

# March 2019 Vol. 1

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WHAT if... you Could Make Time, Cost and Design Savings on Your Next Subgrade Stabilisation Project? - a Free Tensar workshop

Advantages of Tensar's Subgrade Stabilisation and Pavement Optimisation

<https://www.engineersireland.ie/groups/events/2019/march/what-if-you-could-make-time,-cost-and-design-savin.aspx>

Access to Energy can be a Challenge—but the GEOWEB 3D Road System gets it done! Presto Geosystems

<https://energynow.com/2019/02/access-to-energy-can-be-a-challenge-but-the-geoweb-3d-road-system-gets-it-done-presto-geosystems/>

Quote of the Month: "It is a paradox that it is mainly the installation of this “protective layer” which is the most frequent cause of a damage to a geomembrane"

<https://www.sensorgroup.com/covered-geomembrane-testing>

Layfield Geomembrane Presentation in BRISBANE on Containment of Emerging Contaminants (12th March, 2019)

<https://layfieldgroup.activehosted.com/index.php?action=social&chash=13f320e7b5ead1024ac95c3b208610db.581&s=8dc40de1f26f506ce50cbe227be6427b>

Layfield Geomembrane Presentation in MELBOURNE on Containment of Emerging Contaminants (14th March, 2019)

<https://layfieldgroup.activehosted.com/index.php?action=social&chash=11b921ef080f7736089c757404650e40.610&s=8dc40de1f26f506ce50cbe227be6427b>

The Use of HDPE-type Liners as Barrier Systems has a Major Effect on the Stability Behaviour of Tailings Dams

<http://miningmirror.co.za/2019/02/15/tailings-dams-technology-learning-from-failure-part-2-mines-rethink-safety-measures/>

Best Practices for Tailings Dam Design and Use of Geomembrane Liners

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<http://revistaminerios.com.br/best-practices-for-tailings-dam-design/>

Inmarsat and Knight Piésold Announce Tailings Dam Monitoring Solution (Breaking News)

<https://www.mining-technology.com/mining-safety/inmarsat-and-knight-piesold-announce-tailings-dam-monitoring-solution>

GHD Tailings Dam Management and Menu of Service

<https://www.ghd.com/en/services/resources/Menu-of-Services/Tailings.pdf>

Use of Buried Polyethylene Liners in Earthen Bunds is Now Explicitly Allowed, which may be a Cost Saver for Remote Diesel Tank Sites

<https://cottonaustralia.com.au/news/article/revised-australian-standards-for-fuel-oil-storage-the-impact-for-growers>

### **ExcelPlas Labs Offering In-Plant Sampling for Geosynthetics**

Our independent, in-plant geosynthetic sampling services are an important link in the procurement process to ensure compliant material is delivered for the project. We attend to inspect the manufacturing process and extract samples for independent conformance and compliance testing (MQC).

<http://www.excelplas.com/>

Golder to Gauge Consequences of Dam Failure

<https://www.golder.com/news/golder-to-gauge-consequences-of-dam-failure-across-newfoundland-labrador/>

The Role of Undrained Clay Soil Subgrade Properties in Controlling Deformations in Geomembranes

<https://www.sciencedirect.com/science/article/abs/pii/S0266114419300172>

Cyclic Plate Testing for Reinforced Airport Pavements—Phase I: Geogrids

<https://trid.trb.org/view/1583875>

Valorization of Fine-Grain Construction and Demolition (C&D) Waste in Geosynthetic Reinforced Structures

[https://www.researchgate.net/publication/328208624\\_Valorization\\_of\\_Fine-Grain\\_Construction\\_and\\_Demolition\\_CD\\_Waste\\_in\\_Geosynthetic\\_Reinforced\\_Structures](https://www.researchgate.net/publication/328208624_Valorization_of_Fine-Grain_Construction_and_Demolition_CD_Waste_in_Geosynthetic_Reinforced_Structures)

The Behavior of Self-launching Geotextile Bag Aprons—latest investigations from the field

[https://books.google.com.au/books?hl=en&lr=&id=E\\_OJDwAAQBAJ&oi=fnd&pg=PT183&dq=geotextile&ots=Dyc9I7LzPu&sig=UfMthn9noMgG5Zms2zoHAB\\_u5AY](https://books.google.com.au/books?hl=en&lr=&id=E_OJDwAAQBAJ&oi=fnd&pg=PT183&dq=geotextile&ots=Dyc9I7LzPu&sig=UfMthn9noMgG5Zms2zoHAB_u5AY)

Analytical Investigation of Load Over Pipe Covered with Geosynthetic-Reinforced Sandy Soil

<https://link.springer.com/article/10.1007/s40891-019-0156-z>

Bentonite Enhanced Soil as an Alternative Landfill Liner (Really?)

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- Articles published on GNA get thousands of views and are distributed widely through 3rd Party Affiliates
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- In 2017 we have increased readership by 10,000+ through India, Africa and Asia
- Special Advertising Packages Available for Geosynthetic Manufacturers, Installers, and Service Providers.

## **ExcelPlas Geosynthetics Testing Expands Geosynthetic Testing Offerings**

ExcelPlas now performs more than 120 standard geosynthetic tests in accordance with relevant ASTM, GRI and ISO standards.

We have extensive experience with all types of geosynthetics - from geomembranes (HDPE, LLDPE, fPP), geotextiles to geonets, geogrids, geocomposites and geosynthetic clay liners (GCLs).

As a Nationally Accredited Testing Laboratory, our technicians, equipment and quality system are monitored regularly for proficiency and compliance assuring that you can count on quality results every time.

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Among GNA's objectives are:

- To promote and educate on the development of specifications and practices that help ensure the proper use of geosynthetics.
- To locate, interpret and disseminate new scientific research to manufacturers and users of geosynthetic materials.
- To enhance the knowledge and awareness of contemporary geosynthetic technologies amongst specifiers, users and installers.

? GNA – World's Leading Source of Breaking News on Geomembranes, Geotextiles and other Geosynthetics

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Any news requests should be sent to [john@excelplas.com](mailto:john@excelplas.com)

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