

Summary of the Mineral Block

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

Sr.No.	Features	Details																											
1	Name of Mineral Block	SHEEL-TARALWADI BAUXITE / AL LATERITE BLOCK-A																											
	Toposheet No.	47 H/10																											
2	Location																												
	Corner Points (Latitude, longitude) (As per DGPS)	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 35%; text-align: center;">Latitude</th> <th style="width: 35%; text-align: center;">Longitude</th> </tr> </thead> <tbody> <tr> <td>1)</td> <td style="text-align: center;">16⁰40'38.68"N</td> <td style="text-align: center;">73⁰32'18.93"E</td> </tr> <tr> <td>2)</td> <td style="text-align: center;">16⁰40'47.2"N</td> <td style="text-align: center;">73⁰32'39.97"E</td> </tr> <tr> <td>3)</td> <td style="text-align: center;">16⁰40'56.24"N</td> <td style="text-align: center;">73⁰33'2.29"E</td> </tr> <tr> <td>4)</td> <td style="text-align: center;">16⁰40'42.24"N</td> <td style="text-align: center;">73⁰33'7.8"E</td> </tr> <tr> <td>5)</td> <td style="text-align: center;">16⁰40'33.03"N</td> <td style="text-align: center;">73⁰32'54.38"E</td> </tr> <tr> <td>6)</td> <td style="text-align: center;">16⁰40'25.27"N</td> <td style="text-align: center;">73⁰32'43.44"E</td> </tr> <tr> <td>7)</td> <td style="text-align: center;">16⁰40'23.95"N</td> <td style="text-align: center;">73⁰32'32.61"E</td> </tr> <tr> <td>8)</td> <td style="text-align: center;">16⁰40'24.15"N</td> <td style="text-align: center;">73⁰32'27.97"E</td> </tr> </tbody> </table>		Latitude	Longitude	1)	16 ⁰ 40'38.68"N	73 ⁰ 32'18.93"E	2)	16 ⁰ 40'47.2"N	73 ⁰ 32'39.97"E	3)	16 ⁰ 40'56.24"N	73 ⁰ 33'2.29"E	4)	16 ⁰ 40'42.24"N	73 ⁰ 33'7.8"E	5)	16 ⁰ 40'33.03"N	73 ⁰ 32'54.38"E	6)	16 ⁰ 40'25.27"N	73 ⁰ 32'43.44"E	7)	16 ⁰ 40'23.95"N	73 ⁰ 32'32.61"E	8)	16 ⁰ 40'24.15"N	73 ⁰ 32'27.97"E
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	Villages	Nerakewadi, Soundad																											
	Tahsil/Taluka	Rajapur																											
	District	Ratnagiri																											
	State	Maharashtra																											
	Area (Hectares/Sq. Kilometre)	76.70 Ha.																											
i.	Mineralised Area	76.70 Ha.																											
ii.	Non-mineralised Area	-																											
4	Exploration Details																												
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	39 B.H. (442 m. drilling)																											
v.	Borehole spacing (Density)	100 m x 100 m grid internal																											
vi.	Geochemical Investigation																												
vii.	Remote sensing data	Plate-A, Plate-B, Plate-C and Plate-D																											
5	Quantity of Minerals (Grade-wise)																												
i.	Mineral Commodity	Bauxite and Alluminous Laterite																											
ii.	Total Geological Resources	<u>Metallurgical grade Bauxite</u> - 0.158 MT. with an average grade 46.47% of Al ₂ O ₃ and 3.44% of SiO ₂ <u>Bauxite</u> - 2.136 MT. with an average grade 34.75% of Al ₂ O ₃ and 4.16% of SiO ₂ <u>AL-Laterite</u> - 1.603 MT with an average grade 30.82% of Al ₂ O ₃ and 13.18% of SiO ₂																											

6	Mineral Zones/Occurances	
i.	Number of Mineral Zones	One
ii.	Trend (Dip & Strike)	N.A.
iii.	Total thickness	Avg. thickness 4.17 m.
7	Accessibility	
i.	Nearest Railway Station	Rajapur (22 Km.)
ii.	Road	Mumbai-Goa N.H.66
iii.	Airport	Kolhapur Airport (94 Km.)
8	Hydrogeological information	
i.	Local Surface Drainage Pattern (Channels)	
ii.	Type of aquifers	---
iii.	Rivers/Streams	Karvali river
iv.	Sea Coast	Arabean Sea 25 Km.
9	Climate	
i.	Annual Rainfall (Avg.)	450 cm to 470 cm
ii.	Temperature (December)	25 ⁰ c - 35 ⁰ c
iii.	Temperature (June)	
10	Topography	

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)

S.No.	Area	Details
1	Total Concession Area	76.70 Hect.
2	Forest Land	-
3	Government Land	-
4	Private land	76.70 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.