

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

Sl. No.	Features	Details
<b>1.</b>	<b>Location</b>	
	Mineral Block	Unjini-Anandwadi Limestone Block
	Corner Points (Latitude Longitude)	See Appendix 1
	Villages	Unjini and Anandwadi
	Tehsil/Taluka	Sendurai
	District	Ariyalur
	State	Tamil Nadu
<b>2.</b>	<b>Area (Hectares/ Square Kilometres)</b>	41.36 Ha
	Mineralised Area	41.36 Ha
	Non-Mineralised Area	Nil
<b>3.</b>	<b>Exploration</b>	
	Status	G2
	Exploration Agency	Mineral Exploration Corporation Limited
	Total Number of Boreholes with meterage	04 boreholes 189.50 meter
	Borehole Spacing (Density)	400 m, 400+ meter
<b>4</b>	<b>Quantity of Minerals (Grade-wise)</b>	
	Cement Grade Limestone (> 44% CaO)	8301090.25 MT (CaO%- 45.98, MgO%- 0.94, SiO <sub>2</sub> %-12.31)
	Blendable Grade (332)- (38% to 44% CaO)	626500.76 MT (CaO%- 40.5, MgO%- 1.31, SiO <sub>2</sub> %-17.55)
	Threshold Grade (34% to 38% CaO)	3435559.78 MT (CaO%- 37.33, MgO%- 1.27, SiO <sub>2</sub> %-23.67)
	Total Resources	12363150.79 MT (CaO%- 43.30, MgO%- 1.05, SiO <sub>2</sub> %-15.73)
<b>5</b>	<b>Mineralised Zones</b>	
	Number of mineral zones	Three
	Trend (Dip and Strike)	Strike- NE-SW Dip- 4 <sup>0</sup> to 5 <sup>0</sup> due east/south east
	Total Thickness	16.26 m
<b>6</b>	<b>Accessibility</b>	
	Nearest Rail Head	Ariyalur, 25 Km
	Road	10 Km from Sendurai, Taluka town
	Airport	107 Km from Tiruchirappalli,
<b>7</b>	<b>Hydrography</b>	
	Local Surface Drainage Pattern (Channels)	-
	Rivers/Streams	No perennial river/streams
<b>8</b>	<b>Climate</b>	
	Mean Annual Rainfall	Approximately 600-1100 mm/annum

	Temperatures (December) Temperatures (June)	>20 <sup>0</sup> C 46 <sup>0</sup> C
<b>9</b>	<b>Topography</b>	
	Toposheet No.	58 M/4
	Morphology of the Area	Gently Sloping

**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	41.36 Ha
2.	Forest Land with Status	Nil
3.	Land owned by the State Government	0.63
4.	Land not owned by the State Government	40.73
5	Revenue survey details of the area	As per attached Cadastral Plan

## Appendix 1: Block Boundary Corner Points

WGS 84 spheroid and datum

BP No.	EASTING	NORTHING	LATTITUDE	LONGITUDE
1	303159.79	1241116.51	11° 13' 18.790"N	79° 11' 49.460"E
2	303159.15	1241111.29	11° 13' 18.620"N	79° 11' 49.440"E
3	303157.55	1241048.62	11° 13' 16.580"N	79° 11' 49.400"E
4	303157.5	1241039.4	11° 13' 16.280"N	79° 11' 49.400"E
5	303152.34	1241040.04	11° 13' 16.300"N	79° 11' 49.230"E
6	303150.94	1241008.71	11° 13' 15.280"N	79° 11' 49.190"E
7	303156.1	1241009.29	11° 13' 15.300"N	79° 11' 49.360"E
8	303154.49	1240994.86	11° 13' 14.830"N	79° 11' 49.310"E
9	303155.07	1240989.63	11° 13' 14.660"N	79° 11' 49.330"E
10	303083.17	1240990.07	11° 13' 14.660"N	79° 11' 46.960"E
11	303079.49	1240933.86	11° 13' 12.830"N	79° 11' 46.850"E
12	303120.13	1240932.38	11° 13' 12.790"N	79° 11' 48.190"E
13	303121.04	1240881.67	11° 13' 11.140"N	79° 11' 48.230"E
14	303097.07	1240881.2	11° 13' 11.120"N	79° 11' 47.440"E
15	303094.89	1240872.3	11° 13' 10.830"N	79° 11' 47.370"E
16	303089.13	124072.65	11° 7' 19.142"N	79° 13' 49.288"E
17	303086.98	1240820.11	11° 13' 9.130"N	79° 11' 47.120"E
18	303090.47	1240794.89	11° 13' 8.310"N	79° 11' 47.240"E
19	303086.56	1240751.59	11° 13' 6.900"N	79° 11' 47.120"E
20	303083.02	1240718.73	11° 13' 5.830"N	79° 11' 47.010"E
21	303091.78	1240711.61	11° 13' 5.600"N	79° 11' 47.300"E
22	303091.6	1240681.8	11° 13' 4.630"N	79° 11' 47.300"E
23	303086.21	1240643.73	11° 13' 3.390"N	79° 11' 47.130"E
24	303079.35	1240614.27	11° 13' 2.430"N	79° 11' 46.910"E
25	302997.14	1240615.39	11° 13' 2.450"N	79° 11' 44.200"E
26	302991.08	1240566.26	11° 13' 0.850"N	79° 11' 44.010"E

<b>BP No.</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>LATTITUDE</b>	<b>LONGITUDE</b>
27	302975.92	1240568.19	11° 13' 0.910"N	79° 11' 43.510"E
28	302949.83	1240568.97	11° 13' 0.930"N	79° 11' 42.650"E
29	302898.28	1240572.66	11° 13' 1.040"N	79° 11' 40.950"E
30	302904.38	1240627.32	11° 13' 2.820"N	79° 11' 41.140"E
31	302830.12	1240638.54	11° 13' 3.170"N	79° 11' 38.690"E
32	302817.33	1240531.37	11° 12' 59.680"N	79° 11' 38.290"E
33	302782.16	1240535.58	11° 12' 59.810"N	79° 11' 37.130"E
34	302710.03	1240547.7	11° 13' 0.190"N	79° 11' 34.750"E
35	302715.16	1240592.53	11° 13' 1.650"N	79° 11' 34.910"E
36	302658.77	1240598.41	11° 13' 1.830"N	79° 11' 33.050"E
37	302654.56	1240556.03	11° 13' 0.450"N	79° 11' 32.920"E
38	302583.31	1240563.23	11° 13' 0.670"N	79° 11' 30.570"E
39	302577.24	1240513.48	11° 12' 59.050"N	79° 11' 30.380"E
40	302643.36	1240509.69	11° 12' 58.940"N	79° 11' 32.560"E
41	302637.82	1240447.35	11° 12' 56.910"N	79° 11' 32.390"E
42	302617.21	1240451.78	11° 12' 57.050"N	79° 11' 31.710"E
43	302587.21	1240457.49	11° 12' 57.230"N	79° 11' 30.720"E
44	302540.86	1240467.61	11° 12' 57.550"N	79° 11' 29.190"E
45	302526.06	1240478.46	11° 12' 57.900"N	79° 11' 28.700"E
46	302505.18	1240488.11	11° 12' 58.210"N	79° 11' 28.010"E
47	302461.68	1240468.1	11° 12' 57.550"N	79° 11' 26.580"E
48	302378.06	1240486.74	11° 12' 58.140"N	79° 11' 23.820"E
49	302387.71	1240527.24	11° 12' 59.460"N	79° 11' 24.130"E
50	302382.98	1240547.56	11° 13' 0.120"N	79° 11' 23.970"E
51	302379.46	1240567.55	11° 13' 0.770"N	79° 11' 23.850"E
52	302379.45	1240615.18	11° 13' 2.320"N	79° 11' 23.840"E
53	302384.29	1240661.25	11° 13' 3.820"N	79° 11' 23.990"E
54	302397.57	1240700.19	11° 13' 5.090"N	79° 11' 24.420"E
55	302403.16	1240770.53	11° 13' 7.380"N	79° 11' 24.590"E

<b>BP No.</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>LATTITUDE</b>	<b>LONGITUDE</b>
56	302410.95	1240803.67	11° 13' 8.460"N	79° 11' 24.840"E
57	302403.15	1240818.47	11° 13' 8.940"N	79° 11' 24.580"E
58	302396.84	1240877.51	11° 13' 10.860"N	79° 11' 24.360"E
59	302384.28	1240956.87	11° 13' 13.440"N	79° 11' 23.930"E
60	302381.93	1240968.56	11° 13' 13.820"N	79° 11' 23.850"E
61	302380.17	1240979.02	11° 13' 14.160"N	79° 11' 23.790"E
62	302390.88	1240994.01	11° 13' 14.650"N	79° 11' 24.140"E
63	302403.72	1241009.3	11° 13' 15.150"N	79° 11' 24.560"E
64	302423.2	1241019.93	11° 13' 15.500"N	79° 11' 25.200"E
65	302432.92	1241022.03	11° 13' 15.570"N	79° 11' 25.520"E
66	302446.59	1241024.4	11° 13' 15.650"N	79° 11' 25.970"E
67	302446.87	1241020.1	11° 13' 15.510"N	79° 11' 25.980"E
68	302466.9	1241021.82	11° 13' 15.570"N	79° 11' 26.640"E
69	302483.58	1241069.65	11° 13' 17.130"N	79° 11' 27.180"E
70	302486.96	1241077.93	11° 13' 17.400"N	79° 11' 27.290"E
71	302508.76	1241119.28	11° 13' 18.750"N	79° 11' 28.000"E
72	302545.43	1241162.69	11° 13' 20.170"N	79° 11' 29.200"E
73	302565.84	1241176.7	11° 13' 20.630"N	79° 11' 29.870"E
74	302537.22	1241109.89	11° 13' 18.450"N	79° 11' 28.940"E
75	302593.53	1241090.79	11° 13' 17.840"N	79° 11' 30.800"E
76	302615.67	1241188.69	11° 13' 21.030"N	79° 11' 31.510"E
77	302642.33	1241181.76	11° 13' 20.810"N	79° 11' 32.390"E
78	302625.6	1241076.77	11° 13' 17.390"N	79° 11' 31.860"E
79	302674.96	1241062.33	11° 13' 16.930"N	79° 11' 33.490"E
80	302679.32	1240998.13	11° 13' 14.842"N	79° 11' 33.647"E
81	302688.52	1240997.71	11° 13' 14.830"N	79° 11' 33.950"E
82	302683.49	1240918.77	11° 13' 12.260"N	79° 11' 33.800"E
83	302678.83	1240852.42	11° 13' 10.100"N	79° 11' 33.660"E
84	302681.44	1240832.12	11° 13' 9.440"N	79° 11' 33.750"E

<b>BP No.</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>LATTITUDE</b>	<b>LONGITUDE</b>
85	302719.68	1240834.35	11° 13' 9.520"N	79° 11' 35.010"E
86	302725.94	1240865.96	11° 13' 10.550"N	79° 11' 35.210"E
87	302728.75	1240878.54	11° 13' 10.960"N	79° 11' 35.300"E
88	302729.42	1240889.6	11° 13' 11.320"N	79° 11' 35.320"E
89	302720.33	1240891.5	11° 13' 11.380"N	79° 11' 35.020"E
90	302724.48	1240924.36	11° 13' 12.450"N	79° 11' 35.150"E
91	302702.04	1240926.65	11° 13' 12.520"N	79° 11' 34.410"E
92	302706.63	1240982.85	11° 13' 14.350"N	79° 11' 34.550"E
93	302711.85	1240993.27	11° 13' 14.690"N	79° 11' 34.720"E
94	302718.75	1241029.49	11° 13' 15.870"N	79° 11' 34.940"E
95	302724.33	1241048.81	11° 13' 16.500"N	79° 11' 35.120"E
96	302714.93	1241098.65	11° 13' 18.120"N	79° 11' 34.800"E
97	302725.27	1241201.84	11° 13' 21.480"N	79° 11' 35.120"E
98	302773.19	1241199.4	11° 13' 21.410"N	79° 11' 36.700"E
99	302800.8	1241199.53	11° 13' 21.420"N	79° 11' 37.610"E
100	302861.17	1241199.16	11° 13' 21.420"N	79° 11' 39.600"E
101	302887.87	1241200.23	11° 13' 21.460"N	79° 11' 40.480"E
102	302909.11	1241201.33	11° 13' 21.500"N	79° 11' 41.180"E
103	302941.28	1241202.05	11° 13' 21.530"N	79° 11' 42.240"E
104	302941.01	1241158.73	11° 13' 20.120"N	79° 11' 42.240"E
105	302952.84	1241157.73	11° 13' 20.090"N	79° 11' 42.630"E
106	303003.77	1241151.58	11° 13' 19.900"N	79° 11' 44.310"E
107	303002.76	1241135.91	11° 13' 19.390"N	79° 11' 44.280"E
108	303012.94	1241114.03	11° 13' 18.680"N	79° 11' 44.620"E
109	303035.99	1241113.28	11° 13' 18.660"N	79° 11' 45.380"E
110	303051.45	1241111.34	11° 13' 18.600"N	79° 11' 45.890"E
111	303064.88	1241123.86	11° 13' 19.010"N	79° 11' 46.330"E
112	303115.84	1241122.32	11° 13' 18.970"N	79° 11' 48.010"E

**LAND SCHEDULE MAP OF UNJINI-ANANDWADI LIMESTONE BLOCK  
TAHSIL – SENDURAI, DIST. – ARIYALUR, (TN),  
(Map Attached)**



