

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38APR14036	Lease Area (Ha) :	354.236
Forest Area (Ha) :	N/A	Mine Code :	38APR14036
Registration Number :	IBM/1099/2011	Name of lessee :	PENNA CEMENT INDUSTRIES LIMITED
Address of lessee :	8-3-975, PLOT NO.128 ,SRINAGAR COLONY, HYDERABAD	Phone of lessee :	-
Email of lessee :	Veera.raghavulu@adani.com	Fax Number :	N/A
Village :	Ganeshpahad Thanda	Taluka / Mandal :	Dameracherla
District :	Nalgonda	Pincode :	500073
State :	Telangana	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2018-08-27	Date of Mining Lease Execution :	2018-08-27
Date of opening in the mine :	2022-02-22		

Nominated Owner Details			
Name of the Nominated Owner :	Mr RAMARAO SUKURU	Nominated Owner Address:	ADANI CORPORATE HOUSE, SHANTIGRAM, AHMEDABAD
Nominated Owner Mobile :	9898506081	Nominated Owner Email :	Ramarao.sukuru@adani.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-09-02
Mining Engineer Details			
Name of the Mining Engineer :	V. Lakshman Rao	Qualification of Mining Engineer :	B.E.Mining
Address of Mining Engineer :	M/s Penna Cement Industries Ltd., Ganeshpahad (v), Wadapally (PO), Nalgonda -Dist., Telangana-508355	Phone of Mining Engineer :	9491890945
Email of Mining Engineer :	Varikooti.rao@adani.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2015-12-25		
Geologist Details			
Name of the Geologist :	T. Dilip	Qualification of Geologist :	M.Sc Tech.
Address of Geologist :	Penna Cements Limited, Ganeshpad Village, Wadapally Post, Nalagonda Dist., 508355	Phone of Geologist :	9490026305
Email of Geologist :	Dileep.tumpati@adani.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-07-30		
Mine Manager Details			
Name of the Mine Manager :	E. Venkata Ramana	Qualification of Mine Manager :	Diploma In Mining FMR
Address of Mine Manger :	Penna Cements Limited, Ganeshpad Village,	Phone of Mine Manger :	8096900267

	Wadapally Post, Nalagonda Dist., 508355		
Email of Mine Manger :	Ettigowni.ramana@adani.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-06-02		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	NAVEEN KATHROJU
Designation :	Sr. ACOM
Name of the Accompanying Official from Mine :	Shri. venkata Rmana, Shri T Dilip
Designation of the Accompanying Official :	Mines Manager, Geologist
Type of Inspection :	MCDR
Date of Inspection :	31/07/2025
Review year considered for MCDR Inspection :	2024-2025

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		06	06	0.000	No Violation	As of now, a total of 109 core holes have been drilled in the lease area, reaching a cumulative reported Drilling of of 2,346 meters.	Nil
2	Number of DTH Boreholes		Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	So far 69 DTH holes were drilled in the lease area.	Nil
3	Number of exploratory pits / trial pits		Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	The total lease area is 354.236 hectares, and the entire lease area has been explored in the G1 level.	Nil
6		G2	Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	Nil	Nil
7		G3	Not proposed for 2024-25	Not carried out 2024-25	Nil	No Violation	Nil	Nil

8	G4	Not proposed for 2024-25	Not carried out 2024-25	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)	72.35	75.85	-3.500	No Violation	The deviation in the reserves due to deviation in production for which violation is pointed out in the exploitation chapter.	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 the year 202425, there was a proposal for work to be carried out between the coordinates N 1848717 to 1849244 and E 359857 to 360117.	In the year 202425, the actual work was carried out between the coordinates N 1848760 to 1849200 and E 359835 to 360010	Nil	Rule 11(1)	The Deviation in the proposed location found.	Nil
2	Quantity of overburden generation in m3	9141	5402	3739.000	No Violation	very Nominal deviation of the annual OB handling reported thus for the	Nil

						deviation of 3000 Cu.m per annum violation has not pointed out.	
3	Quantity of topsoil generation in m3	Not proposed for 2024-25	Not reported During the RY 2024-25	Nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	Not proposed for 2024-25	Not reported During the RY 2024-25	Nil	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	One	One	Nil	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	2166256	1245000	921256.000	Rule 11(1)	Around 43% of the deviation in the achievement of the proposed ROM production	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1792826	922350	870476.000	Rule 11(1)	Production of limestone has not been achieved as proposed.	Nil

4	Quantity of mineral reject/Sub-grade generation	373430	322650	50780.000	Rule 11(1)	Deviation in the achievement of Mineral Reject Quantity.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	+34% to below 40% Cao	production from the first bench is being stacking as Reject	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Not Proposed	Not practicing	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Yes 8m bench proposed in minerals	As per the proposal	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not done	Nil	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	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not proposed During 2024-25	Not Carried out	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Not proposed During 2024-25	Not Carried out	Nil	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)	Separate Dumping of Waste and Mineral Reject Proposed	Separate Dumping has been practicing	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	For the year 2024-25, the mineral reject dump was proposed within the coordinates N 1849270 to 1849430 and E 359710 to 359840.	In the year In 2024-25, mineral reject was dumped between the coordinates N 1849320 to 1849390 and E 359690 to 359845.	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	01	01	0.000	No Violation	Nil	Nil
4	Number of dead dumps	Not proposed	Not Found	Nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	Not proposed	Not Done	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not proposed	Not Done	Nil	No Violation	Nil	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	Not proposed 2024-25	Not carried out	Nil	No Violation	Pit has not exhausted hence the backfilling neither proposed Nor carried out.	Nil
2	Year-wise area under backfilling of mined out area	Not proposed During 2024-25	Not carried out	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	proposed 9400 Cu.m of topsoil utilisation	Produced Topsoil Utilised for plantation	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	Not proposed During 2024-25	Not carried out	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	Not proposed During 2024-25	Not carried out	Nil	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.	Not proposed during 2024-25	Not done	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	Not proposed during 2024-25	Not carried out	Nil	No Violation	Nil	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, 1.00 ha within the safety zone was proposed for plantation	In the Year 2024-25 Plantation carried out over 1.00 ha area	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	To be monitored	Monitoring	Nil	No Violation	Environmental monitoring is carried out by B.S.Envi-tech 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 to Dispatch the cement grade ROM to the captive Plant.	ROM dispatched	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Grade wise Sorting not proposed	Not practicing	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	Not proposed	Not practicing	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Not proposed during the RY 2024-25	Not carried out	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	Topsoil proposed to remove separately	Produced Topsoil being utilised for plantation	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed During 2024-25	Not done	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed During 2024-25	Not carried out	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	1450 saplings proposed over 1.0 ha area	1,460 saplings were planted in the year 202425, with a survival rate of 75 to 80%.	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed to suppress the dust	practicing	Nil	No Violation	Dust suppression is being carried out using a 15,000-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.	Nil	No Violation	submitted Annual returns for the year 2024-25 on 29-06-2025 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 V laxmana Rao D sambaiah	During the Inspection present Mien Officials are Mining engineer V laxmana Rao and Geologist T dilip	Nil	No Violation	T Dilip appointment on 30.07.2025	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to submit the correct information in AR	correct details submitted	Nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Applicable	Not applicable	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area	To be submitted	Submitted on	Nil	No Violation	Nil	Nil

	submitted or not where fine applicable		time				
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex Mine price reported as 225.75/-	Cost of production is 225.75/-	Nil	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	Lessee has submitted self assessed three star rating for the year 2023-24.	Mine is validated with 3 star rating last year	Nil	No Violation	The lessee has been maintaining a minimum three star rating as required 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	Nil

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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 202425, there was a proposal for work to be carried out between the coordinates N 1848717 to 1849244 and E 359857 to 360117.	In the year 202425, the actual work was carried out between the coordinates N 1848760 to 1849200 and E 359835 to 360010	Nil	Rule 11(1)	The Deviation in the proposed location found.	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	2166256	1245000	921256.000	Rule 11(1)	Around 43% of the deviation in the achievement of the proposed ROM production	Nil
3	Exploitation - Opencast Mine : Recovery of salable/usable mineral quantity from ROM production in T)	1792826	922350	870476.000	Rule 11(1)	Production of limestone has not been achieved as proposed.	Nil
4	Exploitation - Opencast Mine : Quantity of mineral reject/Sub-grade generation	373430	322650	50780.000	Rule 11(1)	Deviation in the achievement of Mineral Reject Quantity.	Nil

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Esigned by:  NAYEN KATHROJU
Date: 04/09/2025 03:41:33 PM