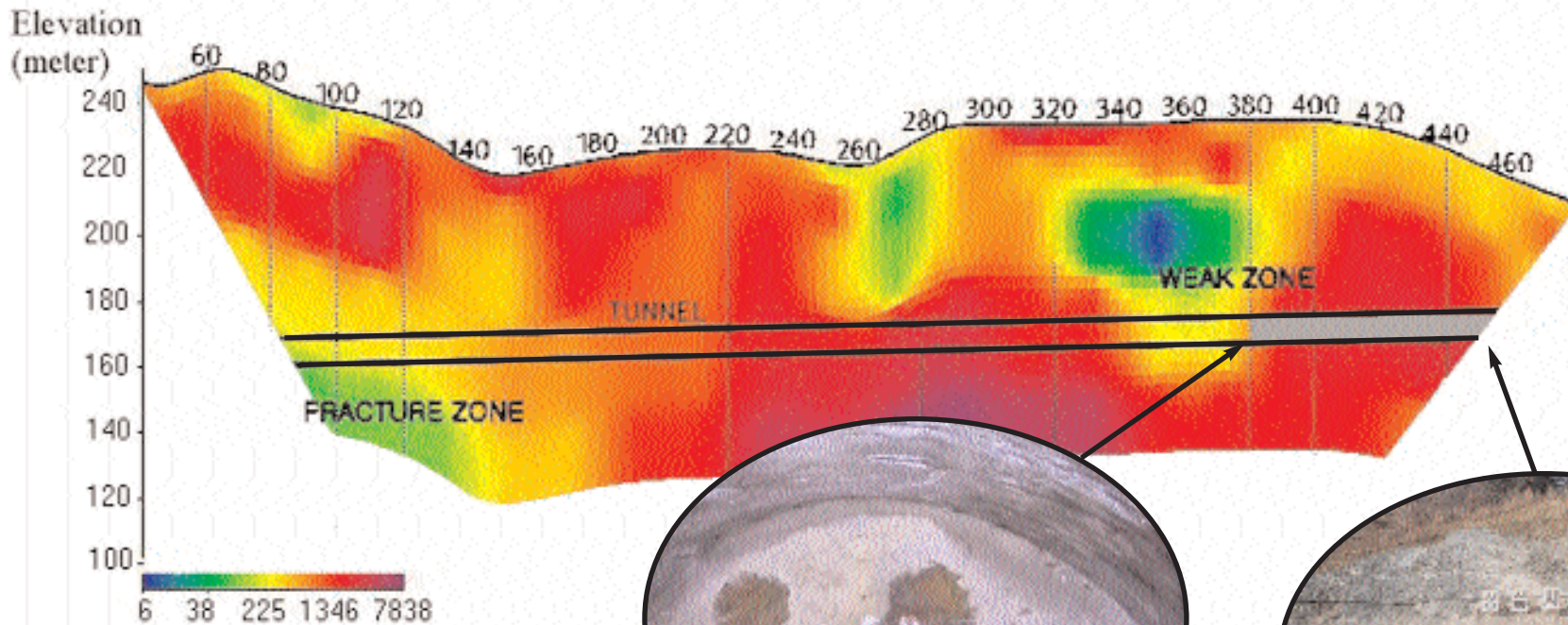


Tunnel Site Investigation



The tunnel front at the weak zone was shot-creted and three windows left open for the engineers to study the weak-zone material.



The entrance to one of the two parallel tunnels

Objective: Site investigation for two parallel highway tunnels. The weak zone between 340-380 meter was confirmed during the actual tunnel construction and consisted of fractured limestone and soft moist clay.

Survey site: South of Seoul, Korea

Method: Dipole-dipole resistivity

Instrument: Sting/Swift, 27 electrodes at 20 meter spacing

Processing: Inversion using the DIPRO software

Units: Meter and ohmmeter

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