Project Novonikolaevka: Hydrocarbon Discovery & Delineation

Executive Technical Briefing: Stage I & II Resonance Exploration Findings

Work developed before 2018 using the 2 stages system
Stage one lab stage 2 ground verification
Now re emplaced by 100% lab work

ООО «Группа поиск»
Представитель Севастопольского
Национального Университета
Ядерной Энергии и Промышленности

Ковалеву Николаю Ильичу

Заключение

на выполненную работу по теме:

«Поиск и оконтуривание углеводородных аномалий на участке площадью около 32 км² (п. Новоникола[illegible]) с применением аппаратуры геокосмических и дистанционных технологий»

Работы выполнялись в ноябре-декабре 2014 года Севастопольским [illegible] университетом ядерной энергии и промышленности по заданию ГУП РК «Черноморнефтегаз». По окончанию работ в ГУП РК [illegible]морнефтегазоисполнители предоставили отчет в котором приведены результаты поисково-оценочных работ по поиску углеводородных аномалий на участке Поворотного газоконденсатного месторождения. Отчет содержит [illegible] страницы текстового материала, 5 приложений (снимки, карты, таблицы и [illegible]).

Исследования выполнены с применением дистанционных геокосмических технологий (ДЗЗ), аппаратуры дистанционного геофизического компл[illegible] аппаратуры электрора[illegible] магнитного резона[illegible] сверхвысокочастотных [illegible] возбуждения углеводор[illegible]

В результате [illegible] геокосмических средс[illegible] оконтурена газовая за[illegible] района работ.

Prepared for:
Chernomorneftegaz

Conducted by:
Sevastopol National University
of Nuclear Energy and Industry

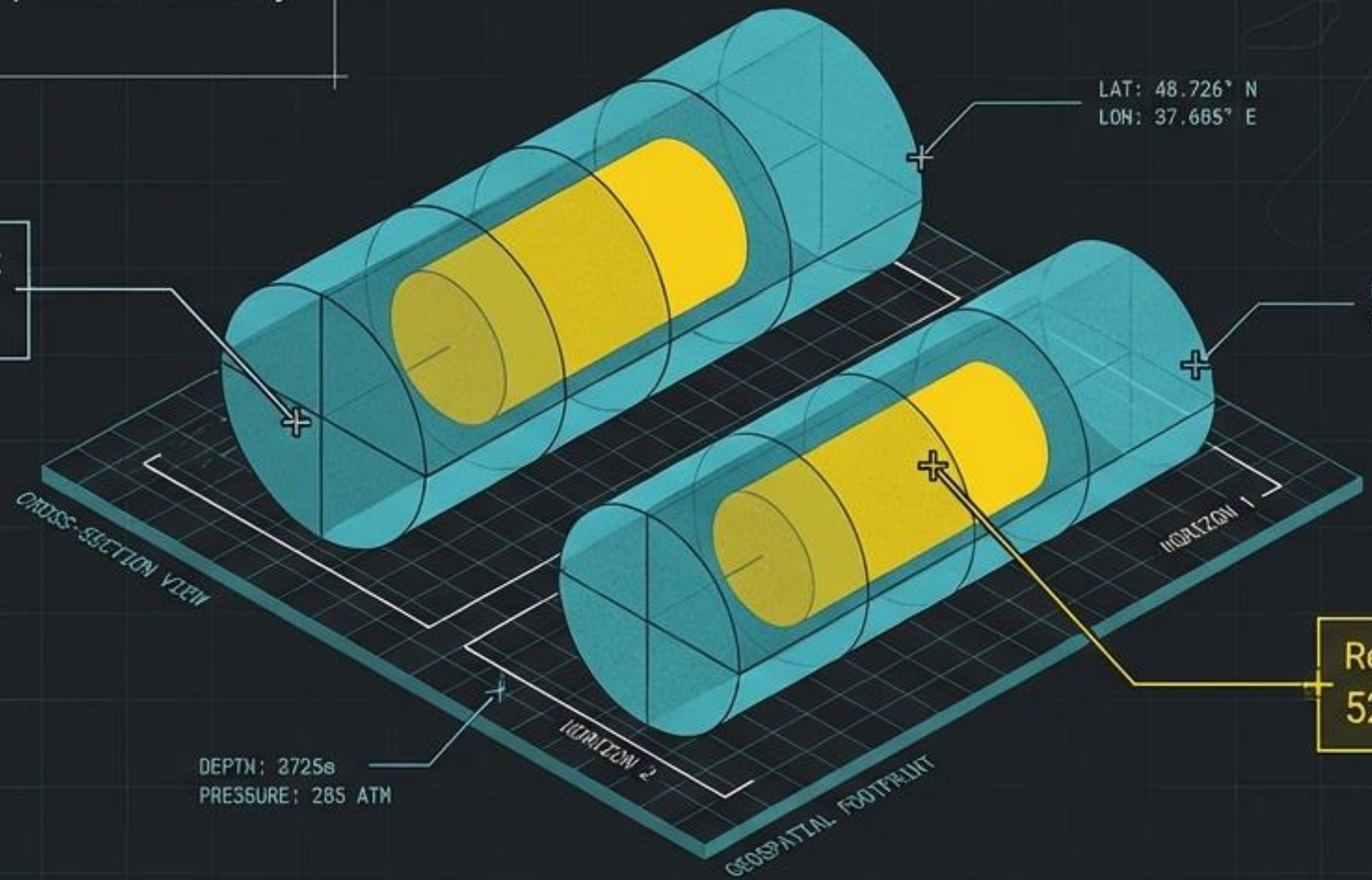
GROUP POISK

СЕВАСТОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

Verified Commercial Reserves in Novonikolaevka

Stage II field telemetry confirms a highly localized, dual-horizon gas deposit structurally defined as an anticline fold.

Forecast Volume (V_{PROG}):
730.24 Million m^3

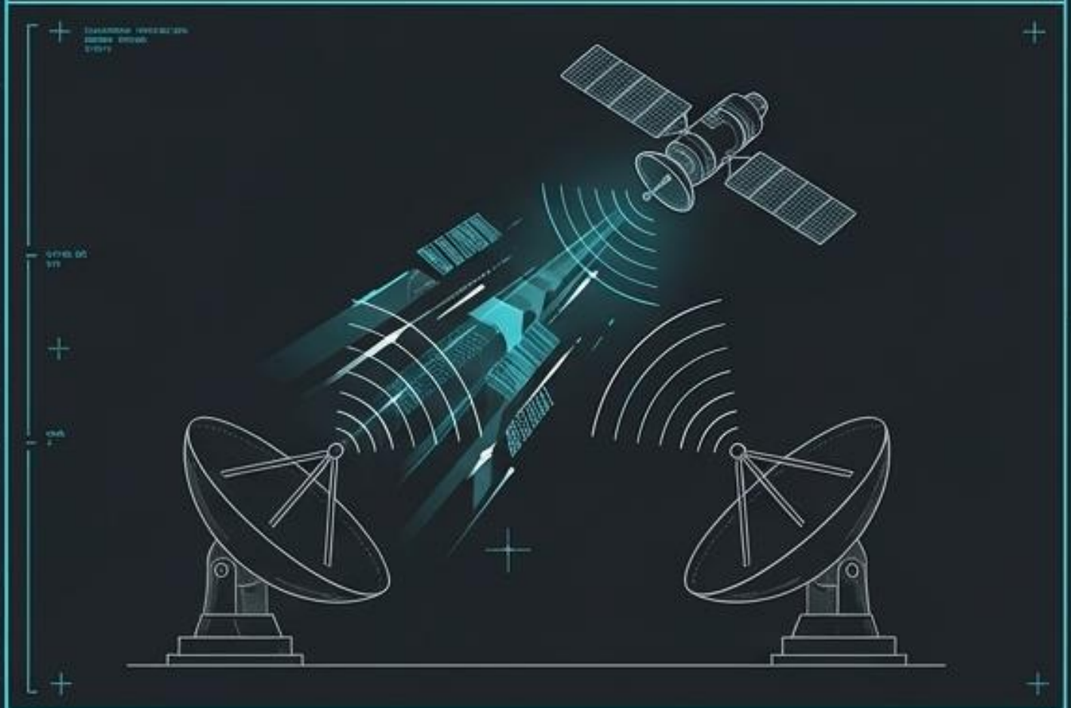


Recoverable Volume (V_{IZV}):
521.6 Million m^3

Targeting Action: Exploratory drilling is recommended exclusively in the central zone (3.1 km^2 productive footprint) targeting Horizon 1 (3725m) and Horizon 2 (3820m).

Bimodal Verification Architecture

Stage I: Space-Based Remote Sensing



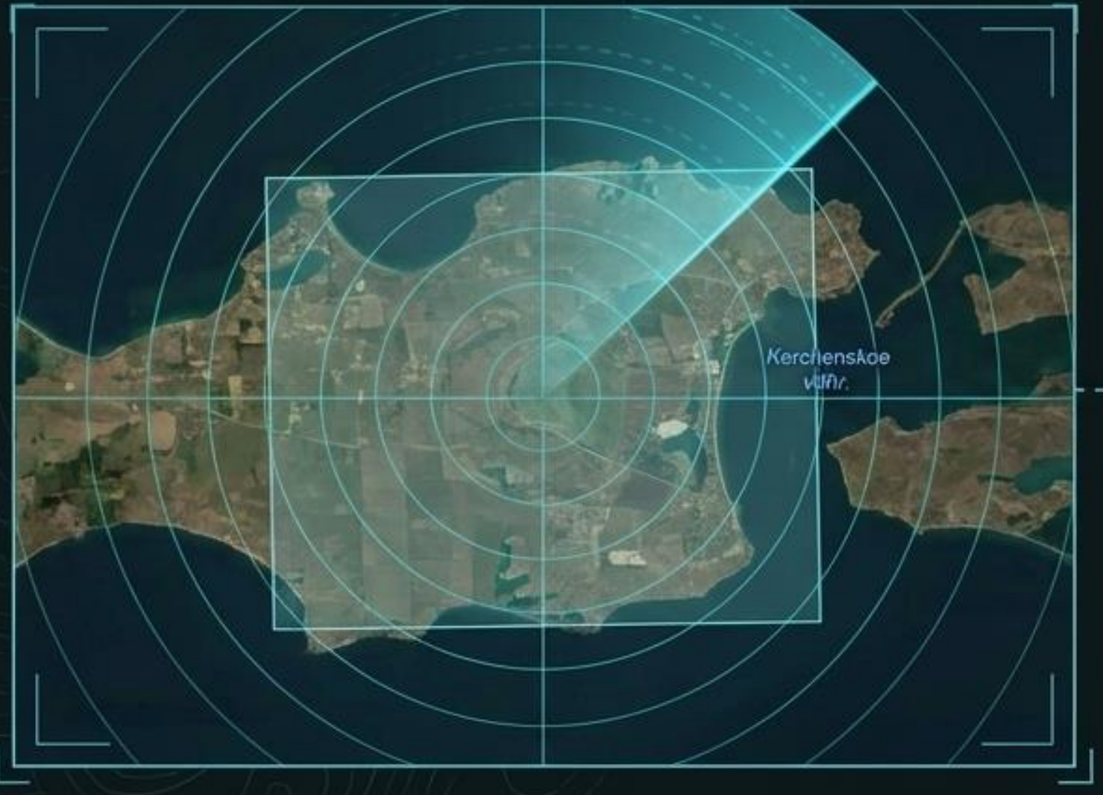
Utilizing remote sensing (DZZ) and space imagery processed in IR-100 radiation fields to identify macro hydrocarbon boundaries.

Stage II: Mobile Field Resonance

Mobile resonance-testing field equipment deployed to anomalous zones. Utilizes low-power microwave emissions to excite hydrocarbons up to 5,000m deep and measure precise reservoir physics.

STAGE I TO II: REFINING THE SEARCH GRID

MACRO INTERFACE



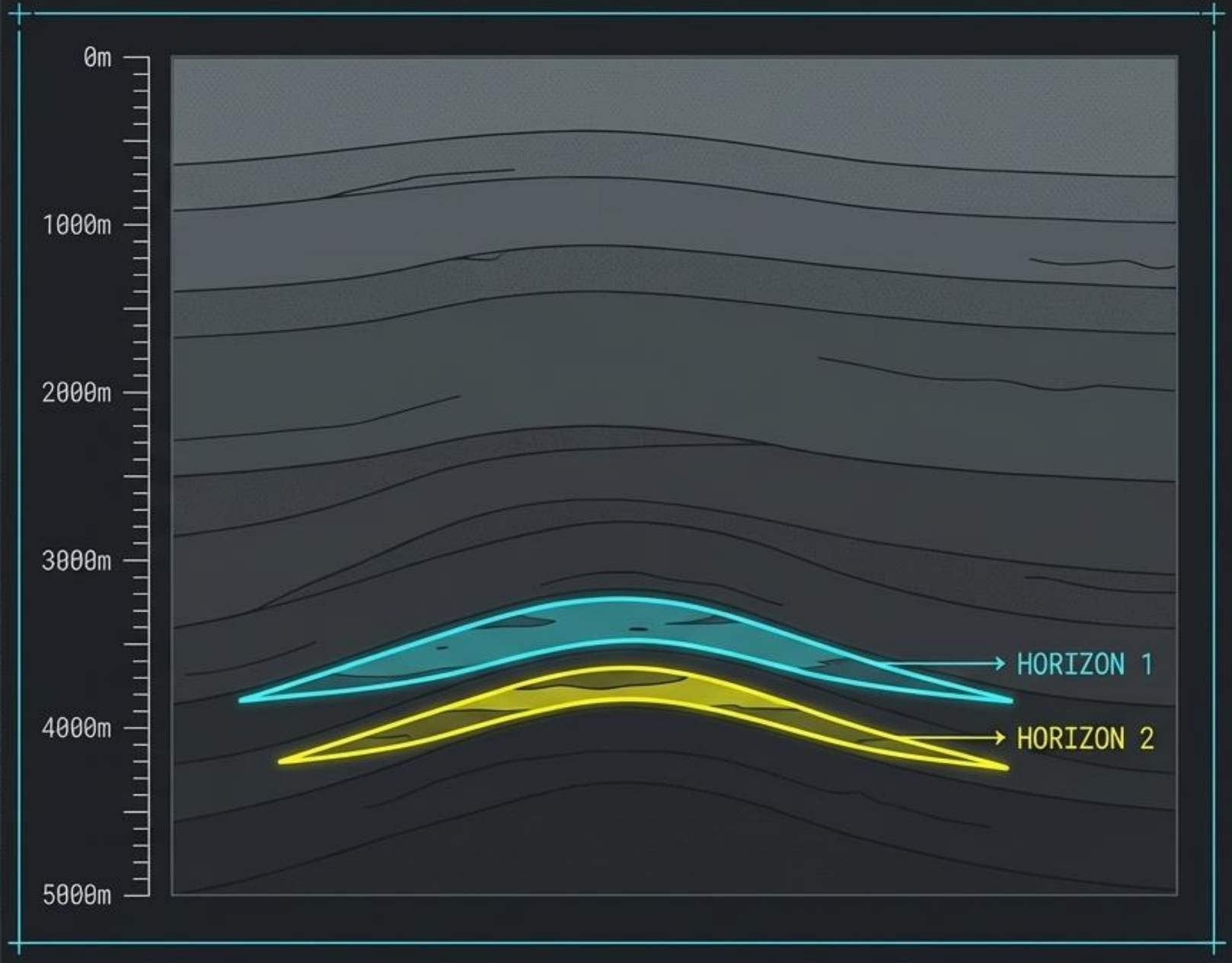
- **Initial Scope (Stage I):** Remote satellite analysis scanned a massive 32 km² sector near Novonikolaevka, successfully identifying anomaly AG-1.

MICRO INTERFACE

- **Field Refinement (Stage II):** Terrestrial NMR analysis revealed the anomaly edges lacked sufficient fracturing (porosity <10%) and gas saturation.
- **Final Productive Zone:** The viable commercial footprint was aggressively reduced and targeted to exactly 3.1 km².

GROUP POISK RSS-NMR SEVSU Polus

СЕВАСТОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ



STRATIGRAPHIC PROFILE OF THE ANTICLINE FOLD

STRUCTURE:

Vault-type deposit situated in a wide, latitudinal anticline fold stretching SW to NE (3.7 km × 1.0 km).

HORIZON 1:

Top depth: 3,725m - 3,930m |
Active Thickness (h1): ≈ 20m.

HORIZON 2:

Top depth: 3,820m - 4,050m |
Active Thickness (h2): ≈ 10m.

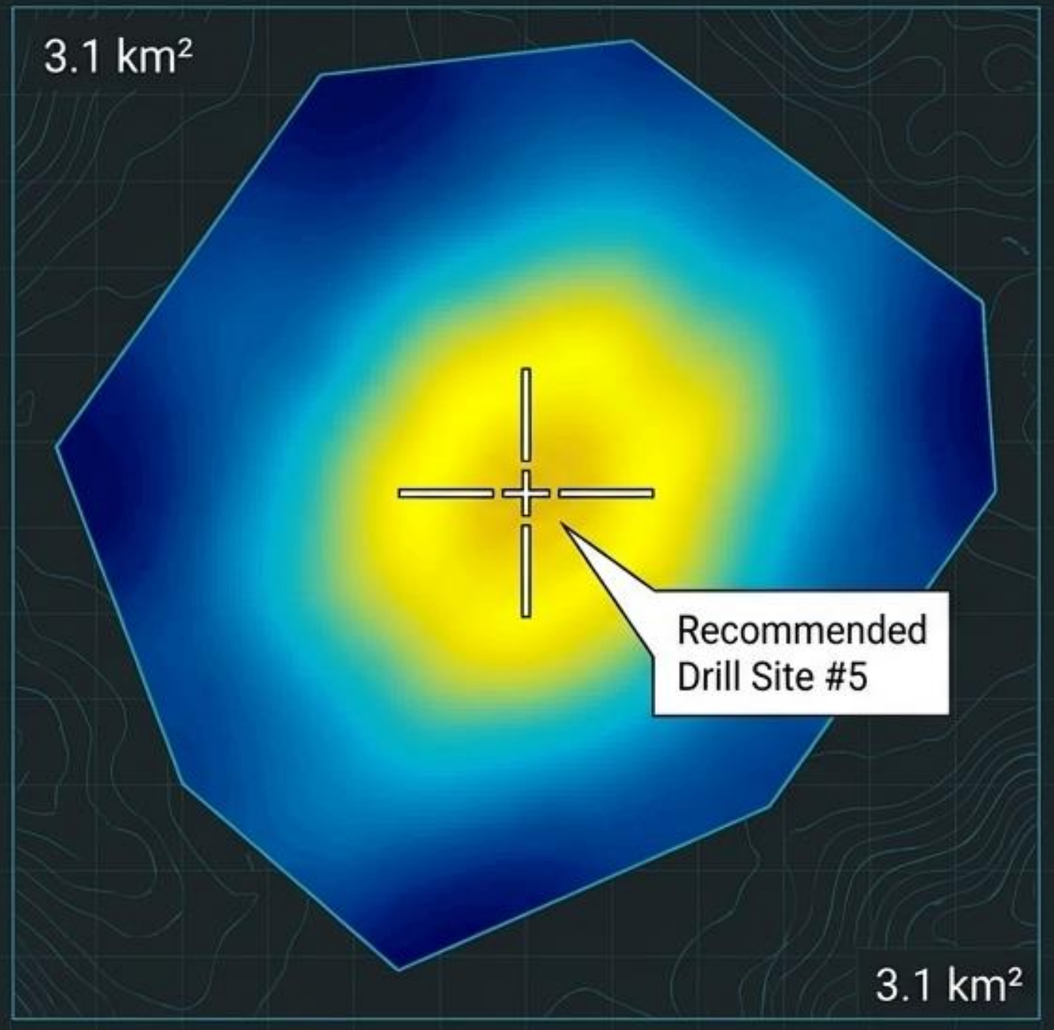
RESERVOIR MECHANICS:

Sandstone rock composition featuring optimal 10% to 15% porosity.

PINPOINTING THE COMMERCIAL SWEET SPOT

The Edge Falloff

Resonance spectra confirm that the peripheral areas of the anomaly suffer from low rock fracturing, rendering them commercially unviable.



The Central Core

The highest concentration of recoverable reserves sits directly in the central zone, featuring maximum porosity (m = 12÷15%).

Validation:

This localized targeting explains why 4 historical wells drilled blindly in this general area were dry, whereas targeting this specific central core de-risks the asset.

XXI =: -5,833,93 N
COBR =: -2,083,190

Telemetry:
Thot: 72. 0/s
ADFI: 53. 0/s

GROUP POISK
СЕВАСТОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

‘Poisk’ Global Track Record & Efficacy Metrics

Success Rate

14 out of 15 drilled test wells globally yielded expected hydrocarbons.

Rock Match

Lithological identification matches subsequent physical drilling.

Depth Accuracy

Maintained across depths up to 4,200m.

Pressure Variance (atm)

Matches actual internal pressures discovered post-drilling.

Conclusion: Novonikolaevka findings carry a calculated reliability rating of >90% based on identical global testing methodologies.

X/Y: +132.4958 / -34.1129

Da

The De-Risked Path Forward

Defined Asset:
521.6 Million m^3 of recoverable gas locked in two highly mapped horizons.

X/Y: -5.833.93 N / W: -2.983.199

Unprecedented Targeting:
32 km^2 of guesswork reduced to a **3.1 km^2** surgical drilling zone.

X/Y: -5.833.93 N / W/ -2.983.199

Proven Mechanics: Supported by a methodology with a **96% global success rate** across 15 wells.

X/Y: -5.833.93 N / W/ -2.983.199

FINAL DIRECTIVE: INITIATE STAGE III TECHNICAL PLANNING FOR TARGETED DRILLING IN THE CENTRAL 12-15% POROSITY ZONE.

X/Y: -5.833.93 N / -2.983.199

Data

VERSATILITY OF APPLICATION

HYDROCARBONS

Oil

Gas

Condensed

PRECIOUS METALS AND BASES

Gold

Copper

Lithium

Nickel

STRATEGIC

Uranium

Diamonds

Coal

WATER RESOURCES

Drinking Water

Underground

Geothermal

The technology eliminates false positives by identifying the specific type of mineral.

Customized version

1. For translation costs, please contact us.
2. For the addition of company-specific documentation, please contact us.
3. For an editable option, please contact us.
4. Consultations available at **Michel.friedman@fands-llc.com** or **mlf10357@yahoo.com** .

Disclaimer

The opinions, analyses, and explanations expressed in this text are solely those of their author, Michel Louis Friedman. They do not represent the views of any institution, company, employer, or other entity. The author disclaims all liability for the use or interpretation of this material.

Contact

Michel L. Friedman-Matarese

Móvil / WhatsApp: +591-71696657

Email: michel@geo-nmr.net

Speaker FR-UK-ES-BR/PT

Area : África y Américas

Igor Kostelanetz

Tel / Móvil / WhatsApp: +79787155212

Email: igor@geo-nmr.net

Speaker RU-UK

Area : World