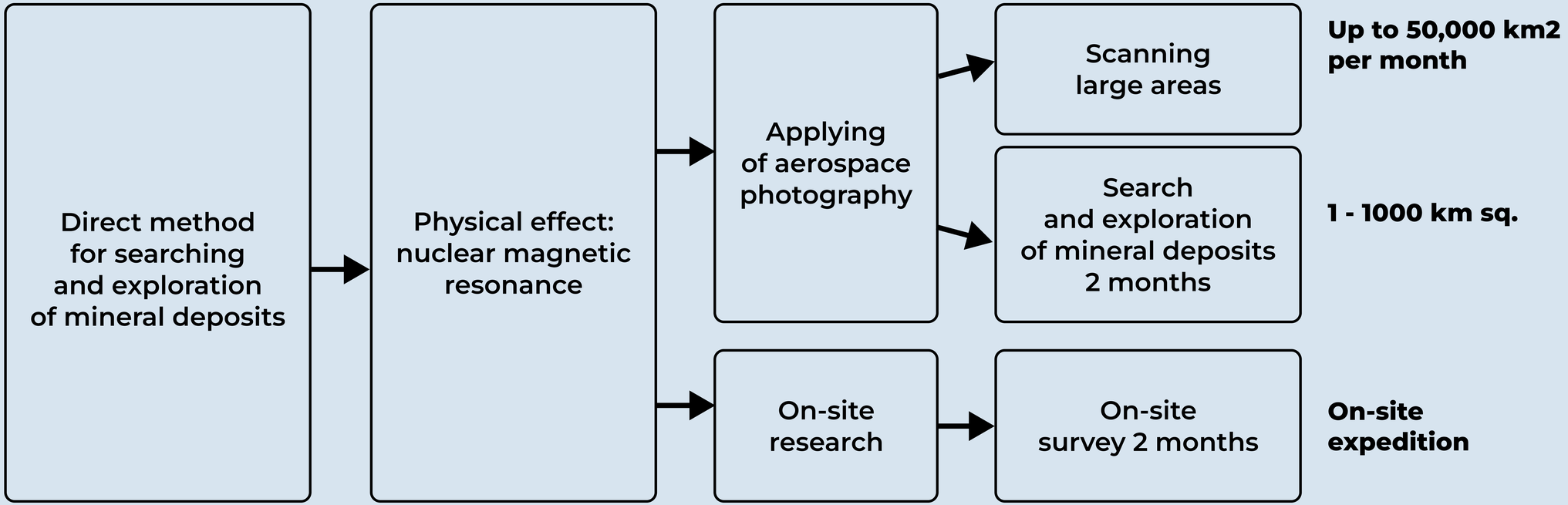
RC GEO VISION

An innovative technology for remote, direct search and investigation of mineral deposits

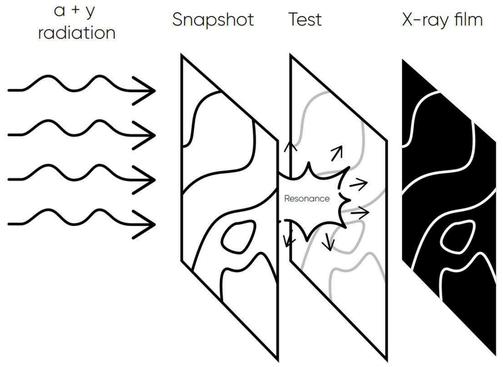
An innovation in EXPLORATION TECHNOLOGY

CLASSIFICATION



General concept of the technology

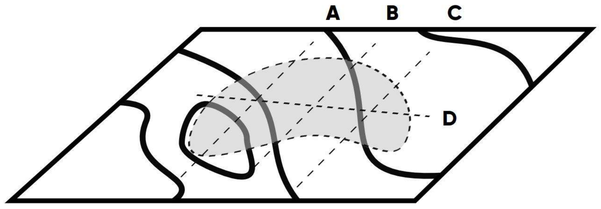
Previously, the spectrum of the desired substance in recorder on special test plates.



Space images

Test plates are used as a resonator in the radiation-chemical processing of analog satellite images of the territory obtained in the infrared range.

The result - is a direct visualization of the ground contours of the deposits and depth dimension.



Ground expedition

Point-to-point resonance sounding of the area:
clarification of the contours of the deposit, obtaining longitudinal and cross sizes. Selection of optimal drilling points, calculation of forecast reserves.

Test plates are used for spectral modulation of transmitter radiation.

Technology Capabilities

DIRECT GEOLOGY

Application territory -
without limitations
land or shelf

Survey area -
up to 50 thousand
square km per month

Survey depth -
from 0 to 5 km

Sought-after minerals -
oil, gas, gold, iron
and other metals,
rare earth, water

Potency -
more than 90%

Environmental safety -
the method is completely
safe for humans
and the environment

Search duration -
from 1 to 3 months

Thus, the “direct” identification of minerals ensures high exploration eciency in a short duration and low operational cost.

Services are provided in the following format:

Remotely (4 options)

On-site (2 options)

On the ground (2 options)

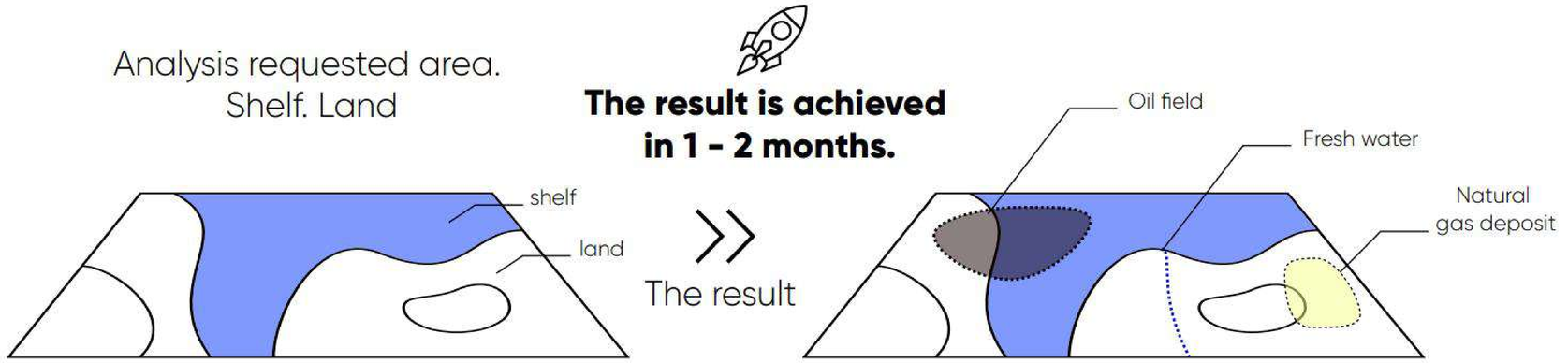
Tasks to be solved:

Analysis allows you to quickly assess the prospects of large areas

Rapid identification of hydrocarbon deposits and pools in large areas, gold and other metals and minerals, underground fresh water.

Determination of ground contours of deposits, estimation of the number of horizons and their probable depths.

Analysis of territories and blocks is carried out on areas up to 50,000 km2. per month



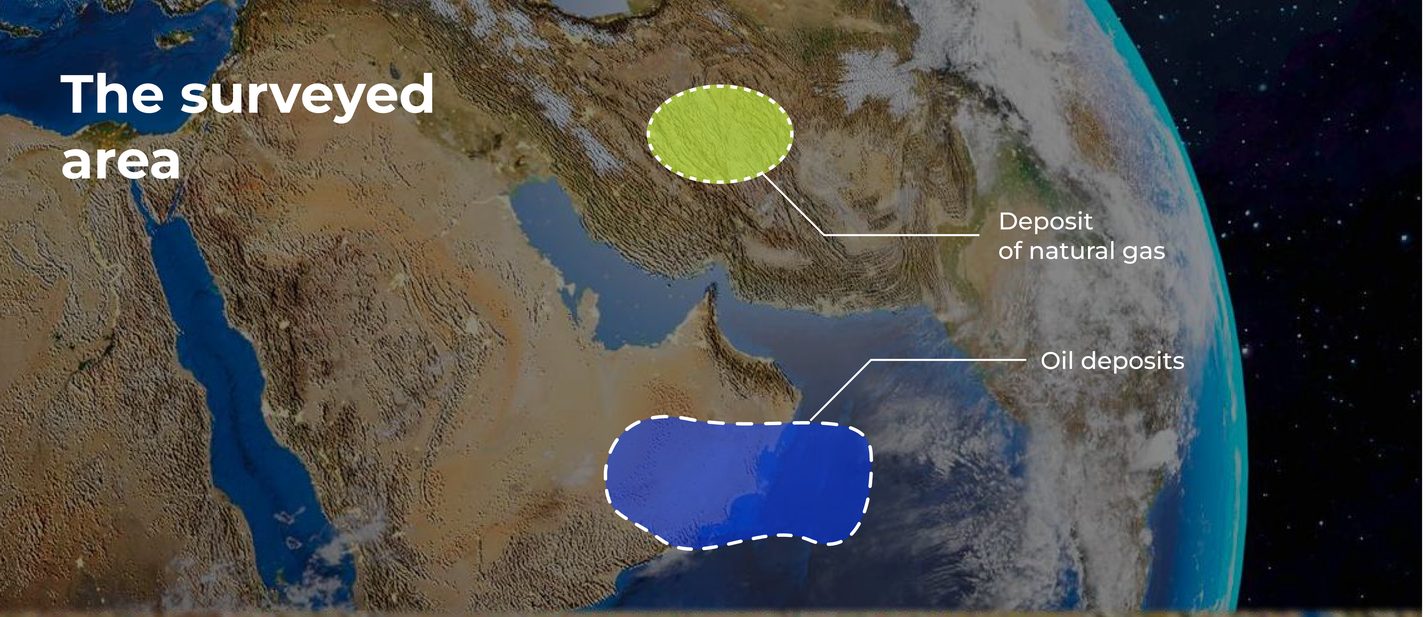
Rapid analysis of territories

Remote site inspection

Creation of a minerals map

Well survey

Remote survey Options:



Remote exploration of the area:

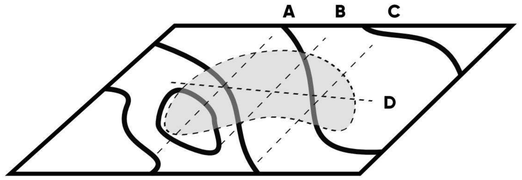
1. Detection, localization and ground contouring of deposits
2. Identification of the number of horizons of deposit
3. Dimension of the depths of the horizons
4. Calculate the thickness of each horizon
5. Assessment of reservoir rocks
6. Calculation of forecast deposits reserves

Obtainment of mineral deposits map

Mapping of deposits of various mineral in large areas of land and shelf

Survey results:

presence or absence of deposit of the sought-after mineral in a drilling point (or close to it), if “yes” then the following is defined



ground contours of deposit, number of horizons

occurrence depth and expected thickness of horizons

Drilling point

N°, E°

Remote control examination wells and points under drilling

The results are achieved in 1 months

Work on the ground

expedition

Resource Exploration

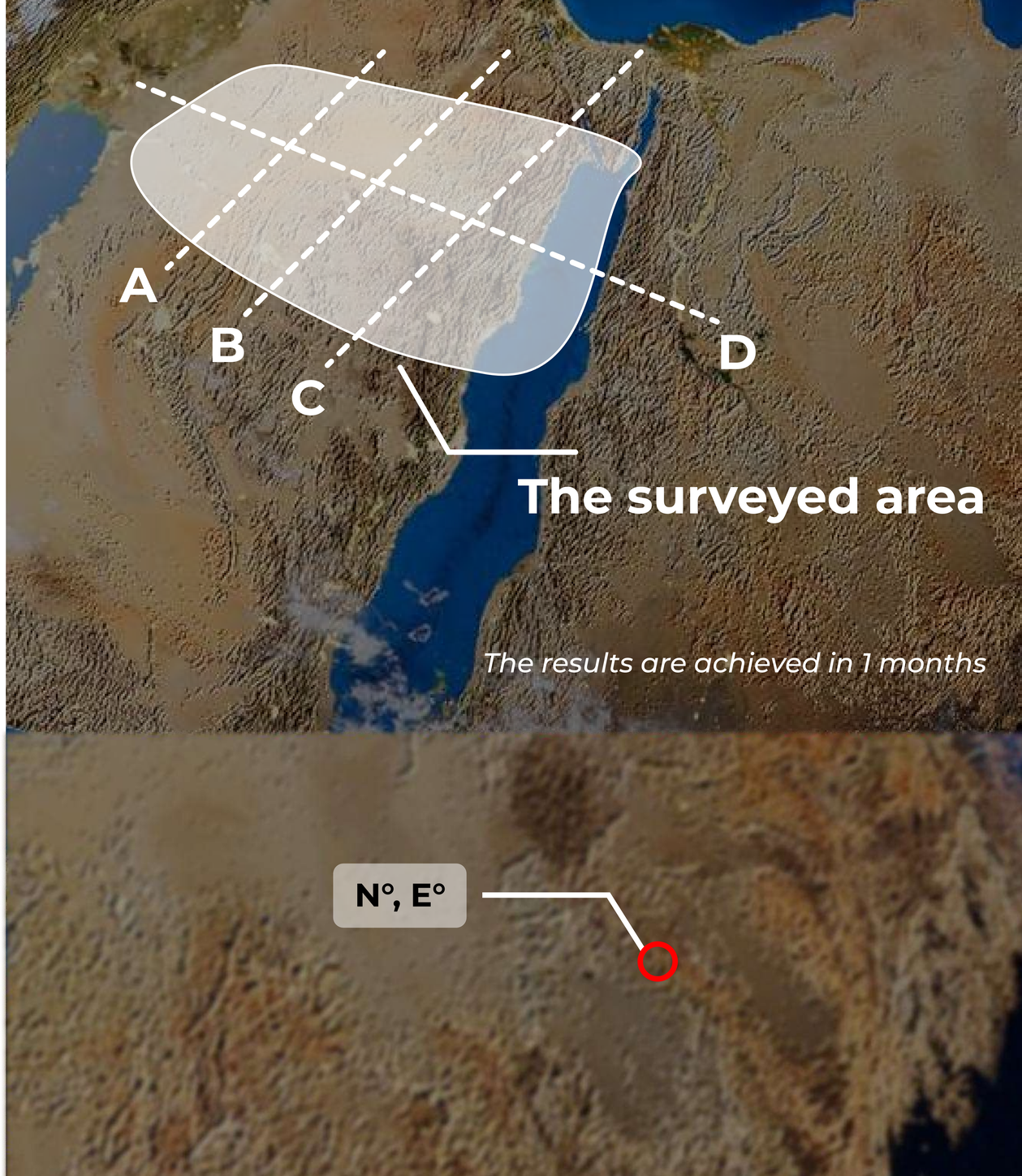
Tasks to be solved:

1. Clarification of the ground contours of the reservoir and clarification of the depths of horizons and their thicknesses, assessment of reservoir rocks and tires.
2. Determine the number of horizons of the deposit, occurrence depths and thickness of each horizon.
3. Construction of geological sections of deposit.
4. Determine optimal drilling points.
5. Identification of gas caps in horizons, calculate power and pressure in them, assessment of reservoir rocks.
6. The calculation of predicted reserves of deposits.

Field Wells Survey

Identification of desired substance at the drilling point

Determination of quantity of horizons, depths and thicknesses, gas pressure, type of reservoir and cup



Features of the ground work

Depth sounding of a deposit performs point wise, using a narrowly directed spectrally modulated signal, that causes resonance in the desired substance.

The ground work is absolutely safe for people and the environment.

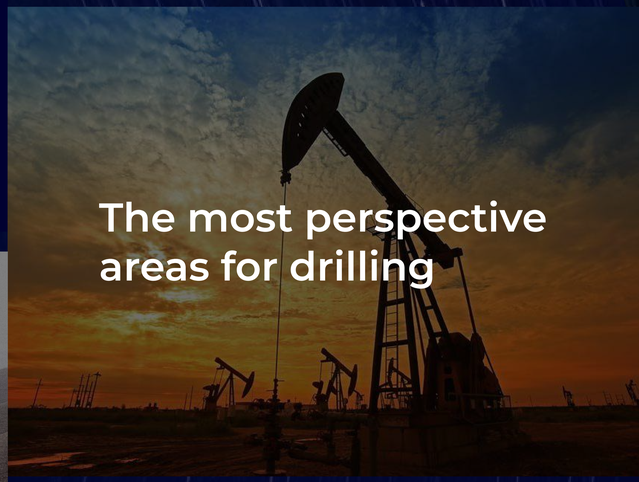
The transmitting part of mobile equipment complex

Upon completion of the work, the Customer is provided with a report that contains the following data

Map of the area with the boundaries and contours of the identified deposits plotted on it

Coordinates of ground contours of deposits

The quantity of horizons in the deposits and the depth of each horizon



The most perspective areas for drilling

Powers of horizons and forecast reserves

THE TECHNOLOGY IS PATENTED IN GERMANY AND ALREADY IS USED IN MANY COUNTRIES

Efficiency of deposits discovery

Methods	Work Performed	Results (For area about 1000 sq km)		
		Potency	Duration	Average number of drillings
Traditional Methods	Space shooting Geological prospecting Geophysical works	About 30%	2-3 years at least	6
Innovative RC GeoVision Technology	Remote survey and exploration On-site works	More than 90%	1-2 months	1

Comparison with 3D seismography

#	Parameters	3D seismography	RC GeoVision Technology
1	Construction of 3D models	+ (anomalies)	+
2	Minerals Identification	---	+
3	Identification of gas caps in oil horizons	---	+
4	Gas pressure determination in gas caps	---	+
5	Identification of existence of migration layer fluids	---	+
6	Gas pressure determination in gas horizons	---	+
7	Possibility to work in any climate and geology conditions, any area	---	+
8	Environmental friendliness	---	+

RC GEO VISION

Application of the innovatie technology allows to obtain a significant economic effect and reduces the term for obtaining survey result on perspective areas of mineral deposits by more than 10 times

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