

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	38APR23001	Lease Area (Ha) :	613.587
Forest Area (Ha) :	613	Mine Code :	38APR23001
Registration Number :	IBM/5210/2011	Name of lessee :	CEMENT CORPORATION OF INDIA LTD
Address of lessee :	CORE 5 SCOPE COMPLEX ,7 LODHI ROAD NEWDELHI, NEWDELHI	Phone of lessee :	08411-247221
Email of lessee :	Miningccitandur@gmail.com	Fax Number :	N/A
Village :	Ogipur	Taluka / Mandal :	Tandur
District :	VIKARABAD	Pincode :	110003
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Gouthapur	Nearest Railway Station :	Tandur
Date of Grant of Mining Lease :	1982-11-29	Date of Mining Lease Execution :	1982-11-29
Date of opening in the mine :	1983-01-12		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr PRADEEP KUMAR CHAND	Nominated Owner Address:	SCOPE COMPLEX CCI NEW DELHI
Nominated Owner Mobile :	8219916122	Nominated Owner Email :	Dirf@ccilttd.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2022-08-25
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Pulkit Amburkar	Qualification of Mining Engineer :	B.Tech. Mining
Address of Mining Engineer :	M/s. CCI Ltd. Tandur Cement Factory, Karankote, Tandur, Vikarabad-Dist, Telangana-501158	Phone of Mining Engineer :	8712620471
Email of Mining Engineer :	Miningccitandur@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-04-27		
<b>Geologist Details</b>			
Name of the Geologist :	Manish Kumar Shukla	Qualification of Geologist :	Msc., Applied Geology
Address of Geologist :	M/s. CCI Ltd. Tandur Cement Factory, Karankote, Tandur, Vikarabad-Dist, Telangana-501158	Phone of Geologist :	7799938187
Email of Geologist :	Miningccitandur@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2013-09-23		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	D.Samadder	Qualification of Mine Manager :	B.E.Minig
Address of Mine Manger :	M/s. CCI Ltd. Tandur Cement Factory,	Phone of Mine Manger :	8895279251

	Karankote, Tandur, Vikarabad-Dist, Telangana-501158		
Email of Mine Manger :	Miningccitandur@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	Nil		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-12-08 (2024 - 2028)
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 :	D.Samadder.
Designation of the Accompanying Official :	Mines Manager.
Type of Inspection :	MCDR
Date of Inspection :	27/02/2025
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 2024-25.	None in the year 2024-25.	None.	No Violation	The entire mineralized area has already been explored at the G-1 level. Lessee has drilled total 155 core holes so far.	Nil
2	Number of DTH Boreholes		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	The entire mineralized area has already been explored at the G-1 level using core holes, and no DTH boreholes were drilled by the lessee for exploration purposes.	Nil
3	Number of exploratory pits / trial pits		None in the year 2024-25.	None in the year 2024-25.	None .	No Violation	No exploratory pits or trial pits have been made by the lessee.	Nil
4	Number of exploratory Trenches		None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	Not applicable.	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 613.587 hectares, of which	Nil

						584.587 hectares are mineralized. The entire mineralized area has already been explored at the G-1 level through the drilling of 155 exploratory boreholes, totaling 4,714 meters in depth.	
6	G2	None in the year 2024-25.	None in the year 2024-25.	None.	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.	None.	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.	Entire Mineralized area is already explored under G-1 level.	No Violation	However, in the approved document dated 8-12-2023, the lessee has inadvertently shown approximately 29 hectares as unexplored /Explored under G-4 level instead of showing under non-mineralized area.	Nil

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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 08-12-2023 details of reserves/resources are as follows. Date of estimation 08-07-2023 (in million tones) Total Reserves-462.248 Total Remaining resources:- 13.111 Grand Total:- 475.359	Reserves/resource as on 01-04-2024 is as follows;- (In million tones) Total Reserves-461.593 Total Remaining resources:- 13.111 Grand Total:- 474.704	None.	No Violation	Reserves/resources have been updated by depleting 0.6555 million tonnes of limestone produced between July 2023 and March 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 between the co-ordinates N1916260 to 1916660 & E 762262 to 762509.	In the year 2024-25, actual working is carried out between the co-ordinates N 1916395 to 1916850 & E 762592 to 763173.	The working has been not carried out as per the proposal.	Rule 11(1)	The working has been not carried out in the proposed location for the year 2024-25 and violation is pointed out for the same under Rule 11(1) of	Nil

						MCDR 2017.	
2	Quantity of overburden generation in m3	None in the year 2024-25.	None in the year 2024-25.	None.	No Violation	No OB/waste handling is proposed in the present five year block period 2024-25 to 2028-29.	Nil
3	Quantity of topsoil generation in m3	49135 in the year 2024-25.	44693	4442	No Violation	The actual figures furnished are up to 31 January 2025, and the lessee has achieved 90% as of that date; therefore, no violation is pointed out.	Nil
4	Stripping ratio : ore to OB ratio	None.	None.	None.	No Violation	No overburden (OB) or waste handling is proposed during the current five-year block period 2024-25 to 2028-29.	Nil

**2.4.1 Exploitation - Opencast Mine Details**

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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 2024-25.	One pit in the year 2024-25.	Total three pits are exists within the lease area. Currently, the lessee is actively mining in Pit No. 1 Only. The remaining two pits are older excavations, previously worked by other entities for slab extraction.	No Violation	Lessee has furnished the details of old slab pits in the approved document.	Nil
2	Quantity of ROM mineral production proposed (in T)	1020000 tonnes in the year 2024-25.	391611 tonnes up to 31.01.2025.	628389T	No Violation	Actual figures have been provided up to 31st January 2025, indicating a deviation of -38%. As the financial year is not yet complete, no violations have been pointed out based on the current inspection	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1020000 tonnes in the year 2024-25.	391611 tonnes up to 31.01.2025.	628389 T	No Violation	Recovery is 100% and entire ROM produced was usable under cement grade. Actual figures have been provided up to 31st January	Nil

						2025. So no violation is pointed out for deviation.	
4	Quantity of mineral reject/Sub-grade generation	Not applicable.	Not applicable.	Not applicable.	No Violation	The recovery rate is 100%, and the generation of mineral rejects or sub-grade material is nil.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Not applicable.	Not applicable.	Not applicable.	No Violation	None.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	None.	None.	None.	No Violation	Lessee is only doing crushing process to reduce the size of the mined material, which is then fed directly to the attached captive cement plant.	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Benches are proposed exclusively within the mineral (ore) zone, with a planned bench height of 6.00 meters.	The maintained bench height ranges from 6.00 to 10.00 meters.	In certain areas, particularly on the western and southwestern sides, bench heights ranging from 8.00 to 10.00 meters were observed.	Rule 11(1)	Violation is pointed out for deviation in bench parameters.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None.	None.	None.	No Violation	None.	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	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.	Nil	No Violation	None.	Nil
8	Manual / Mechanized method adopted for dump working	None.	None.	None.	No Violation	None.	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)	Only topsoil dumping is proposed in the year 2024-25.	The topsoil removed during the year 2024-25 has been separately stockpiled in the designated earmarked area.	A total of 44,693 cubic meters (cum) of topsoil was generated during the year 2024-25 (up to 31st January 2025)	No Violation	21,500 cum has been utilized for plantation purposes, while the remaining 23,193 cum has been separately stockpiled in the designated earmarked area for future use	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Topsoil dump was proposed between the co-ordinates N1915700 to 1915775 & E 762035 to 762140.	Actual dumping was made between the co-ordinates N 1915675 to 1915745 & E 762065 to 762150	Dumping of topsoil was almost made in the proposed location only, however, due to leveling and dozing the dumping was extended in the southern side.	No Violation	Since the deviation was negligible no violation is pointed out. However, advised lessee to carry out dumping in the proposed location only.	Nil
3	Number of active & Inactive dumps	One active dump in the year 2024-24.	One active dump in the year 2024-24.	None.	No Violation	Additionally two old inactive quarry dumps are existing in the south western part of the lease area.	Nil
4	Number of dead dumps	None in the year 2024-25	None in the year 2024-25	None.	No Violation	Two inactive old dumps are	Nil

						existing in the south western part of the lease area.	
5	Number of dumps proposed for stabilished	None in the year 2024-25	None in the year 2024-25	None.	No Violation	Part of the topsoil dump is covered by plantation.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	None in the year 2024-25	None in the year 2024-25	None.	No Violation	Part of the topsoil dump is covered by plantation.	Nil

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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	None in the present block period of 2024-25 to 2028-29.	None.	None.	No Violation	Mineral is not extracted up to the proved level and no backfilling is proposed and made in the current five years block period.	Nil
2	Year-wise area under backfilling of mined out area	None in the present block period of 2024-25 to 2028-29.	None.	None.	No Violation	Mineral is not extracted up to the proved level and no backfilling is proposed and made in the current five years block period.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Proposed 30000 Cum utilization and 19135 cum storage.	21,500 cum has been utilized for plantation purposes, and 23,193 cum has been separately stacked.	None.	No Violation	21,500 cum has been utilized for plantation purposes, and 23,193 cum has been separately stacked.	Nil
4	Total area fully reclaimed & rehabilitated	None.	None.	None.	No Violation	None.	Nil
5	Locations of proposed reclamation & rehabilitated	None.	None.	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 present five year block period.	None in the present five year block period.	None.	No Violation	None.	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	2.1977 Ha of the safety zone was proposed for plantation with 1000 saplings.	Total 900 saplings were plated in the year 2024-25 covering an area of 0.45Ha.	Against the proposal of 2.19Ha, area covered by plantation is 0.45Ha only.	No Violation	In term of numbers lessee has achieved 90%. Due to plantation was made in closer interval for density proposed area is not covered.	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 result is within permissible limits.	None.	No Violation	Environmental monitoring is carried out by Pollu-tech Lab & Consultancy Services, 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	Proposed only crushing and screening for size reduction.	Lessee is doing only crushing and screening for size reduction.	None,	No Violation	Lessee is only doing crushing process to reduce the size of the mined material, which is then fed directly to the attached captive cement 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 .	Lessee is removing topsoil separately by scarping and using for plantation purpose.	None.	No Violation	A total of 44,693 cubic meters (cum) of topsoil was generated during the year 2024-25 (up to 31st January 2025). Of this, 21,500 cum has been utilized for plantation purposes, while the remaining 23,193 cum has been separately stacked.	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.	None.	No Violation	None.	Nil
4	Plantation & Survival rate	1000 saplings in the year 2024-25 with survival rate of 80%	Planted 900 sapling in the year 2024-25 and survival rate was approximately 70-75%	None.	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 areas.	Nil	No Violation	Dust suppression is being carried out using a 6,000-litre capacity water tanker.	Nil
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#### 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 11-06-2024 and Submitted Monthly returns up to January 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	The information furnished for Mining Engineer is found correct.	None.	No Violation	Lessee has submitted notice of appointments to this office.	Nil

		and Geologist are as follows. Mining Engineer: Mr.Pulkit Amburkar and Geologist:- Manish Kumar Shukla.					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit all the information correctly in the Returns.	Discrepancies observed in the Annual Returns submitted for the year 2023-24: 1. Details of exploration carried out and expenditure incurred on exploration have not been provided. 2. Incorrect data has been furnished in the Excel sheet attached for PMCP implementation.	Submitted incomplete and 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	None.	None.	None.	No Violation	The mine is working and valid for more than two years. So, the lessee has not submitted the final mine closure plan as required under Rule 24 of the Mineral Conservation and Development	Nil

						Rules (MCDR), 2017.	
5	Notices and Returns for the lease area submitted or not where fine applicable	None.	None.	None.	No Violation	Lessee has submitted all the required notices 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 229.67/T	The information furnished is found in order.	None.	No Violation	The mine is captive, and the ore produced is utilized exclusively for the captive plant. Therefore, the sale value has been calculated by multiplying the dispatch quantity by the cost of production.	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	Lessee has submitted self assed star Rating template	After validation the mine got four star.	None.	No Violation	Lessee has got more than three star. So no violation is pointed out.	Nil

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

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

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## 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 : Location of development w.r.t. lease area	In the year 2024-25, there was a proposal to work between the co-ordinates N1916260 to 1916660 & E 762262 to 762509.	In the year 2024-25, actual working is carried out between the co-ordinates N 1916395 to 1916850 & E 762592 to 763173.	The working has been not carried out as per the proposal.	Rule 11(1)	The working has been not carried out in the proposed location for the year 2024-25 and violation is pointed out for the same under Rule 11(1) of MCDR 2017.	Nil
2	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Benches are proposed exclusively within the mineral (ore) zone, with a planned bench height of 6.00 meters.	The maintained bench height ranges from 6.00 to 10.00 meters.	In certain areas, particularly on the western and southwestern sides, bench heights ranging from 8.00 to 10.00 meters were observed.	Rule 11(1)	Violation is pointed out for deviation in bench parameters.	Nil

Esigned by: MK KALMATA  
Date: 06/06/2025 01:07:58 PM