

## Summary of the Mineral Block

### Part-A- GENERAL INFORMATION ABOUT MINERAL BLOCK (Mining Lease)

Sr.No.	Features	Details
<b>1</b>	<b>Name of Mineral Block</b>	<b>MARKAGONDI AL-LATERITE &amp; LATERITE BLOCK</b>
	Toposheet No.	56M/02
<b>2</b>	<b>Location</b>	
	Corner Points (Latitude, longitude) (As per DGPS)	As per list attached
	Villages	Markagondi, Jiwati, Shengaon
	Tahsil/Taluka	Jiwati
	District	Chandrapur
	State	Maharashtra
	<b>Area (Hectares/Sq. Kilometre)</b>	<b>53.25 Ha.</b>
i.	Mineralised Area	53.25 Ha.
ii.	Non-mineralised Area	-
<b>4</b>	<b>Exploration Details</b>	
i.	Status (G2/G3/G4 etc.)	G-2
ii.	Exploration Agency	DGM (MS)
iii.	Local Geology	The area consists of Deccan Basalt, which is overlain by a capping of laterite formations. The base of the trap over the Phranas is seen. The lithomargic clays invariably occur above the weathered basalt zones & below the aluminous laterite. It varies from a thick band of white to grey yellow & pink finely laminated clayey matter.
iv	Total No. of Boreholes with meterage drilled	9 B.H. drilled (Total meterage 148.50 m.)
v.	Borehole spacing (Density)	200 m. x 200 m.
vi.	Geochemical Investigation	Al <sub>2</sub> O <sub>3</sub> - 22.38%, Fe <sub>2</sub> O <sub>3</sub> - 38.07% and SiO <sub>2</sub> - 23.27%
vii.	Remote sensing data	Plate-A, Plate-B, Plate-C and Plate-D
<b>5</b>	<b>Quantity of Minerals (Grade-wise)</b>	
i.	Mineral Commodity	<b>Aluminous Laterite &amp; Laterite</b>
ii.	Total Geological Resources	AL-Laterite - 3.24 MT. Laterite - 2.12 MT Total - 5.36 MT
<b>6</b>	<b>Mineral Zones/Occurrences</b>	
i.	Number of Mineral Zones	
ii.	Trend (Dip & Strike)	
iii.	Total thickness	Avg. thickness - 15 m.
<b>7</b>	<b>Accessibility</b>	
i.	Nearest Railway Station	Rajura Railway Station (30 Km.)
ii.	Road	Chandrapur-Korpana Road (353-B) (20 Km.)
iii.	Airport	Morwa Airport, Chandrapur Nagpur Airport
<b>8</b>	<b>Hydrogeological information</b>	

i.	Local Surface Drainage Pattern (Channels)	
ii.	Type of aquifers	---
iii.	Rivers/Streams	Pranhita River (50 Km. ESE) Kondola Nalla & Pallezari Nalla
iv.	Sea Coast	---
<b>9</b>	<b>Climate</b>	
i.	Annual Rainfall (Avg.)	1200 mm.
ii.	Temperature (December)	27.8 <sup>0</sup> c
iii.	Temperature (June)	46 <sup>0</sup> c
<b>10</b>	<b>Topography</b>	

**PART B- PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENT RELATED TO MINING OPERATIONS**

Sr.No	Particulars	Details/Status
1	Forest Clearance	All necessary permissions, NOCs need to be obtained by bidder, if applicable.
2	Wild life clearances (Sanctuary, reserve or special zone clearances)	
3	Environmental clearances	
4	Consent to establish	
5	Explosive license	
6	Permission for mining opening	
7	Permission for installation/trial operation of equipment	
8	Ground water clearance (Centre/State)	
9	Railway siding approval	
10	Approval for Diesel Storage	
11	Power line from State Discom	
12	Clearances relating to work under an existing transmission line or shifting of the transmission line.	
13	Gram Sabha Consent	
14	Any other essential permissions as per requirement.	

**PART C- PARTICULARS OF LAND (Enclosed in Plate C)**

<b>S.No.</b>	<b>Area</b>	<b>Details</b>
1	Total Concession Area	<b>53.25 Hect.</b>
2	Forest Land	-
3	Government Land	29.89 Hect.
4	Private land	23.36 Hect.
5	Revenue Survey detail of the area	

**N.B. Kindly coordinate with the local authorities before visiting the block areas to avoid any complications.**

BP_NO	LOGITUDE	LATITUDE
BP-1	79° 9' 42.082" E	19° 35' 8.468" N
BP-2	79° 9' 50.494" E	19° 35' 8.456" N
BP-3	79° 9' 50.824" E	19° 34' 55.265" N
BP-4	79° 9' 51.430" E	19° 34' 52.678" N
BP-5	79° 9' 49.784" E	19° 34' 50.345" N
BP-6	79° 9' 52.520" E	19° 34' 46.519" N
BP-7	79° 9' 59.185" E	19° 34' 41.143" N
BP-8	79° 10' 1.092" E	19° 34' 37.645" N
BP-9	79° 10' 0.414" E	19° 34' 36.151" N
BP-10	79° 9' 59.736" E	19° 34' 34.658" N
BP-11	79° 9' 59.057" E	19° 34' 33.165" N
BP-12	79° 9' 58.341" E	19° 34' 31.589" N
BP-13	79° 9' 57.974" E	19° 34' 31.257" N
BP-14	79° 9' 52.588" E	19° 34' 33.322" N
BP-15	79° 9' 51.382" E	19° 34' 34.149" N
BP-16	79° 9' 51.255" E	19° 34' 30.735" N
BP-17	79° 9' 50.913" E	19° 34' 30.731" N
BP-18	79° 9' 50.855" E	19° 34' 30.166" N
BP-19	79° 9' 47.850" E	19° 34' 30.275" N
BP-20	79° 9' 48.742" E	19° 34' 36.247" N
BP-21	79° 9' 45.847" E	19° 34' 36.673" N
BP-22	79° 9' 45.435" E	19° 34' 33.459" N
BP-23	79° 9' 40.546" E	19° 34' 34.553" N
BP-24	79° 9' 39.425" E	19° 34' 35.229" N
BP-25	79° 9' 37.339" E	19° 34' 35.465" N
BP-26	79° 9' 36.176" E	19° 34' 38.167" N
BP-27	79° 9' 32.975" E	19° 34' 43.289" N
BP-28	79° 9' 32.314" E	19° 34' 45.573" N
BP-29	79° 9' 35.927" E	19° 34' 51.353" N
BP-30	79° 9' 37.363" E	19° 34' 53.869" N