



¿Cómo optimizar la extracción de aguas en el campo? Una mirada a los acuíferos de la región del Maule.

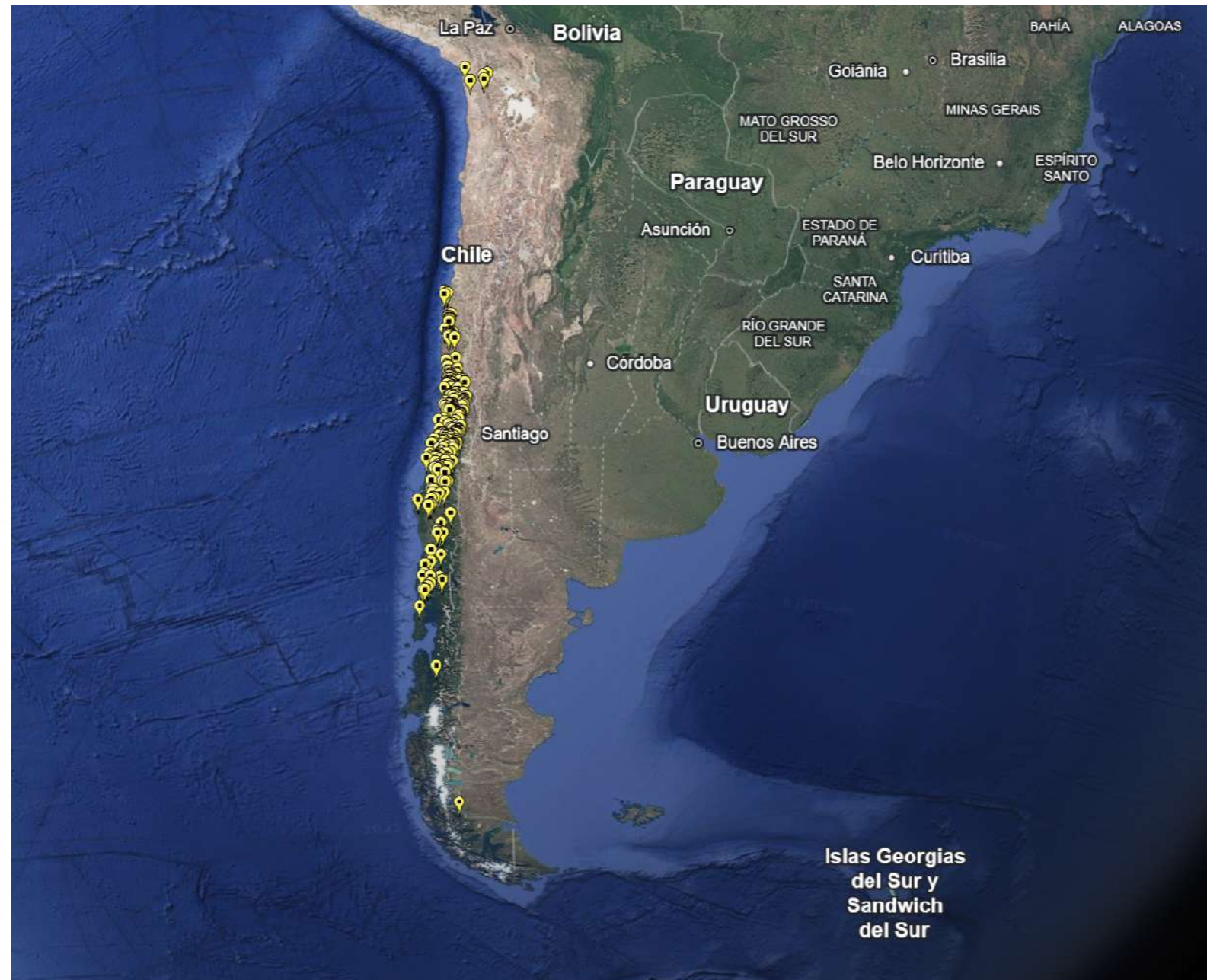
Daniel Cabrera – Geofísico – Gerente General Aquadetect

07-11-2025



Determinar la disponibilidad de agua subterráneas en predios agrícolas y su potencial de extracción para optimizar la construcción de pozos

- Caudal de extracción superior que el promedio del sector (%260)
- Disminución costos de construcción de pozo (50%)

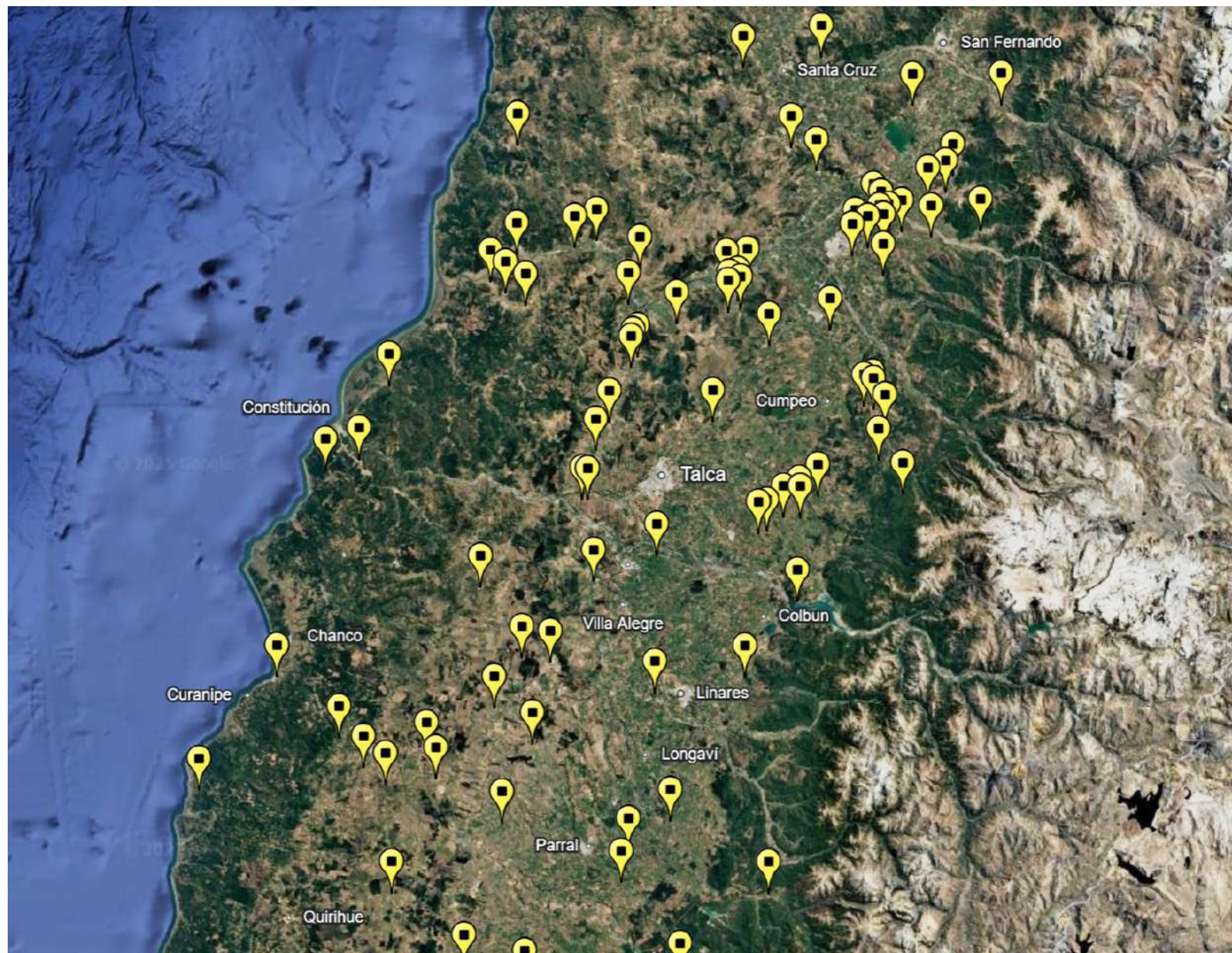


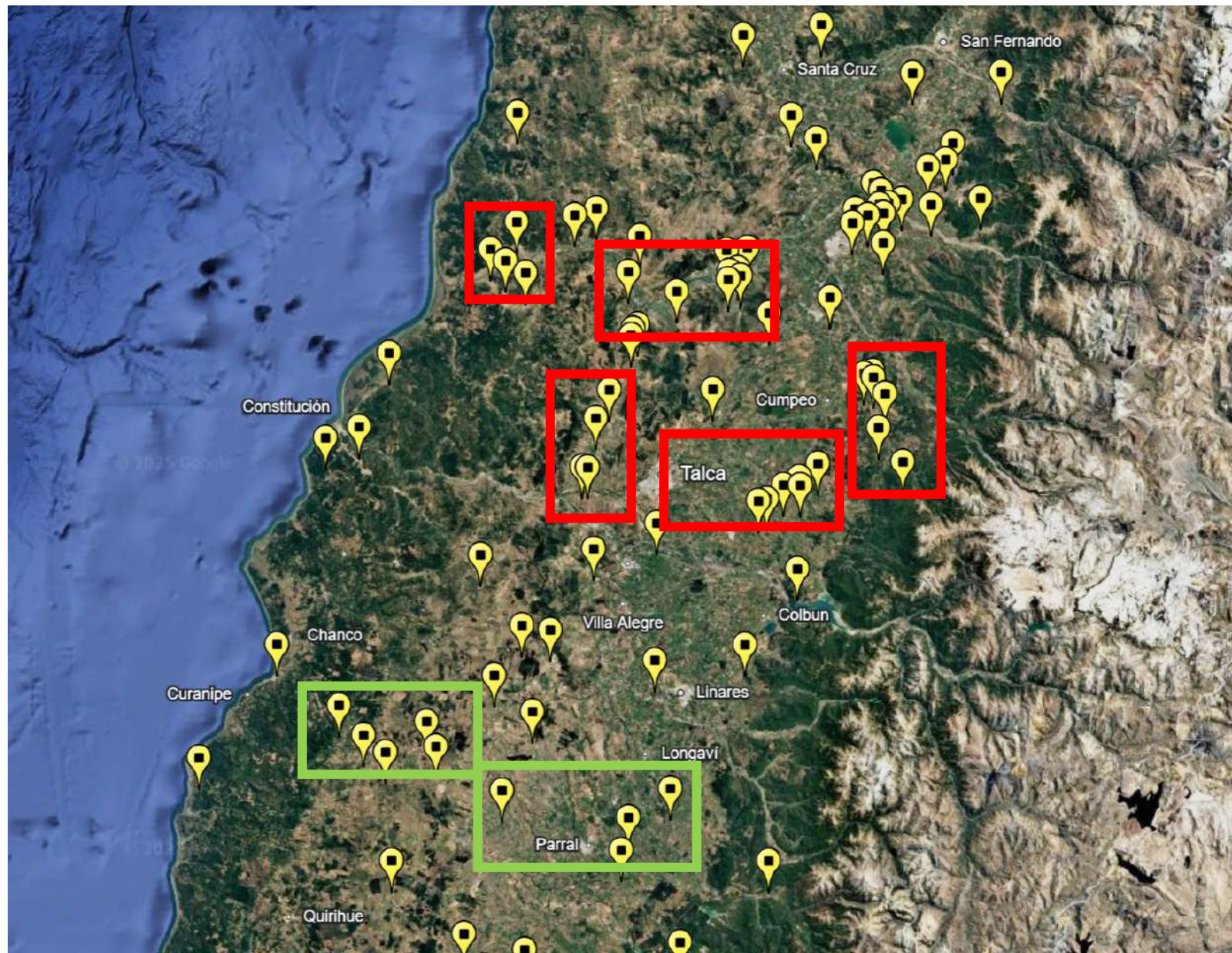


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01

Introducción

Acuíferos y potencial de extracción
Exploraciones geofísicas
Recomendaciones para construcción de pozos

02

Acuíferos Precordillera
Acuíferos Valle Central
Acuíferos Secano Costero
Acuíferos Costeros

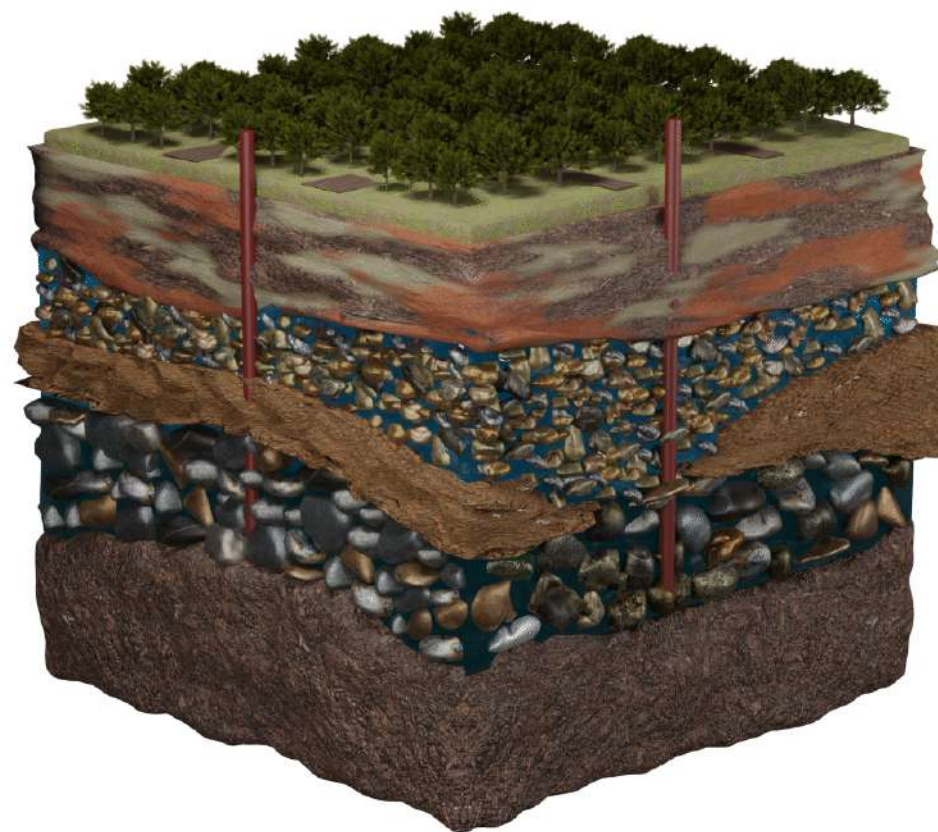
03

Conclusiones



AQUADETECT

Potencial de extracción



Tomografía de resistividad eléctrica



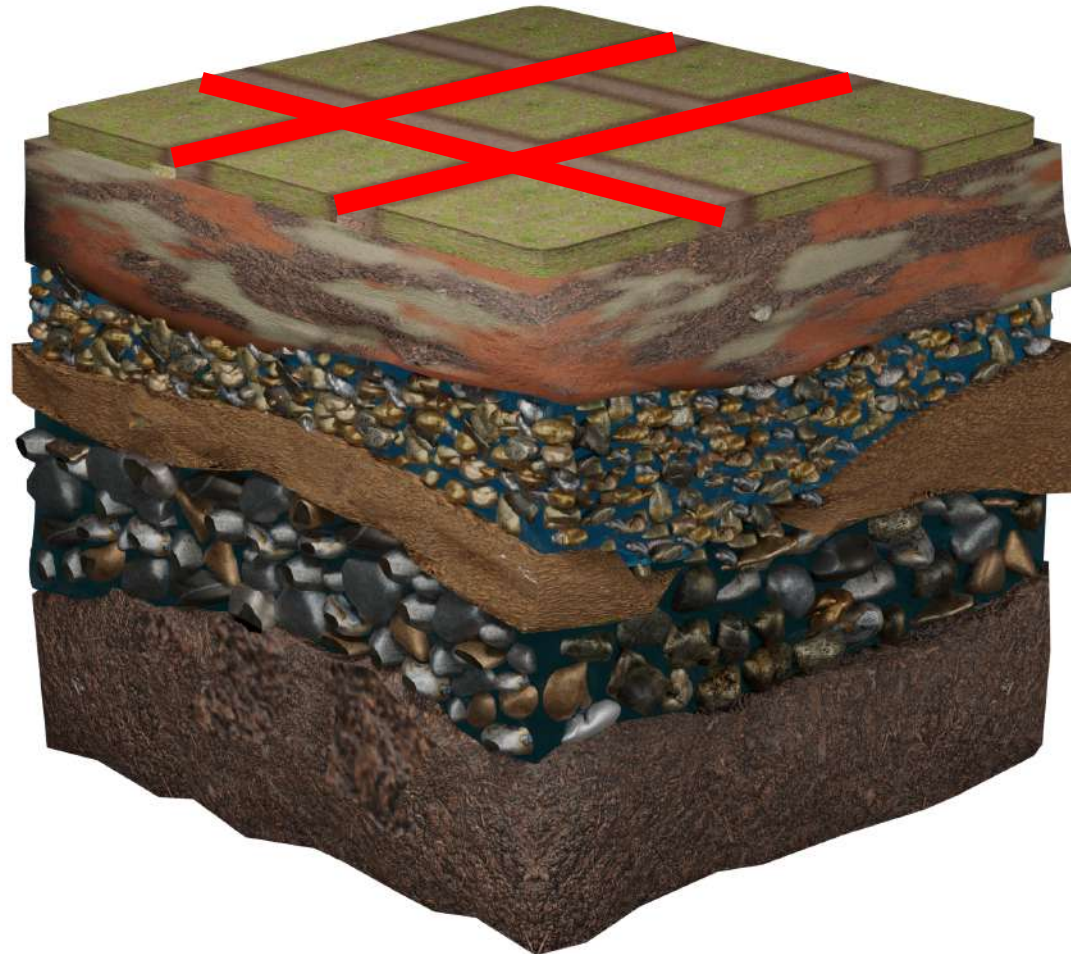
Alta

Media

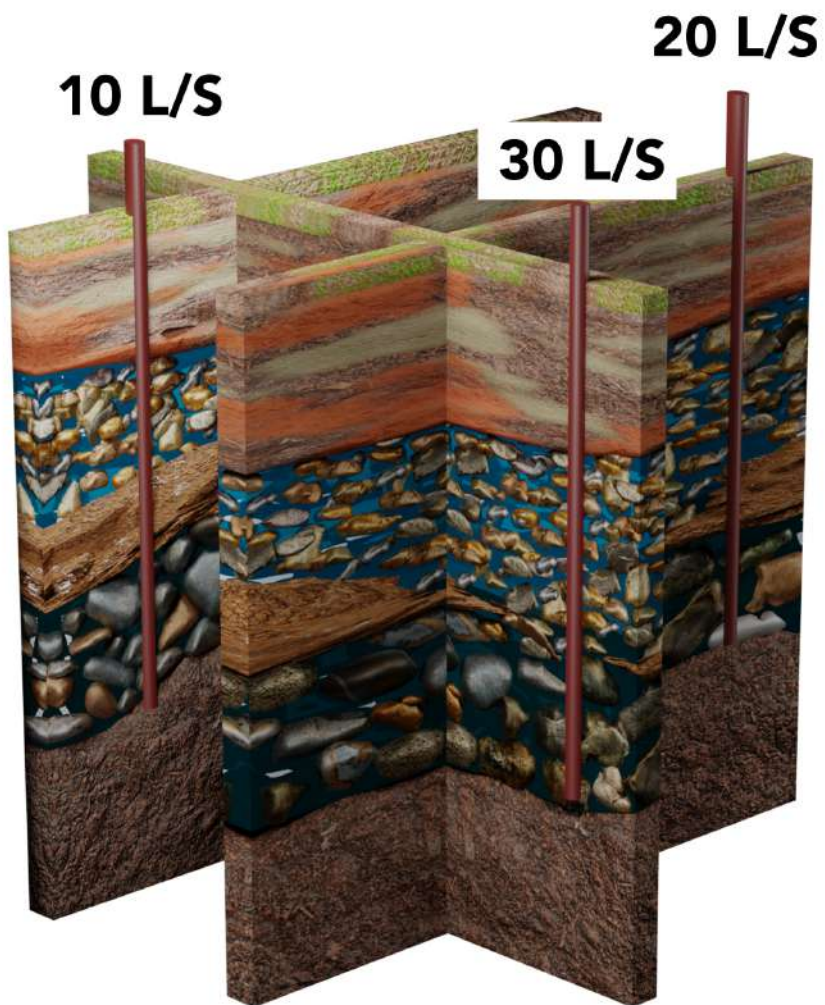
Baja

Media-alta

Muy alta

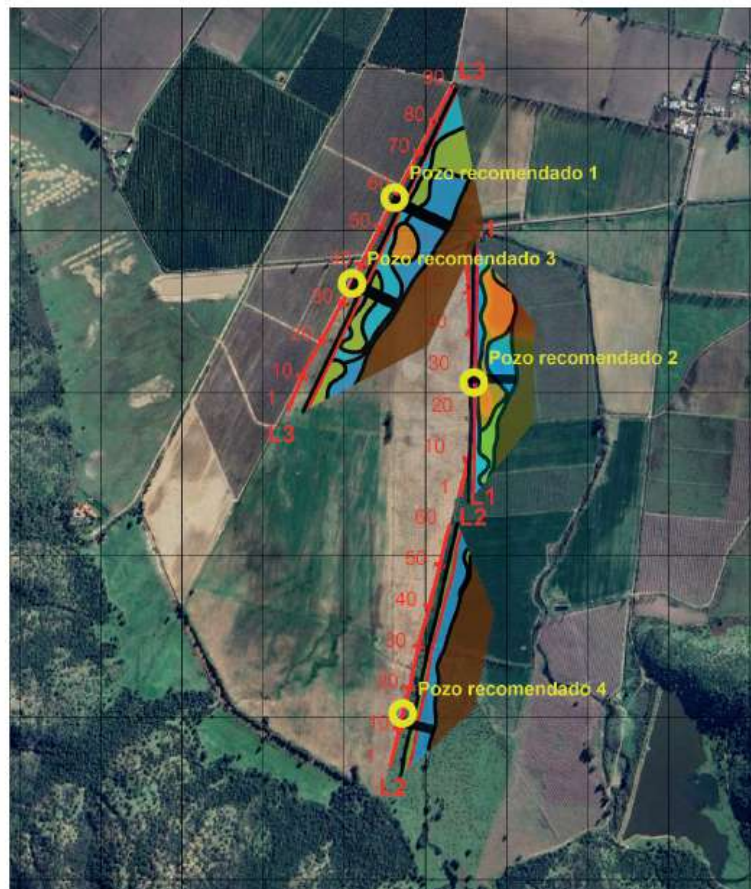
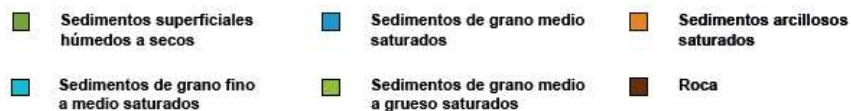
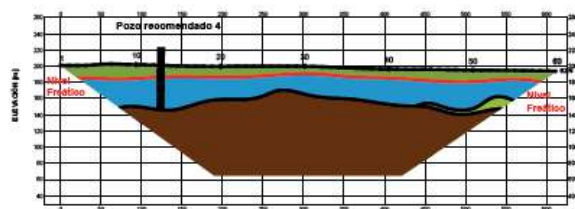
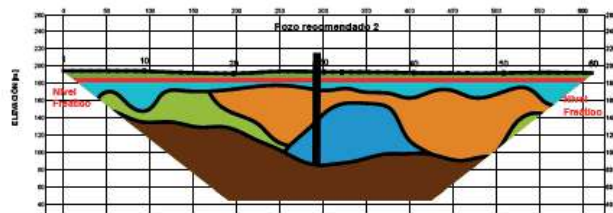
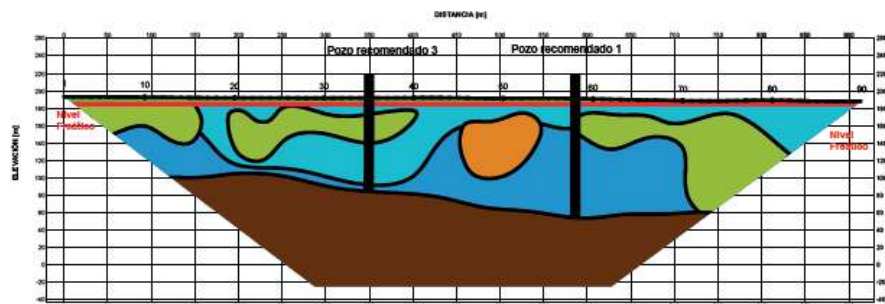


Posicionamiento de pozos



Estimación caudal: 27.5 – 45 L/s

Recomendaciones



Pozo recomendado 1

Coordenada: X
Profundidad: 140 metros
Caudal estimado: 10-15 L/s



Pozo recomendado 2

Coordenada: X
Profundidad: 140 metros
Caudal estimado: 10-15 L/s



Pozo recomendado 3

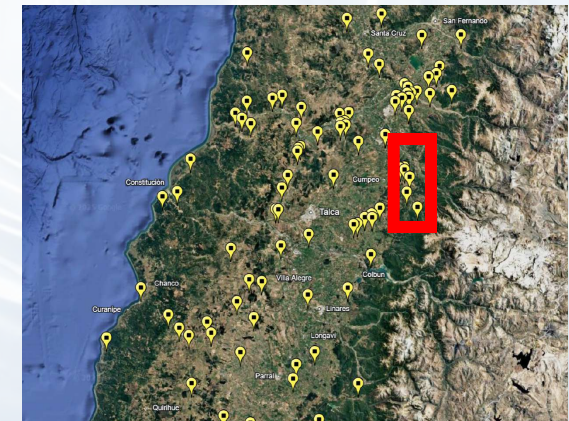
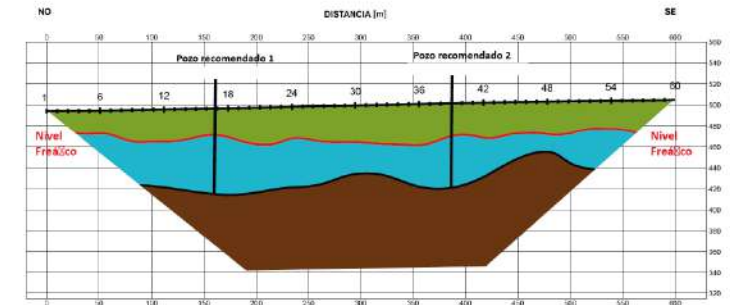
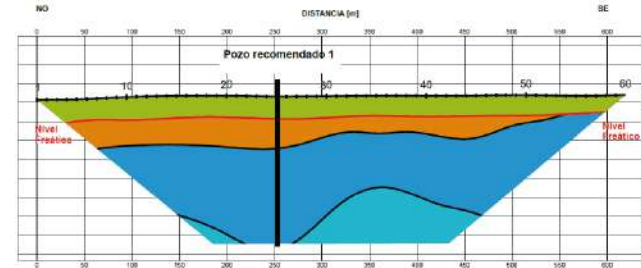
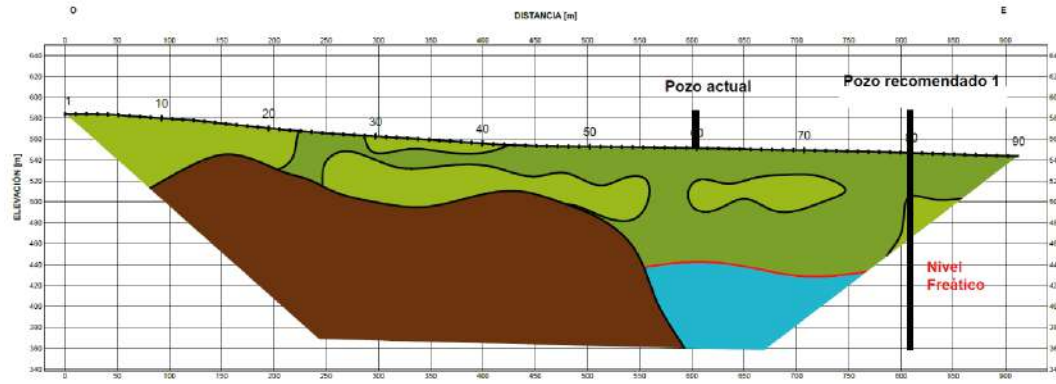
Coordenada: X
Profundidad: 110 metros
Caudal estimado: 5-10 L/s



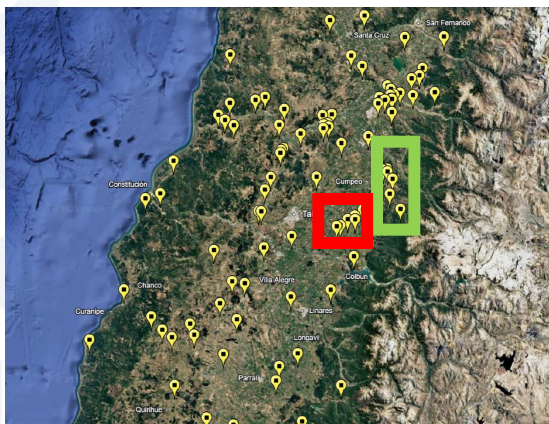
Pozo recomendado 4

Coordenada: X
Profundidad: 50 metros
Caudal estimado: 2.5-5 L/s

Bolsico

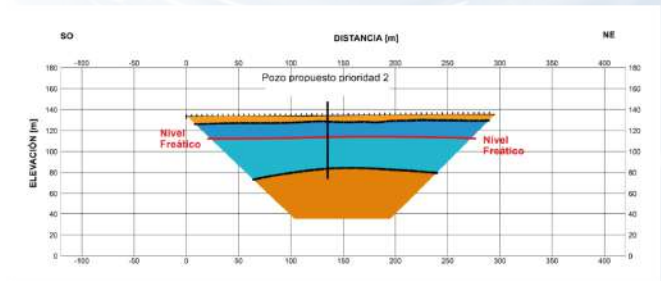
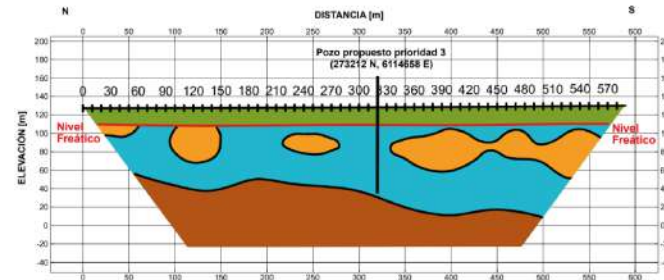
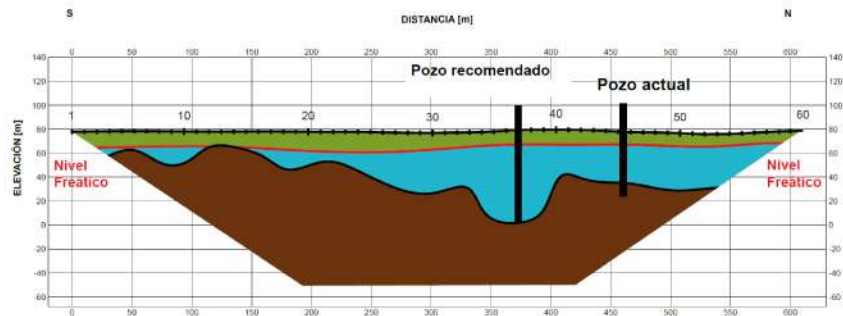
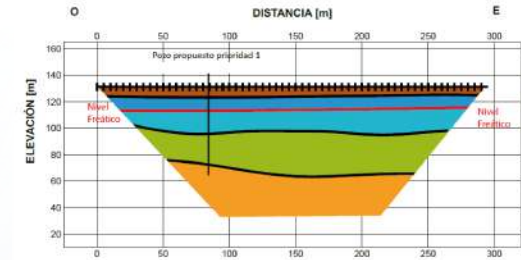
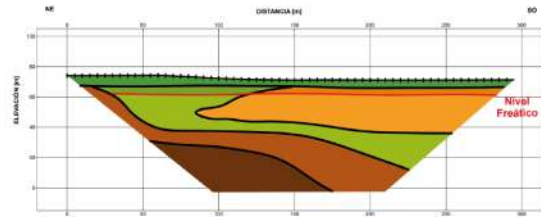
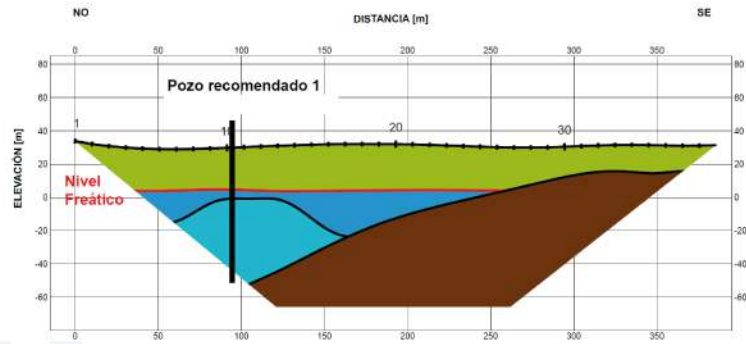
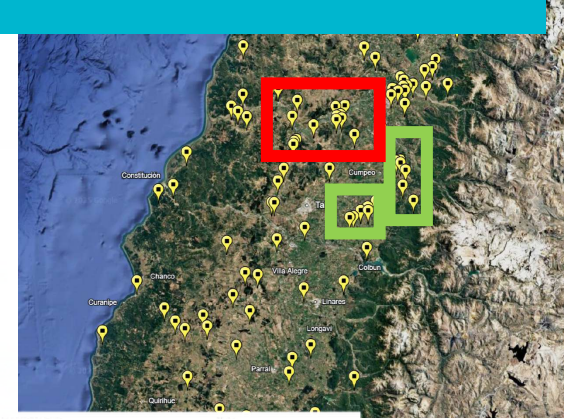


San Clemente

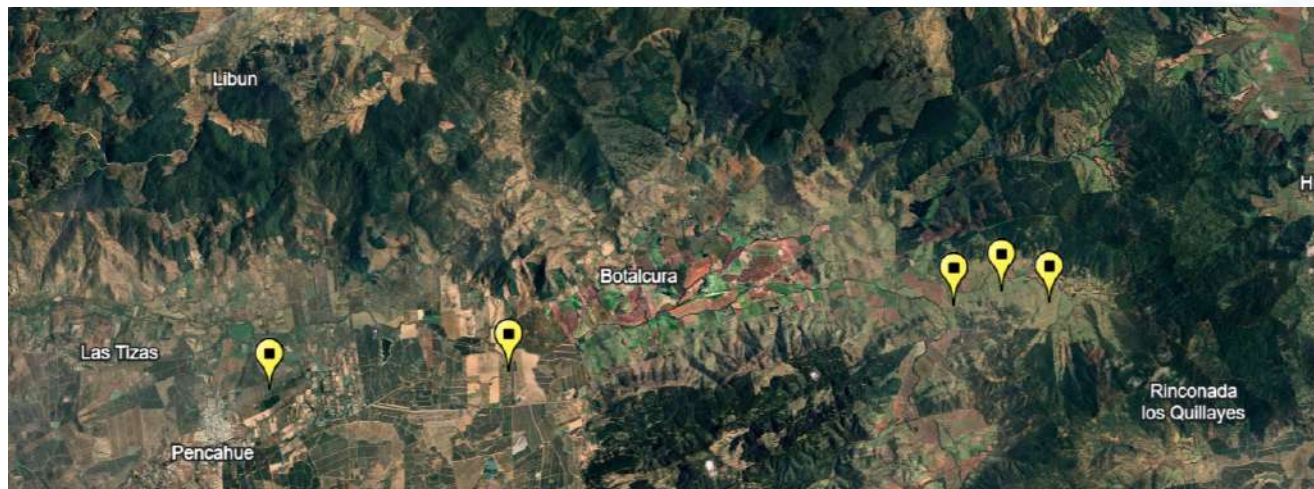
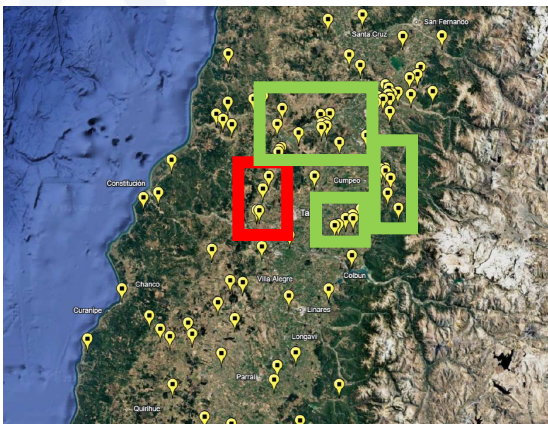
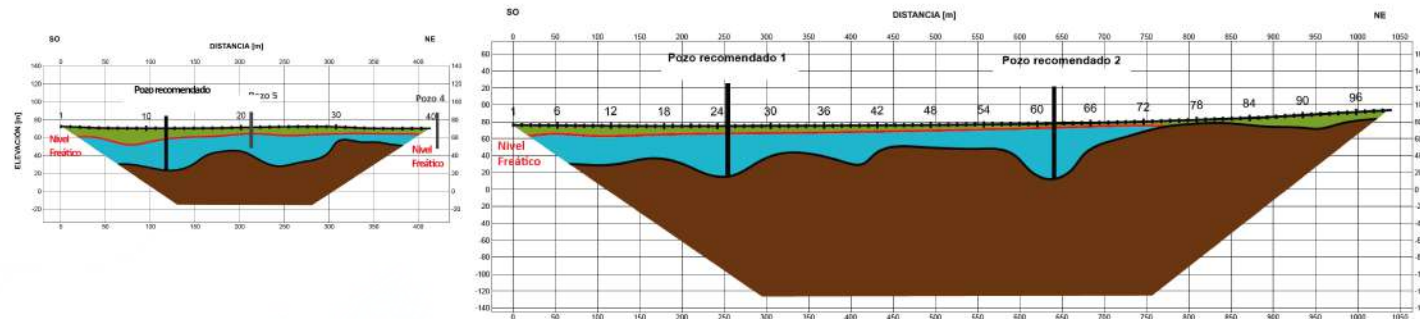
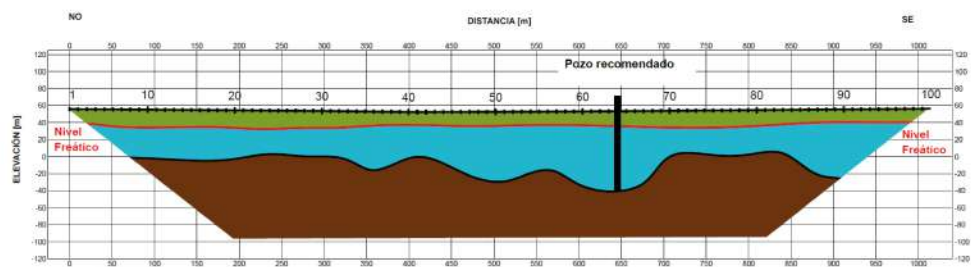


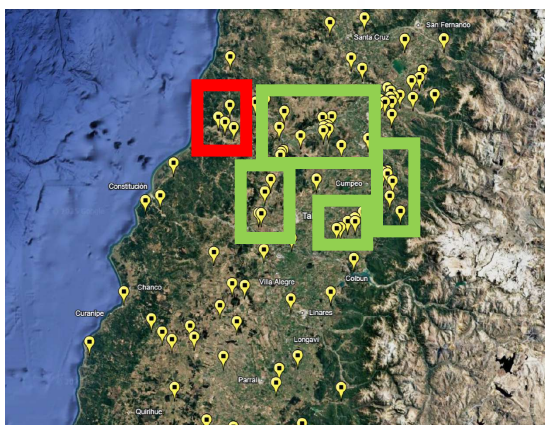
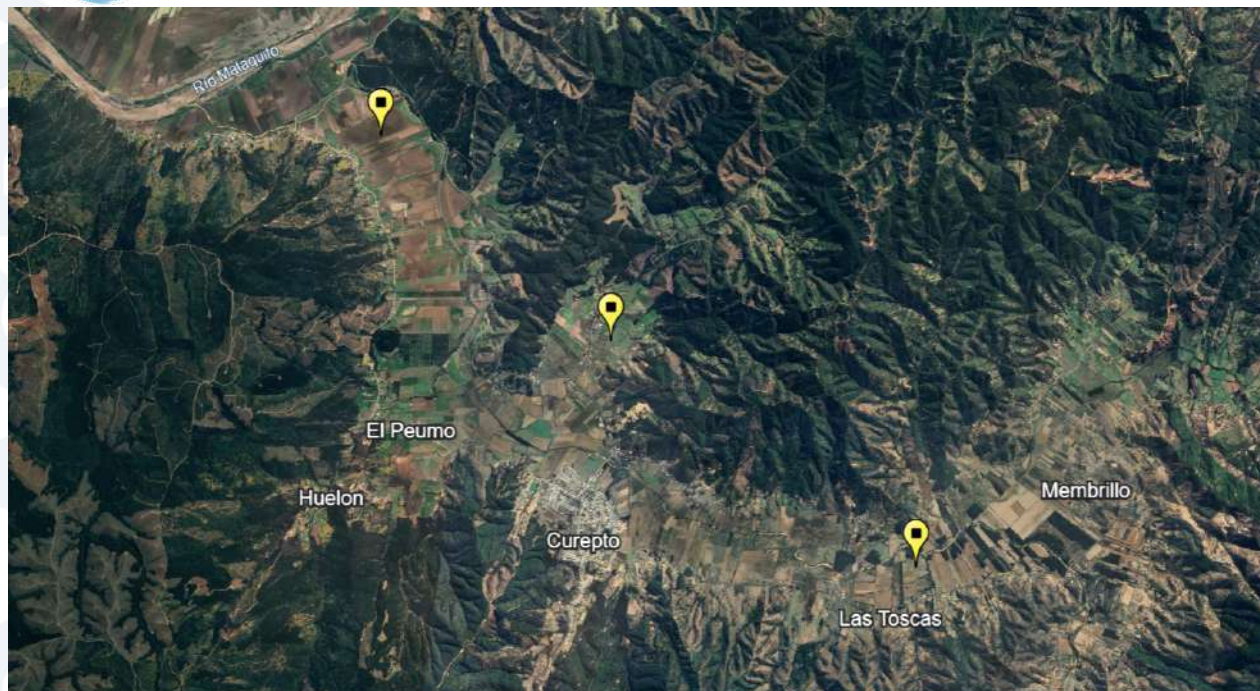


Villa Pratt

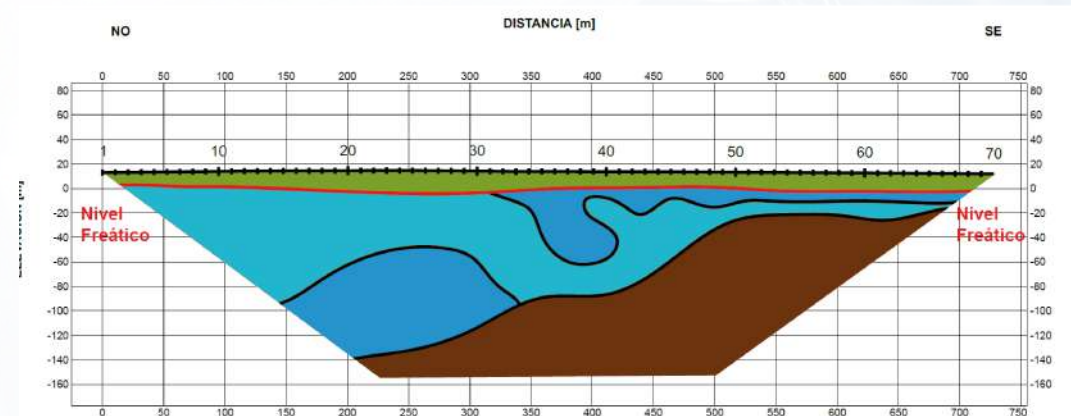
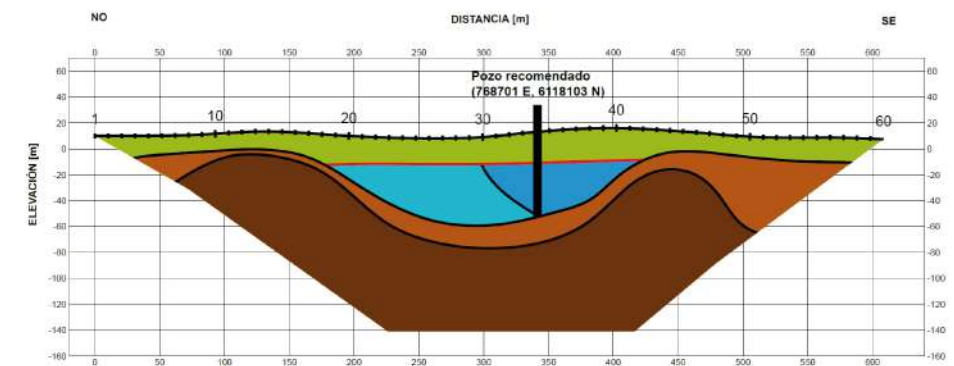


Pencahue

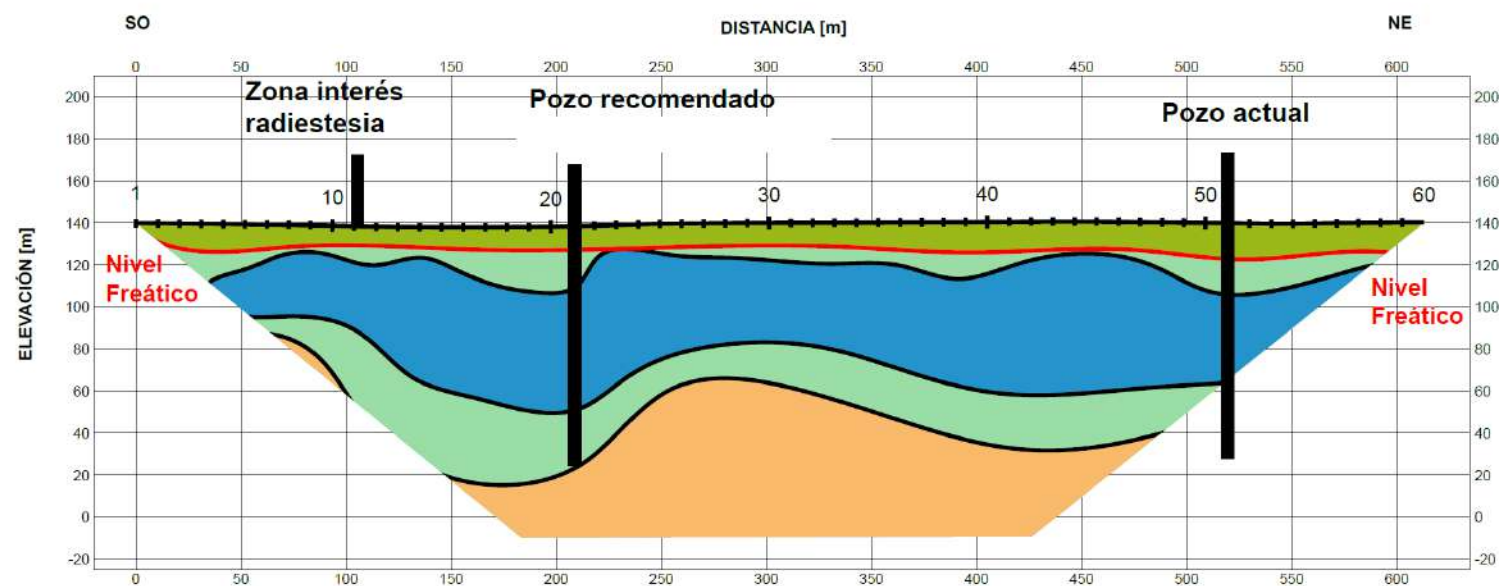
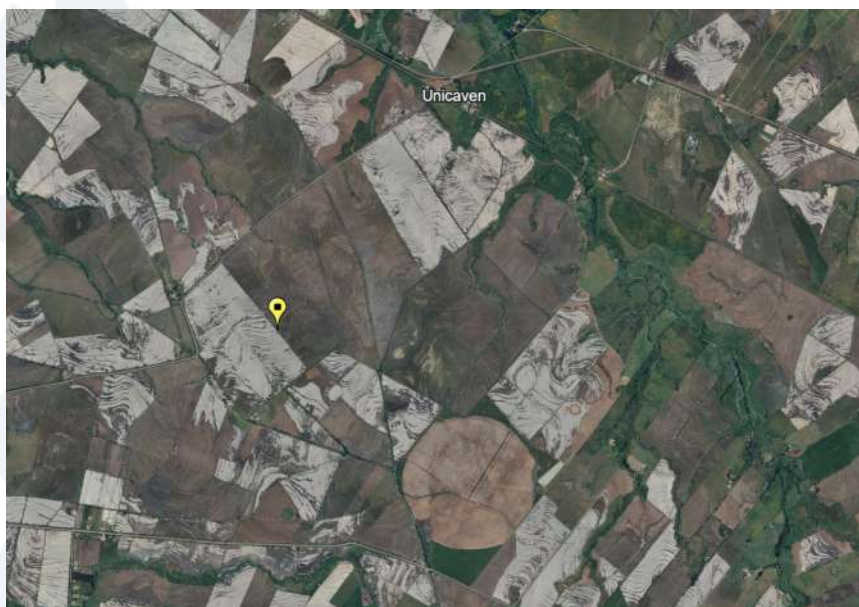




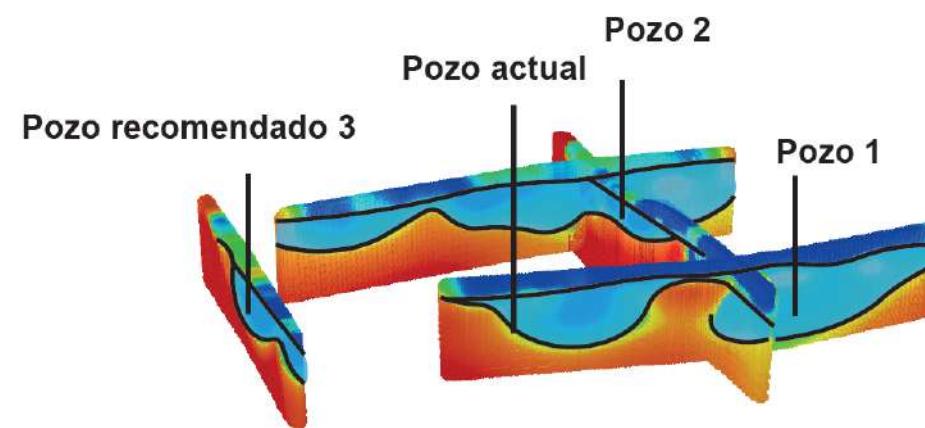
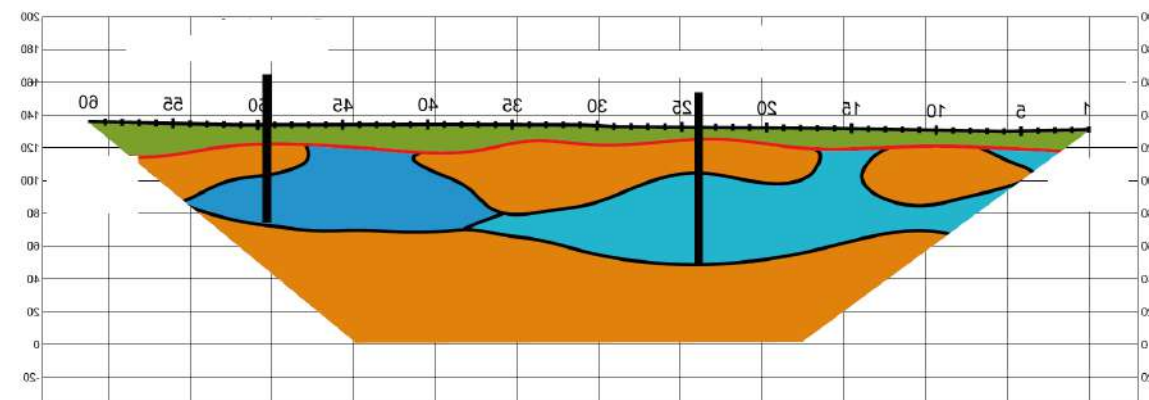
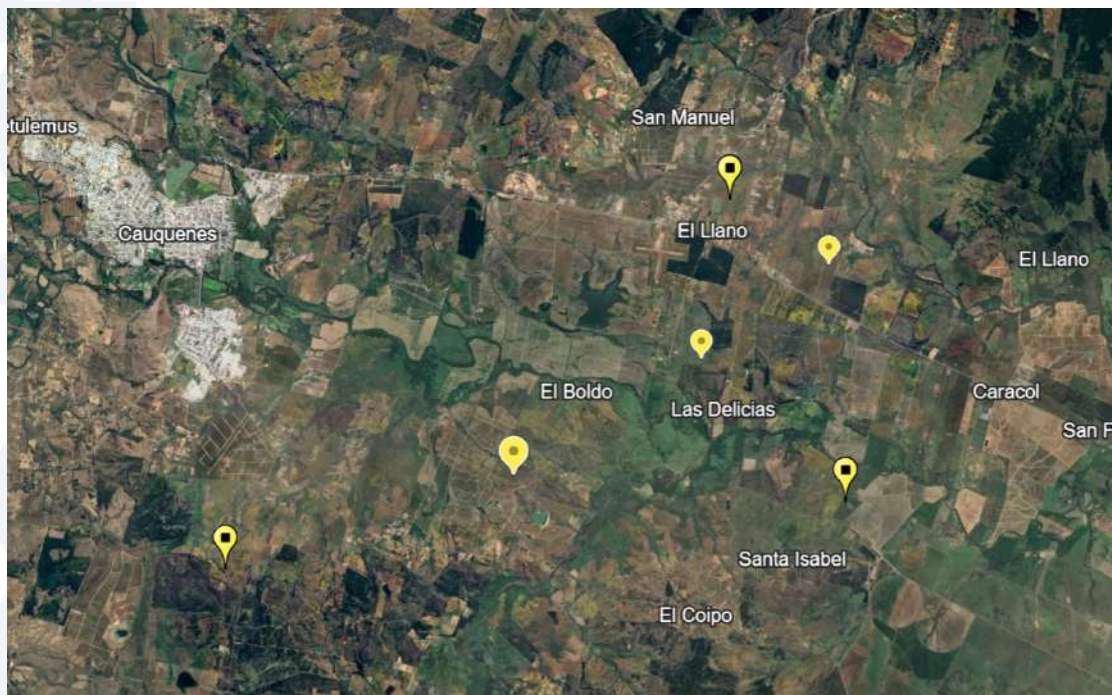
Curepto



Parral



Cauquenes



Conclusiones

Conocer el estado de los acuíferos en predios.

- **Evaluar disponibilidad de aguas subterráneas.**
- **Definir ubicación y profundidad para pozos.**
- **Maximizar la extracción de aguas**
- **Presupuestar un proyecto de extracción de aguas subterráneas.**



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