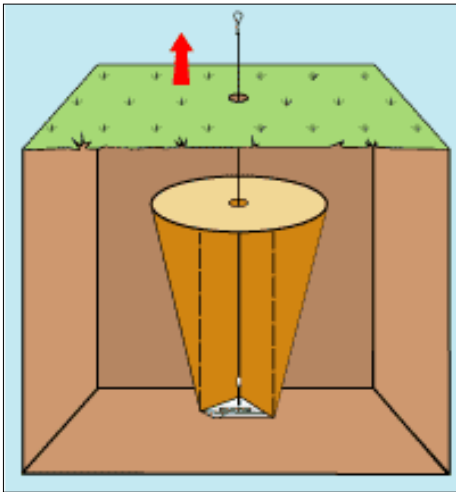


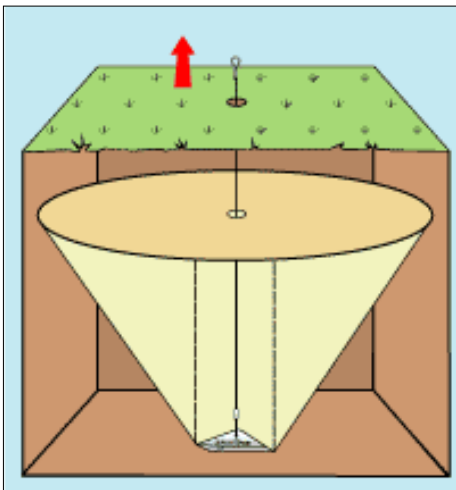
TREE ANCHOR PERFORMANCE



COHESIVE SOIL

In a typical cohesive soil, the mineral particles are of 'Plate-like' form. The space between each of the 'Plates' contains water which dissipates when subjected to load. Gravelly or sandy silts and clays with particles finer than 0.002mm are generally of this composition.

Cohesive soil represents the weakest material to anchor into and generates the smallest frustum cone and the lowest loads.



NON-COHESIVE SOIL

A typical non-cohesive soil consists of particles which interlock, bond and compact when subjected to a load. Coarser sands (ranging from 0.6mm - 2mm) and gravels (coarser than 2mm) are generally of this composition.

Our tree anchor systems perform exceptionally well in free draining non-cohesive granular soils, displaying shorter loadlock and extension characteristics, larger frustum cones and higher loads.

