



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>
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