

## 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>Kudopi Bauxite Block</b>
	Toposheet No.	47 H/11 and 47 H/12
<b>2</b>	<b>Location</b>	
	DGPS Co-ordinates (Latitude, longitude)	1) N 16 <sup>0</sup> 15'30.051" E 73 <sup>0</sup> 29'55.29" 2) N 16 <sup>0</sup> 15'30.051" E 73 <sup>0</sup> 31'27.268" 3) N 16 <sup>0</sup> 15'5.531" E 73 <sup>0</sup> 31'27.375" 4) N 16 <sup>0</sup> 15'5.424" E 73 <sup>0</sup> 31'39.367" 5) N 16 <sup>0</sup> 14'34.693" E 73 <sup>0</sup> 31'36.476" 6) N 16 <sup>0</sup> 14'28.697" E 73 <sup>0</sup> 31'25.876" 7) N 16 <sup>0</sup> 14'28.911" E 73 <sup>0</sup> 29'55.183"
	Villages	Achra, Chindar, Kudopi, Palsamb, Trimbak
	Tahsil/Taluka	Malvan
	District	Sindhudurg
	State	Maharashtra
<b>3</b>	<b>Area (Hectares/Sq. Kilometre)</b>	<b>5.45 Sq.km.</b>
i.	Mineralised Area	4.15 Sq.km.
ii.	Non-mineralised Area	1.30 Sq.km.
<b>4</b>	<b>Exploration Details</b>	
i.	Status (G2/G3/G4 etc.)	G-3
ii.	Exploration Agency	DGM in collaboration with GSI
iii.	Total No. Of Boreholes with meterage	31 Nos. with 514 meter of drilling
iv.	Borehole spacing (Density)	400 m x 400 m
<b>5</b>	<b>Quantity of Minerals (Grade-wise)</b>	
i.	Mineral	<b>Bauxite</b>
ii.	Low grade Bauxite (30%<Al <sub>2</sub> O <sub>3</sub> <45%)	3.24 Million Tonnes (Avg.36.48% Al <sub>2</sub> O <sub>3</sub> )
iii.	Medium grade Bauxite (50%<Al <sub>2</sub> O <sub>3</sub> )	0.24 Million Tonnes (Avg.46.85% Al <sub>2</sub> O <sub>3</sub> )
iv.	High grade Bauxite (50%<Al <sub>2</sub> O <sub>3</sub> )	0.43 Million Tonnes (Avg.53.08% Al <sub>2</sub> O <sub>3</sub> )
v.	Alluminous laterite (<20%Al <sub>2</sub> O <sub>3</sub> )	40.47 Million Tonnes (Avg.28.80% Al <sub>2</sub> O <sub>3</sub> )
vi.	Total Geological Resources	<b>44.38 Million Tonnes</b> (Bauxite - 3.91 MT and Alluminous laterite - 40.47 MT)
<b>6</b>	<b>Mineral Zones</b>	
i.	Number of Mineral Zones	Two number of zones of bauxite and aluminous laterite occur as a discontinuous pocketly lensoidal irregular bodies on surface and sub-surface level.
ii.	Trend (Dip & Strike)	N 20 <sup>0</sup> ES20 <sup>0</sup> W with low dips (12 <sup>0</sup> to 15 <sup>0</sup> towards west.

iii.	Total thickness	Bauxite average thickness is around 1.65m (Range 0.4 meter to 7.2 meter) and of aluminous laterite is around 5.04 m (range 1 meter to 9.3 meter)
<b>7</b>	<b>Accessibility</b>	
i.	Nearest Rail Head	Kankauli Station (33 km. from Kudopi)
ii.	Road	State Highway SH-4 and NH-66
iii.	Airport	Chipi (97 km south of area)
<b>8</b>	<b>Hydrography</b>	
i.	Local Surface Drainage Pattern (Channels)	Sub-paralle to sub-rectangular type
ii.	Rivers/Streams	Achra Nadi
<b>9</b>	<b>Climate</b>	
i.	Mean Annual Rainfall	3500 mm
ii.	Temperature (December)	13 <sup>0</sup> C (minimum)
iii.	Temperature (June)	37 <sup>0</sup> C (maximum)
<b>10</b>	<b>Topography</b>	
i.	Morphology of the area	Low lying valley and Plateau (Highest elevation 152 m and lowest elevation 16 m above MSL)

**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>545.11 Hect.</b>
2	Forest Land	141.50 Hect.
3	Government Land	6.49 Hect.
4	Private land	397.12 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.**