

Laboratory Tests for Hydraulic Properties of Low permeability geo-materials

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Hydraulic property of low permeability geo-materials has been studied increasingly for their effectiveness in retarding the underground transport of hazardous wastes. The authors took two approaches to measure hydraulic property of low permeability geo-materials. One is the simultaneous measurements of fluid pressure and strain , and the other is the flow pump methods. In this report , we introduce the methods of these tests and show the results (permeability and storage coefficient) from both tests.