TenCate® develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

**THE CHALLENGE**
Site access was challenging for this project. The contractor was unable to access the site due to a pumping subgrade. The rainy season of the Pacific Northwest further deteriorated the subgrade causing construction delays.

**THE DESIGN**
TenCate Mirafi® RS380® woven geosynthetic was recommended to stabilize the subgrade. TenCate MiraSpec Design Solutions Software was used to calculate the design aggregate thickness of 10" to be placed over Mirafi® RS380®.

**THE CONSTRUCTION**
Rolling out Mirafi® RS380® with a thin initial lift of aggregate immediately allowed vehicular traffic to access the site. The full compacted lift of 10" was installed, therefore completing the road. The contractor was able to bring in larger sized aggregate at a lower cost due to Mirafi® RS380®’s ability to engage its strength with the aggregate through friction, or coefficient of interaction.

A small amount of aggregate allowed immediate access.
THE PERFORMANCE
Mirafi® RS380i provided site access and the ability to use larger sized aggregate, a lower cost rock source, and allowed the contractor to build the road during the rainy season and keep the project on track.

*Patent pending

Access road up 12% grade.

Larger aggregate used over Mirafi® RS380i.