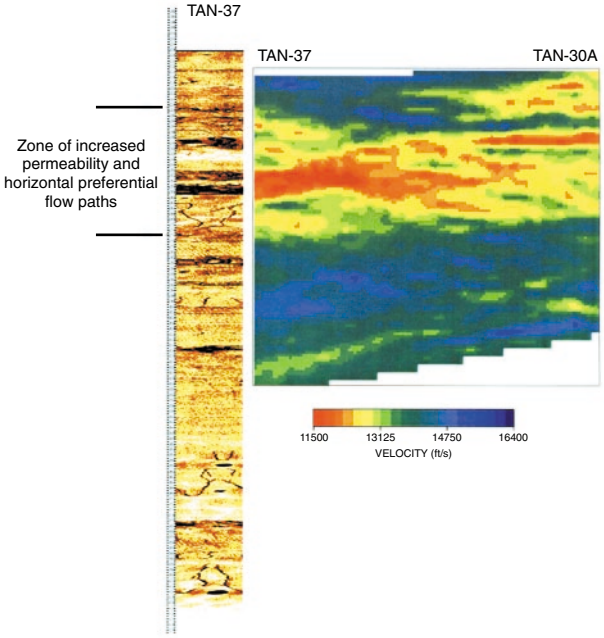

PN01-0511-3-2

Vertical Profile Sampling

Problem
The INEEL's Test Area North remediation project needed to characterize the vertical distribution of organic contaminants within the Snake River Plain Aquifer.

Baseline Technology
No baseline technology.

Innovative Technology
The Vertical Profile Sampling technique retrieves representative samples from various depths in the aquifer to compile an accurate contaminant distribution profile.

Comparison
This technique enables the project to monitor the aquifer's natural attenuation process.

Benefits
This sampling technique will result in cost savings, reduce programmatic risk, improve worker safety, reduce sampling schedules, and provide qualitative technical information required to support remedy performance reviews.

ENVIRONMENTAL RESTORATION PROGRAM

Project: ID-ER-101
Test Area North Remediation