GeoScan Technology

brought to you by GeoScan Systems

GeoScan Systems (GSS)

Introducing an advance in remote-sensing technology

While other systems such as ground penetrating radar allow one to “see” perhaps tens of feet below the surface, GSS can detect anomalies to depth of 6 km, using its proprietary processing techniques.

This breakthrough involves modeling light and its interactions with matter based on a more complete implementation of Maxwell's equations, coupled with a comprehensive understanding of the mathematical nature of the constant “i” (the imaginary number representing the square root of -1). Including these new insights makes complex spectral analysis more complete!

Maxwell's Equations include the presence of longitudinal waves. These longitudinal waves have generally been ignored up until now because his equations were simplified to only four equations in most modern analytical applications thus far. By utilizing all of his equations we open a means to also analyze the complex components of light.

Our analytical results lead to standing wave solutions that allow the construction of a full light spectra, consisting of both the real and complex components.

Filters are then applied which allow the detection and identification of substances by a means similar to utilizing Fraunhofer absorption lines to identify substances in the atmosphere of stars.

With more complete appreciation of the actual information contained in ordinary light we can detect subsurface anomalies, which show up as a kind of interference in longitudinal components.

Our inherently four and **higher dimensional** treatment of light allows detailed mapping of subsurface topographies as well as determining their material makeup to a depth of 6 km. The Global Positioning System (GPS) data is used to localize anomalies and other significant signals.

GeoScan Systems has so far detected and located:

- **Water** (salt- and fresh water distinction)
- **Oil**
- **Gas**
- **Coal**
- **Ores**
- **Metals** including some noble metals such as:

  - Gold, Silver

We are also able to detect other noble metals such as:

- Platinum, Palladium, Iridium, Rhodium, Ruthenium, Osmium, etc. once introduced to our our filter system

We have also detected and located **Tantalum** and **Chromium**

- **Rare-Earth elements,** as well as:
- **Gemstones** such as **Emeralds** and **Diamonds**

In addition, underground anomalies of many types can be detected and recorded. Such data is currently being utilized to assist infrastructure construction projects and archeological research projects.

Our proprietary technologies are applied through intensive computation utilizing algorithm techniques, specialized computer software and the latest state of the art processing hardware.

The following images show surfaces of the earth, as licensed by Google Earth from worldwide right holders. They serve the purpose of orientation, only. Any additional information value beyond Google Earth images is part of our transparent film implemented as an overlay, representing geophysical characteristics of anomalies/ structures from underneath the earth's surface.

The validation of our applied technology by third parties listed below starts with a contract to detect water in Morocco.

Validation of GeoScan Systems Techniques:

Water Survey Results and Ground Truth

5 water sources in a small area were detected and their depth, volume and flow rate deduced. All the sources and their remotely sensed characteristics were confirmed by local research and ground truth measurements.

In addition, five known dry test locations were explored as well as identified. These were explored as well and correctly identified.

These results have been validated by the German Water Foundation **(www.wasserstiftung.de)**

and by our client, who purchased these results, found the predicted resources and is satisfied with the capability and accuracy of our analytical results.

GeoScan Systems Water Survey Results

Conclusion by the Water Foundation:

WASSERSTIFTUNG LECHNERSTRASSE 23 D-82067 EBENHAUSEN

Geoscan-Verfahren
z.H. Herrn Timo I. Glowatzki
Berlin

WASSERSTIFTUNG
WATERFOUNDATION

ERNST FROST
LECHNERSTRASSE 23
D-82067 EBENHAUSEN

TELEFON: +49 (0) 81 78 - 99 84 18
TELEFAX: +49 (0) 81 78 - 99 84 19
E-MAIL: E.FROST@WASSERSTIFTUNG.DE
WWW.WASSERSTIFTUNG.DE

" The Water Foundation is convinced of the method of the Geo Scan proceedings in order to localize and identify underground water resource. ...

... During a personal site survey on May, 30th, 2014 the points of interest number 2 and 5 have been investigated.

At location 1, we can confirm wells in function, supplying a family of trees with potable water.

At location 3 and 4, we could not see any spring tapping or spring, but we rely on Dr. Aissa Derhm`s statements (compare to page 3).

At location 5, we can confirm water occurrence. Indeed, findings in 16 m depth with a capacity of 2,8 l per second have been determined ...

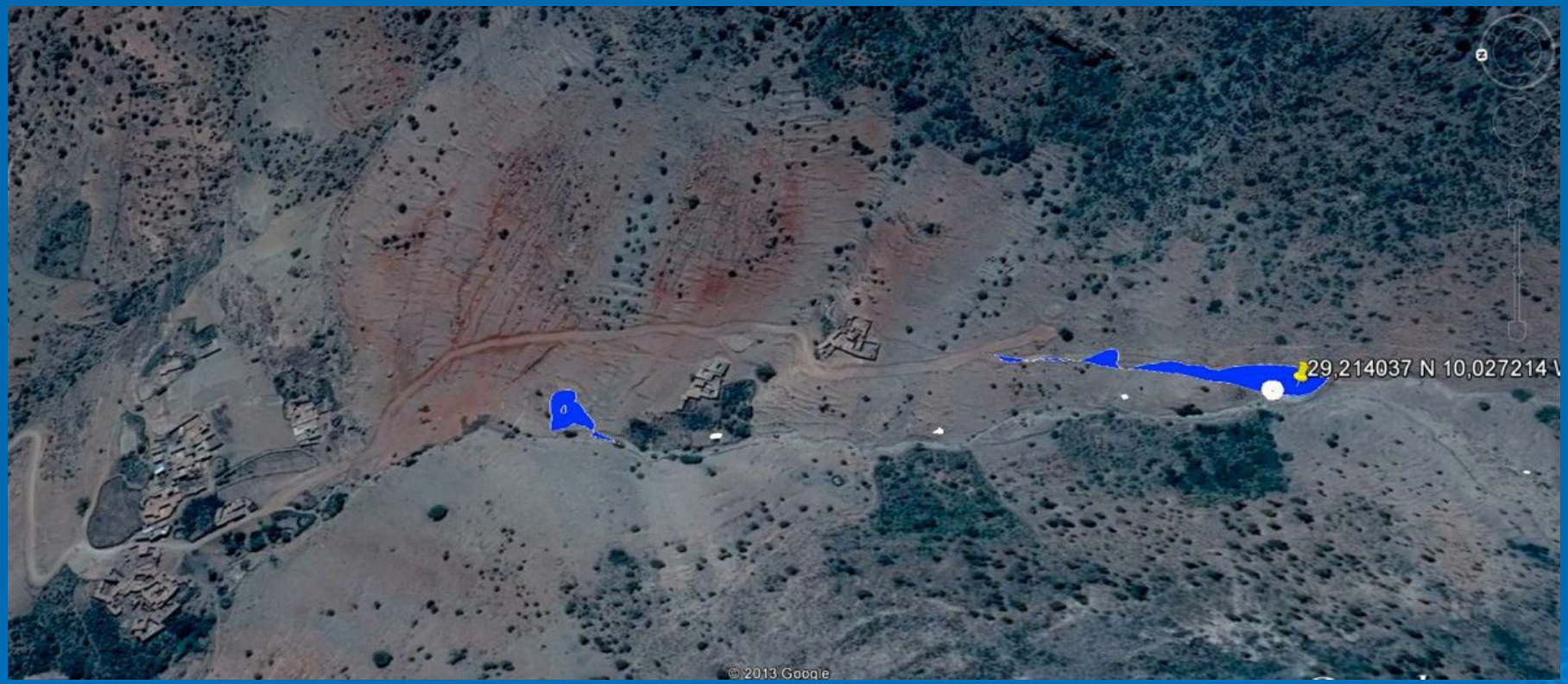
... The WaterFoundation sincerely thanks GeoScan proceedings and especially Timo I. Glowatzki for the option to receive quick data about water resource in most arid regions in a very efficient way.

The WaterFoundation hopes for continuous future cooperation in Morocco and specifically in Eritrea, where we are engaged in the water supply for people for more than 10 years."

Ernst Frost

Chairman of the Board
WaterFoundation

Survey Site in Morocco



Survey Site with Detected Locations marked:

Description to 1 - 5

1) depth of the source 15 – 18 m; thickness of aquifer ≈ 2,5 m; area 950 m^2; volume of water 2.375 m^3

2) depth of the source 12 m

3) depth of the source 18 m

4) depth of the source max. 20

5) depth of the source 15 – 17 m; thickness of aquifer ≈ 1,5 m; area 2819 m^2; volume of water 4.228,5 m^3

Survey area from ground level:

CONCLUSION

by Dr. Aissa Derhem
Chairman of Dar Si Hmad (Non-Profit NGO)

Punkt 1)

For the second blue spot (Punkt 1) with a white circle inside, this is a real discovery and people confirmed the existence of an old well there. Finally I got the information on well 1 from the oldest man of the village who is more than 80 years old and still active. He confirms the existence of a well there and says that it's out of use since a long long time. Since he remembers it it was already not in use.

Punkt 2)

The well 2 was digged around 1980, 20 m deep. It is usage by one family, that whose house appears in the google map document you sent. It is still working

Ortsbesichtigung am Brunnen (Punkt 2) am 30. Mai 2014 mit Mitarbeitern der WasserStiftung. Dar Si Hmad und der TU München.

Punkt 3)

Well number 3 is unknown. If this well exists it must be very old.

Punkt 4)

Well 4 is not really a well but a resurgence (wiederaufkommen) containing a small trickle of water as there are so many in this mountain of Boutmezguida.

Punkt 5)

Good news for Geoscan: I send you a new and professionnal evaluation of the flow of the drilling we did in Timstda and we found that at 16 m the flow is 2.8 liters per second and this confirm the remote finding of Geoscan.

Siehe Anhang: jepeg débit Forage Timtda évalué juin 2014-4.jpeg

The GeoScan Systems Methods are thus confirmed

GeoScan techniques located 5 water sources and was able to determine their location, depth, volume and flow rate.

Please see the complete survey report for further details.

GeoScan Technologies

History and System Development

GeoScan Systems has the exclusive right to a new scanning technology, which is capable of indicating the (approximate) locations of subsurface anomalies, minerals and resources.

This technology was developed by GeoScan Systems, Germany. In addition to locating commonly occuring minerals this technology is also proficient in locating gas, oil, coal and water.

The technology is one of the worlds fastest indicators and the most cost effective means of detecting resources and minerals.

BENEFITS:

Conventional Prospecting:

- **Many years** of prospecting and deploying geologists into the area
- **Millions** of USD in high risk investment are wasted before a reasonable result can be produced
- **Efficiency** in most cases amounts to 20% on average

GeoScan Tracking Technology:

- **7-30 days** of prospecting
- Response time and strategic decisions are based on real time information
- Significant cost reduction for prospecting / exploration
- On site exploration made redundant with our applied technology
- Unrivaled in the market for its efficiency: up to 98.6%
- Unmatched remote sensing potential in depth spectral analytics: up to 6 km

THE PROCEDURE

PHASE 1

Our analysis requires basic information from the client. The client fills out the **"Client Information Scan Request Form"**

Content:

- Mineral/Resource to be explored
- Co-ordinates including GPS data of the area to be analyzed

The client will then receive a cost estimate for the area to be analyzed. A down payment of 50 % is required upon receipt of clients acceptance.

THE PROCEDURE

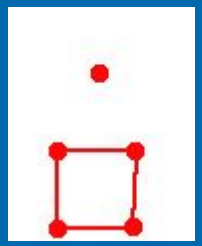
PHASE 2

The information received from our client is then processed by our overseas office.

GeoScan Systems then creates an image, showing the scanned area outlined as per the coordinates provided by the client (see next page), in order to outrule any misinterpretation.

THE PROCEDURE

PHASE 2 – Sample Image With Clients Co-ordinates



Co-ordinates of area to be scanned and analyzed

THE PROCEDURE

PHASE 3 – THE SCAN

GeoScan Systems will provide the final report to the client with all the relevant information within approximately two to four weeks, upon receipt of the outstanding balance. This report includes detailed images of the positions and size of one or more deposits within the scope of the client's request.

Additional time will be required for larger areas.

THE PROCEDURE

PHASE 3

OUR FINAL REPORT COMPRISES THE FOLLOWING:

- *DETAILED IMAGES (Location of ore/resource bodies)*
- *SHAPE FILES (GIS software for more accurate information)*
- *GPS POSITIONS OF THE DEPOSITS*
- *APROXIMATE DEPTH OF THE DEPOSITS*

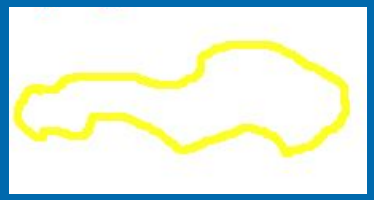
THE PROCEDURE

PHASE 3 – BASIC TERMS AND CONDITIONS

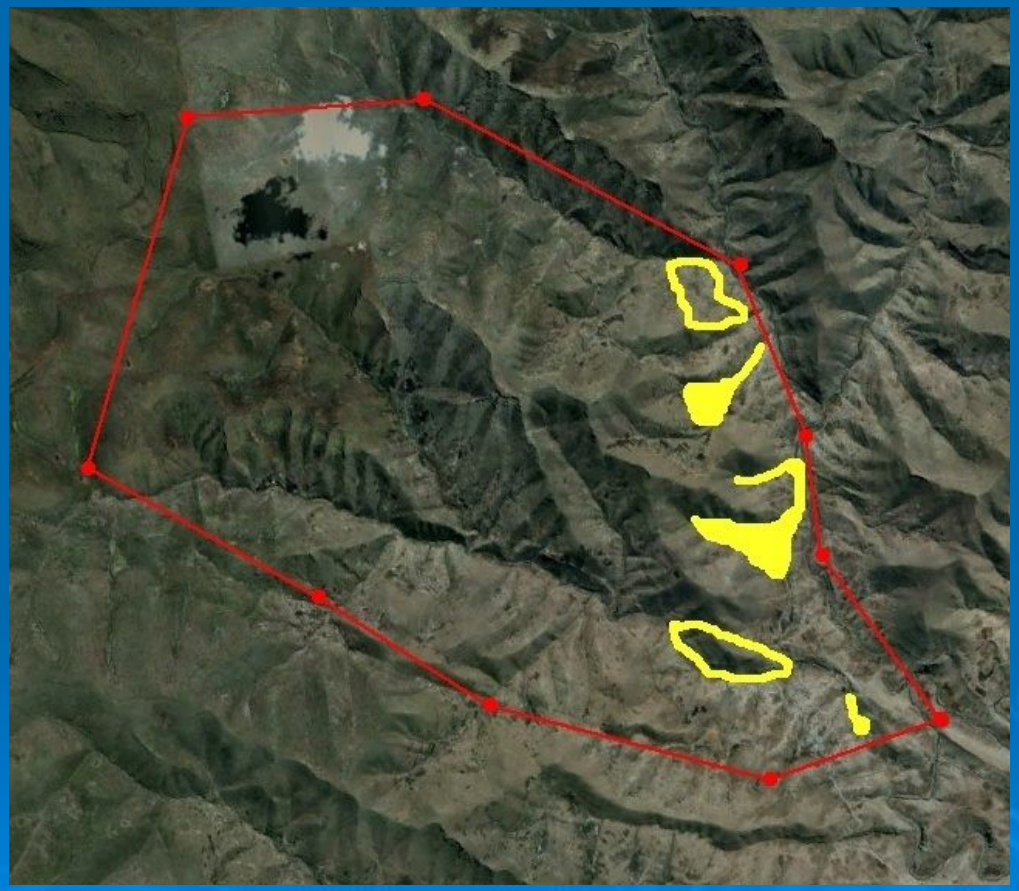
- GSS will only commence scanning, once GSS has received an official order number from the client.
- GSS reserves the right to the Intellectual Property until full payment is received.
- Client Indemnification
- "The client" shall fully indemnify GSS against any liability from third parties arising out of "the client" use of the scan information.
- GSS shall not be responsible for ensuring that the information provided to GSS for purposes of the scan is in accordance with and does not contravene any Data Protection laws, mineral and mining regulations, trade customs and practices or any other laws. GSS accepts no liability for any errors or omissions as a result of incorrect or incomplete information being provided to it by "the client".
- The provided Scan and analytical data does not replace additional conventional systems and/or methods of Geological practice and should be seen as information assisting a geosciences company.
- GSS undertakes to ensure that the service will be supplied with maximum skill and due care.

EXAMPLE - SCAN SAMPLE

Standard Deposit
>20 m depth

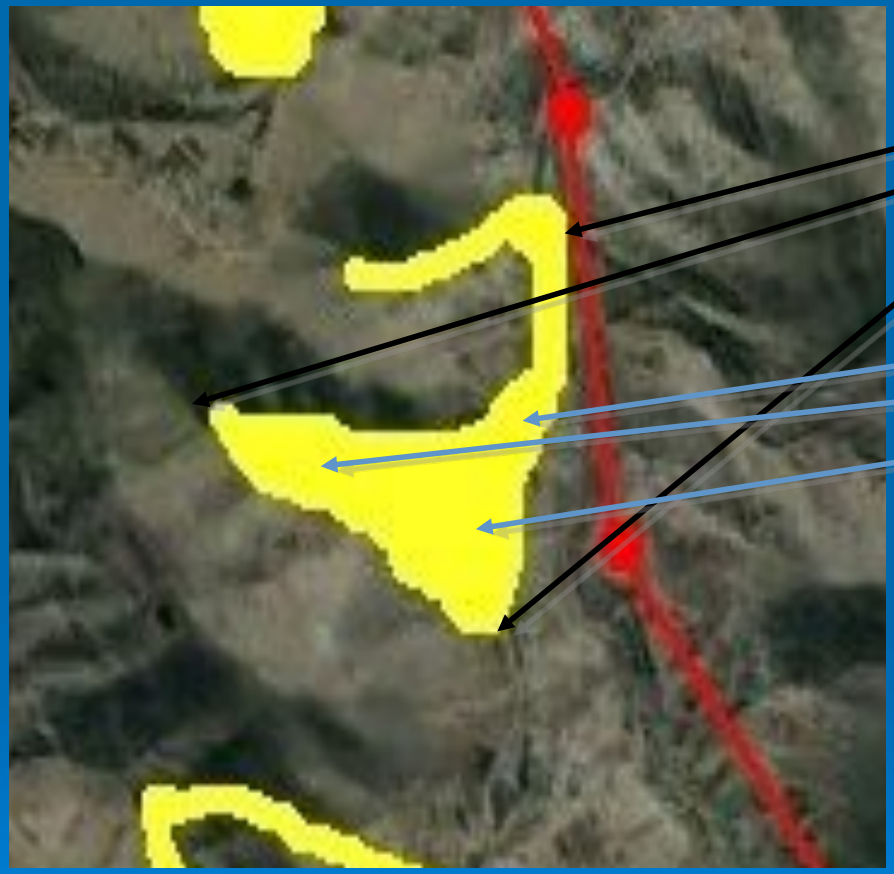


Alluvial Deposit



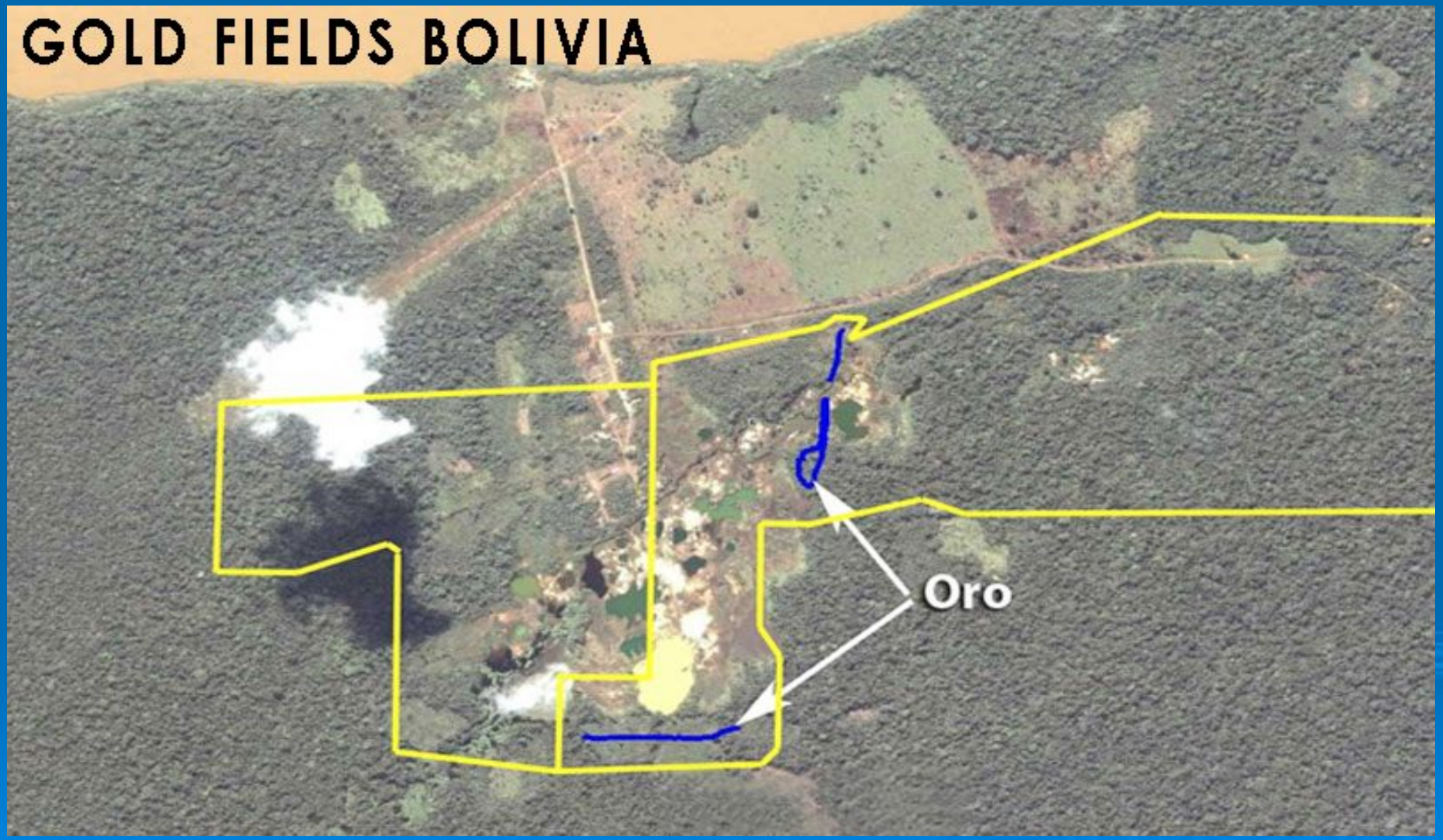
EXAMPLE - DETAILED SCAN SAMPLE

(PLEASE NOTE ALL FIGURES ARE FICTITIOUS)



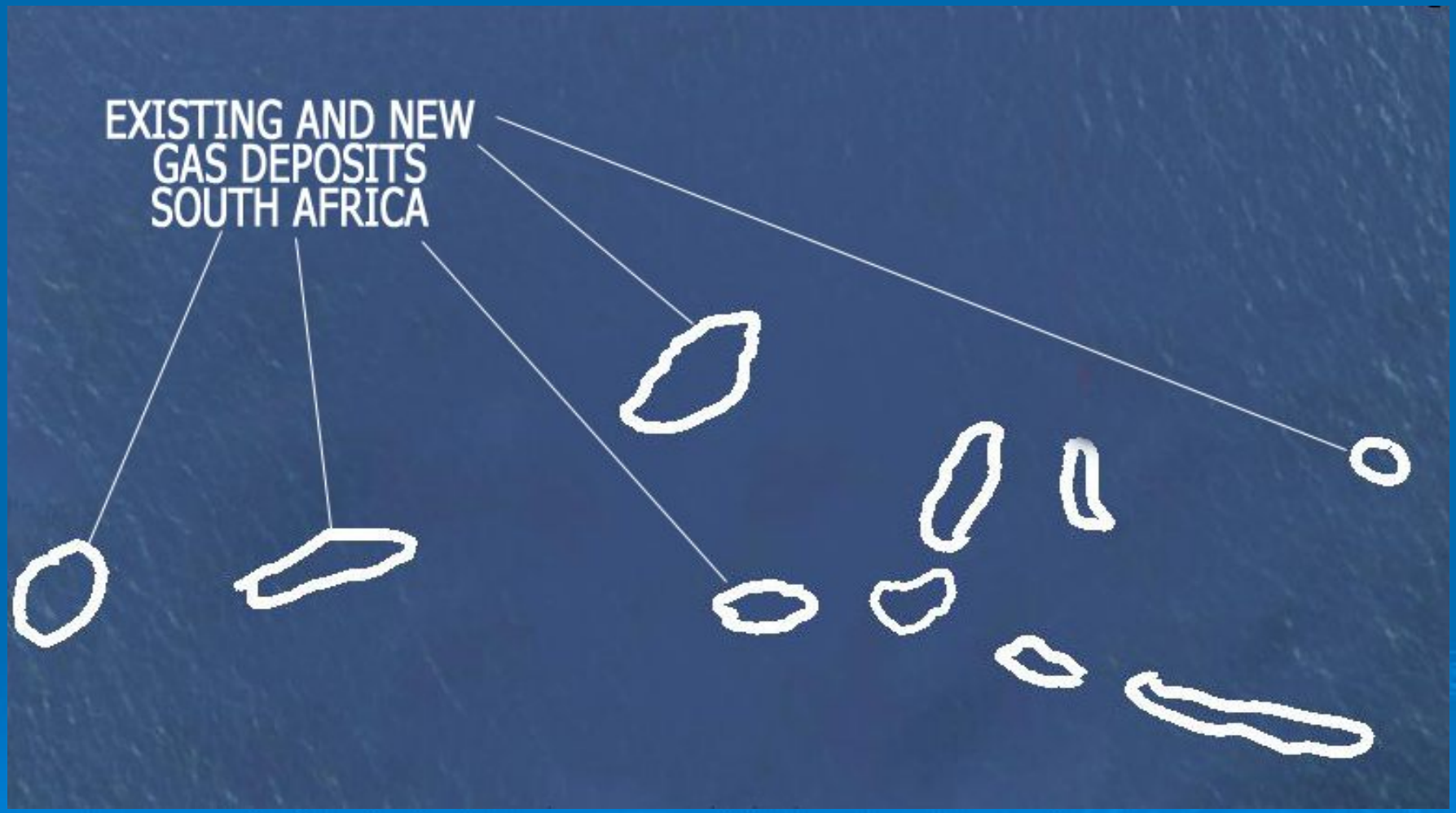
- Co-ordinates of specific ore body:
  - 32.4166083845 -27.0177940845
  - 32.6830963186 -27.0811399840
  - 32.8637192090 -27.2484061702
- Suggested exploration drilling points:
  - 32.8422669220 -27.3342153184
  - 32.5261279551 -27.2055015961
  - 32.3375736427 -27.1637260898
- Approximate depth of ore body:
  - <20m Alluvial Gold
- Surface area of ore body:
  - Approx. 400 Hectares

GOLD DEPOSITS - Location Of The Ore Bodies



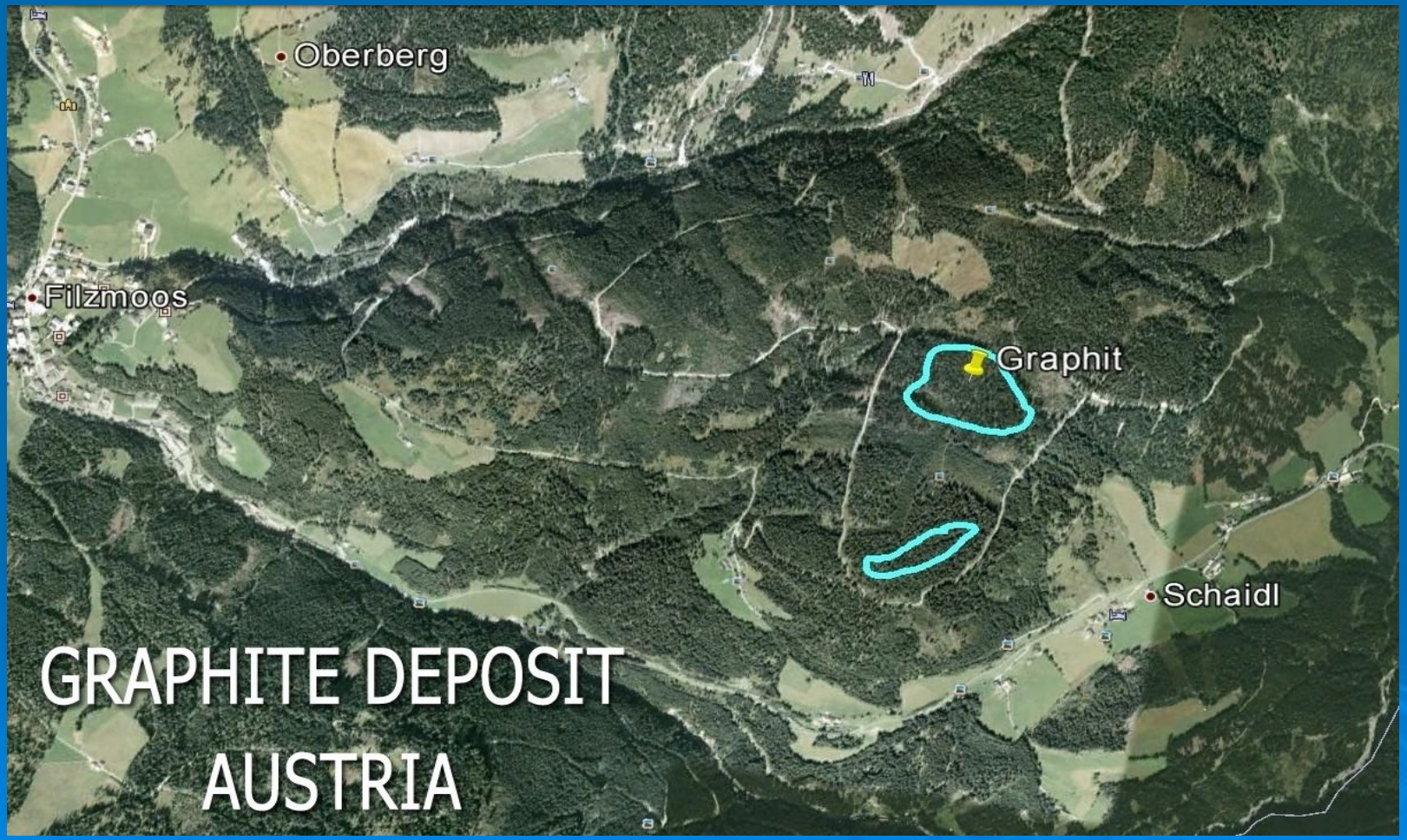
DIAMOND DEPOSIT - Location of the Diamond Deposit

GAS DEPOSITS Approximate Location of Gas deposits

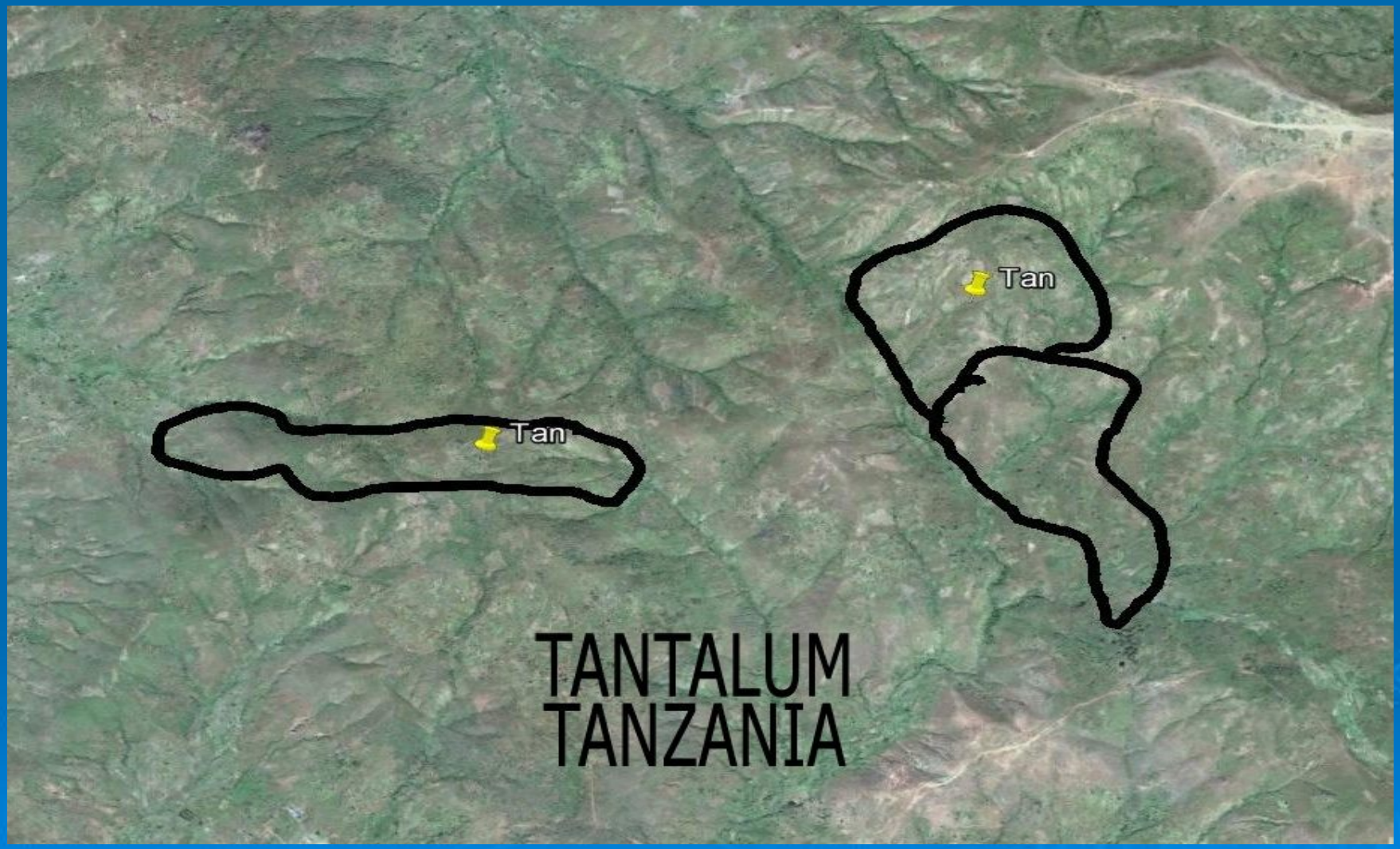


GRAPHITE DEPOSITS Location Of The Ore Bodies

(Verified - Graphite deposit with yellow marker, second deposit unknown & found by GeoScan Systems)



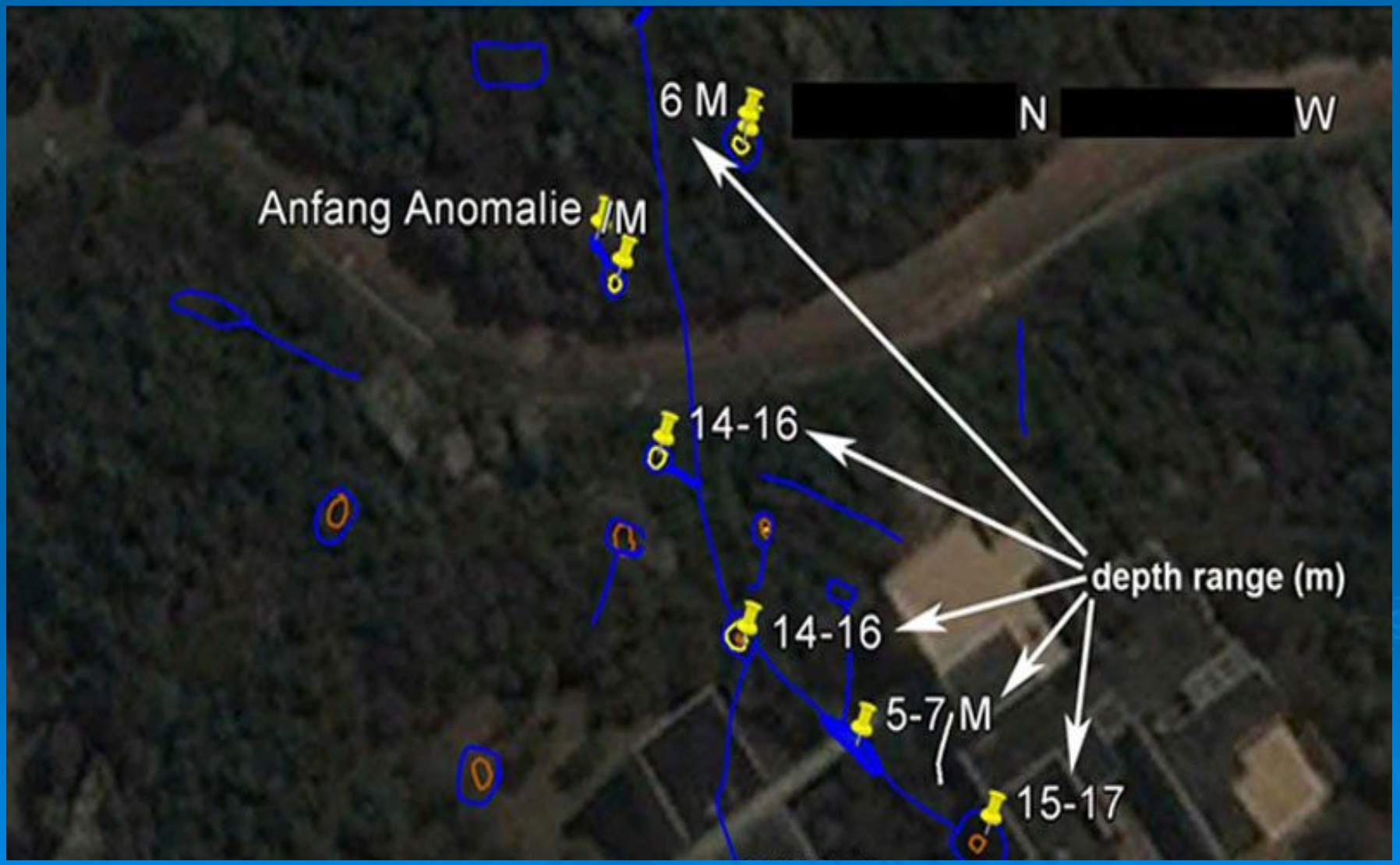
TANTALUM DEPOSITS Location Of Ore Bodies



WATER DEPOSITS Location With Depth Analysis

UNDERGROUND CAVITIES & ANOMALIES

Close-up image; Detailed Information Of Cavities



MEDIA RELEASE 16.05.2012

ENI ITALY

Eni: important new discovery in Mozambique

San Donato Milanese (Milan), 16 May 2012
Eni announces a new giant natural gas discovery in Area 4, offshore Mozambique, at the Coral 1 exploration prospect.

The discovery made at Coral 1 exploration prospect is estimated to range between 7 and 10 trillion cubic feet (tcf) of gas in place.

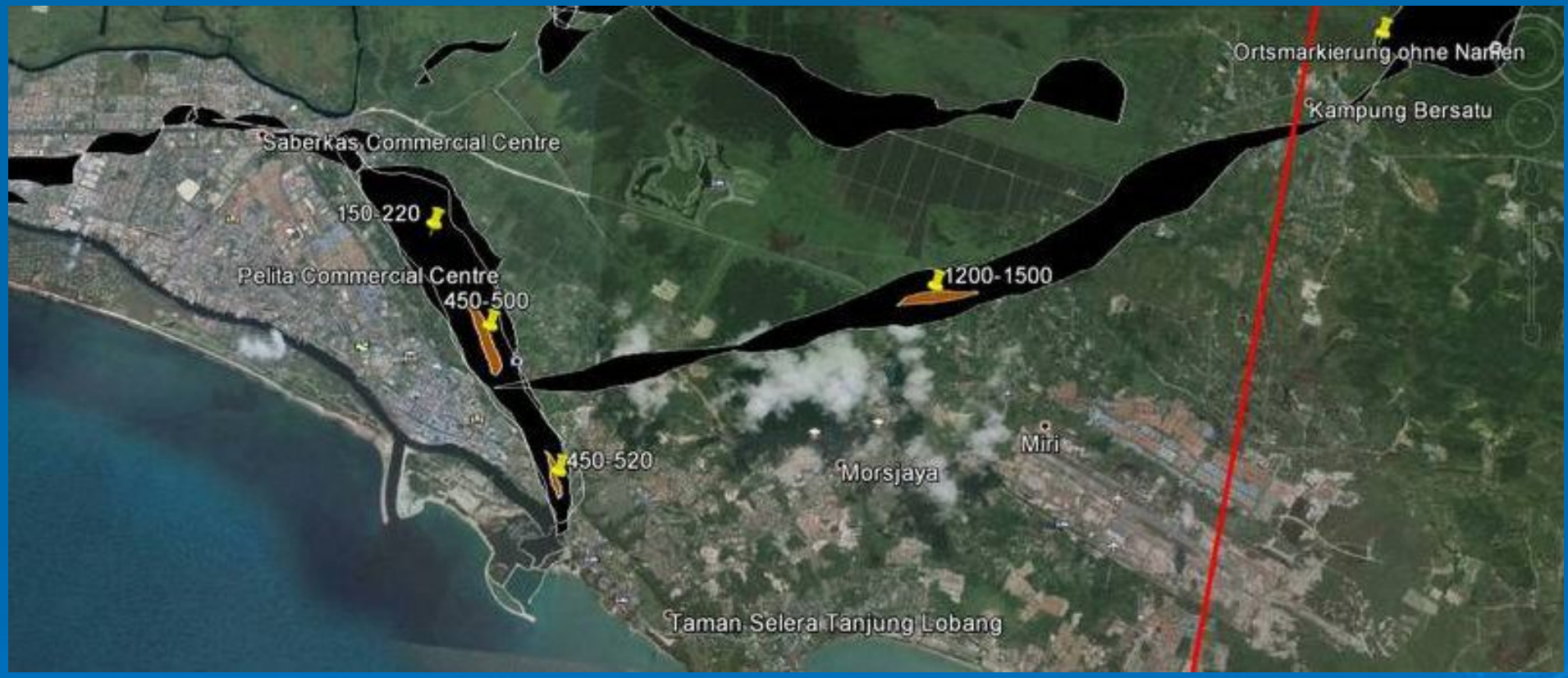
The overall potential for Area 4 is now estimated to range between 47 and 52 tcf of gas in place

GAS DEPOSITS in Mosambique

GAS DEPOSITS – Detailed Analysis Of The Gas Deposits Location With Depth

OIL DEPOSIT in Brunei - Test Scan

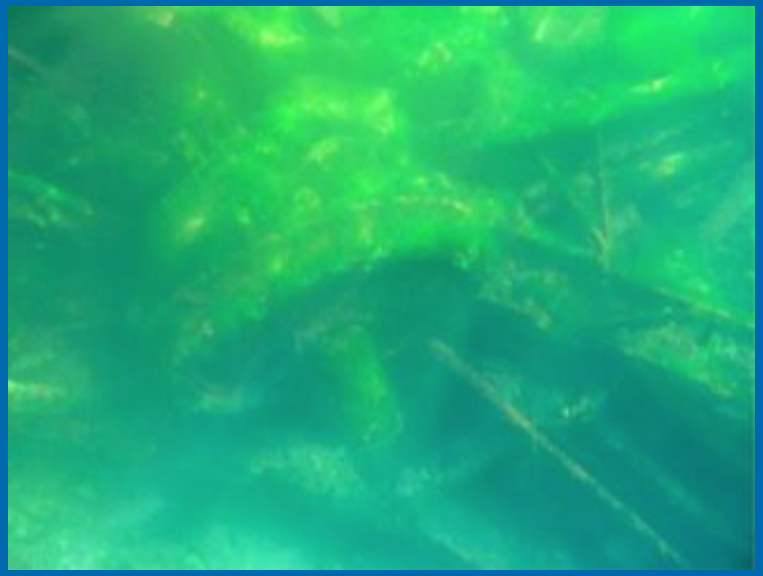
Additional OIL FINDINGS through Geoscan Systems



OIL DEPOSITS off-shore Nigeria

SALVAGE ARTIFACTS

Lake Baikal – The lost train of Admiral Koltschak



PLEASE CONTACT:

Berlin Office (Germany)

Chemnitzer Straße 200
12621 Berlin / Deutschland

CEO Frank Moldenhauer
Phone: + 49 30 5670 125 0
E-mail: f.moldenhauer@geoscansystems.de

CTO Timo I. Glowatzki
Phone: + 49 30 9651 246 4
E-mail: t.glowatzki@geoscansystems.de

US Offices:

Dr. Michael T. Hyson
P.O. Box 1979
Pahoa, Hawaii 96778 USA

Email: hyson@planetpuna.com
Phone: + 808 896 - 8518

Dr. Elizabeth Rauscher

Technic Research Lab
3500 S. Tomahawk Road Bldg. 188
Apache Junction, AZ 85119 USA

Email: BVR1001@MSN.com
Phone: + 480 982 - 2285