

ASTM Standards for the Analysis of Hydraulic Characteristic of Aquifer by Aquifer Pumping Tests

1. D6034-96 (Reapproved 2010) e1 - Standard Test Method (Analytical Procedure) for Determining the Efficiency of a Production Well in a Confined Aquifer from a Constant Rate Pumping Test
2. D6028-96 (Reapproved 2010) e1 - Standard Test Method (Analytical Procedure) for Determining Hydraulic Properties of a Confined Aquifer Taking into Consideration Storage of Water in Leaky Confining Beds by Modified Hantush Method
3. D6029-96 (Reapproved 2010) e1 - Standard Test Method (Analytical Procedure) for Determining Hydraulic Properties of a Confined Aquifer and a Leaky Confining Bed with Negligible Storage by the Hantush-Jacob Method
4. D5850-95 (Reapproved 2006) - Standard Test Method for (Analytical Procedure) Determining Transmissivity, Storage Coefficient, and Anisotropy Ratio from a Network of Partially Penetrating Wells
5. D5786-95 (Reapproved 2006) - Standard Practice for (Field Procedure) for Constant Drawdown Tests in Flowing Wells for Determining Hydraulic Properties of Aquifer Systems
6. D4050-96 (Reapproved 2008) - Standard Test Method for (Field Procedure) for Withdrawal and Injection Well Tests for Determining Hydraulic Properties of Aquifer Systems
7. D5269-96 (Reapproved 2008) - Standard Test Method for Determining Transmissivity of Nonleaky Confined Aquifers by the Theis Recovery Method
8. D4105-96 (Reapproved 2008) - Standard Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Modified Theis Nonequilibrium Method
9. D4043-96 (Reapproved 2010) e1 - Standard Guide for Selection of Aquifer Test Method in Determining Hydraulic Properties by Well Techniques
10. D4106-96 (Reapproved 2008) - Standard Test Method for (Analytical Procedure) for Determining Transmissivity and Storage Coefficient of Nonleaky Confined Aquifers by the Theis Nonequilibrium Method
11. D5270-96 (Reapproved 2008) - Standard Test Method for Determining Transmissivity and Storage Coefficient of Bounded, Nonleaky, Confined Aquifers
12. D5472-93 (Reapproved 2005) - Standard Test Method for Determining Specific Capacity and Estimating Transmissivity at the Control Well
13. D5473-93 (Reapproved 2006) - Standard Test Method for (Analytical Procedure for) Analyzing the Effects of Partial Penetration of Control Well and Determining the Horizontal and Vertical Hydraulic Conductivity in a Nonleaky Confined Aquifer