

Short Technology Description

Direct resource detection and exploration risk-reduction capability

Neutral document for preliminary investor, partner or institutional review. Not addressed to any specific recipient.

Purpose of this document

This short technology description summarizes GeoWater Tech’s claimed technical capability at a non-confidential level. Detailed methodology, validation documents, coordinates, client materials and sensitive technical reports can be provided only after execution of an NDA.

1. Technology Overview

GeoWater Tech applies an advanced geophysical and remote-analysis methodology designed to identify underground resources before major drilling, acquisition or development capital is committed. The technology is positioned as a risk-reduction and decision-support layer for water, oil, gas, metals and strategic minerals exploration.

2. Depth Capability

- The technology is designed to support resource detection at depths of up to approximately 9 km and deeper, depending on geological conditions, available input data and project objectives.
- GeoWater Tech has documented research and project materials related to oil targets in the 7-9 km depth range.
- GeoWater Tech has documented research and project materials related to water targets in the 2-3 km depth range.
- GeoWater Tech has documented research and project materials related to metals and mineral targets in the 2-3 km depth range.
- Where technically justified, GeoWater Tech can evaluate the possibility of identifying specific target resources at greater depths.

3. Resource Classes

Resource class	Capability description	Supporting evidence status
Water	Identification of prospective underground water zones, including deep aquifers and targets for water security projects.	Supporting materials can be provided after NDA.
Oil	Identification of prospective hydrocarbon zones, including deep targets and areas requiring de-risking before drilling.	Supporting materials for 7-9 km oil-related work can be provided after NDA.
Natural Gas	Identification of prospective gas-bearing zones and support for drilling-location optimization.	Supporting materials can be provided after NDA.
Metals / Minerals	Detection and prioritization of target zones for metals and strategic minerals.	Supporting materials for 2-3 km metals-related work can be provided after NDA.

4. Hard Rock and Complex Geology Capability

- The technology is intended to support detection of water, oil, gas and metals even within hard-rock environments, including crystalline formations such as granite.
- The methodology is applied as a resource-specific detection and interpretation process rather than only a conventional structural-mapping approach.
- Project-specific feasibility depends on geology, input data quality, target type, depth and validation design.

5. Onshore and Offshore Application

- GeoWater Tech can conduct studies for onshore territories, including deserts, mountains, industrial areas, undeveloped lands and licensed exploration blocks.
- GeoWater Tech can also evaluate offshore and nearshore areas, including coastal zones, shelf areas and marine exploration targets, subject to data availability and project requirements.
- Offshore work may be used as a preliminary screening and de-risking layer before field-intensive marine surveys, drilling or capital-intensive development decisions.

6. Non-Confidential Workflow

Step	Activity	Output	Confidentiality level
1	Define target resource and study area	Project scope and data request	Non-sensitive
2	Remote resource screening and technical analysis	Preliminary prospective zones	Sensitive
3	Depth and target prioritization	Priority locations and depth intervals	Sensitive
4	Optional ground or third-party validation design	Validation protocol / drilling decision support	Sensitive
5	Commercial next-step recommendation	Pilot, SPV or development pathway	Business confidential

7. Confidentiality Notice

NDA required for evidence package

The technology, methodology, historical technical reports, detailed validation materials, project coordinates, client references and sensitive case evidence are confidential. GeoWater Tech can provide supporting documentation after NDA and appropriate counterparty verification.