



This is to certify that

**Miguel Ángel Abarzua Ramos**

of Servicio Nacional de Geología y Minería (SERNAGEOMIN)

has successfully completed the  
Maptek™ live stream online course

**Vulcan Básico**

December 16th, 2025 to December 19th, 2025

**Vulcan 2025.3**  
Software Version

**32 hours**  
Duration

**Lorena Cannobbio**  
Course Presenter



**a0TUJ00001SeVsh**  
Verification Code

**<https://certificate.maptek.cl>**  
Verification Site

