

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

Sl. No.	Features	Details
1.	Location	
	Mineral Block	A-06 Reddipalayam (Sub Blocks 01, 02) Limestone Block
	Corner Points (Latitude Longitude)	See Appendix 1
	Villages	Reddipalayam
	Tehsil/Taluka	Ariyalur
	District	Ariyalur
	State	Tamil Nadu
2.	Area (Hectares/ Square Kilometres)	51.03 Ha
	Mineralised Area	51.03 Ha
	Non-Mineralised Area	Nil
3.	Exploration	
	Status	G2
	Exploration Agency	M/s KIOCL Limited
	Total Number of Boreholes with meterage	04 Boreholes 324.90 m
	Borehole Spacing (Density)	400 m
4	Quantity of Minerals (Grade-wise)	
	Cement Grade Limestone (> 44% CaO)	Indicated Mineral Resources (G-2): Sub Block 01- 66,33,907.28 MT (CaO%- 48.95, MgO%- 0.8, SiO2%- 4.33) Sub Block 02- 2,65,55,091.16 MT (CaO%- 48.95, MgO%- 0.8, SiO2%- 4.33)
	Total Resources	3,31,88,998.44 MT (CaO%- 48.95, MgO%- 0.8, SiO2%- 4.33)
5	Mineralised Zones	
	Number of mineral zones	One
	Trend (Dip and Strike)	Strike- N-S to NNE-SSW Average Dip- 7.5 ^o due east
	Total Thickness	Average Thickness- 38.41 m
6	Accessibility	
	Nearest Rail Head	Ariyalur, 15 Km
	Road	Block is situated adjacent to National Highway 81 and State Highway 139
	Airport	90 Km from Tiruchirappalli
7	Hydrography	
	Local Surface Drainage Pattern (Channels)	-
	Rivers/Streams	No perennial river/streams, seasonal stream flows through the block
8	Climate	
	Mean Annual Rainfall	Approximately 736.70 mm/annum
	Temperatures (December)	>24.9 ^o C
	Temperatures (June)	39 ^o 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

Sl. No.	Details	Block A	Block B	Total
1.	Total Concession Area (Ha)	10.59	40.44	51.03
2.	Forest Land with Status	Nil	Nil	Nil
3.	Land owned by the State Government	Nil	2.023	2.023
4.	Land not owned by the State Government	10.59	38.417	49.007
5.	Revenue survey details of the area	As per the Attached Cadastral Plan		

Appendix 1: Block Boundary Corner Points

WGS 84 spheroid and datum

Boundary Point A06 Reddipalayam Sub-Block (B)

BP No.	Easting	Northing
1	300025.87	1227325.37
2	300031.69	1227325.44
3	300069.47	1227326.27
4	300070.90	1227326.47
5	300081.01	1227327.13
6	300094.80	1227327.57
7	300121.75	1227327.64
8	300252.84	1227344.23
9	300366.45	1227502.90
10	300375.19	1227514.78
11	300382.50	1227535.64
12	300389.81	1227555.67
13	300410.92	1227615.76
14	300445.05	1227708.41
15	300333.39	1227723.12
16	300337.55	1227736.49
17	300346.52	1227763.14
18	300341.46	1227765.03
19	300333.30	1227768.60
20	300319.44	1227774.13
21	300297.99	1227782.51
22	300298.01	1227788.44
23	300285.80	1227791.15
24	300250.54	1227799.78
25	300251.43	1227807.59
26	300255.46	1227877.63
27	300226.57	1227880.71
28	300195.08	1227883.20
29	300195.29	1227898.40
30	300195.51	1227913.08
31	300195.74	1227927.24
32	300195.96	1227941.92
33	300196.18	1227956.60
34	300196.57	1227962.89
35	300196.43	1227969.71
36	300168.05	1227973.31
37	300152.82	1227975.09
38	300108.32	1227972.60
39	300065.90	1227975.84

BP No.	Easting	Northing
40	300014.16	1227979.66
41	300009.79	1227945.79
42	300008.52	1227934.68
43	300007.79	1227931.92
44	299879.79	1227913.33
71	299540.45	1227183.59
71A	299646.92	1227367.23
71B	299749.26	1227527.53
71C	299841.34	1227523.52
71D	299864.33	1227745.45
72	299617.30	1227171.71
73	299750.07	1227152.75
74	299817.90	1227133.02
75	299840.21	1227131.34
76	299856.20	1227130.13
77	299892.06	1227128.17
78	299910.49	1227126.36
79	299953.63	1227124.01
80	299967.16	1227122.47
81	299996.01	1227122.50
82	300028.80	1227121.51
83	300030.89	1227174.28
84	300030.70	1227185.51
85	300030.05	1227209.33
86	300023.95	1227237.96
87	300024.50	1227262.77
88	300025.23	1227290.77

BOUNDARY POINT A06 REDDIPALAYAM SUB-BLOCK (A)

BP NO.	Easting	Northing
46	299700.43	1227920.96
47	299604.92	1227898.04
48	299568.50	1227901.49
49	299467.39	1227892.94
50	299468.51	1227880.38
51	299469.99	1227860.49
52	299470.93	1227840.59
53	299476.62	1227782.90
54	299477.65	1227772.42
55	299479.49	1227749.24
56	299484.35	1227687.94
57	299489.66	1227657.47
58	299494.60	1227628.25
59	299498.52	1227603.34
60	299500.63	1227591.75
61	299498.80	1227577.89
62	299486.07	1227491.49
63	299473.77	1227410.93
63A	299605.505	1227389.266
63B	299690.655	1227552.889
63C	299726.454	1227683.004

**LAND SCHEDULE MAP OF A-06 REDDIPALAYAM LIMESTONE BLOCK A & B
TAHSIL – ARIYALUR, DIST. – ARIYALUR, (TN),**

