



**ANNEXURE - I**

**( e-Auction EABC-10/2023-24 )**

(Auction date for e-Auction for Ball Clay on 08.02.2024)

**MATERIAL LIST**

**FOR THE SALE OF Ball Clay AT NLCIL'S MINE-I SITE: NEYVELI, TAMIL NADU**

Location	Description of Material	Quantity	Basis of Sale	Royalty & GST
Mine-I Site Neyveli	Sale of Ball Clay on "as is where is and no complaint basis only"	5,000 Tonnes	Rate per Tonne	Royalty/Seigniorage Fee Rs.100 per tonne, DMF @ 30 % on Royalty/Seigniorage Fee , Green Fund @10% on Royalty/Seigniorage Fee ( for Intra-State Sale) OR Green Fund @50% on Royalty/Seigniorage Fee ( for Inter-State Sale), GST on RCM basis @ 18% on Royalty/Seigniorage Fee, DMF & Green Fund, CGST @ 2.5%, SGST @ 2.5%

S.NO	CHEMICAL PROPERTIES	GENERAL RANGE (% by Mass)
1	Loss on ignition	13.00 - 22.00
2	Silica as SiO <sub>2</sub>	32.00 - 54.00
3	Iron as Fe <sub>2</sub> O <sub>3</sub>	0.30 - 2.00
4	Alumina as Al <sub>2</sub> O <sub>3</sub>	32.00 - 40.00
5	Calcium as CaO	1.00 - 3.00
6	Magnesium as MgO	1.50 - 3.00
7	Titania as TiO <sub>2</sub>	0.75 - 1.50
	<b>PHYSICAL PROPERTIES</b>	
1	Bulk Density (gm/cc)	1.30 - 1.50
2	Specific gravity	2.00 - 2.50
3	Liquid limit (%)	50.00 - 65.00
4	Plastic limit (%)	34.00 - 37.00
5	Atterberg No	14.00 - 25.00
6	Dry Linear shrinkage (%)	7.00 - 8.50
7	Water of Plasticity (%)	12.00 - 32.00

The appx properties of the Ball Clay are given above. These properties may vary depending upon the Mining strata.