

**Summary of the Mineral Block**  
**Part-A- GENERAL INFORMATION ABOUT MINERAL BLOCK (Composite Licence)**

Sr.No.	Features	Details	
<b>1</b>	<b>Name of Mineral Block</b>	<b>Lal Heti Copper Block</b>	
	Toposheet No.	56M/09	
<b>2</b>	<b>Location</b>		
	Corner Points (Latitude, longitude)	Latitude	Longitude
	(As per Report) In Decimal degree	19.930277	79.705833
		19.930277	79.711388
		19.920277	79.711388
		19.920277	79.705833
	Villages	Nandgaon, Phutana, Chak Thana, Gowardhan	
	Tahsil/Taluka	Pombhurna	
	District	Chandrapur	
	State	Maharashtra	
<b>2</b>	<b>Area (Hectares/Sq. Kilometre)</b>	<b>0.64 Sq.km.</b>	
i.	Mineralised Area	0.64 Sq.km.	
ii.	Non-mineralised Area	---	
<b>3</b>	<b>Exploration Details</b>		
i..	Status (G2/G3/G4 etc.)	G-3	
ii.	Exploration Agency	GSI	
iii.	Local Geology	Lithologically the area covers with the Lithounits such as granodiorite and quartz, veins in Lal Heti block younger leococratic granite is exposed as small outcrop and thin quartz, veins are exposed along Thanewasna shear zone.	
iv	Total No. Of Boreholes with meterage drilled	4 Boreholes were drilled in Lal Heti (Total meterage 545.90 m)	
v.	Borehole spacing (Density)	1st Level (2 BHs): 250 m, 2nd Level (2 BHs): 250 m	
vi.	Geolochemical Investigation		
vii.	Remote sensing data	Plate-A and Plate-B (Paid Document)	
<b>4</b>	<b>Quantity of Minerals (Grade-wise)</b>	0.23 MT 0.36% Cu average grade, at 0.2% cutoff grade.	
i.	Mineral Commodity	<b>Copper</b>	
ii.	Total Geological Resources (Reserves)	N.A.	
<b>5</b>	<b>Mineral Zones/Occurances</b>		
i.	Number of Mineral Zones	Many inferred mineralized zones	
ii.	Trend (Dip & Strike)	NNW to SSE,dipping 56° to 65° westernly	
iii.	Average thickness	Avg. Thickness 2.45 Meter to6.58 Meter	
<b>6</b>	<b>Accessibility</b>		
i.	Nearest Railway Station	Mul Railway station (30Km NW of Nai Dilli)	
ii.	Road	Nagpur Umred Chandrapur state Highway	
iii.	Airport	Nagpur	

<b>7</b>	<b>Hydrogeological information</b>	
i.	Local Surface Drainage Pattern (Channels)	Dendritic drainage pattern
ii.	Type of aquifers	
iii.	Rivers/Streams	Wainganga & Andhari Rivers
iv.	Sea Coast	NA
<b>8</b>	<b>Climate</b>	
i.	Annual Rainfall (Avg.)	1000mm To 1500mm
ii.	Temperature (December)	12 <sup>0</sup> C
iii.	Temperature (June)	49 <sup>0</sup> C
<b>9</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	To be Obtained by the successful Bidder.
2	Wild life clearances (Sanctuary, reserve or special zone clearances)	- do -
3	Environmental clearances	- do -
4	Consent to establish	- do -
5	Explosive license	- do -
6	Permission for mining opening	- do -
7	Permission for installation/trial operation of equipment	- do -
8	Ground water clearance (Centre/State)	- do -
9	Railway siding approval	- do -
10	Approval for Diesel Storage	- do -
11	Power line from State Discom	- do -
12	Clearances relating to work under an existing transmission line or shifting of the transmission line.	- do -
13	Gram Sabha Consent	- do -
14	Any other essential permissions as per requirement.	- do -

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

S.No.	Area	Details
1	Total Concession Area	<b>64.00 Hect.</b>
2	Forest Land	7.67 Hect.
3	Government Land	15.42 Hect.
4	Private land	40.91 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.**