



# Fox Lake Gold Project

Northwest Territories, Canada

**GTGold Resources Ltd.**

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**GTGOLD**  
GOLD RESOURCES LTD.

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Certain statements herein may contain forward-looking information within the meaning of applicable securities laws. Forward-looking information appears in a number of places and can be identified by the use of words such as “intends” or variations of such words and phrases or statements that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. Forward-looking information includes statements regarding the Company’s exploration and development plans with respect to its properties and the estimate of mineral resources and are subject to such forward-looking risks, uncertainties and other factors which may cause the Company’s actual results, performance or achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such risks include metal price volatility, change in equity markets, the uncertainties involved in interpreting geological data, permitting and environmental, increase in costs and exchange rate fluctuations and other risks involved in the exploration and development industry. There can be no assurance that forward-looking information referenced herein will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements or information. Also, many of the factors are beyond the control of GTGold Resources Ltd. Accordingly, readers should not place undue reliance on forward-looking information. All forward-looking information here in are qualified by this cautionary statement. The Company does not undertake to update such forward looking information except in accordance with applicable securities laws. Technical aspects on this presentation have been reviewed and approved by the Company’s consultant of Exploration, Dave White P.GEO designated as a Qualified Person under National Instrument 43-101.

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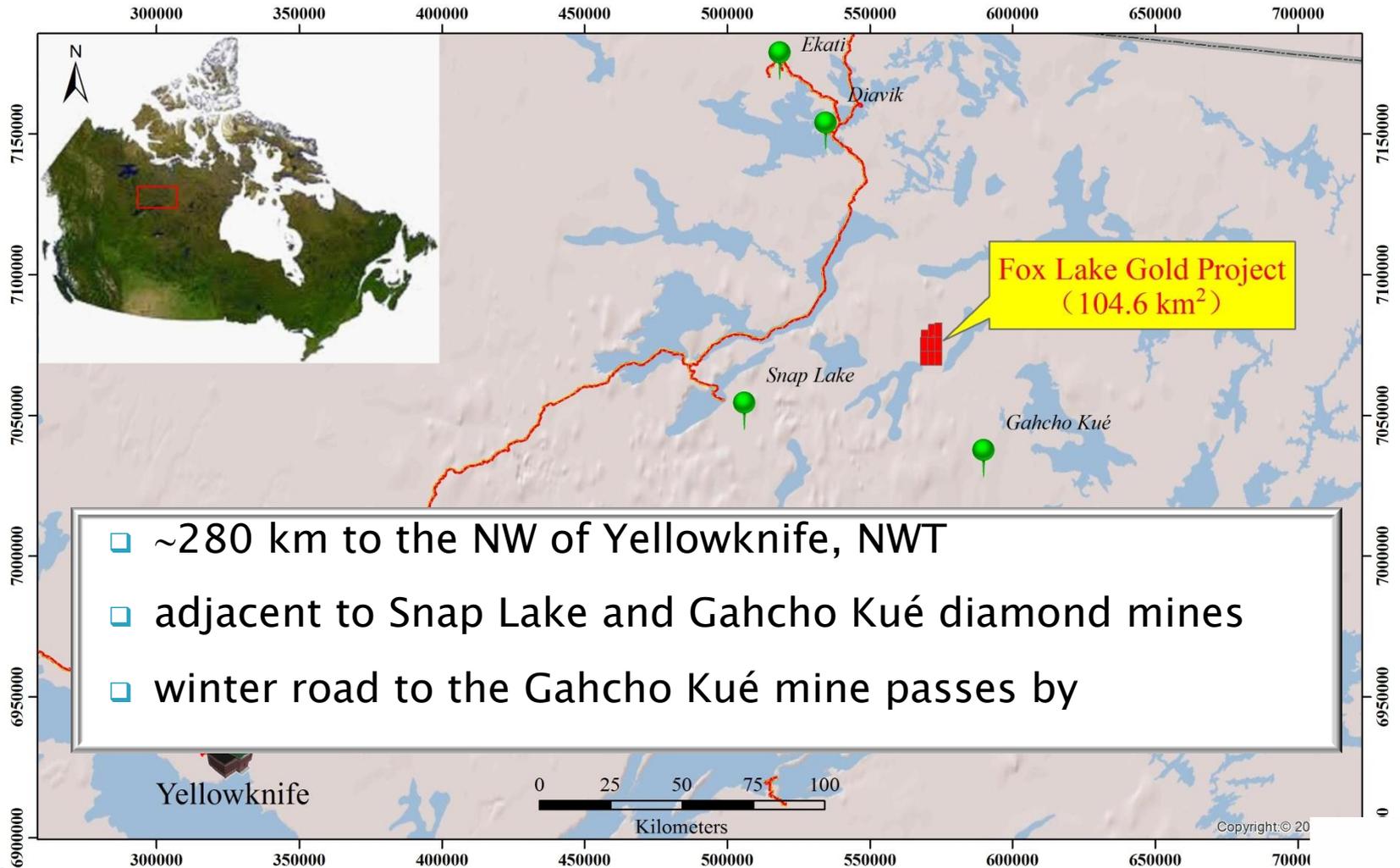
GTGOLD  
OF GOLD RESOURCES LTD.

# Highlights

- ❑ Fox Lake Gold Project locates in Northwest Territories, where Con and Giant mines produced ~380 tones of gold, the Luping mine produced ~104.4 tones of gold, and the Courageous Lake – FAT deposit hosts Measured & Indicated resources of ~248.8 tones gold and Inferred resource of ~105.7 tones gold.
- ❑ Geological mapping and prospecting in 2016 revealed a gold mineralization zone, with the length of ~1.5 kilometers and the width of 70–80 meters, containing both of the historical Fox Lake and Zena gold showings, to the north of the Fox Lake water body.
- ❑ Twelve out of fifteen historical diamond drill holes in 1959 showed gold mineralization, and some of them contained visible gold. Gold assay value from these drill holes was up to 148 g/t.
- ❑ The current Fox Lake Gold Project has obtained permits for diamond drilling, which are valid for five years.
- ❑ The current Fox Lake Gold Project has also obtained adequate investment.
- ❑ Zijin Mining Group Co., Ltd. has invested in adjacent areas.

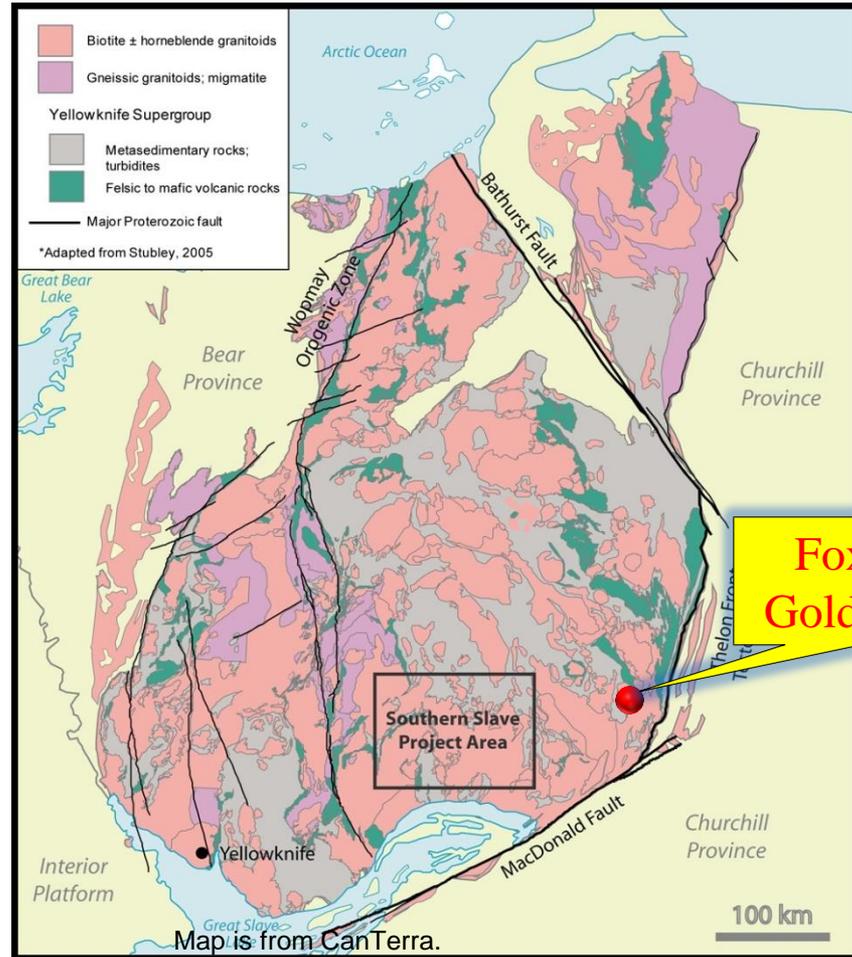


# Location



# Regional Geology

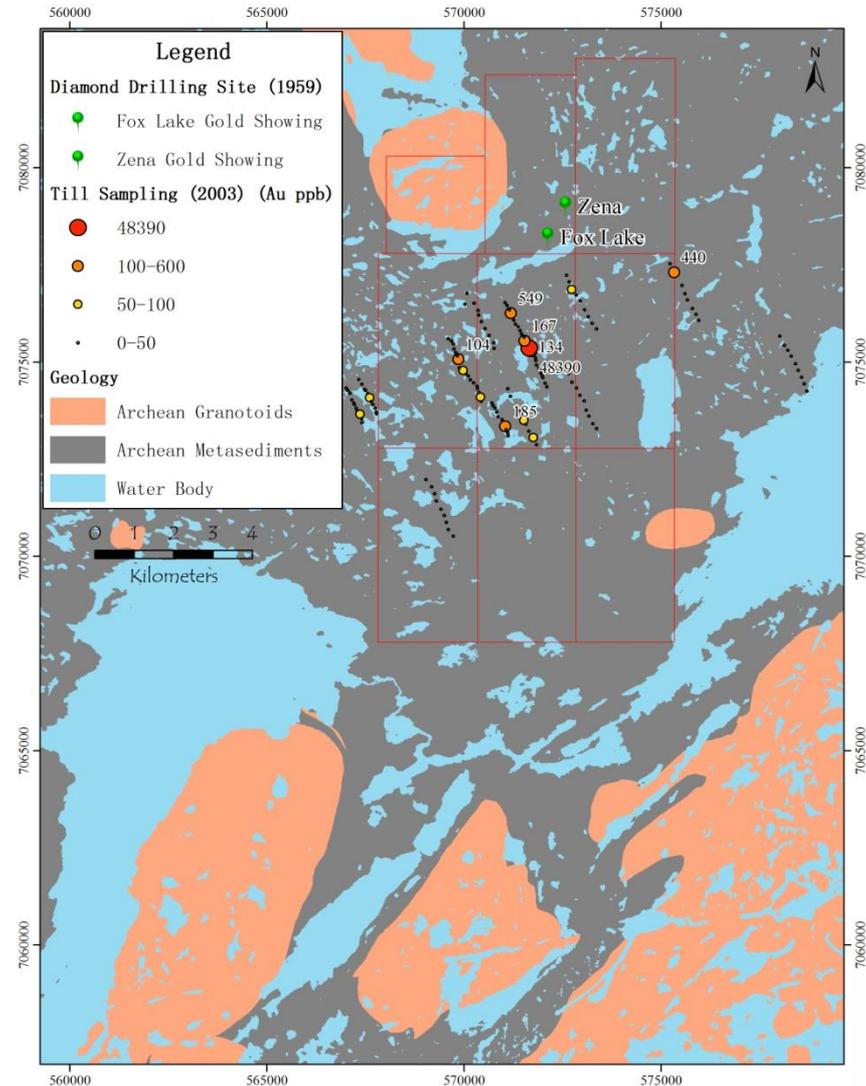
- The Fox Lake Gold Project locates within the southern Archean Slave Craton.
- About Slave Craton
  - To the northwest, adjacent to the Bear Province by the Wopmay Orogenic Zone; and to the northeast and southeast, adjacent to the Bear Province by the Bathurst Fault and the MacDonald Fault, respectively. The south edge of the craton is covered by the Great Slave Lake.
  - After cratonization at ~2.5 Ga, it was activated by multiple thermo-tectonic events, including the vast intrusion of Mackenzie mafic dyke at ~1.27 Ga.
  - Quaternary glacial events has modified its surface. The glacial movement in the 220–260° direction has been notified during historical mineral exploration of this area.



Data Source:  
Padgham, W.A., and Fyson, W.K. 1992. The Slave Province: a distinct Archean craton. Canadian Journal of Earth Science, 29: 2072-2086.

# Historical Work

- In 1948, J.D. Williamson discovered the first gold mineralization in the Fox Lake area.
- In 1959, Consolidated Northland Mines Ltd. drilled 15 holes, totally 1494 meters, at the Fox Lake showing, where 12 holes showed visible gold. At the mean time, North Golderest Mines Ltd. drilled 5 holes, totally 522 meters, at the Zena showing.
- In 2003, SouthernEra Resources Ltd. carried on diamond exploration in the area. One of their till samples, to the south of the Fox Lake water body, returned a gold value of ~48 g/t.



# Exploration of Summer, 2016

- ❑ Investigation of Mineralization (Hongzhi Li, *PhD, P.Geo.* & Linglin Chu, *MSc, P.Geo.*)

Mineralization outcrops and boulders were mapped, for the purpose of studying the relationship between the Fox Lake gold showing and the Zena gold showing, which outlined a NNE trending gold mineralization belt, including both Fox Lake and Zena gold showings. 95 rock samples, 10 handspecimen, and 14 till samples were collected during this investigation.

- ❑ Geological Mapping (Mike Stublely, *PhD* & Aurora Geosciences)

A ~1.2 km long and ~60 m wide aplite vein, relating to gold mineralization, was mapped and traced up to 5.3 km. This vein cross cut the bedding of metasedimentary rocks in low angle.

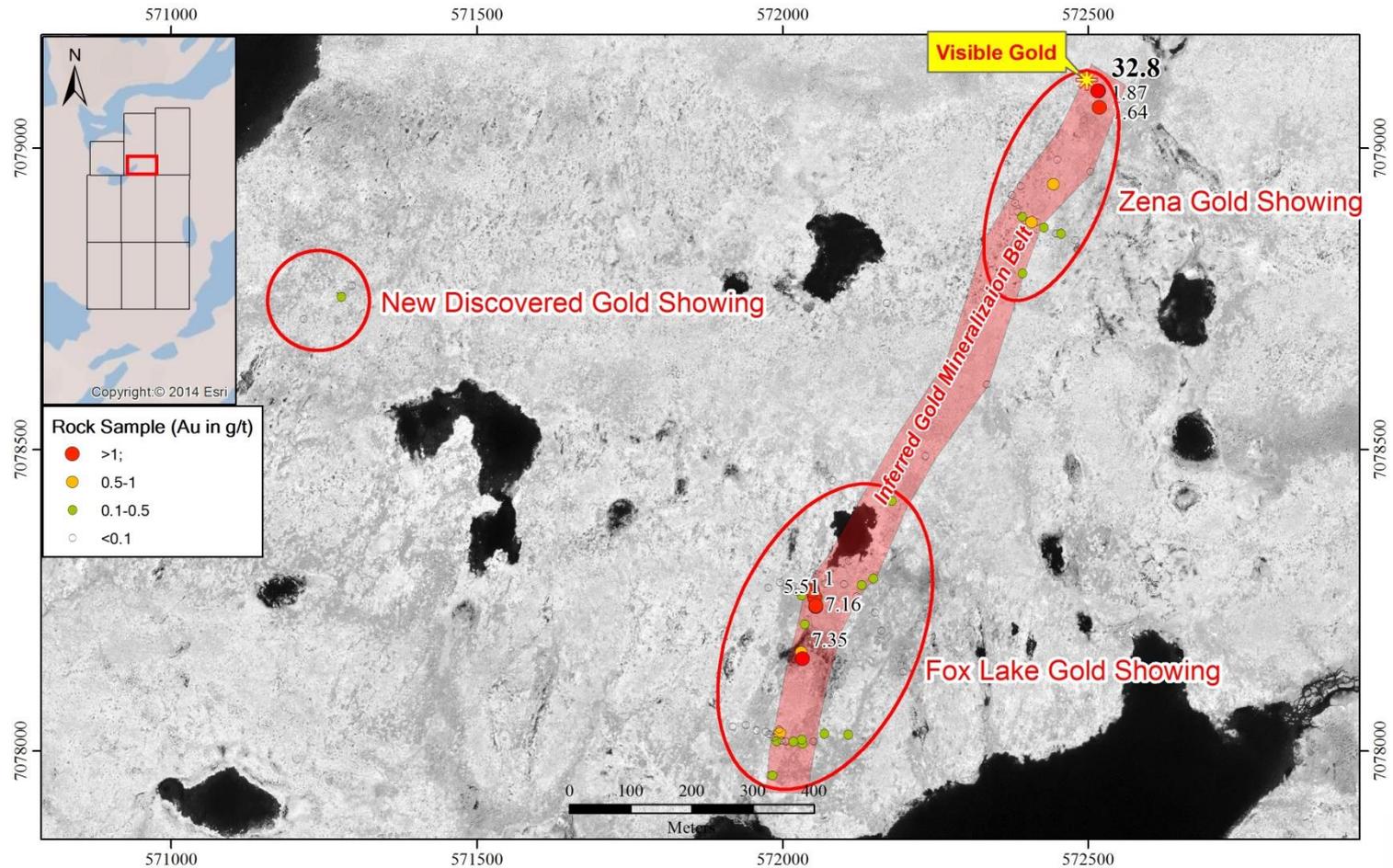
- ❑ Soil, Till, & Vegetation Samplings (Aurora Geosciences)

150 soil samples, 108 till samples, 108 vegetation samples, and 21 mud-boil samples were collected covering the Fox Lake gold showing.

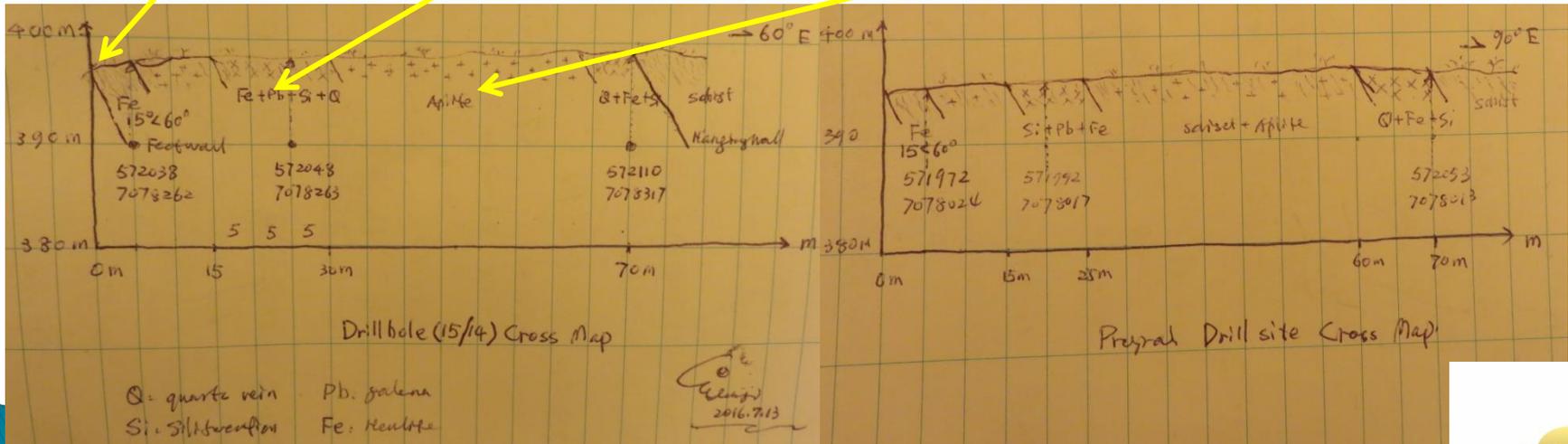
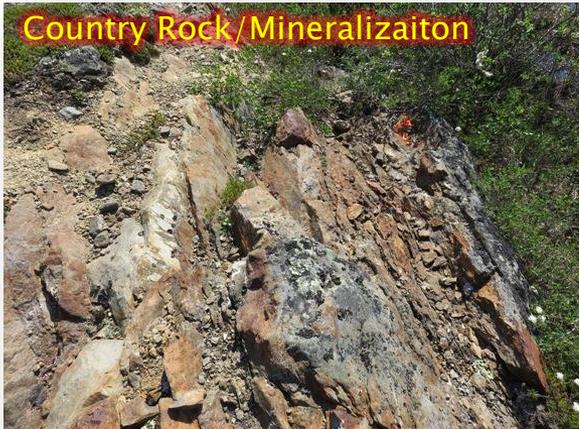
- ❑ Ground Geophysics (Aurora Geosciences)

Ground magnetic and VLF EM surveys with the total length of 124 km covered both Fox Lake and Zena showings, as well as twelve 400 m long IP survey lines.

# Investigation of Mineralization



# Fox Lake Gold Showing



Sketch at the Fox Lake Gold Showing (Hongzhi Li, 2016)

# Zena Gold Showing



## Mineralization Features

- ❑ Visible gold is hosted by aplite, with the country rock of biotite-quartz schist;
- ❑ Aplite was weakly altered with epidote, and biotite-quartz schist contains abundant arsenopyrite.

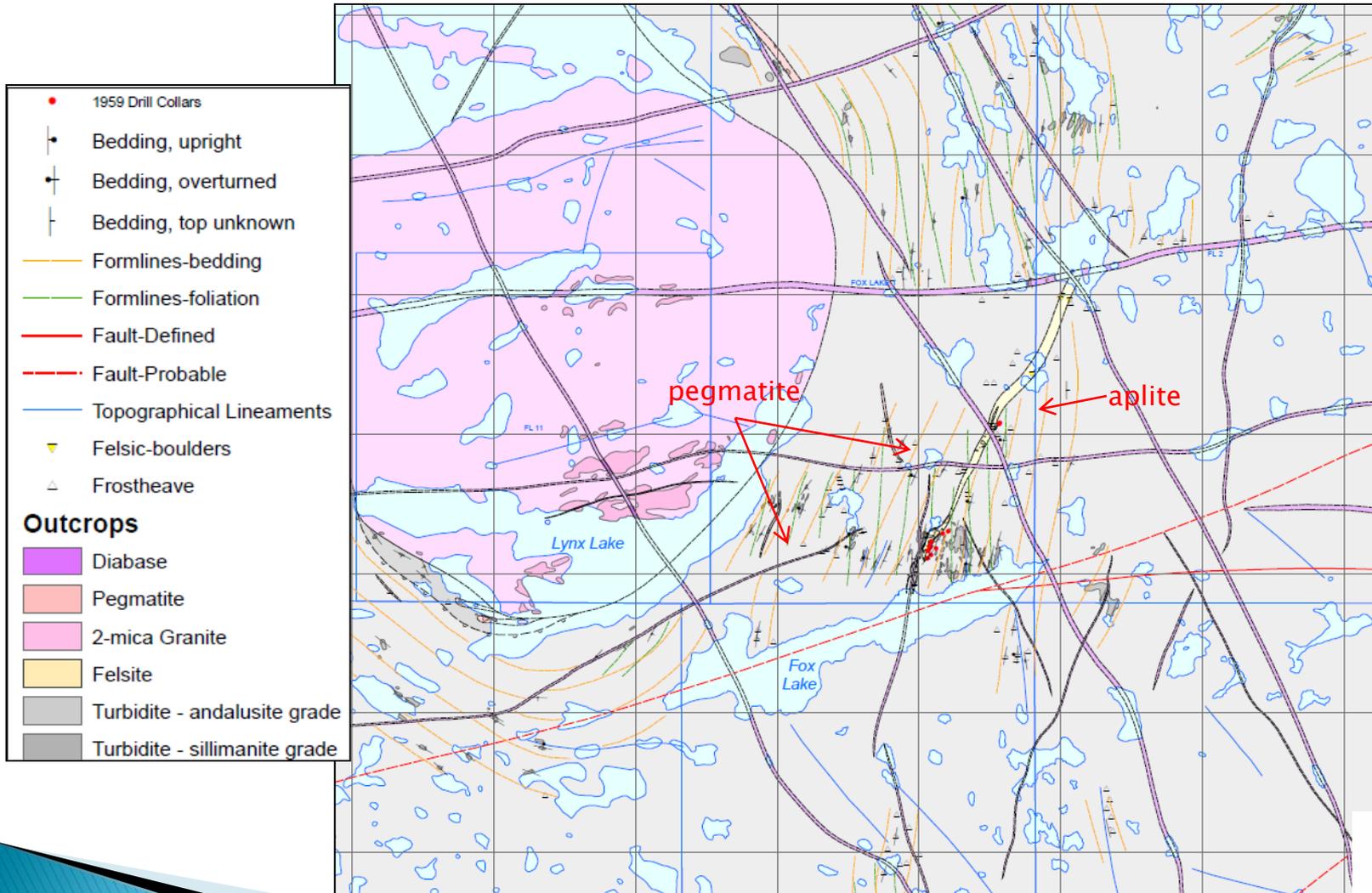
# Rock Sample ( $\geq 5\text{g/t Au}$ )



# Summary of Mineralization Investigation

- ❑ Fox Lake and Zena gold showings share same features in structural geology, petrology, and mineralization, which infers a 1.5 km long and 70–80 m wide NNE striking Fox Lake–Zena Gold Mineralization Belt.
- ❑ Gold mineralization happened near the intrusive contact of an aplite (light colour medium-fine grained monogranite/granodiorite and its country rock (biotite–quartz schist). The mineralization is narrower but higher grade in the vein side and wider but lower grade in the country rock side.
- ❑ Mineralization includes quartz vein, arsenopyrite, and minor galena.
- ❑ Appearance of visible gold indicates concentration of gold in the mineralization belt.
- ❑ Approximately 1 km to the northwest of the Fox Lake–Zena Gold Mineralization Belt, another gold showing was discovered during this investigation. It shares the same features of petrology and mineralization.

# Geological Mapping



1 km grid

# Geological Mapping

- “The north - central Fox Property is host to similar, albeit probably less complex, lithological and structural relationships as observed throughout much of the Slave craton. The exception is the presence of a zone of geochemically anomalous (unique?) felsite intrusions that is spatially associated with quartz veining and gold deposition at the Fox and Zena prospects. The felsite zone is characterized by multiple intrusions that locally attain composite widths of about 100m; maximum thicknesses of semi-continuous felsite are about 60m. The felsite zone (>20m width) is well constrained for about 1.2 km at a low angle to bedding within the host metaturbidites. Extrapolations of the felsite zone to strike lengths of at least 5.3 km are suggested by sporadic boulder distributions but the continuity and width of the zone within much of the intervening areas are poorly constrained.”
- “Zonal F2 folding of the felsite intrusions appears to be associated with quartz veining, brecciation, and gold deposition; the rheological contrast between the intrusive and enclosing metasedimentary rocks is deemed to contribute to the quartz and metal mobilization. To date, the greatest gold concentrations appear to be within 10 - 30m of the western (lower) contact of the thickest part of the felsite zone at the Fox prospect. Preliminary new targets should probably test F2 fold zones within and adjacent to thick parts of the felsite zone.”
- “With the newly determined drill - collar locations for 1959 drilling, the historical drill logs can be incorporated into a 3D model. In association with the current outcrop map, this may offer insights into the continuity of individual felsite intrusions and help evaluate the possible effects of fold repetition on apparent thicknesses of the felsite. It is hoped that newly acquired geophysical data can image the felsite zone (regardless of metal content). If so, primary targets would be relatively thick felsite zones that show evidence of “dextral deviations” that may reflect zones of Z - shaped F2 folding (in association with S2 oriented counter-clockwise to the felsite). Newly acquired geochemical data from till (and vegetation?) sampling may also highlight areas for further review.”

*(from the mapping report by M. Stubley)*







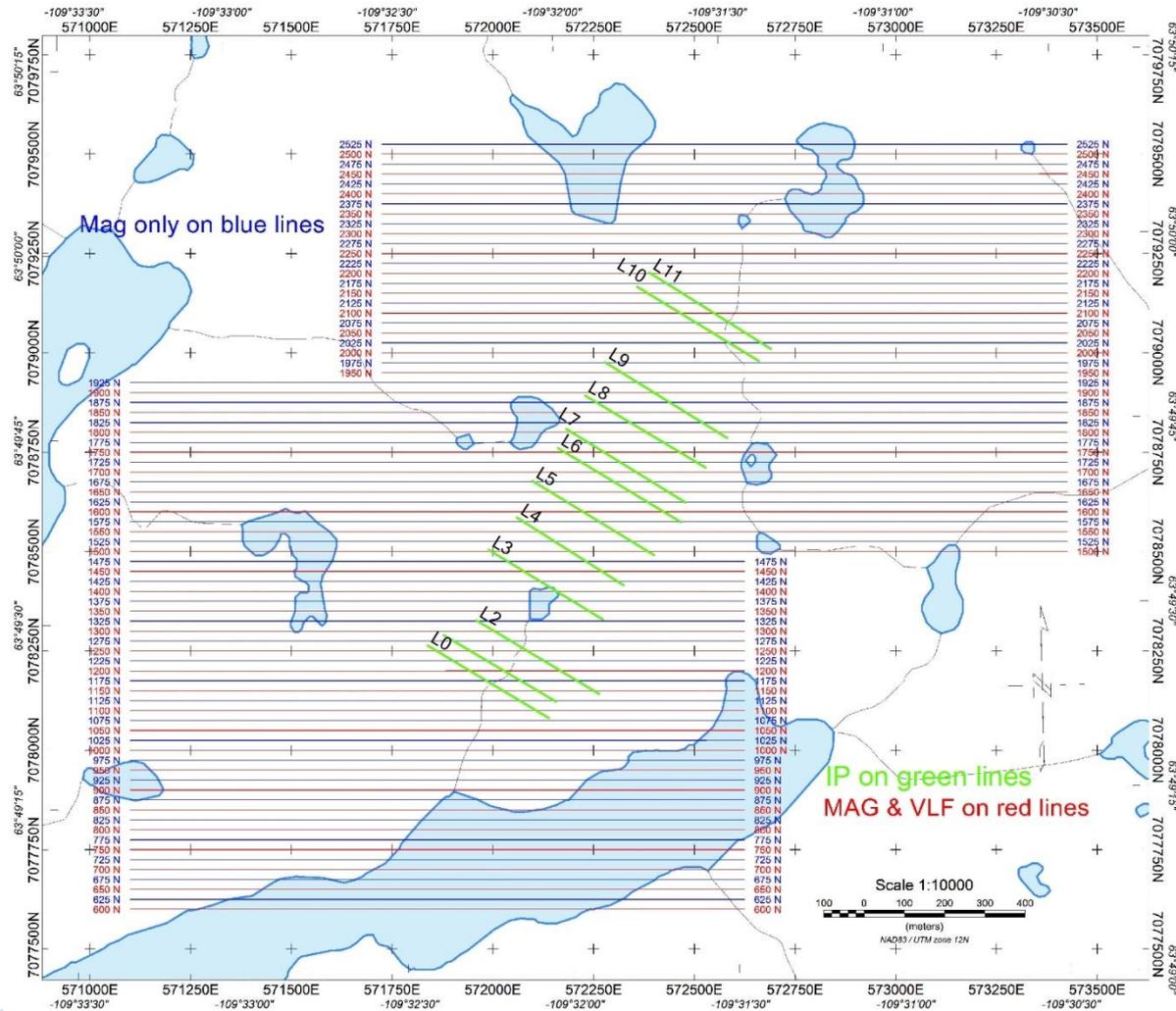




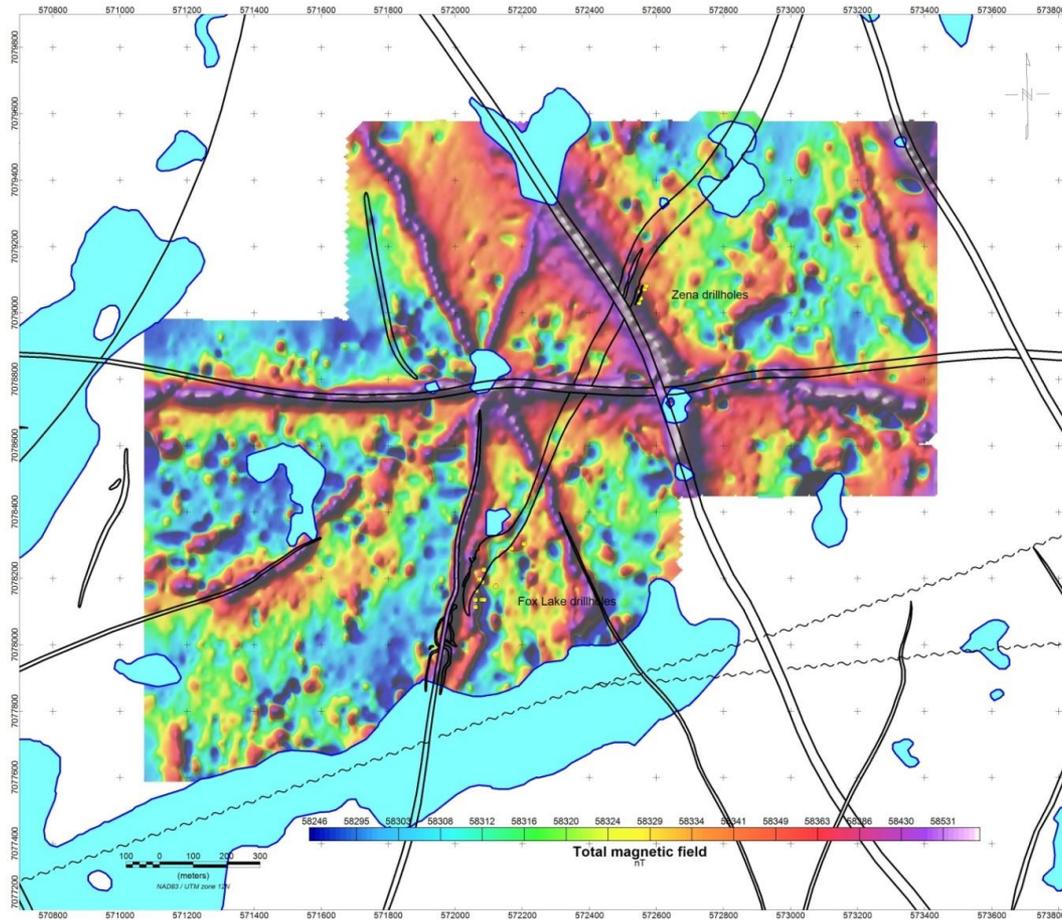




# Ground Geophysics

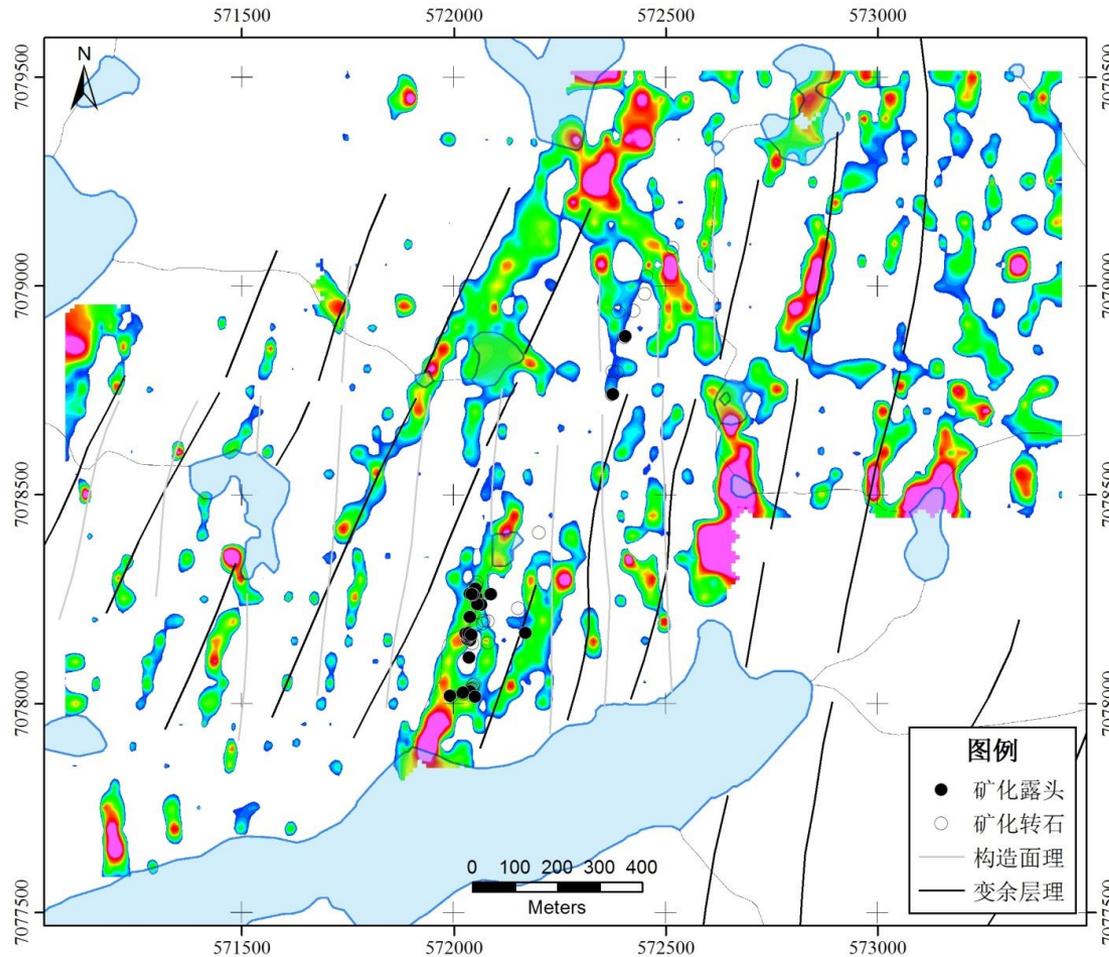


# Total Magnetic Survey



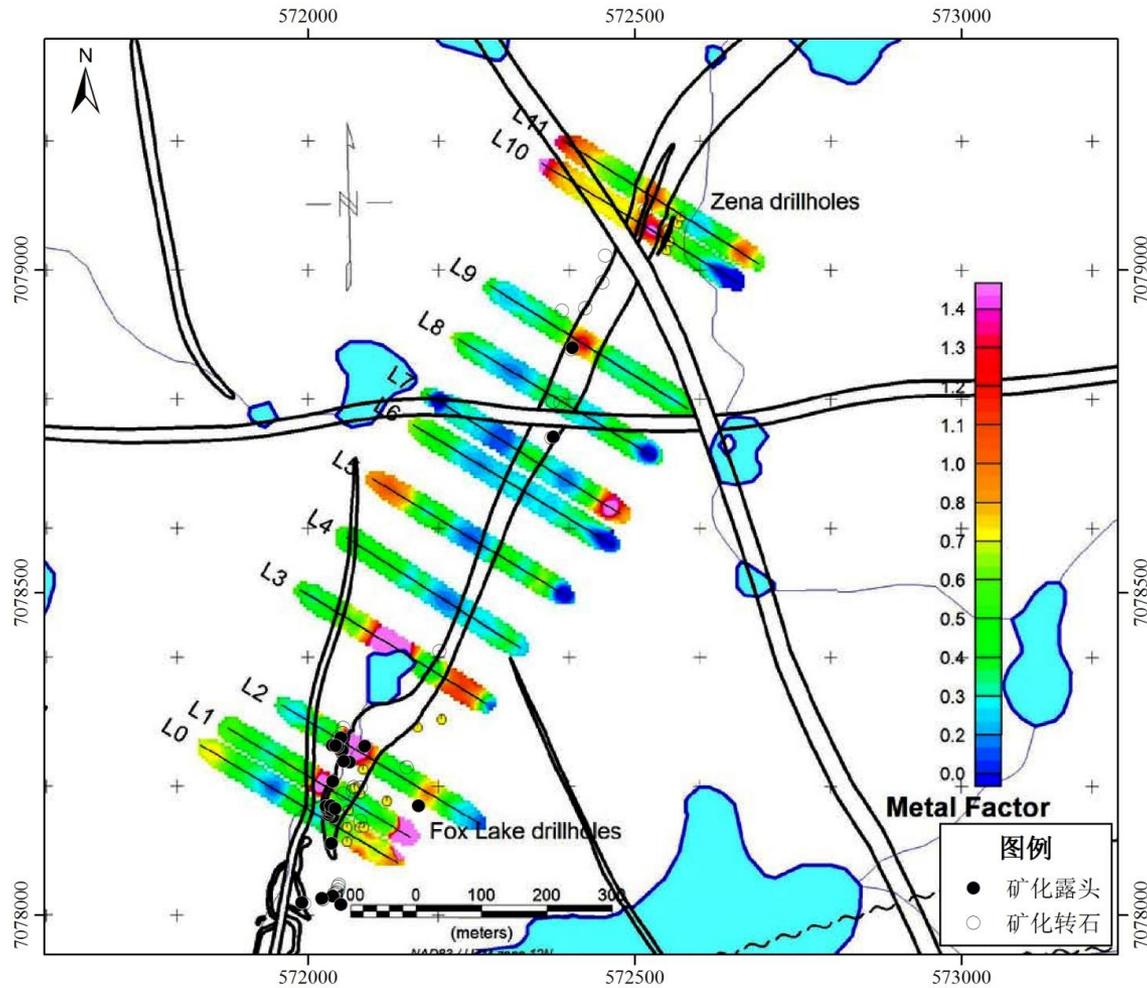
well indicated mafic dykes but not the Au-related aplite dyke

# VLF EM Survey



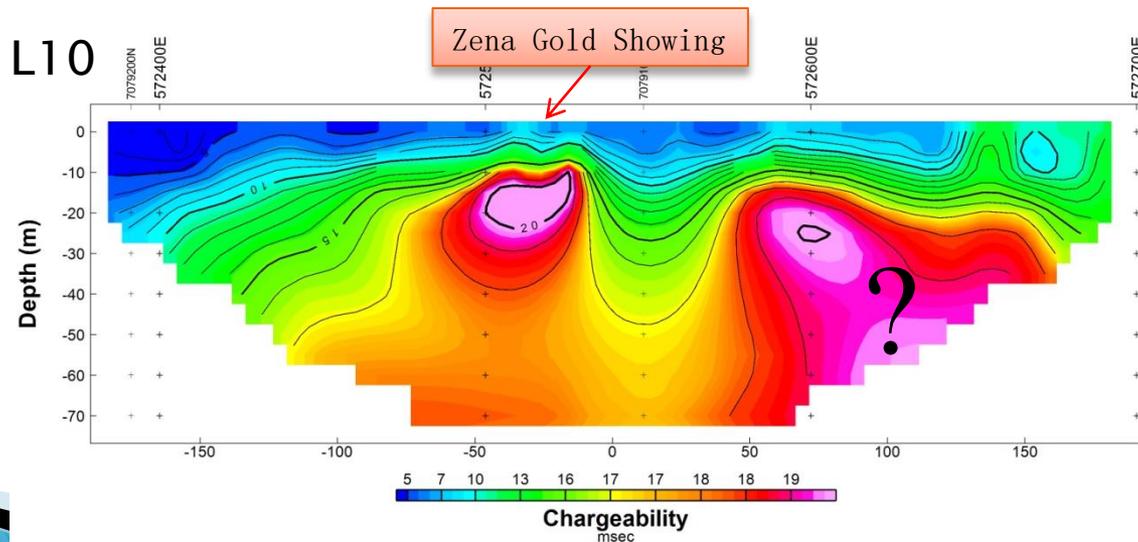
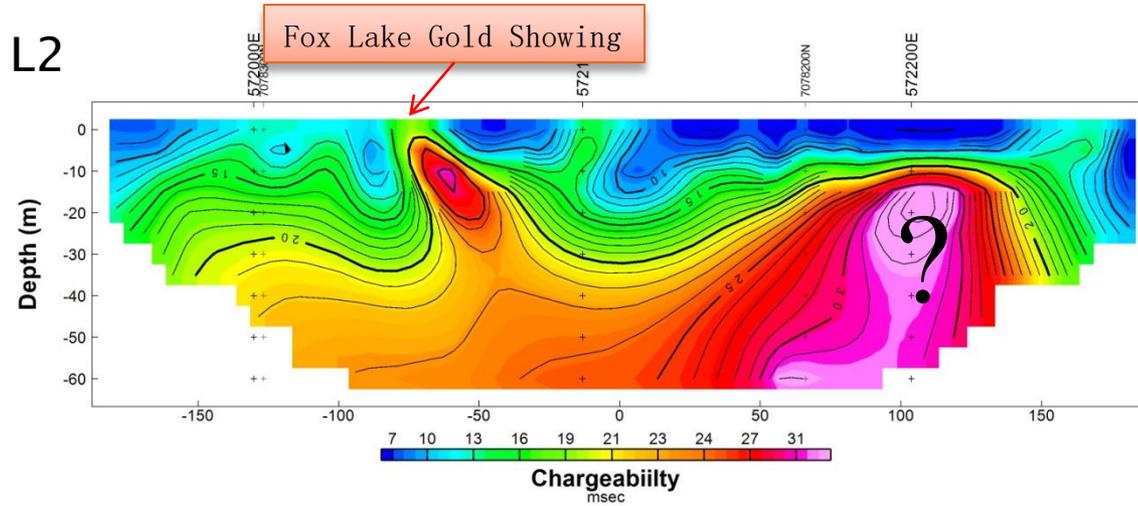
well indicated bedding of meta-sediments, and consistent with mineralization at the Fox Lake showing but not at the Zena showing.

# IP Survey (Metal Factor)

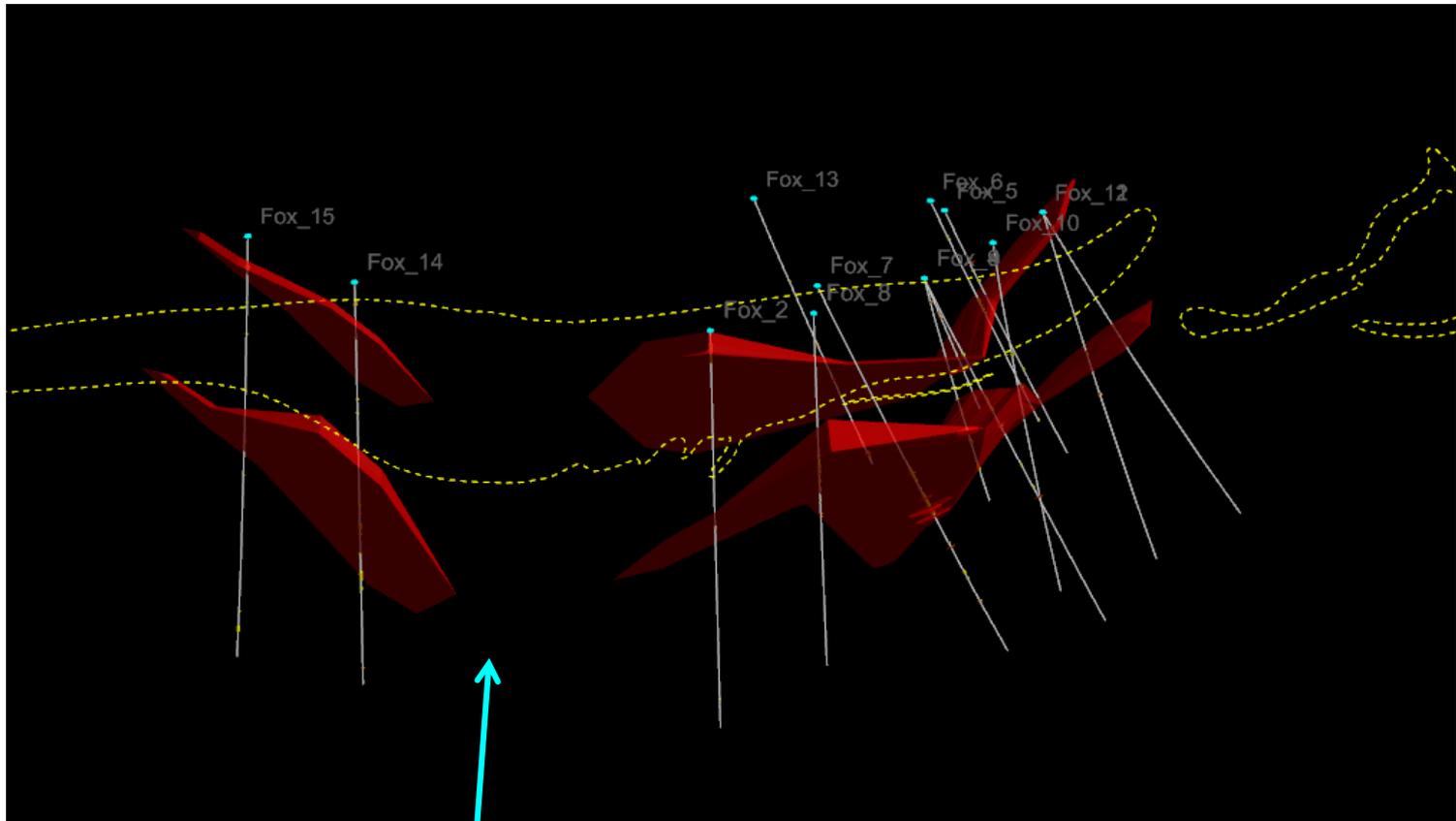


consistent with Au mineralization at both Fox Lake and Zena showings

# IP-Chargeability Profile

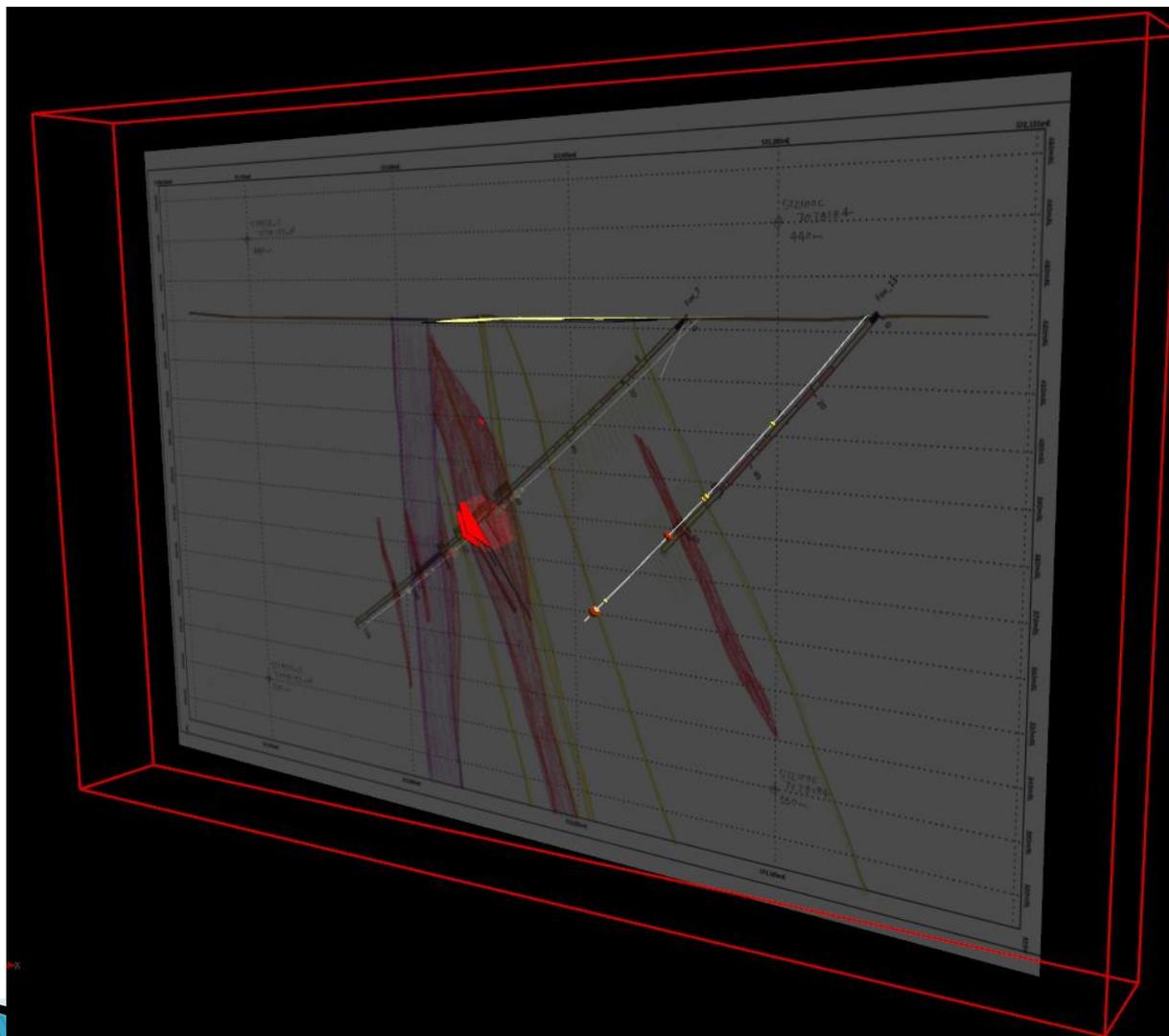


# Visible Gold Described in 12 DDHs out of 15 DDHs of the Diamond Drilling in 1959

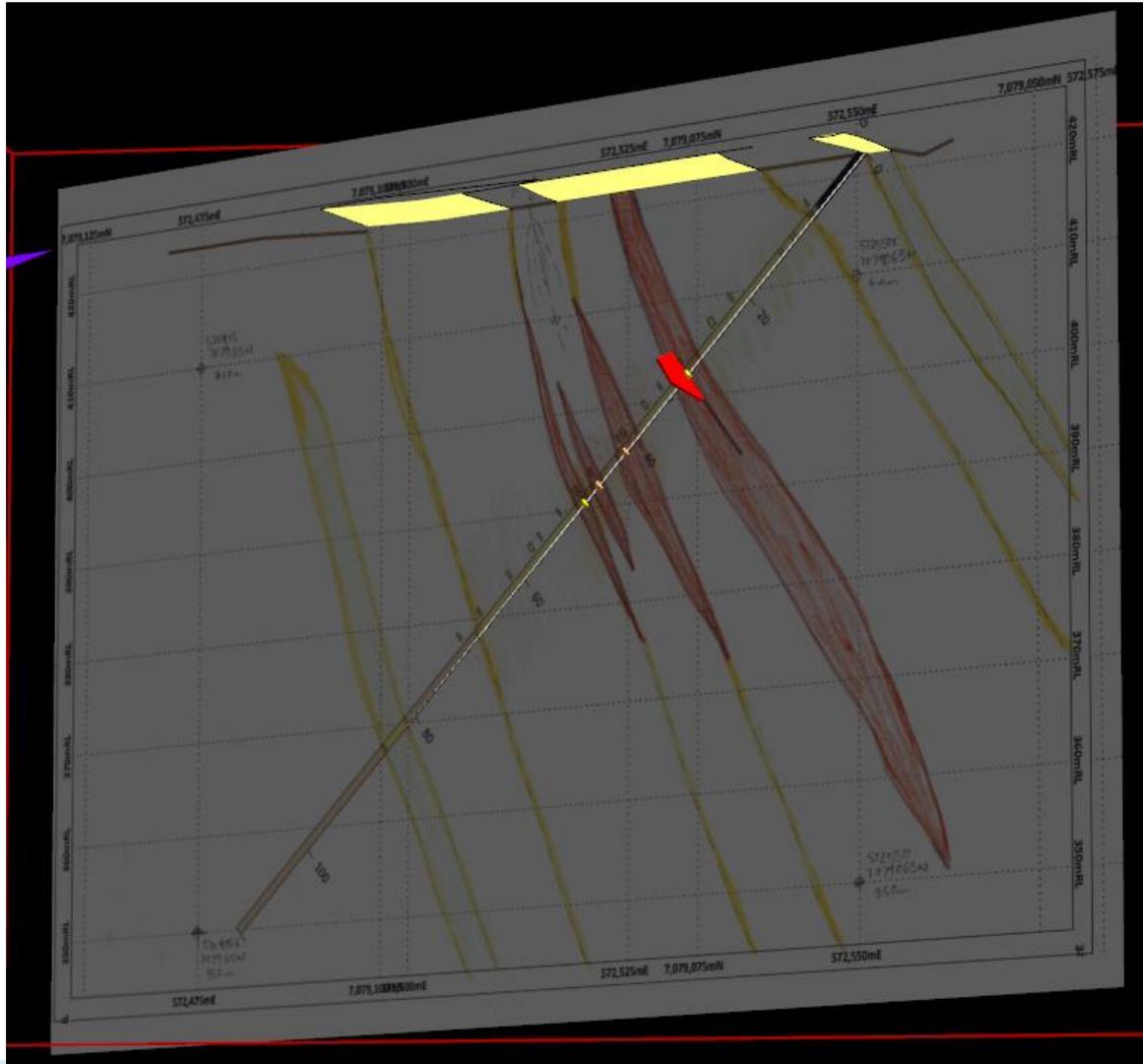


Fault? (Lineament analysis suggest fault here)

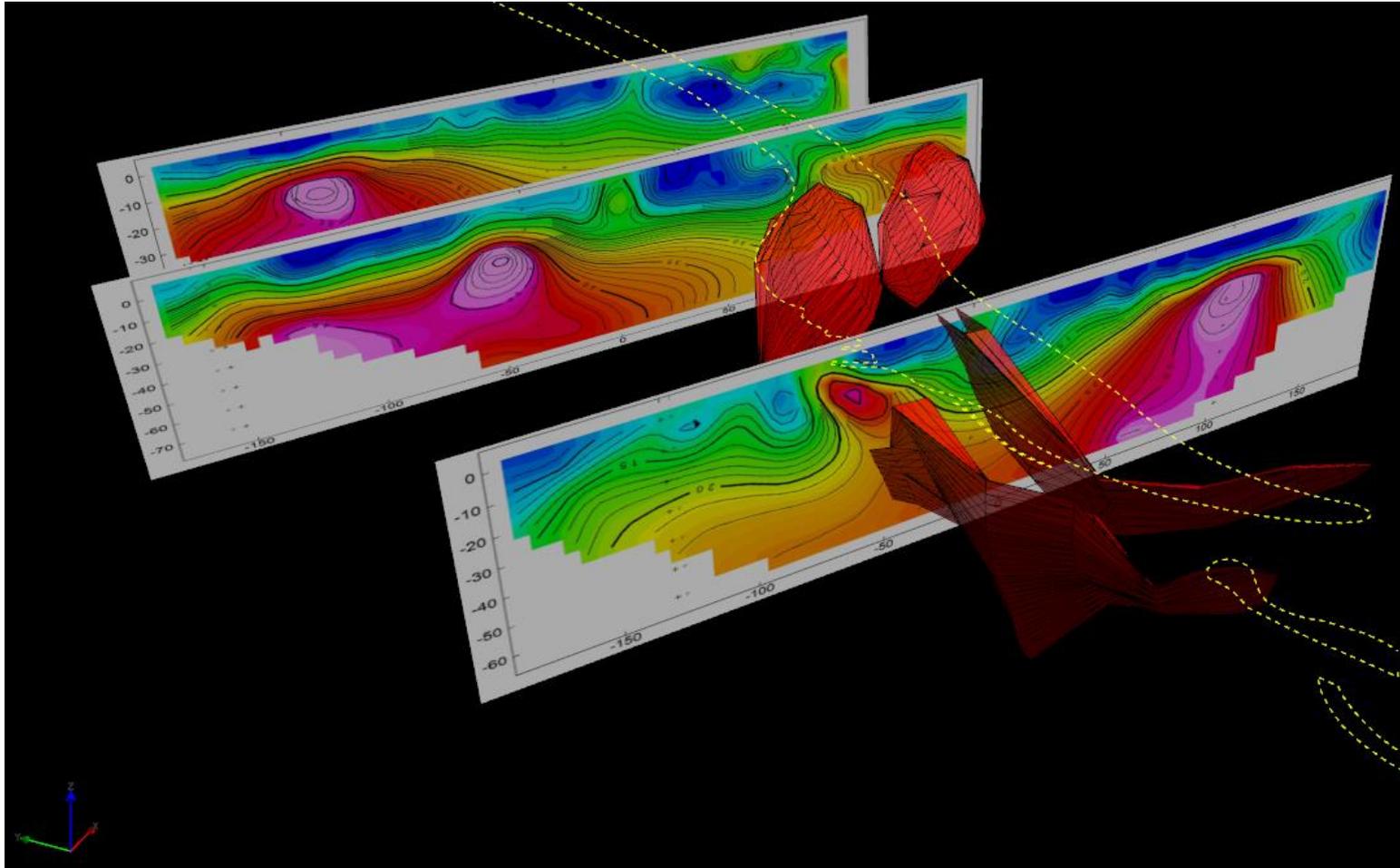
18 m @ 7 g/t Au in DDH #7 (DDH #13 was not deep enough to test the same section in depth)



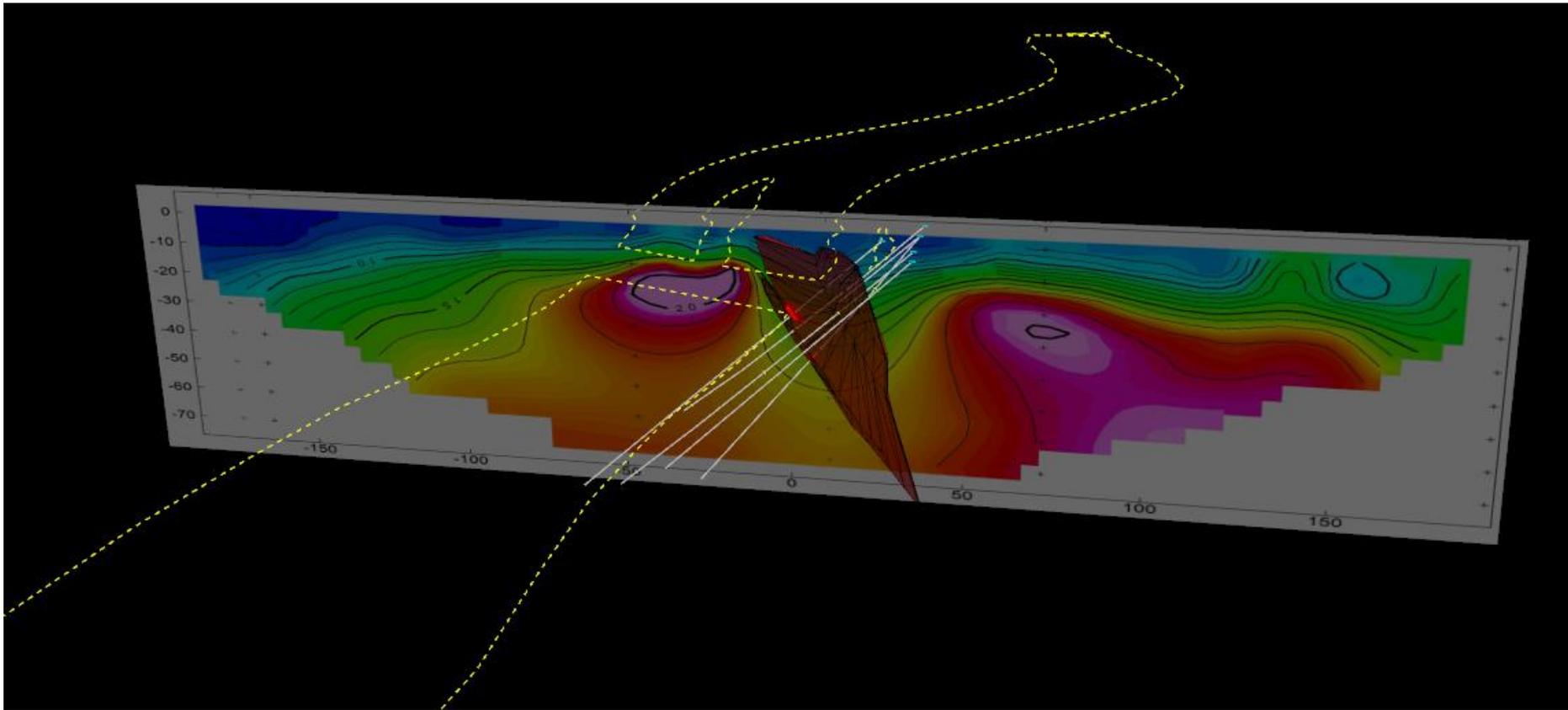
# The Zena Showing



# IP Chargeability Profile is consistent with the ore body at the Fox Lake Au Showing.



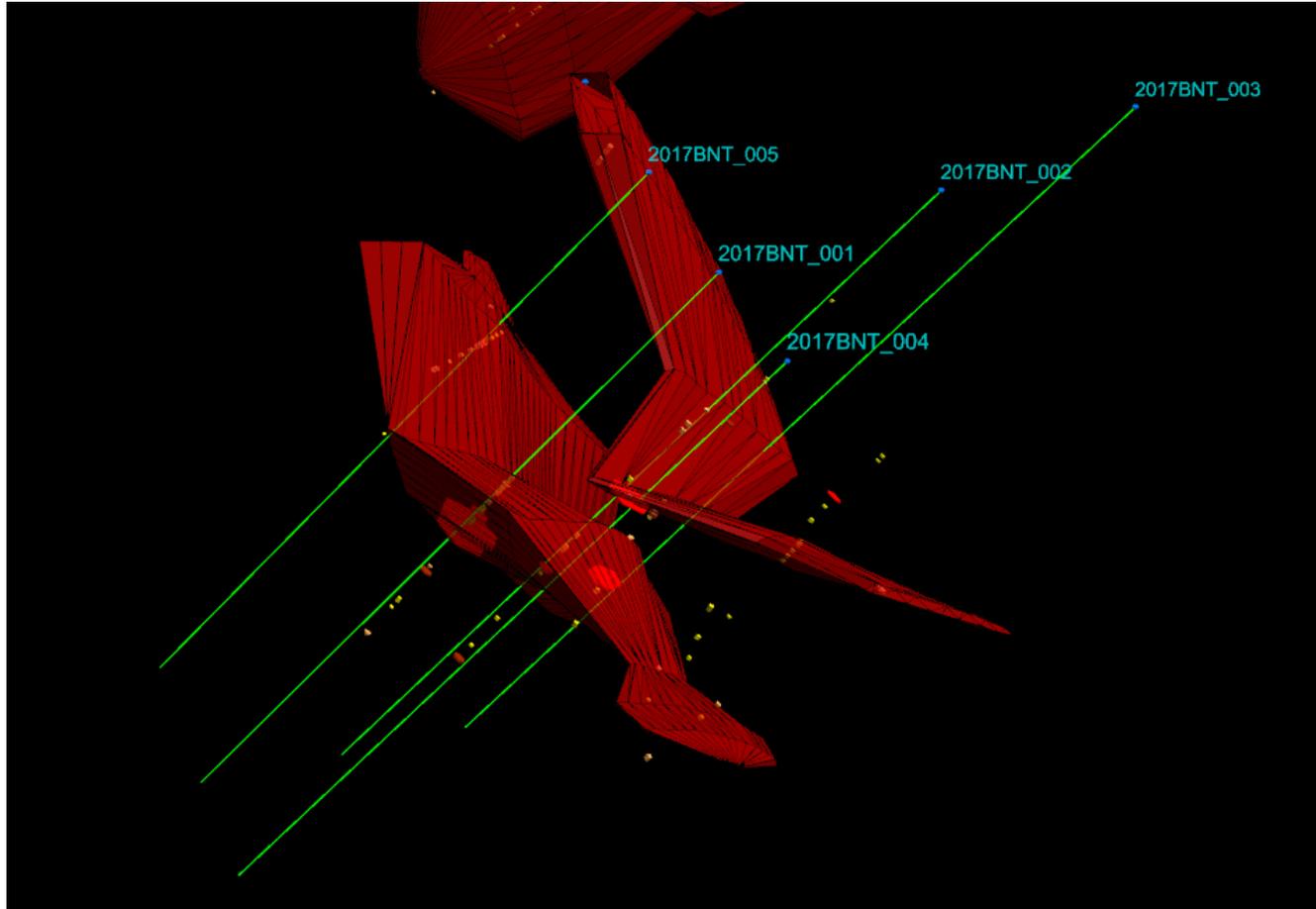
IP Chargeability Profile is also consistent with the ore body at the Zena Au Showing.



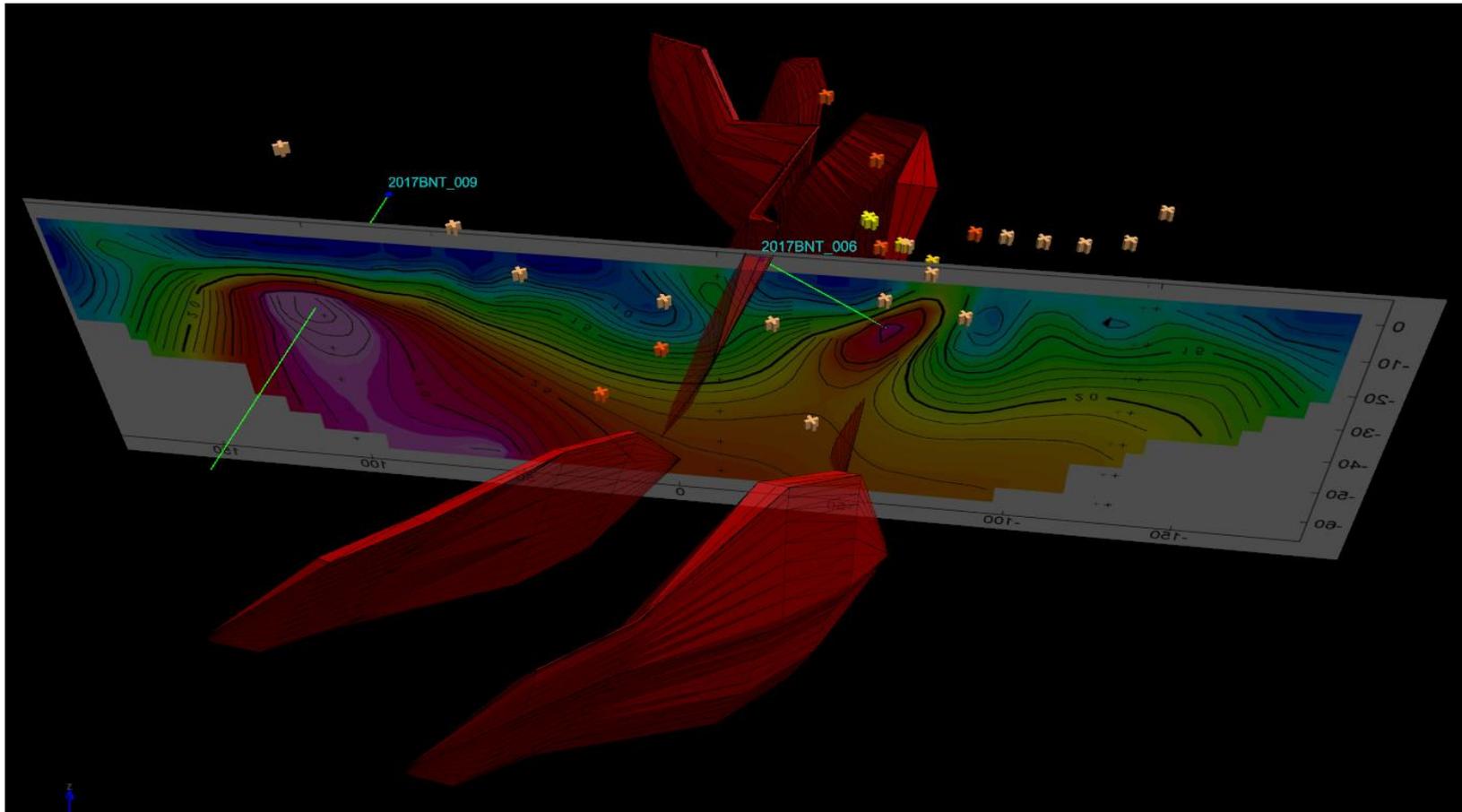
# Summary of 2016 Summer Exploration

- ❑ Fox Lake and Zena gold showings share same features in structural geology, petrology, and mineralization, which infers a 1.5 km long and 70–80 m wide NNE striking Fox Lake–Zena Gold Mineralization Belt.
- ❑ Mineralization includes quartz vein, arsenopyrite, and minor galena. Investigation of outcrops and boulders indicates the mineralization is broadly low grade (0.3–0.4 g/t) with locally high grade (>1 g/t) with visible gold.
- ❑ Results of soil sampling and IP survey are consistent with the mineralization investigation of both Fox Lake and Zena gold showings.
- ❑ Rock sampling and till sampling revealed more Au anomalies, which needs to be verified by more detailed investigations.

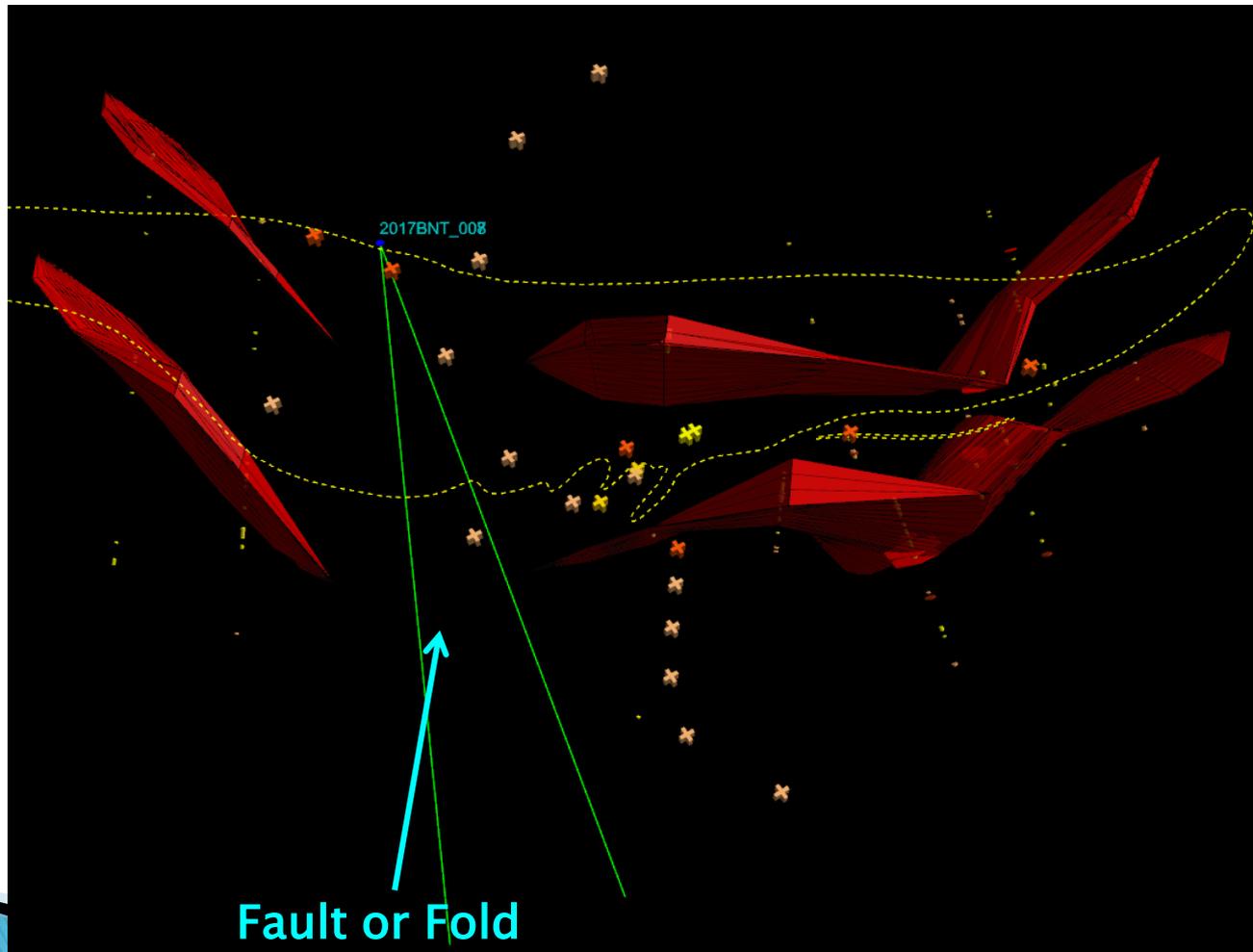
# Fox Lake: Proposed Drilling in Summer, 2017 - To Verify Historical Drillings



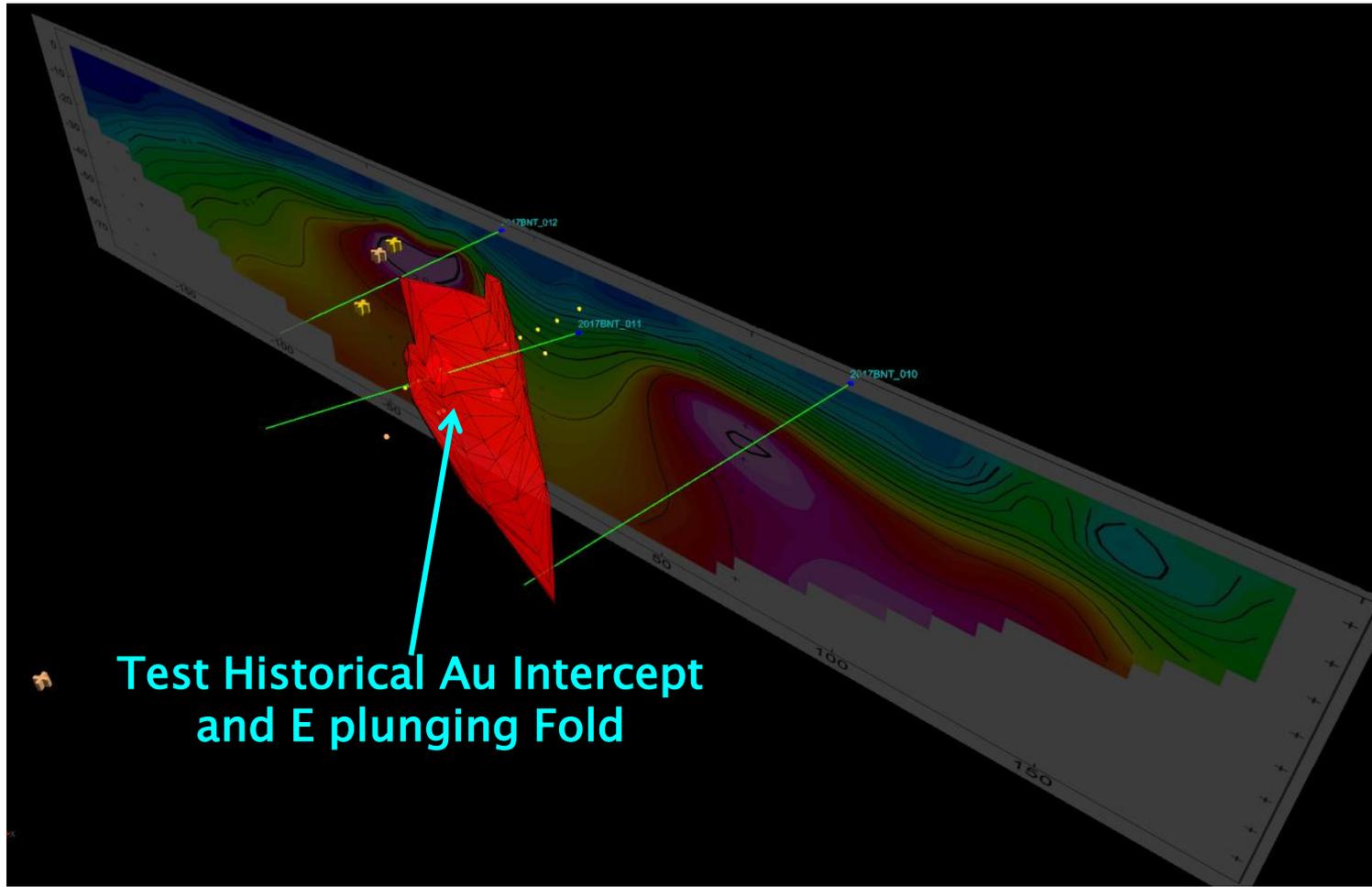
# Fox Lake: Proposed Drilling in Summer, 2017 - To Test IP Chargeability Anomalies



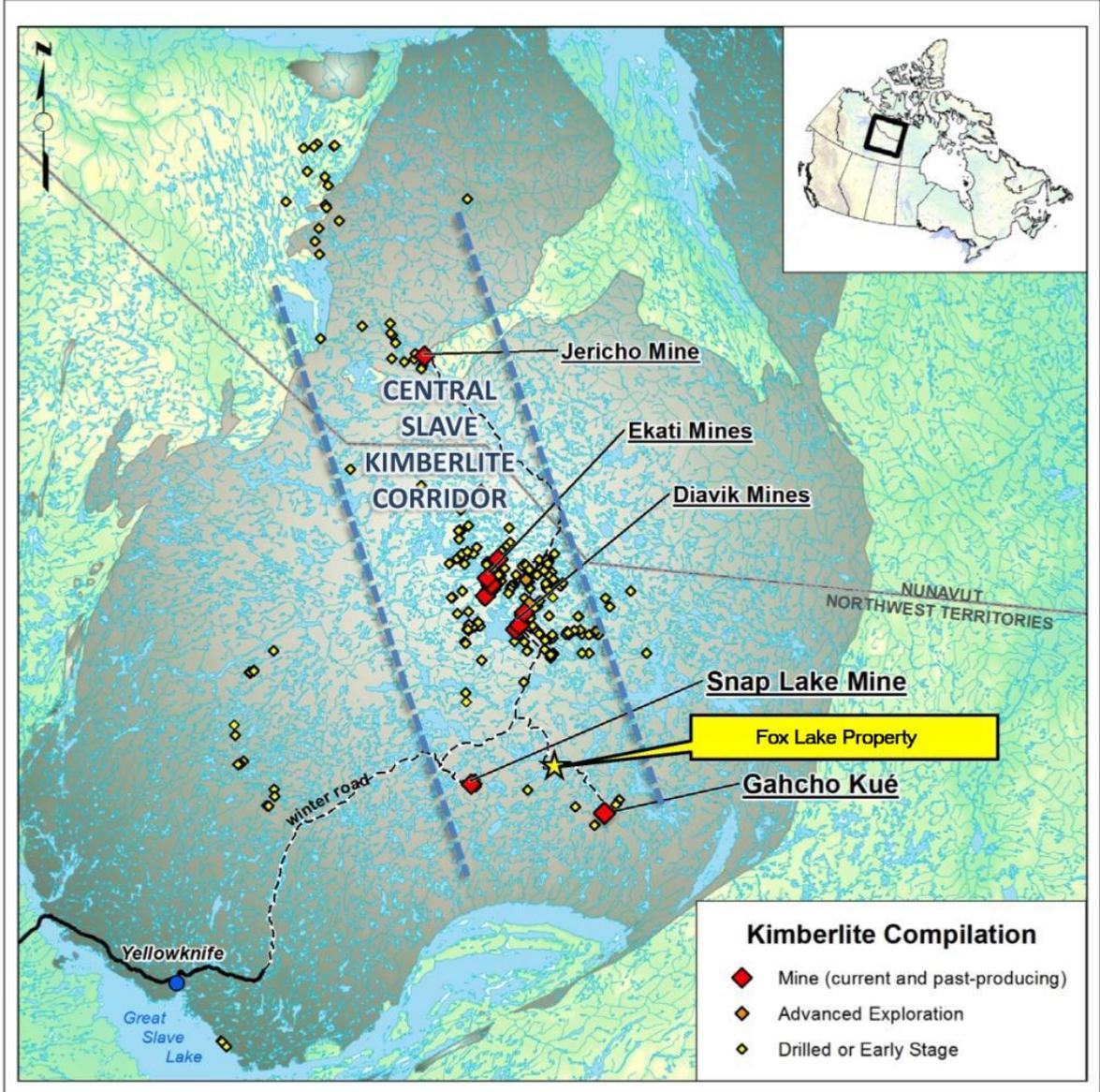
# Fox Lake: Proposed Drilling in Summer, 2017 - To Test Fault Zone



# Zena: Proposed Drilling in Summer, 2017 - To Test IP Chargeability Anomalies



# Diamond Exploration Potential at Fox Lake





# Conclusions

- GTGold is going to go to public listing. Ongoing work will soon support a valuation in line with comparables.
- The Fox Lake Project is a golden opportunity in this new gold zone.
- 106km<sup>2</sup> property, wholly owned by GTGold, was carefully assembled by a world-renowned gold expert.
- Situated within a district flattening land and easily accessible by winter road.
- Nearby Diamond open pit mine offers excellent transportation and energy infrastructure for the project
- Highly experienced management and technical team with excellent knowledge of regional geology and a history of discovery in the district.
- Multiple gold and diamond targets extending to 3.5 km in length, multiple chances to make an economic discovery.
- Drill tested and proved gold deposits.

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