**ISSUE**
The access route to a new housing development required the construction of a roadway which crossed over an area where tree roots were close and at surface level. In order not to damage the roots, Geocell was specified with the dual purpose of offering a strong stable base for the access routes whilst protecting tree roots from damage.

**SOLUTION**
Geocell cellular confinement system was used as it offered the perfect solution for tree root protection where a road or driveway is required whilst preventing soil compaction and protecting tree roots. Geocell cellular confinement system ensured that downward forces by vehicles are spread laterally reducing loads on the underlying soils.

**BENEFITS**
The permeable cells allowed natural drainage and stopped compaction from vehicle tyres. The cells confined the stone fill ensuring that any downward forces were spread laterally. Geocell ensured that the access road caused no damage to the tree roots.