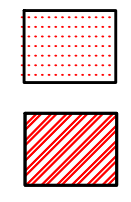


Legend



Approximate area to be covered by Geotextile Marker Fabric

Approximate area sampled by GTA in October 2014 (this area does not require marker fabric or clean fill).

Notes

1. Based on a STV Incorporated Preliminary Plot Plan dated May, 2015.
2. Property boundaries and site conditions are approximate.

TABLE 1
MINIMUM PHYSICAL REQUIREMENTS FOR MARKER GEOTEXTILE

PROPERTY	UNITS	ACCEPTABLE VALUES	TEST METHOD
Grab Strength	lbs	160x160	ASTM D 4632
Mullen Burst	psi	350	ASTM D 3786
CBR Puncture	lbs	75	ASTM D 4833
Trapezoid Tear	lbs	75	ASTM D 4533
Apparent Opening Size	U.S. sieve	30	ASTM D 4751
Permittivity	Sec -1	0.05	ASTM D 4491
Ultraviolet Degradation	Percent	80 at 500 hrs	ASTM D 4355

Geotextile Marker Fabric Specifications

The geotextile marker fabric should be nonwoven pervious sheet of polypropylene material. Add stabilizers and/or inhibitors to the base material, as needed, to make the filaments resistant to deterioration by ultraviolet light, oxidation, and heat exposure. Re grind material, which consists of edge trimmings and other scraps that have never reached the consumer, may be used to produce the geotextile. Post-consumer recycled material may be used. Geotextile shall be formed into a network such that the filaments or yarns retain dimensional stability relative to each other, including the edges. Geotextiles shall meet the requirements specified in Table 1. Where applicable, Table 1 property values represent minimum average roll values in the weakest principal direction. Values for Apparent Opening Size (AOS) represent maximum average roll values.

Approximate Subject Property Boundary

GTA
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