

Summary of Mineral Block
Part A- GENERAL INFORMATION ABOUT MINERAL BLOCK

Sl. No.	Features	Details
1.	Location	
	Mineral Block	Periyathirukonam Limestone Block
	Corner Points (Latitude Longitude)	See Appendix 1
	Villages	Reddipalayam, Periyathirukonam and Nagamangalam
	Tehsil/Taluka	Ariyalur
	District	Ariyalur
	State	Tamil Nadu
2.	Area (Hectares/ Square Kilometres)	102.05 Ha
	Mineralised Area	102.05 Ha
	Non-Mineralised Area	Nil
3.	Exploration	
	Status	G2
	Exploration Agency	Geological Survey of India
	Total Number of Boreholes with meterage	9 Boreholes, 607.8 m
	Borehole Spacing (Density)	400*400
4	Quantity of Minerals (Grade-wise)	
	Cement Grade Limestone (> 44% CaO)	Resources (332)- 41011818 MT (CaO%- 50.37, MgO%- 0.64, SiO ₂ %- 4.28)
	Total Resources	41011818 MT (CaO%- 50.37, MgO%- 0.64, SiO ₂ %- 4.28)
5	Mineralised Zones	
	Number of mineral zones	Seven
	Trend (Dip and Strike)	Strike- NE-SW Dip- 3 ⁰ to 5 ⁰ due east
	Total Thickness	Average Thickness: 19.50
6	Accessibility	
	Nearest Rail Head	Ariyalur, 12 Km
	Road	Kilpalur-Jayankondam road runs south of the area
	Airport	120 Km from Tiruchirappalli,
7	Hydrography	
	Local Surface Drainage Pattern (Channels)	-
	Rivers/Streams	No perennial river/streams
8	Climate	
	Mean Annual Rainfall	Approximately 1133 mm/annum
	Temperatures (December)	>21 ⁰ C
	Temperatures (June)	39 ⁰ C
9	Topography	

	Toposheet No.	58 M/04
	Morphology of the Area	Gently Undulating

PART B – PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS

<i>Sl. No.</i>	<i>Particulars</i>	<i>Details/ Status</i>
1	Forest clearance	As Applicable
2	Wild life clearance (sanctuary, reserve or special zone clearances)	As Applicable
3	Mining Plan Approval	To be obtained by the Preferred / Successful Bidder
4	Environmental clearance	To be obtained by the Preferred / Successful Bidder
5	Consent to establish	To be obtained by the Preferred / Successful Bidder
6	Explosive license	To be obtained by the Preferred / Successful Bidder
7	Permission for mine opening	To be obtained by the Preferred / Successful Bidder
8	Permission of installation/ trial operation of equipment	To be obtained by the Preferred / Successful Bidder
9	Ground water clearance (Centre/State)	To be obtained by the Preferred / Successful Bidder
10	Railway siding approval	To be obtained by the Preferred / Successful Bidder
11	Approval for diesel storage	To be obtained by the Preferred / Successful Bidder
12	Power line from State Discom	To be obtained by the Preferred / Successful Bidder
13	Clearances relating to work under an existing transmission line or shifting of the transmission line	To be obtained by the Preferred / Successful Bidder
14	Grama Sabha consent	To be obtained by the Preferred / Successful Bidder
15	Any other clearances to start mining operation	To be obtained by the Preferred / Successful Bidder

PART C – PARTICULARS OF LAND

Area		Details
1.	Total Concession Area	102.05
2.	Forest Land with Status	Nil
3.	Land owned by the State Government	26.60
4.	Land not owned by the State Government	75.45
5.	Revenue survey details of the area	As per Attached Cadastral Plan

Appendix 1: Block Boundary Corner Points

WGS 84 spheroid and datum

Sl.No	Latitude	Longitude
1	11 ⁰ 4'44.92" N	79 ⁰ 10'9.50" E
2	11 ⁰ 4'44.92" N	79 ⁰ 10'39.70" E
3	11 ⁰ 4'8.83" N	79 ⁰ 10'39.70" E
4	11 ⁰ 4'8.83" N	79 ⁰ 10'9.50" E

**LAND SCHEDULE MAP OF PERIYATHIRUKONAM LIMESTONE BLOCK
TAHSIL – ARIYALUR, DIST. – ARIYALUR, (TN),**

PART PLAN OF PERIYATHIRUKKONAM BLOCK COVERED IN REDDIPALAYAM, PERIYATHIRUKKONAM & NAGAMANGALAM VILLAGES IN ARIYALUR TALUK, ARIYALUR DISTRICT.

