ASTM D6706 - Geosynthetic Pullout Resistance in Soil

Please include on all shipped materials

TEST NUMBER		(One Form Per Test)	TRI Log# (If Assigned)	

Client Company:				
Project:		PO		
Contact:	Name:	Email:	Phone:	
CC e-mails:				

1. Geosynthetic Details

Manufacturer	Product	Sample ID

2. Soil Sourcing

☐ Client Supplied

Sample ID	
USCS/Description	

Soil Quantity - The test box is 12 x 30 x 55 inches. We'd need a minimum of 11.5 cubic feed of compacted material. At 120 pcf and given a bulking factor for uncompacted material of 30%, three 55 gallon drums of material would be required. We have a smaller insert for the pullout box but it limits the geosynthetics that we can test. The smaller box measures 12 x 18 x 36 which would require half the quantity of soil.

☐ TRI Sourced

- ○ TRI Stock pile Material ID
- ○ Specification attached

3. Soil Placement

☐ Tamp in Place

☐ Client Provided Moisture Content and Density: % pcf

☐ ASTM D454/3 - Min/Max	Relative Density	
☐ ASTM D698 - Standard Proctor	Percent Compaction	
☐ ASTM D557 - Modified Proctor	Moisture Content Relative to Optimum	

4. Normal Stresses

Units ☐ psf ☐ psi ☐ kPa

1	2	3	4	5	6

5. Additional Pullout Test Instructions

6. Additional Testing

☐ See geosynthetic-specific COC / Test Request Form for additional testing assignments

☐ See soil COC / Test Request Form for additional testing assignments.

☐ Particle Size Analysis with Hydrometer ASTM D422

☐ Atterberg Limit - ASTM D4318

☐ Direct Shear Strength - ASTM D3080

Test Request Forms are Provided as a Means of Aiding in Efficient and Effective Communicating with Our Clients. Your continued feedback is very welcome - jkuhn@tri-env.com