

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	PETNIKOTA LIMESTONE MINES 2 29dot70 HA	Lease Area (Ha) :	29.70
Forest Area (Ha) :	N/A	Mine Code :	38APR11187
Registration Number :	IBM/441/2011	Name of lessee :	ULTRATECH CEMENT LIMITED
Address of lessee :	B Wing, Ahura Centre, 2nd Floor ,Mahakali Caves Road, Andheri (East),	Phone of lessee :	022-66917800
Email of lessee :	Vishnu.vasu@adityabirla.com	Fax Number :	N/A
Village :	Petnikota	Taluka / Mandal :	Kolimigundla
District :	N/A	Pincode :	400093
State :	Andhra Pradesh	Post Office :	N/A
Nearest Police Station :	Kolimigundla	Nearest Railway Station :	Tadipatri
Date of Grant of Mining Lease :	2017-01-07	Date of Mining Lease Execution :	2017-01-07
Date of opening in the mine :	2018-11-14		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Kailash Chandra Jhanwar	Nominated Owner Address:	Ultratech Cement Ltd, Ahura Centre, Andheri East
Nominated Owner Mobile :	9702474200	Nominated Owner Email :	Ajit.ostwal@adityabirla.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2018-12-06
Mining Engineer Details			
Name of the Mining Engineer :	Shri Nasari Prasanth	Qualification of Mining Engineer :	B. Tech. (Mining)
Address of Mining Engineer :	Andhra Pradesh Cement Works M/s. UltraTech Cement Limited Village And Post Bhogasamudram, Madal Tadipatri, District Anantapur, State Andhra Pradesh - 515413	Phone of Mining Engineer :	7013929079
Email of Mining Engineer :	Prasanth.nasari@adityabirla.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-08-01		
Geologist Details			
Name of the Geologist :	Shri Pillutla Aravind	Qualification of Geologist :	M.Sc. (Geology)
Address of Geologist :	Andhra Pradesh Cement Works M/s. UltraTech Cement Limited Village And Post Bhogasamudram, Madal Tadipatri, District Anantapur, State Andhra Pradesh - 515413	Phone of Geologist :	9966042647
Email of Geologist :	Aravind.pillutla@adityabirla.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-12-09		
Mine Manager Details			
Name of the Mine Manager :	N/A	Qualification of Mine Manager :	N/A

Address of Mine Manger :	N/A	Phone of Mine Manger :	N/A
Email of Mine Manger :	N/A	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 :	2023-02-16 (2022 - 2025)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Shaival Kartikeya
Designation :	Senior Mining Geologist
Name of the Accompanying Official from Mine :	Not any
Designation of the Accompanying Official :	Virtual Inspection
Type of Inspection :	MCDR
Date of Inspection :	12/02/2025
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		No proposal.	Nil.	No deviation.	No Violation	The entire potentially mineralised area has already been explored under G1 level.	Nil
2	Number of DTH Boreholes		No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Number of exploratory pits / trial pits		No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Number of exploratory Trenches		No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Lateral exploration status for the lease area	G1	Nil	Nil	No deviation.	No Violation	The entire potentially mineralised area has already been explored under G1 level. As per the latest approved MMP dated 16/02/2023, 29.70 Ha. area has been explored under G1 Level.	Nil
6		G2	0.00	Nil.	No deviation.	No Violation	Nil.	Nil

7		G3	0.00	Nil.	No deviation.	No Violation	Nil.	Nil
8		G4	0.00	Nil.	No deviation.	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)	Balance Reserves and Resources as on 01/04/2024 Under (111): 10393307.79 Tonnes Under (211): 11981063.16 Tonnes	Balance Reserves and Resources as on 01/04/2024 Under (111): 10844317.79 Tonnes Under (211): 11981063.16 Tonnes	No deviation.	No Violation	Nil.	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	In between UTM co-ordinates N1667807 to N1667972 and E179905 to E180101	Several places in between UTM co-ordinates (i) N1667853 to N1667973 and E179875 to E180100 and (ii) Along 7.5 m barrier zone (BP15 - BP16) in between UTM co-ordinates	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

			N1668322 to N1668329 and E179731 to E179772 without any approved proposals.				
2	Quantity of overburden generation in m3	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Quantity of topsoil generation in m3	27229.00 CuM	2768.00 CuM	Less generation of the topsoil.	No Violation	Mainly, the production and development has been carried out in the existing pit.	Nil
4	Stripping ratio : ore to OB ratio	No proposal.	Nil.	No deviation.	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	01 no.	01 no.	No deviation.	No Violation	Nil.	Nil
2	Quantity of ROM mineral production proposed (in T)	501040.00 Tonnes	50030.00 Tonnes	Less production has been done.	No Violation	Nil.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	100%	100%	No deviation.	No Violation	Nil.	Nil

4	Quantity of mineral reject/Sub-grade generation	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Maximum Height Mineral/Ore: 9.0 meters Minimum Width: Mineral/Ore: 20.0 meters	Maximum Height Mineral/Ore: 9.0 meters Minimum Width: Mineral/Ore: 20.0 meters	No deviation.	No Violation	Nil.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal.	Nil.	No deviation.	No Violation	Nil.	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	01 no.	01 no.	No deviation.	No Violation	Nil.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Production from dump(s) during the year	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Quantity of mineral reject generation	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
8	Manual / Mechanized method adopted for dump working	No proposal.	Nil.	No deviation.	No Violation	Nil.	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)	No proposal.	Several mineral stocks have been observed in between UTM co-ordinates (i) N1667988 to N1668000 and E180029 to E180108 (ii) N1668240 to N1668310 and E179651 to E179664 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal.	Several mineral stocks have been observed in between UTM co-ordinates (i) N1667988 to N1668000 and E180029 to E180108 (ii) N1668240 to N1668310 and E179651 to E179664 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
3	Number of active & Inative dumps	No proposal.	Several mineral	Deviation has	No Violation	Deviation has	Nil

			stocks have been observed in between UTM co-ordinates (i) N1667988 to N1668000 and E180029 to E180108 (ii) N1668240 to N1668310 and E179651 to E179664 without any approved proposals.	been pointed out.		been pointed out in the previous section.	
4	Number of dead dumps	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Number of dumps proposed for stabilised	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal.	Nil.	No deviation.	No Violation	Nil.	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	No proposal.	Nil.	Mineral/ore has been exploited/extracted from the existing working pits.	No Violation	Nil.	Nil
2	Year-wise area under backfilling of mined out area	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :27229.00 CuM Utilized :27229.00 CuM Stored :0.00 CuM	Generated :2768.00 CuM Utilized : 2768.00 CuM Stored :0.00 CuM	No deviation.	No Violation	Nil.	Nil
4	Total area fully reclaimed & rehabilitated	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal.	Nil.	No deviation.	No Violation	Nil.	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.	500 nos. of saplings over 0.20 Ha. area.	700 nos. of saplings over 0.28 Ha. area.	No deviation.	No Violation	Nil.	Nil
2	Rehabilitation by making water reservoir	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	500 nos. 0.20 Ha. By plantation	700 nos. 0.28 Ha. By plantation	No deviation.	No Violation	Nil.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring of the environmental parameters in the core and buffer zone.	Being done as per proposal.	No deviation.	No Violation	Nil.	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	ROM/Ore will be dispatched directly to the crusher plant without sorting.	Being done as per proposal.	No deviation.	No Violation	Nil.	Nil
2	Different grade of mineral sorted out at mines	No proposal for grade wise sorting.	ROM/Ore is being dispatched to the captive plant without sorting.	No deviation.	No Violation	Nil.	Nil
3	Any beneficiation process at mines	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal.	Nil.	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	Generated topsoil will be utilised for the purpose of planation.	Being done as per proposal.	No deviation.	No Violation	Nil.	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil.	No deviation.	No Violation	Nil.	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	0.20 Ha. area will be utilized for plantation of 500 nos. of saplings.	0.28 Ha. area has been utilized for plantation of 700 nos. of saplings.	No deviation.	No Violation	Nil.	Nil
4	Plantation & Survival rate	Plantation : 500, Survival Rate : 90	Plantation : 700, Survival Rate : 90	No deviation.	No Violation	Nil.	Nil
5	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads to control airborne dust through the water tanker.	Being done as per proposal.	No deviation.	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	AR submitted up to F.Y. 2023-24. MR submitted up to January 2025	AR submitted up to F.Y. 2023-24. MR submitted up to January 2025	No deviation.	No Violation	Nil.	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Manager: Shri Kubendra Kumar M. L. Mining Engineer: Shri Kubendra Kumar M. L. Geologist: Shri Pillutla Aravind	Manager: Shri Kubendra Kumar M. L. Mining Engineer: Shri Kubendra Kumar M. L. Geologist: Shri Pillutla Aravind	No deviation.	No Violation	Nil.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Not any.	Nil.	No deviation.	No Violation	Nil.	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	PMCP proposals have been given.	Yearly proposals implemented.	No deviation.	No Violation	Nil.	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Not any.	Nil.	No deviation.	No Violation	Nil.	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value: Nil. Ex-mine Price: Rs. 266.20 Per Metric Tonne Cost of Production: Rs. 266.20 Per Metric Tonne	Sale value: Nil. Ex-mine Price: Rs. 266.20 Per Metric Tonne Cost of Production: Rs. 266.20 Per Metric Tonne	No deviation.	No Violation	Nil.	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	Year of Submission : 2023-2024 , Rating : 4 Stars	Year of Submission : 2023-2024 , Rating : 4 Stars	No deviation.	No Violation	Nil.	Nil

Part-III : Other Reports**3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark File Description
1	Nil	Nothing specific at present.

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 between UTM co-ordinates N1667807 to N1667972 and E179905 to E180101	Several places in between UTM co-ordinates (i) N1667853 to N1667973 and E179875 to E180100 and (ii) Along 7.5 m barrier zone (BP15 - BP16) in between UTM co-ordinates N1668322 to N1668329 and E179731 to E179772 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil
2	OB / Waste Dumps details : Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No proposal.	Several mineral stocks have been observed in between UTM co-ordinates (i) N1667988 to N1668000 and E180029 to E180108 (ii) N1668240 to N1668310 and	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

			E179651 to E179664 without any approved proposals.				
3	OB / Waste Dumps details : Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal.	Several mineral stocks have been observed in between UTM co-ordinates (i) N1667988 to N1668000 and E180029 to E180108 (ii) N1668240 to N1668310 and E179651 to E179664 without any approved proposals.	Deviation has been pointed out.	Rule 11(1)	Deviation has been pointed out.	Nil

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Esigned by:  Shajwal Kartikeya
Date: 21/02/2025 10:17:32 PM