



**ANNEXURE - I**

**( e-Auction EABC-04/2023-24 )**

(Auction date for e-Auction for Ball Clay on 04.08.2023)

**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"	10,000 Tonnes	Rate per Tonne	Royalty/Seigniorage Fee Rs.70 per tonne, DMF @ 30 % on Royalty/Seigniorage Fee , Green Fund @10% on Royalty/Seigniorage Fee ( for Intra-State Sale) OR Green Fund @20% 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%

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

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