

Geosynthetics Interest Group of South Africa

Established 1994

Geosynthetic Clay Liners (GCLs)

A factory manufactured hydraulic barriers consisting of a layer of bentonite (usually sodium bentonite) or other very low-permeability material supported by geotextiles and/or geomembranes, mechanically held together by needling, stitching, or chemical adhesives.



Image: Geosynthetic Clay Liners (GCLs)

The above definitions are stated within the South African context.

Refer to ISO 10318:2018: Geosynthetics – Terms and definitions for formal definitions.