:0	1:0	None.	No Violation	No OB was proposed or handled in FY 2023-24.	Nil
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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	One pit in the year 2023-24.	One pit in the year 2023-24.	The main pit measures 530m (L) x 698m (w) x 37m(h). Further, several smaller pits were observed near the northern lease boundary, some extending beyond it.	No Violation	Upon inquiry during the previous inspection, the lessee stated that these pits were created by others for slab extraction. A letter has been sent to the State Government seeking appropriate action.	Nil
2	Quantity of ROM mineral production proposed (in T)	1000000 tonnes in the year 2023-24.	170000 tonnes in the year 2023-24.	Production decreased by 83 % in the year 2023-24.	No Violation	Since violation was already pointed out by the previous inspecting officer for deviation in	Nil

						production, no fresh violation is pointed out based on the virtual inspection.	
3	Recovery of salable/usable mineral quantity from ROM production in T)	1000000 tonnes in the year 2023-24.	170000 tonnes in the year 2023-24.	Production decreased by 83 % in the year 2023-24.	No Violation	Recovery is 100%	Nil
4	Quantity of mineral reject/Sub-grade generation	None in the year 2023-24..	None in the year 2023-24..	None.	No Violation	Lessee is dispatching Entire ROM under Cement grade to the captive cement plant linked with the mine.	Nil
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 2023-24, bench proposed in ore 8.00Mtrs and no OB bench was proposed.	6.5 to 8.3 mtr bench height was maintained. With average bench height of almost 7.0 mts	In some location minor deviation is observed in the bench parameter.	No Violation	Advised lessee to rectify the minor deviations in bench parameter.	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 in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
4	Production from dump(s) during the year	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
5	Quantity of mineral reject generation	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
6	Grade of mineral reject generation and threshold value declared	Not applicable.	Not applicable.	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)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed inactive topsoil dump exists in the northeastern part of the lease near BP Nos. 41 and 42.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed inactive topsoil dump exists in the northeastern part of the lease near BP Nos. 41 and 42.	Nil
3	Number of active & Inative dumps	None in the year 2023-24.	None in the year 2023-24.	Apart from reclaimed old topsoil dump, A few scattered waste dumps were seen on the northern lease boundary, some extending beyond it.	No Violation	Upon inquiry during the previous inspection, the lessee stated they were old dumps from past slab quarry operations by others. A letter has been sent to the State Government for necessary action.	Nil
4	Number of dead dumps	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed inactive topsoil dump exists in the	Nil

						northeastern part of the lease near BP Nos. 41 and 42.	
5	Number of dumps proposed for stabilised	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed inactive topsoil dump exists in the northeastern part of the lease near BP Nos. 41 and 42.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed (by plantation) inactive topsoil dump exists in the northeastern part of the lease near BP Nos. 41 and 42.	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 2023-24.	None in the year 2023-24.	None.	No Violation	Mineral is not extracted up to the proved depth and no backfilling is proposed in the present five year	Nil

						block period.	
2	Year-wise area under backfilling of mined out area	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	Mineral is not extracted up to the proved depth and no backfilling is proposed in the present five year block period.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	In the year 2023-24, it was proposed to generate and utilize 7325 cubic meters of topsoil , with no provision for storage.	None in the year 2023-24.	The topsoil was not generated as proposed.	No Violation	In the year 2023–24, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.	Nil
4	Total area fully reclaimed & rehabilitated	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old topsoil dump of 3.05 hectares has been reclaimed through plantation.	Nil
5	Locations of proposed reclamation & rehabilitated	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	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 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
2	Rehabilitation by making water reservoir	None in the year 2023-24.	None in the year 2023-24.	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 2023-24, 0.2 hectares of the safety zone were proposed for plantation with 500 saplings.	An area of 0.25 hectares was covered under plantation with 602 saplings.	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 Lawn Enviro Pvt. Ltd., Hyderabad.	Nil

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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 of topsoil in the year 2023-24.	No topsoil is handled in the year 2023-24.	The topsoil was not generated as proposed.	No Violation	In the year 2023-24, the production achieved was lower, and the working was carried out only in the already broken-up area; therefore, no topsoil was removed.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	None.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None in the year 2023-24.	None in the year 2023-24.	None.	No Violation	An old reclaimed inactive topsoil dump exists in the northeastern part of the lease near BP Nos. 41 and 42.	Nil
4	Plantation & Survival rate	Proposed 500 saplings in the year 2023-24.	Planted 602 saplings in the year 2023-24 and survival rate is 75 to 80%.	Plantation was made more than 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 & Geologist as per provisions of Rule 55 of MCDR,2017	As per Annual returns submitted to this office for the year 2023-24, the details of Mining Engineer and Geologist are as follows. Mining Engineer: A.Nagendra Kumar and Geologist:- Nathakumar M.	The information furnished for Mining Engineer is found correct. However, in place of Mr. Nathakumar M Geologist. Lessee has appointed Battini Raju.	None.	No Violation	Submitted notice of appointment of Geologist to this office.	Nil

3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the Returns.	1)Dead Rent Adjustment: Dead rent has been included along with royalty and is adjusted at the end of the financial year against the royalty payment. 2) Exploration Details Missing: Exploration details for the year 2023-24 have not been submitted in the Annual Return. 3) As per Part V, section 5(iii) of the returns, the total number of trees at the end of the year should include the cumulative number of plantations carried out to date.	Submitted incorrect information in the AR submitted for the year 2023-24.	No Violation	A show cause notice was issued for the same under Rule 45(7) of MCDR, 2017. As there is no option for issuing a direct show cause notice in the MTS Inspection module, it was issued through e-Office	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 2023-24.	None in the year 2023-24.	None.	No Violation	The lessee has submitted all	Nil

						applicable notices and returns to this office.	
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 223.41/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 4-star rating for the year 2023-24.	After validation, the reporting mine obtained a 4-star rating in for the year 2023-24.	None.	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

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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