

fYNOP Site



MW-147A - Borehole Point Dilution Testing Results

For Testing Completed 09/27/2012

Groundwater Velocity**

Test Interval in feet BGS feet/min

200 to 250 feet * 1.28

* Void with some clay-fill material at 207-215 ft BGS;
the remainder of test interval contains competent dolostone.

** Methods adapted from Freeze and Cherry, 1979; p. 428-430.

Conditions, Assumptions, and Limitations

- A slug of DI water tracer instantaneously fills the void interval encountered by the borehole.
- The area of the tested interval extends significantly beyond the dimensions of the borehole.
- Karstic porosity is 0.20; adjustment factor is 1.0; for use in Eq'n 9.28, p.430.