



TAUT PORPHYRY

COPPER-GOLD MOLYBDENUM

YUKON – WHITEHORSE MINING DISTRICT

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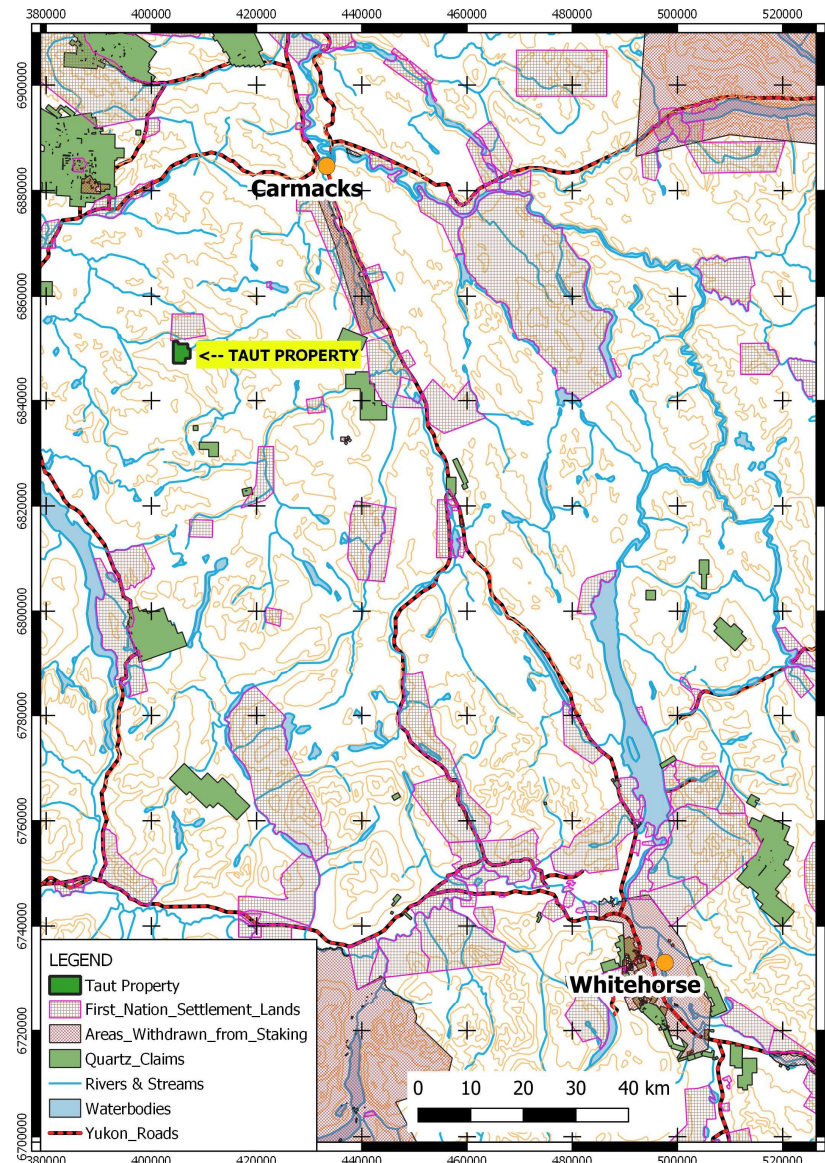
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Project Location

- In the Traditional Territory of the Little Salmon Carmacks First Nation (LSCFN) and the Champagne and Aishihik First Nation (CAFN).
- Whitehorse Mining District, Yukon
- 150 kilometres northwest of Whitehorse and 43 km southwest of Carmacks, Yukon (and Klondike highway).
- 55 minute helicopter trip from Whitehorse

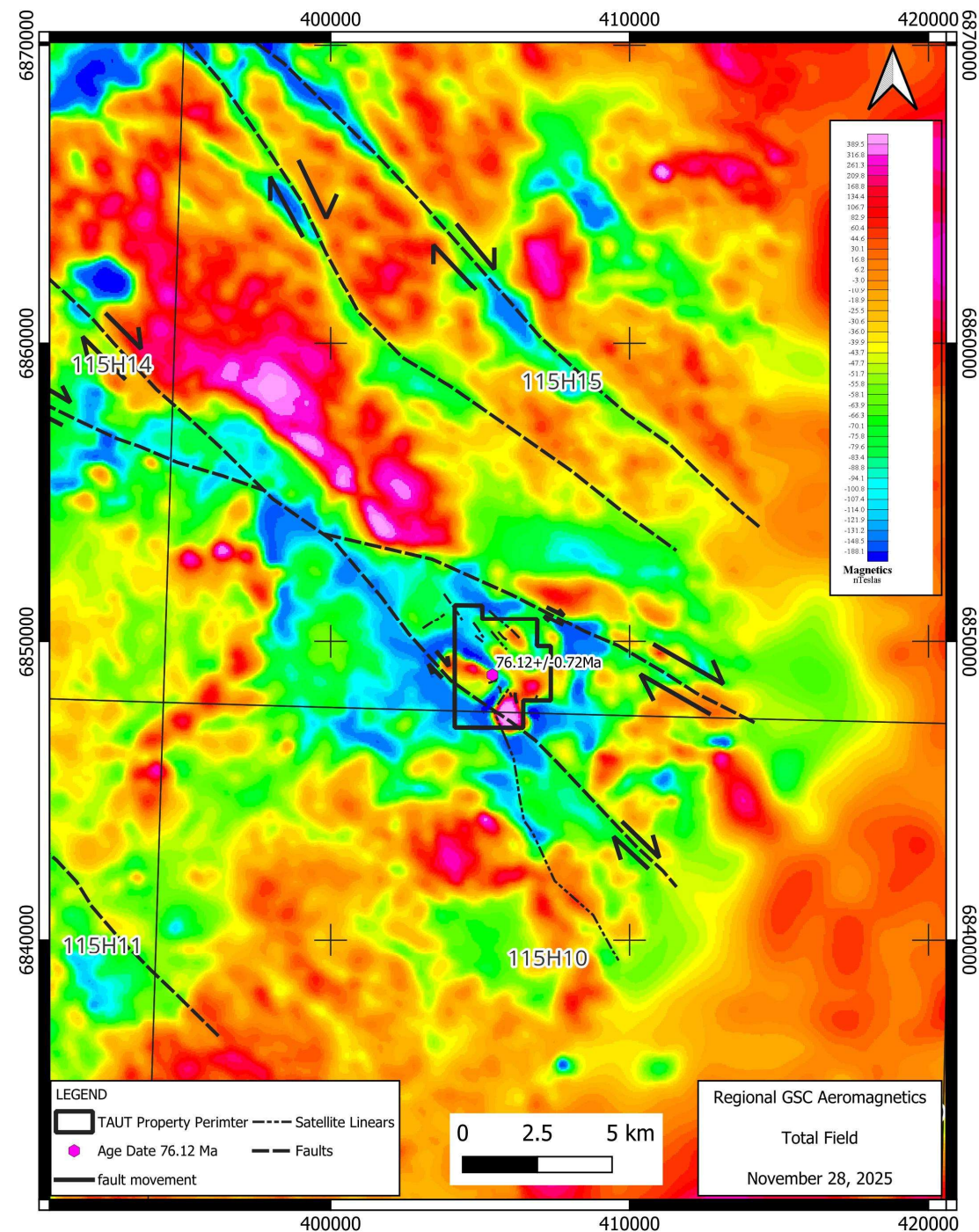
Location map: Taut Project, Yukon Territory



An Under Explored Calc Alkaline Porphyry Intrusion Related Gold-Copper- Molybdenum System

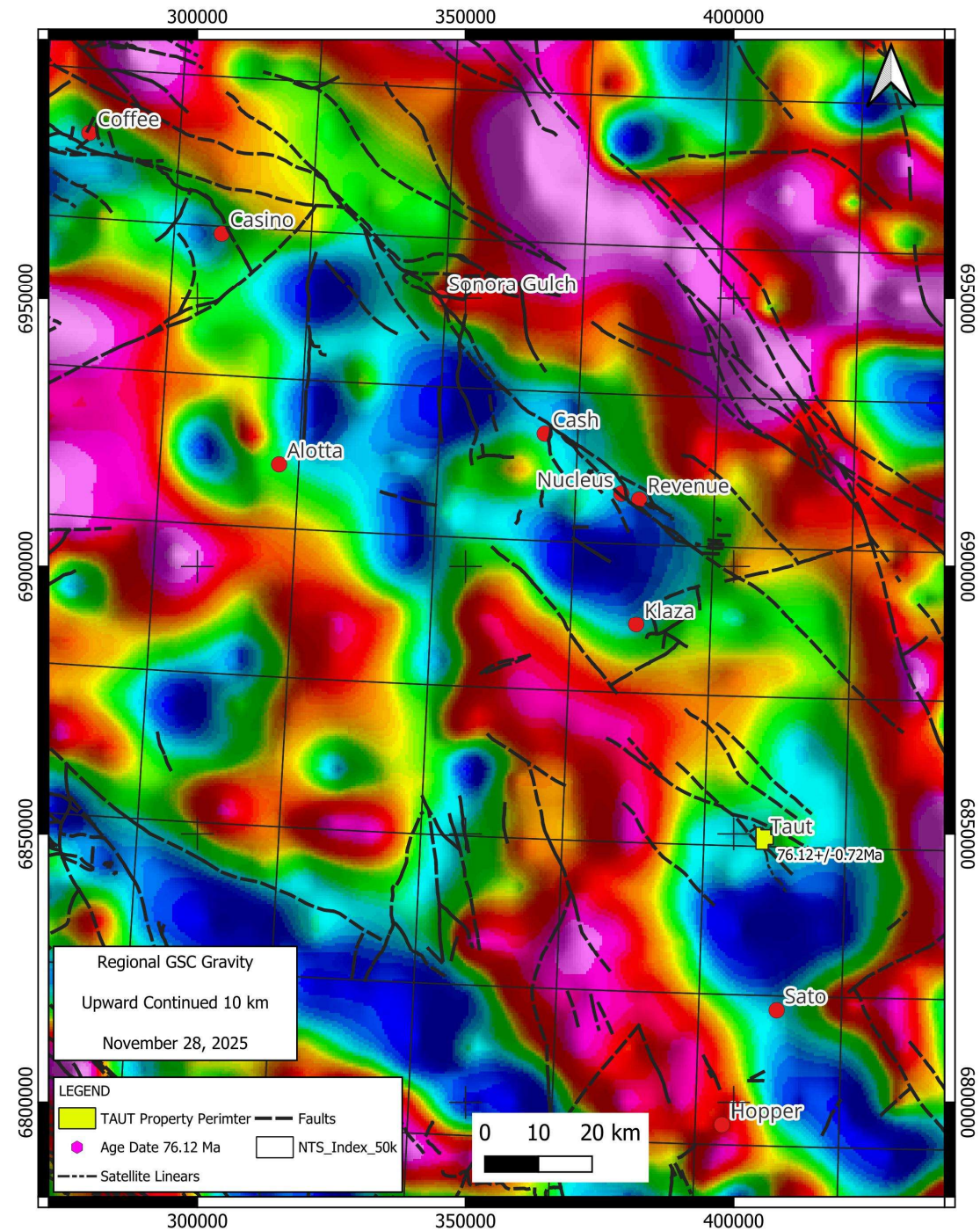
Typical aeromagnetic signature of a calc-alkaline porphyry intrusion system

- Magnetic annular low surrounding a number of magnetic highs.
- Quartz veins containing molybdenum.
- Soil gold anomaly in area of 76.12 Ma age dated porphyry intrusion.



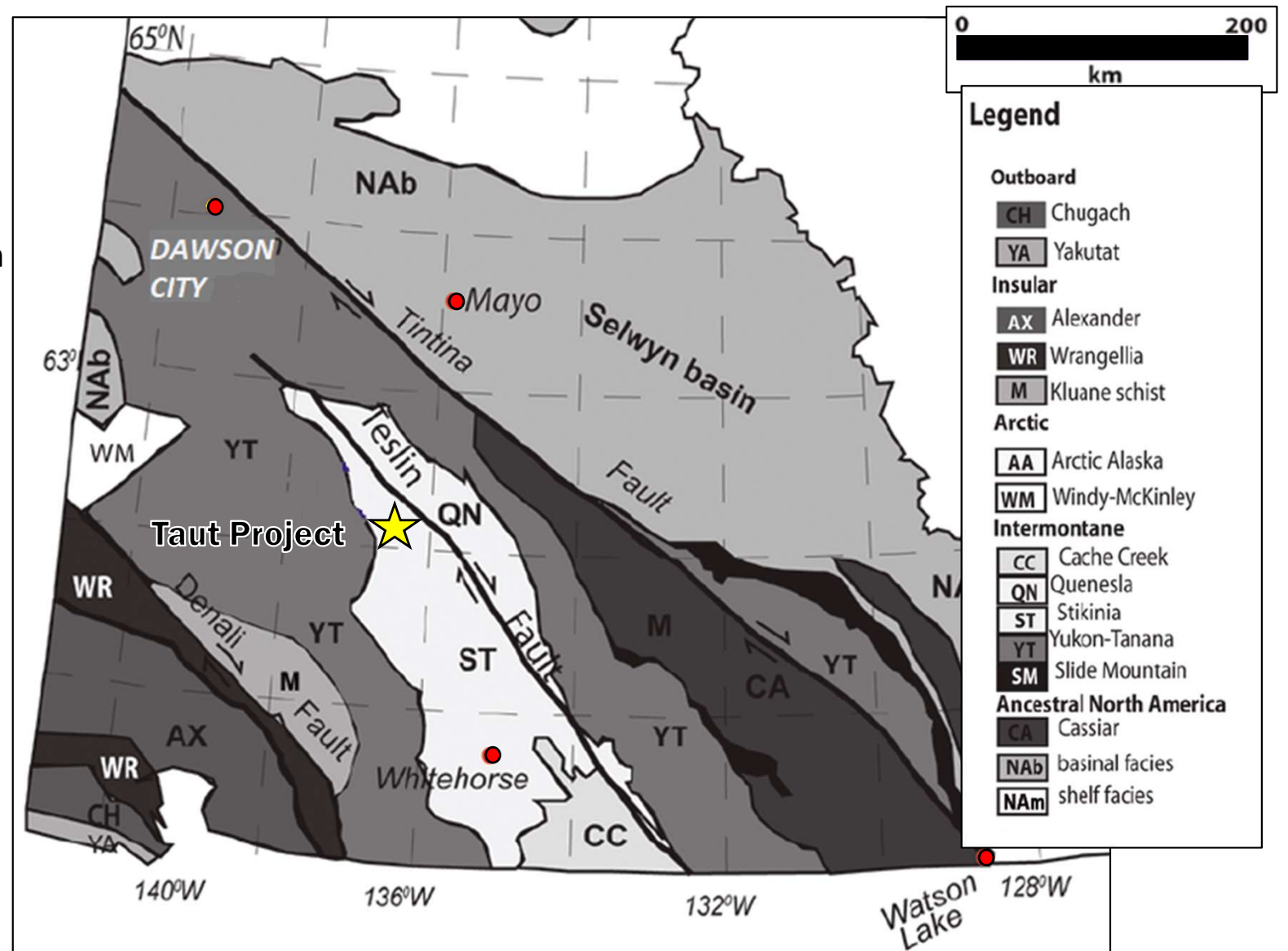
Regional Gravity

- Gravity lows (light crust) are thought to be underlain by Late Cretaceous granitoid intrusions.
- Porphyry and vein deposits are located on margins of lows (granitoid intrusions) where rheology contrasts are greatest.
- Regional strike slip faults provide structural conduits for intrusions and mineralizing fluids.



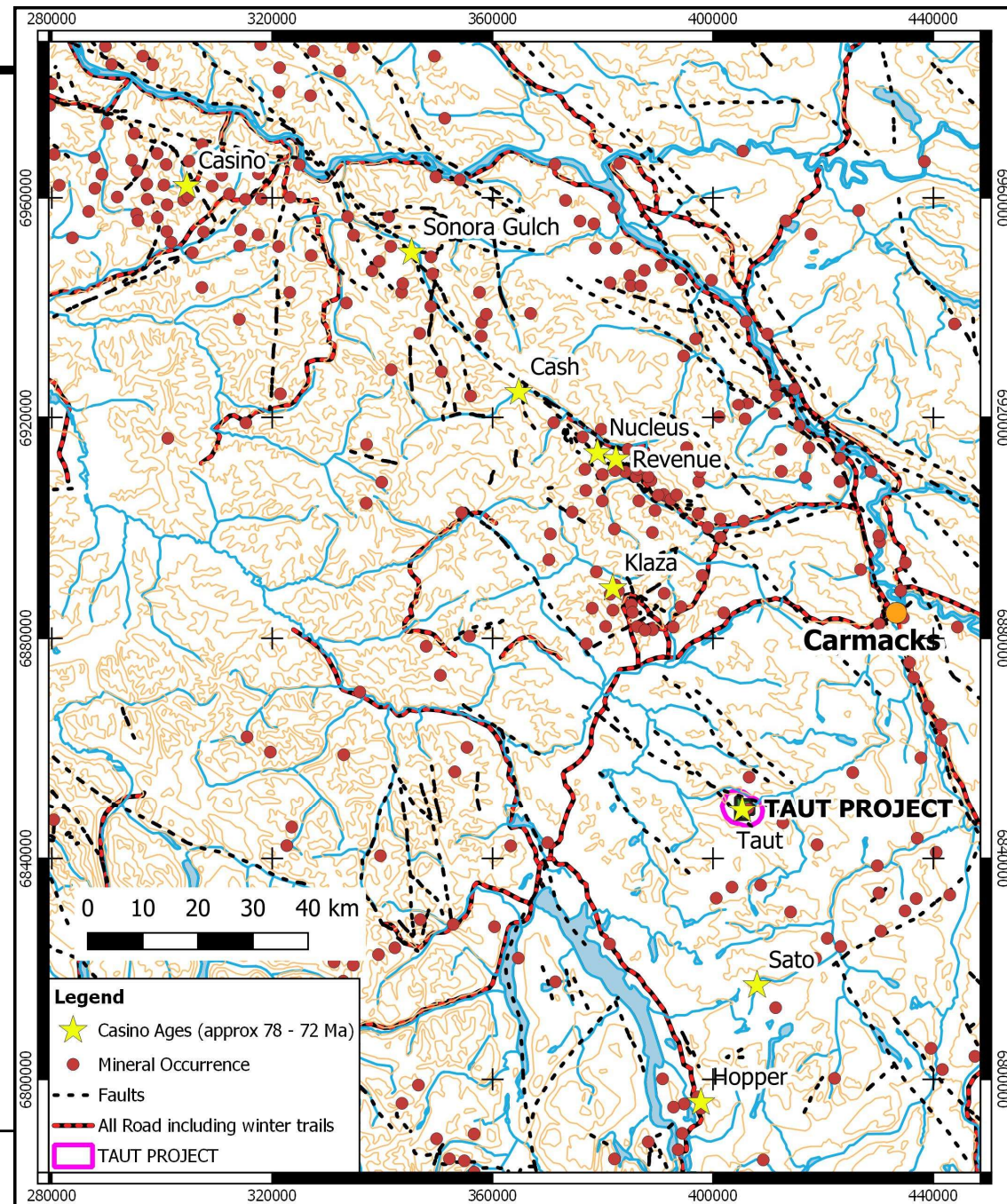
Tectonic Setting

- On the margin of Whitehorse Trough, near the boundary between Stikinia and Yukon – Tanana Terranes.



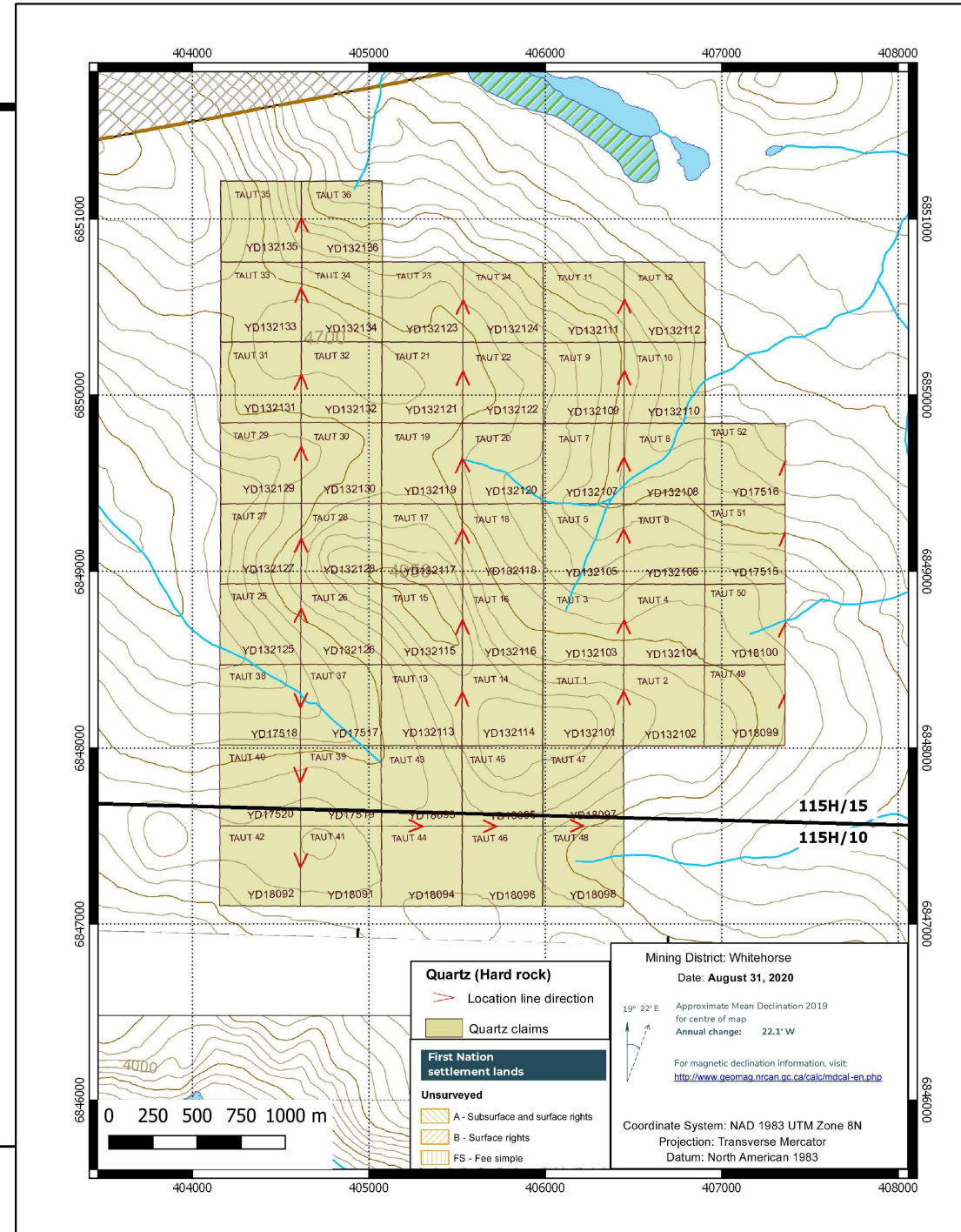
Project Overview

- The Taut Project claims cover one of many Casino aged (72.12 +/- 0.72 Ma) porphyry copper-gold-molybdenum porphyry and precious metal deposits and occurrences.
- Casino aged mineralization found in a northwest trending arc extending over 200 km.
- Located along a long-lived northwest trending fault structure on the margin of the highly prospective Stikine Terrane (Whitehorse Trough).



Tenure

- 52 mineral claims (Yukon Quartz Claims)
- approximately 1086 hectares (2683 acres)
- William Mann, 100% registered owner
- No incumbrances on claims
- Class 1 Exploration Permit
- on NTS map sheet 115H/15 and 115H/10 in the Whitehorse Mining District, Yukon



Mineral Occurrence History

3 diamond drill holes - 271 m total testing for porphyry mineralization (1980):

- Noranda in late 1970's explored project area by mapping, stream sediment & soil geochemistry, ground geophysics, and 3 exploration drill holes testing IP anomalies.
- An IP survey in 2013 confirmed and refined the Noranda IP chargeability anomaly. Two of the Noranda drill holes are on the margins of the strongest IP anomalies.
- In 1980 Noranda drilled three shallow diamond drill holes (total 271 m) testing IP anomalies in the overburden covered Mystery Bowl target. Overburden in the drill holes ranged from 11 m to 26.5 m.
- Highest values in reanalysis of drill core: 170 ppb Au, 1134 ppm Cu, 229 ppm Mo.
- Previous work is available in assessment reports. Core stored at YGS core library.

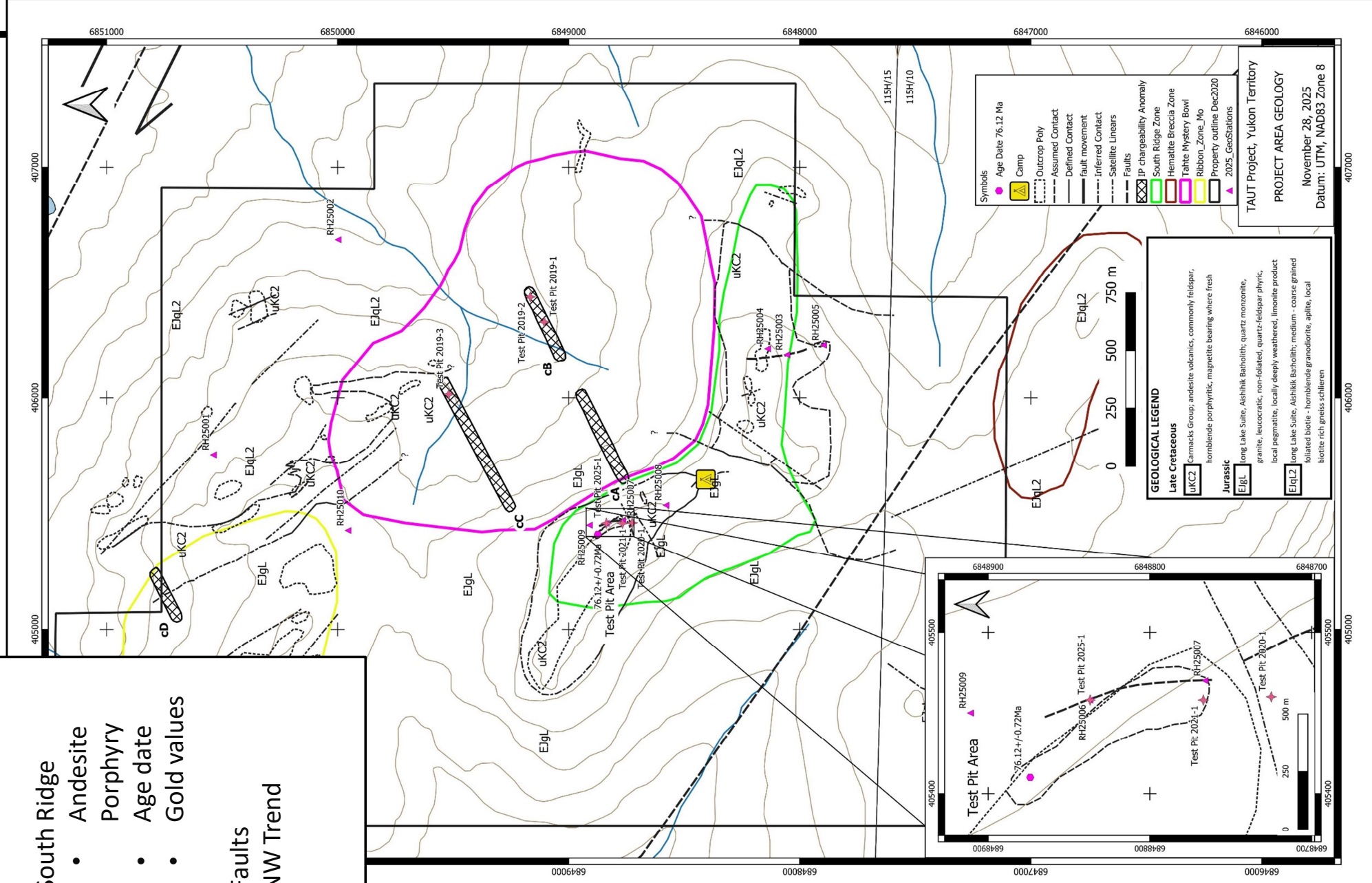


Prospective Ground Intruded by Late Cretaceous (Casino age) Granitoid

- Prospective metal rich area bounded in part by regional northwest trending strike-slip faults and intruded by a by a Late Cretaceous (72.12 +/- 0.72 Ma) Casino age granitoid intrusion.
 - Never explored as a precious metal target prior to 2019, gold soil anomaly (>5 ppb to 1018.2 ppb Au) extends 3.5 km northwest by 2 km in width.
 - Resampling of remaining drill core in 2010 yielded an intersection of 65.53 m with 60 ppb Au, 549 ppm Cu and 46 ppm Mo (including 7.5 m of missing core with no values). Highest values 170 ppb Au, 1134 ppm Cu, 223 ppm Mo.
 - The overburden covered Mystery Bowl is approximately 1300 m in diameter.
 - Typical aeromagnetic signature of a calc alkaline porphyry Cu-Au-Mo system; an annular low surrounding a number of magnetic highs.
 - Highly anomalous gold values located south and north of the Mystery Bowl.
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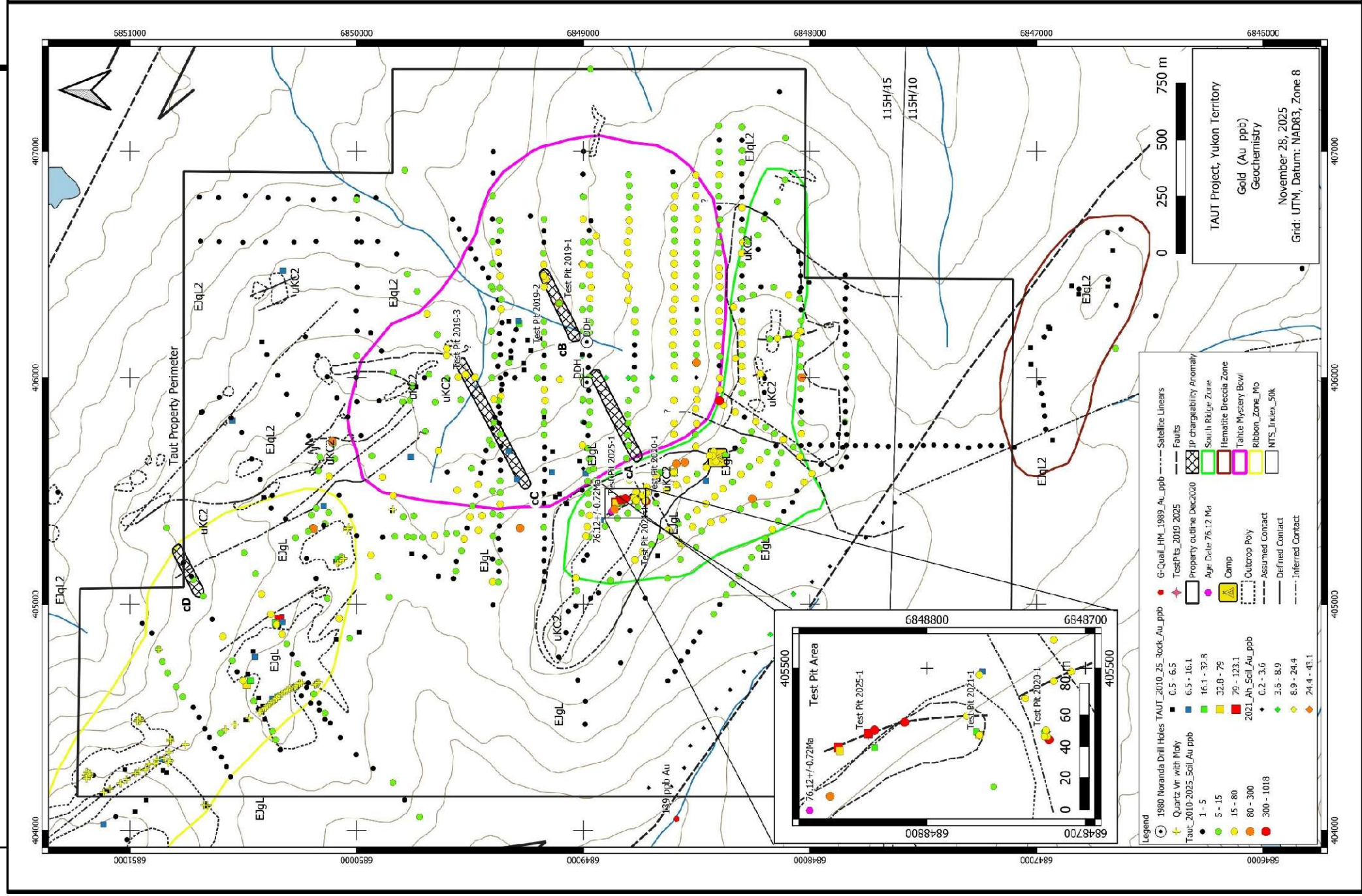
Project Geology

- Multiple Zones:
- Ribbon Mo
- Mystery Bowl
 - Overburden
 - Drilled
 - IP
- South Ridge
 - Andesite
 - Porphyry
 - Age date
 - Gold values
- Faults
- NW Trend



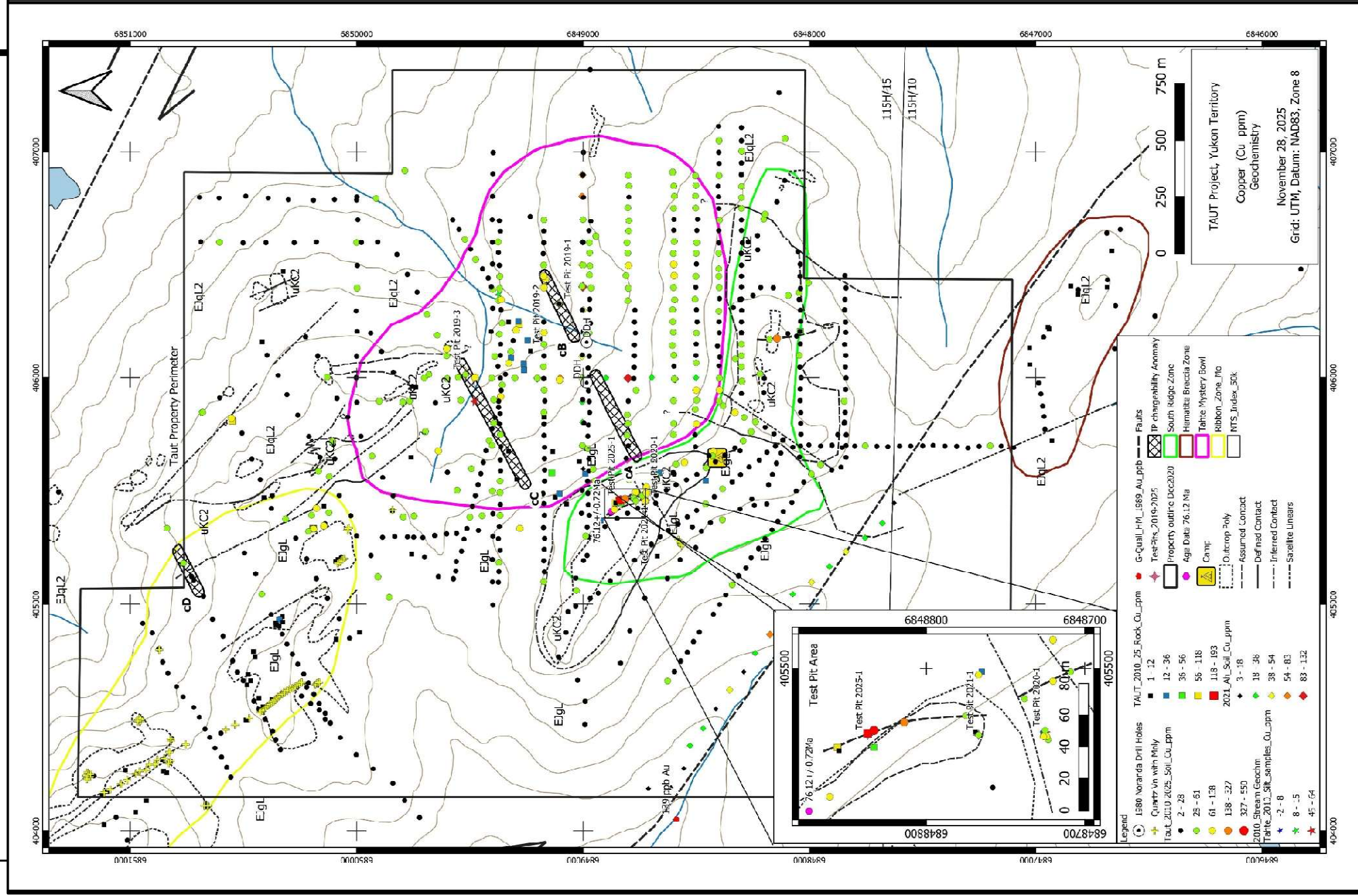
Gold Geochemistry

743 B-C Horizon soil samples
 47 Ah Horizon soil samples
 Anomaly 3.5km by 2km (>5 to 1018 ppb Au)



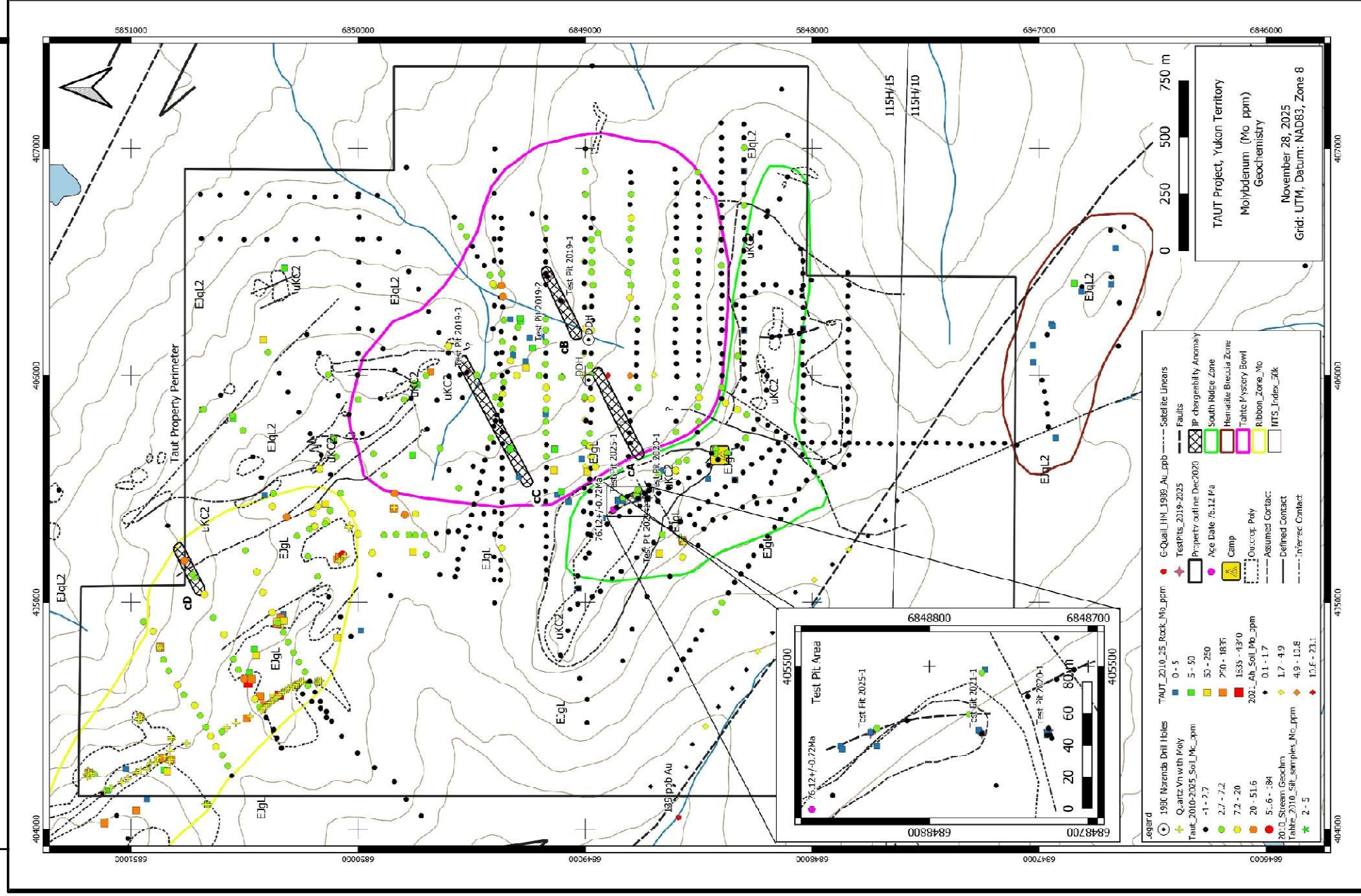
Copper Geochemistry

- Higher values centered over the Mystery Bowl Target



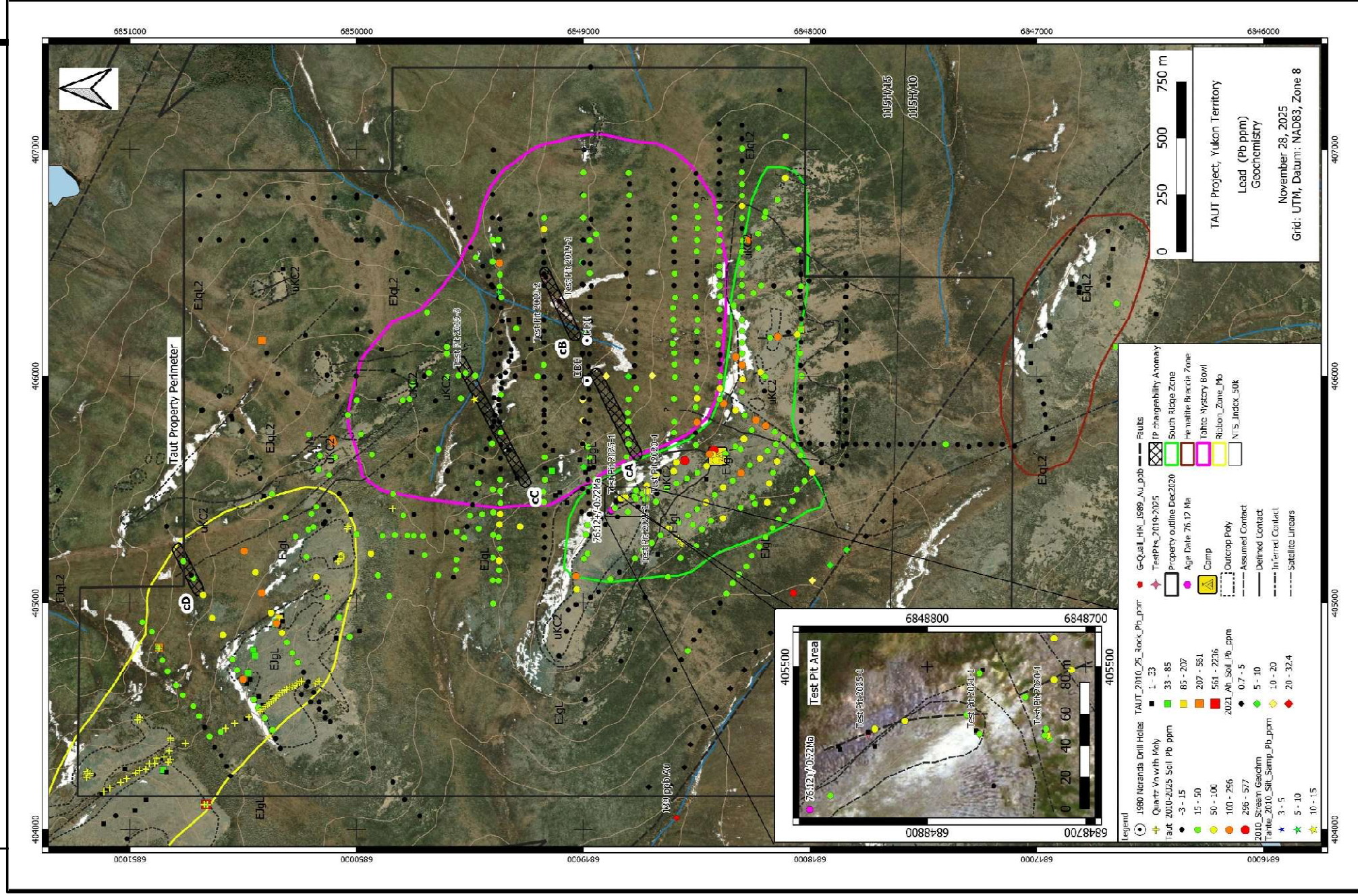
Molybdenum Geochemistry

- Rock grab samples



Lead Geochemistry

- Rock grab samples



TAUT Project Key Points

- Never adequately explored for gold prior to 2019.
 - First identified as a calc alkaline porphyry intrusion copper – gold – molybdenum target in 1979. Porphyry deposit is the exploration model.
 - Favorable geological and structural setting including:
 - Late Cretaceous intrusion
 - On the margin of the Stikinia Terrane, bounded by northwest trending regional long-lived strike slip faults.
 - Drill ready.
 - Recommended future work includes detailed magnetics, radiometrics, Lidar, additional IP.
 - Historical and recent dataset available including geological and structural mapping, geochemistry (silt, soil, rock, drill core), geophysics (regional airborne magnetics, 3 lines of IP).
 - Previous work is available in assessment reports.
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