

## 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>SHEEL-TARALWADI BAUXITE / AL LATERITE BLOCK-B</b>	
	Toposheet No.	47 H/10	
<b>2</b>	<b>Location</b>		
	Corner Points (Latitude, longitude) (As per DGPS)	Latitude	Longitude
		1) 16 <sup>0</sup> 40'56.24"N	73 <sup>0</sup> 33'2.29"E
		2) 16 <sup>0</sup> 40'42.24"N	73 <sup>0</sup> 33'7.8"E
		3) 16 <sup>0</sup> 40'34.49"N	73 <sup>0</sup> 33'11.01"E
		4) 16 <sup>0</sup> 40'35.66"N	73 <sup>0</sup> 33'24.66"E
		5) 16 <sup>0</sup> 40'36.54"N	73 <sup>0</sup> 33'26.1"E
		6) 16 <sup>0</sup> 40'40.6"N	73 <sup>0</sup> 33'34.1"E
		7) 16 <sup>0</sup> 40'43.92"N	73 <sup>0</sup> 33'41.24"E
		8) 16 <sup>0</sup> 40'46.81"N	73 <sup>0</sup> 33'40.23"E
		9) 16 <sup>0</sup> 40'50.69"N	73 <sup>0</sup> 33'41.45"E
		10) 16 <sup>0</sup> 40'55.07"N	73 <sup>0</sup> 33'40.78"E
		11) 16 <sup>0</sup> 40'58.22"N	73 <sup>0</sup> 33'37.12"E
		12) 16 <sup>0</sup> 41'0.94"N	73 <sup>0</sup> 33'34.1"E
		13) 16 <sup>0</sup> 41'0.33"N	73 <sup>0</sup> 33'33.75"E
		14) 16 <sup>0</sup> 41'2.76"N	73 <sup>0</sup> 33'31.49"E
		15) 16 <sup>0</sup> 41'3.18"N	73 <sup>0</sup> 33'18.36"E
	Villages	Nerakewadi, Soundad	
	Tahsil/Taluka	Rajapur	
	District	Ratnagiri	
	State	Maharashtra	
	<b>Area (Hectares/Sq. Kilometre)</b>	<b>74.56 Ha.</b>	
i.	Mineralised Area	74.56 Ha.	
ii.	Non-mineralised Area	-	
<b>4</b>	<b>Exploration Details</b>		
i.	Status (G2/G3/G4 etc.)	G-3	
ii.	Exploration Agency	DGM (MS)	
iii.	Local Geology	The area is extensively covered & observed by a thick irregular capping of laterite & laterite debris. Lithomerge clays invariably occur above the weathered basalt zones & below the bauxite horizon. Thin linear iron pans, consisting of limonitic, bands invariably occur within lithomerge clay profile.	
iv	Total No. of Boreholes with meterage drilled	22 B.H. (224 m. drilling)	
v.	Borehole spacing (Density)	100 m x 100 m	
vi.	Geochemical Investigation		
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>Bauxite and Alluminous Laterite</b>
ii.	Total Geological Resources	<u>Metallurgical grade Bauxite</u> - 0.008 MT. with an average grade 40.30% of Al <sub>2</sub> O <sub>3</sub> and 3.73% of SiO <sub>2</sub> <u>Bauxite</u> - 0.2208 MT. with an average grade 34.74% of Al <sub>2</sub> O <sub>3</sub> and 4.86% of SiO <sub>2</sub> <u>AL-Laterite</u> - 0.735 MT with an average grade 29.57% of Al <sub>2</sub> O <sub>3</sub> and 11.27% of SiO <sub>2</sub>
<b>6</b>	<b>Mineral Zones/Occurances</b>	
i.	Number of Mineral Zones	One
ii.	Trend (Dip & Strike)	N.A.
iii.	Total thickness	Avg. thickness 3.92 m.
<b>7</b>	<b>Accessibility</b>	
i.	Nearest Railway Station	Rajapur (22 Km.)
ii.	Road	Mumbai-Goa N.H.66
iii.	Airport	Kolhapur Airport (94 Km.)
<b>8</b>	<b>Hydrogeological information</b>	
i.	Local Surface Drainage Pattern (Channels)	
ii.	Type of aquifers	---
iii.	Rivers/Streams	Karvali river 1.00 Km.
iv.	Sea Coast	Arabean Sea 25 Km.
<b>9</b>	<b>Climate</b>	
i.	Annual Rainfall (Avg.)	450 cm to 470 cm
ii.	Temperature (December)	25 <sup>0</sup> c - 35 <sup>0</sup> c
iii.	Temperature (June)	
<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>74.56 Hect.</b>
2	Forest Land	-
3	Government Land	0.20 Hect.
4	Private land	74.36 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.**