



# NEW WATER BOREHOLE DISCOVERY TECHNOLOGY





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## NEW WATER BOREHOLE DISCOVERY TECHNOLOGY

Zander Agro offers services on water borehole discovery in hard-to-reach territories (granite, hills, deserts etc.) by using a new, unique technology for water borehole discovery that unites scientific methodology and exclusive software and hardware tools.

This new technology determines borehole location and drilling depth in the laboratory conditions based on the specific parameters and measurements provided by qualified field specialists.





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## **NEW WATER BOREHOLE DISCOVERY TECHNOLOGY**

### **Why our technology?**

- ✓ More than 95% success rate of water borehole research missions
- ✓ Fast 2 days water discovery based on proven scientific methodology
- ✓ Water boreholes research in hard-to-reach territories (granite, hills, deserts)
- ✓ Finding the water boreholes in locations where your previous contractor gave up
- ✓ Guaranteed water source capacity - in case discovered source capacity lowers over 30% within 3 years after services were performed - we either reboot drilling pinpoint, or find new water drilling point in up to 1 km area.
- ✓ You pay only if:
  - Engineers found water boreholes and defined drilling depth;
  - After the drilling phase – discovered water source potential is no lower than 100 water cubic meters daily or over than 90 % from initially foresaid.

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## Procedure and working process



### Pre-planning

Signing agreement  
Calculating water  
demand Researching  
water logistics

### Water borehole discovery and report

2 dedicated onsite  
engineers Defining  
drilling pinpoints and  
depth Execution in 2-3  
days Finding 2  
extraction points

### Quotation for drilling work and obtaining abstraction license

Client obtains all  
necessary equipment,  
and all necessary  
permits.

### Drilling

2 days Drilling depth  
300+ meters Drill  
diameter 300 mm, air  
compressor technology

### Drilling pinpoint audit

On detection of water,  
capacity is evaluated  
using pump tool and  
compared to the initial  
forecast

### Water source furnishing

2-3 days Furnishing to  
be provided by Client  
according to our  
requirements





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## NEW WATER BOREHOLE DISCOVERY TECHNOLOGY

**Case study # 1, year 2016**

**Country:** Bavaria, Germany

**Location:** Granite, Hill



**Background:** With the previous company the Client had 4 empty water boreholes up to 118 meters deep at the top of the mountain. Forecasts of the other drilling companies were negative, and the client was about to finish water mining.

**Result:** Water source of 22 meters, 47 meters away from the previous empty borehole was founded. That provided stable water supply of 200 cubic meters daily.



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## NEW WATER BOREHOLE DISCOVERY TECHNOLOGY

**Case study #2, year 2017**

**Country:** Bavaria, Germany

**Location:** Granite, Hill



**Background:** Client had a 67 meter deep empty water borehole and was considering finishing water mining due to negative forecasts from previous water mining company.

**Result:** The water source on the depth of 17 meters, 25 meters away from the previous empty borehole was founded. Water supply – 175 cubic meter daily.



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## NEW WATER BOREHOLE DISCOVERY TECHNOLOGY

**Case study # 3, year 2018**

**Country:** Kingdom of Saudi Arabia

**Location:** Desert



**Background:** Forecast of the geologists companies were negative, and the client was about to finish water mining. Driller was pessimistic regarding any water sources on the territory.

**Result:** First artesian water on the depth of 43 meters was found, as forecasted. Water supply source - 1000 cubic meter daily discovered at 150 m depth.



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# OUR CONTACTS



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