



MIDLAND
EXPLORATION

TSX-V:MD

Willbob Project



October 2024

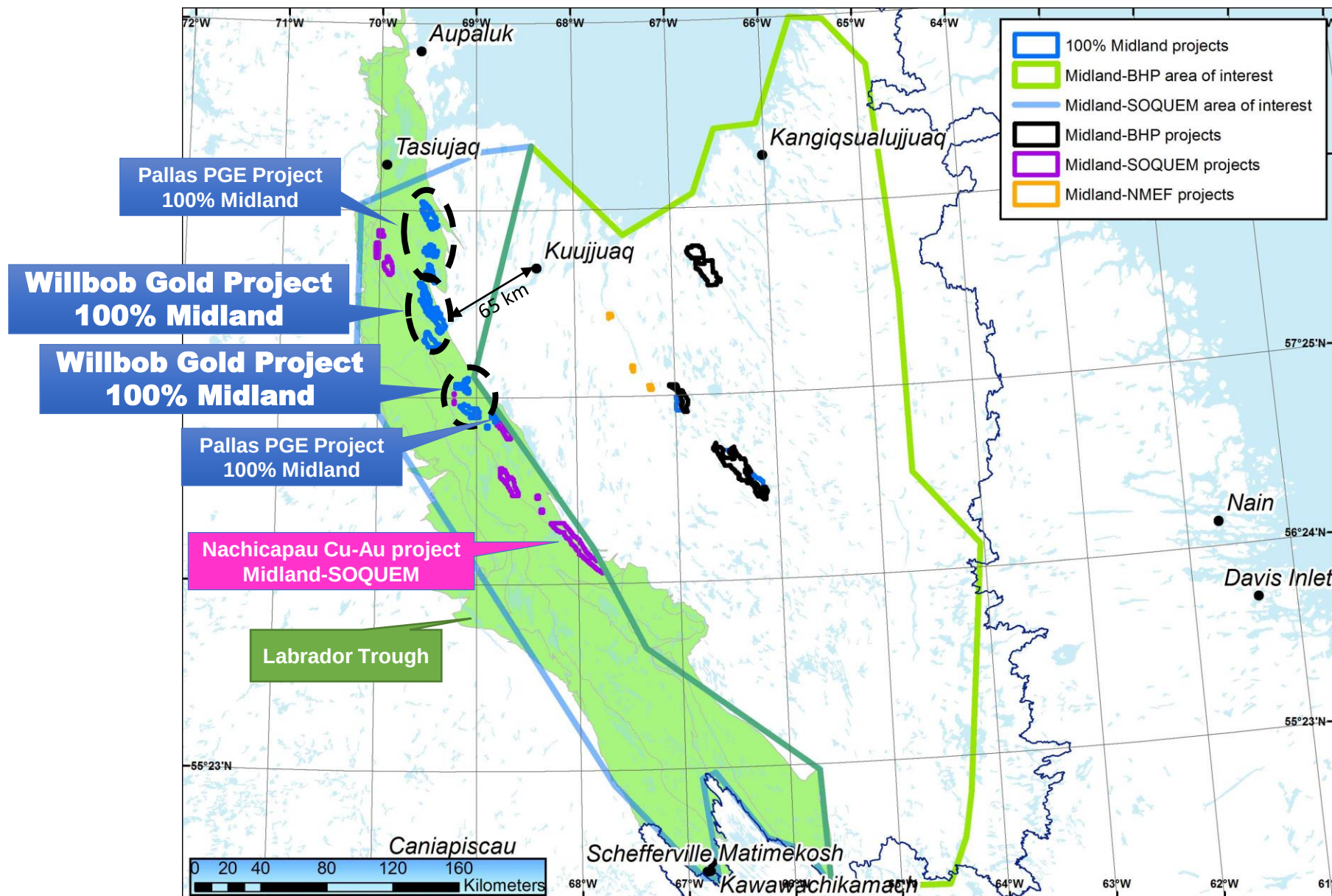
Willbob Project Highlights



- ✓ Gold project located in the Labrador Trough west of Kuujjuaq in Nunavik
- ✓ Over 20 gold showings found by Midland between 2015 and 2019
- ✓ Very favorable regional setting for orogenic gold deposits
 - ✓ Greenschist facies rocks
 - ✓ Favorable iron-rich lithologies to precipitate gold – abundant iron-rich gabbros, diorites, iron formations, black shales
 - ✓ Polyphase deformation, abundant thrusting and folding
 - ✓ Little previous exploration for gold – Lots of old exploration for base metals, gold was seldom analyzed
 - ✓ Several distinct gold mineralization events now recognized – typical of major gold districts
 - ✓ Gold-bearing metal-rich black shales abundant in the area, could be a source of gold
- ✓ Available for option

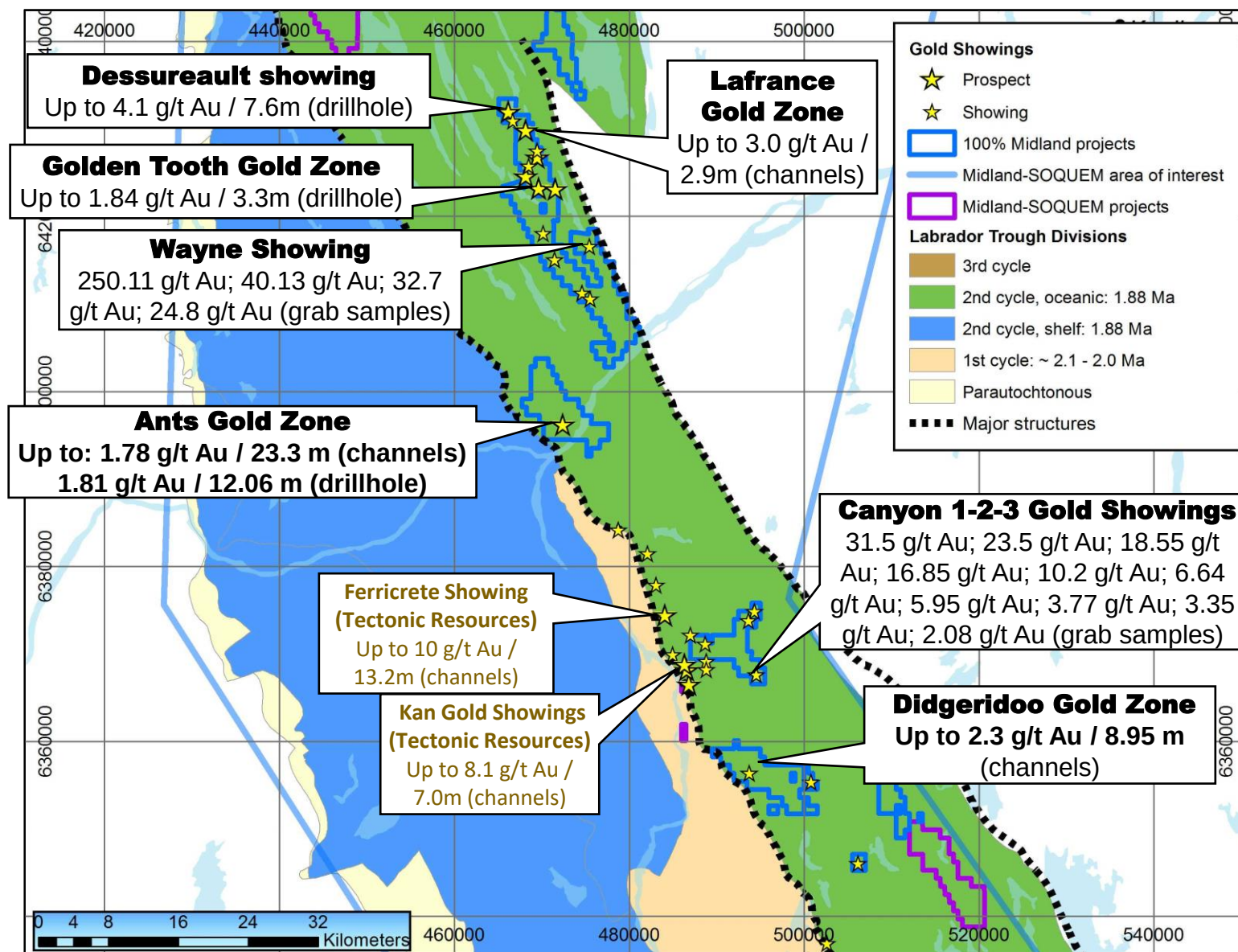
Willbob Project Regional Location

- Willbob project located in the Labrador Trough - 1.9 to 2.1 billion years old volcanosedimentary belt
- About 65 kilometers west of the town of Kuujjuaq in Nunavik



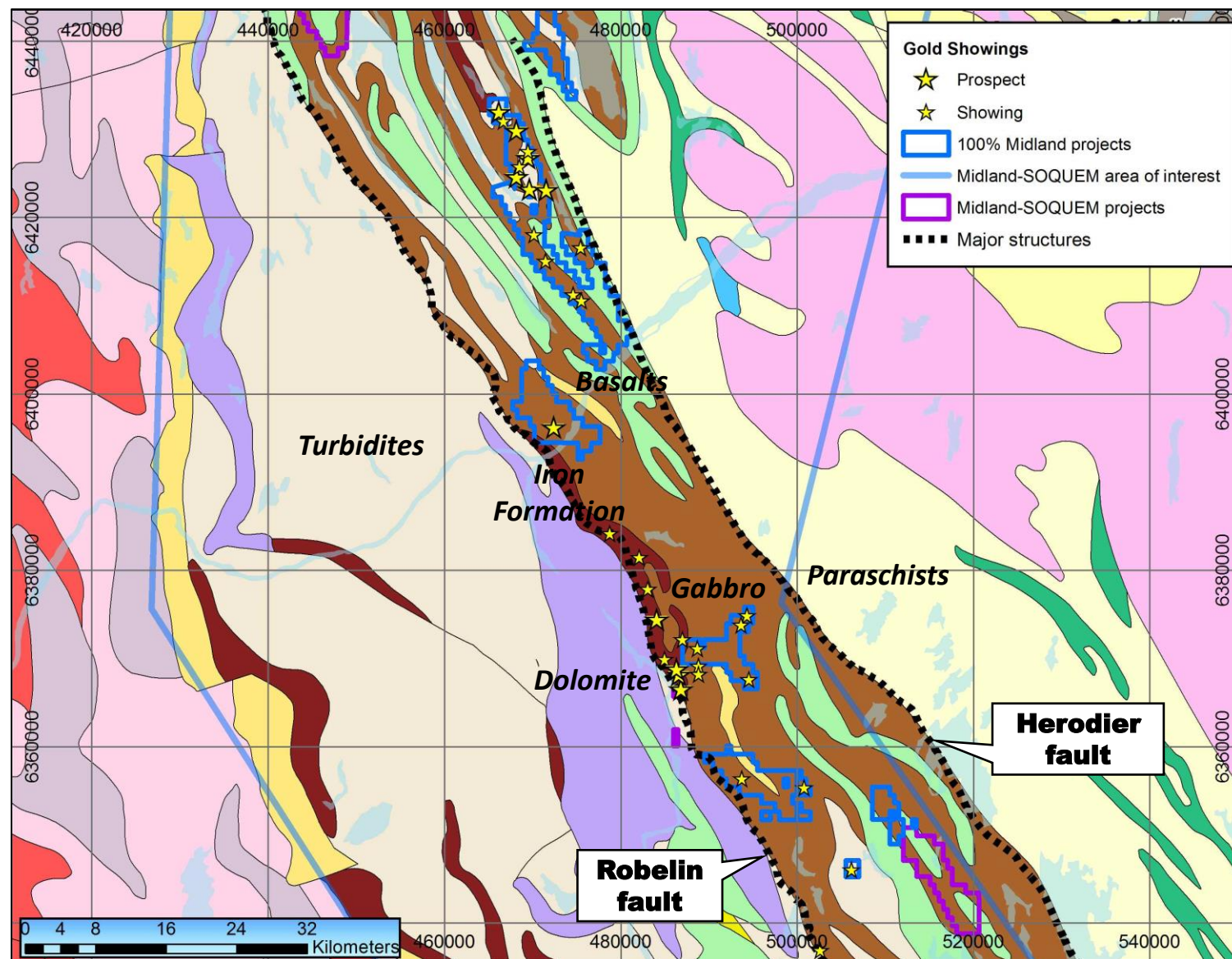
Willbob Project Area – Best Gold Showings

- More than 20 gold showings and prospects found by Midland between 2015 and 2019, over more than 95 kilometers in second cycle rocks of the Labrador Trough
- Gold showings found in the oceanic portion of the Labrador Trough
- Limited amount of drilling on the project



Willbob Project Area – Geology

- **Very favorable environment for orogenic gold mineralization:**
 1. Underlain by 1.9 Ga **gabbro/diorites**, **turbidites**, **black shales**, basalts, **iron formations** → very favorable rocks for orogenic Au (reactive + competent)
 2. Two major structures recognized near the project: **1) Robelin fault**, believed to be associated with many gold prospects in the area; **2) Herodier fault**, major terrane limit between the Labrador Trough and Rachel-Laporte zone
 3. **Greenschist facies metamorphism** → ideal for orogenic Au
 4. **Abundant folding, thrusting; polyphase deformation**



Willbob Project Area – Gold Mineralization Types

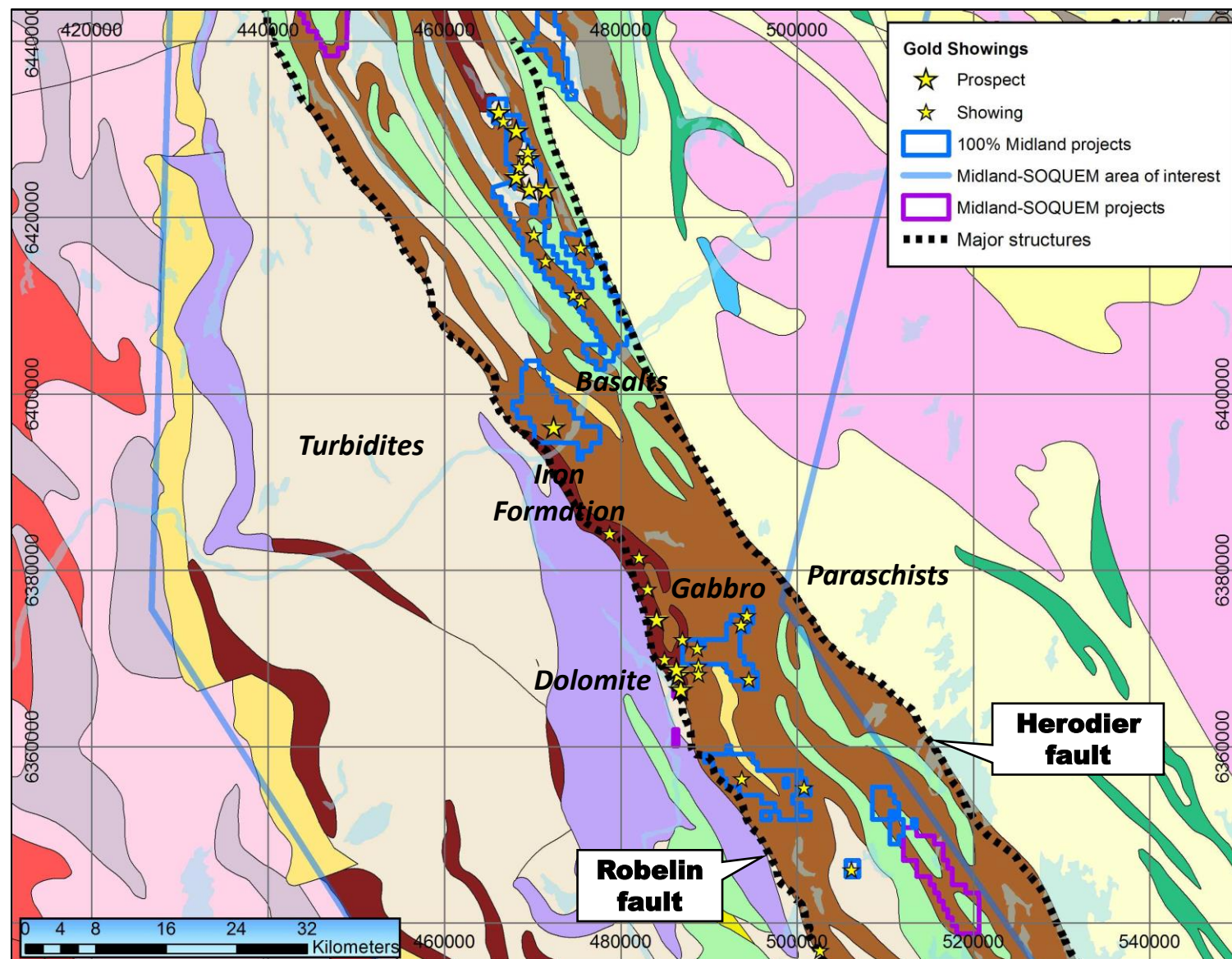
1-Shear zones with fault-filling quartz veins, pyrrhotite-pyrite, in diorites-gabbros (Didgeridoo);

2-Shear zones with fault-filling quartz veins and associated flat tension veins, with arsenopyrite, in diorite-gabbros (Golden Tooth, Lafrance, Polar Bear);

3-Quartz-pyrite±chalcopyrite±sphalerite±galena veins in gabbros (Alias, SP, Kavi);

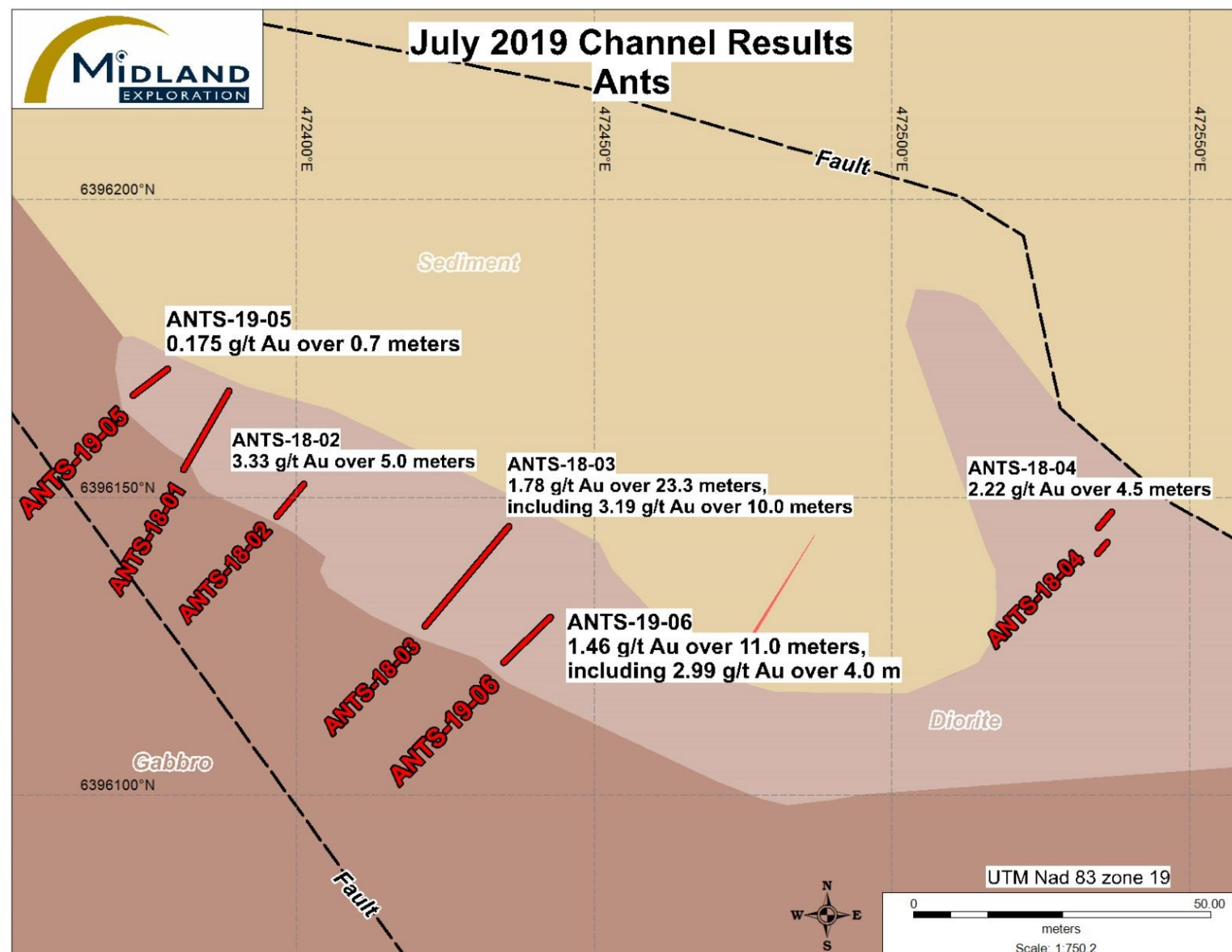
4-Networks of flat, quartz-pyrite-pyrrhotite veins, in iron formations or tonalites (Dessureault, Lafrance East);

5-Gold-bearing volcanogenic massive sulfides (Stars).



Ants Gold Zone: Channels

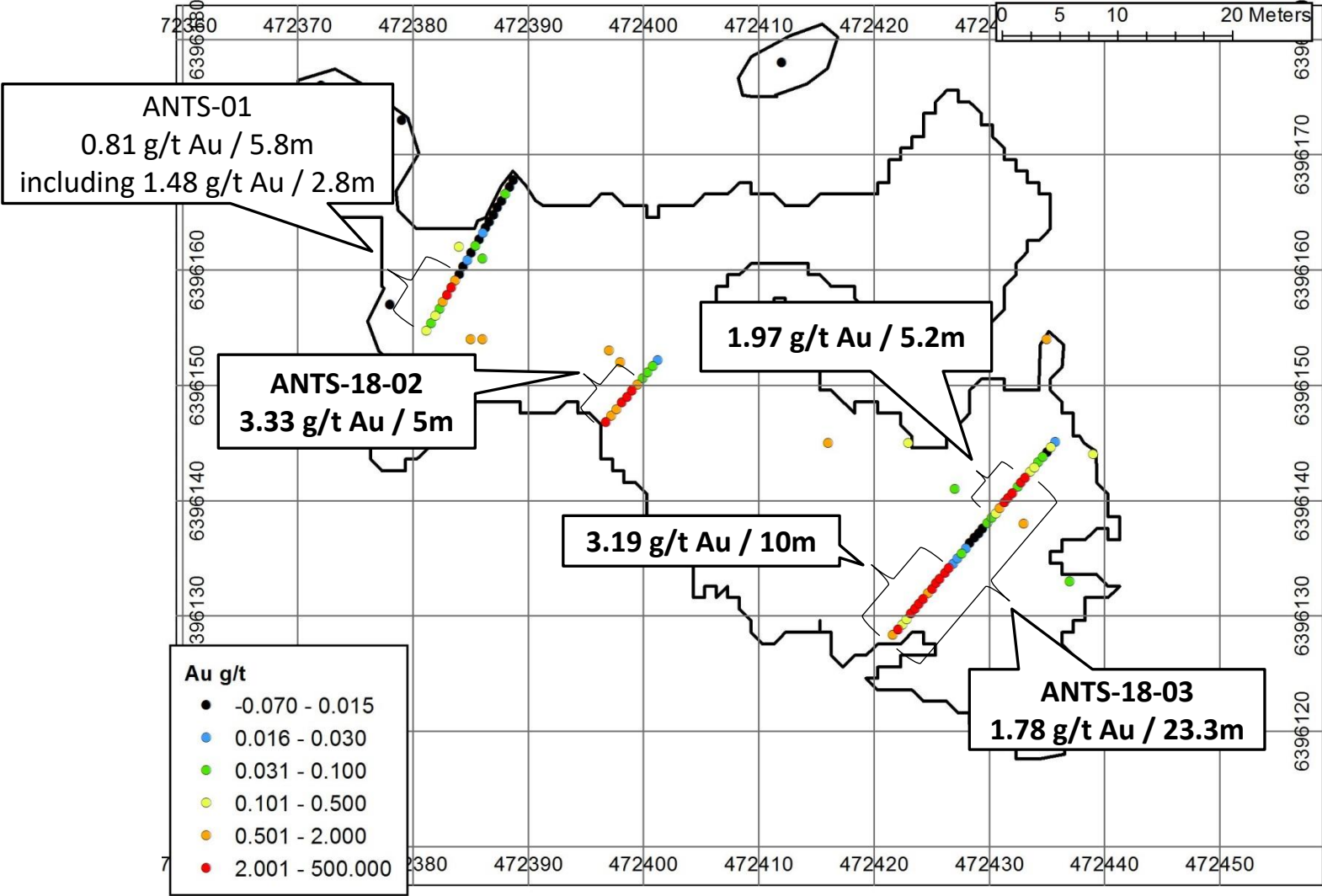
- Ants: replacement-type mineralization (Po) at the summit of a differentiated gabbro sill, in a strong altered quartz diorite, near contact with sedimentary rocks



Ants Gold Zone: Channels



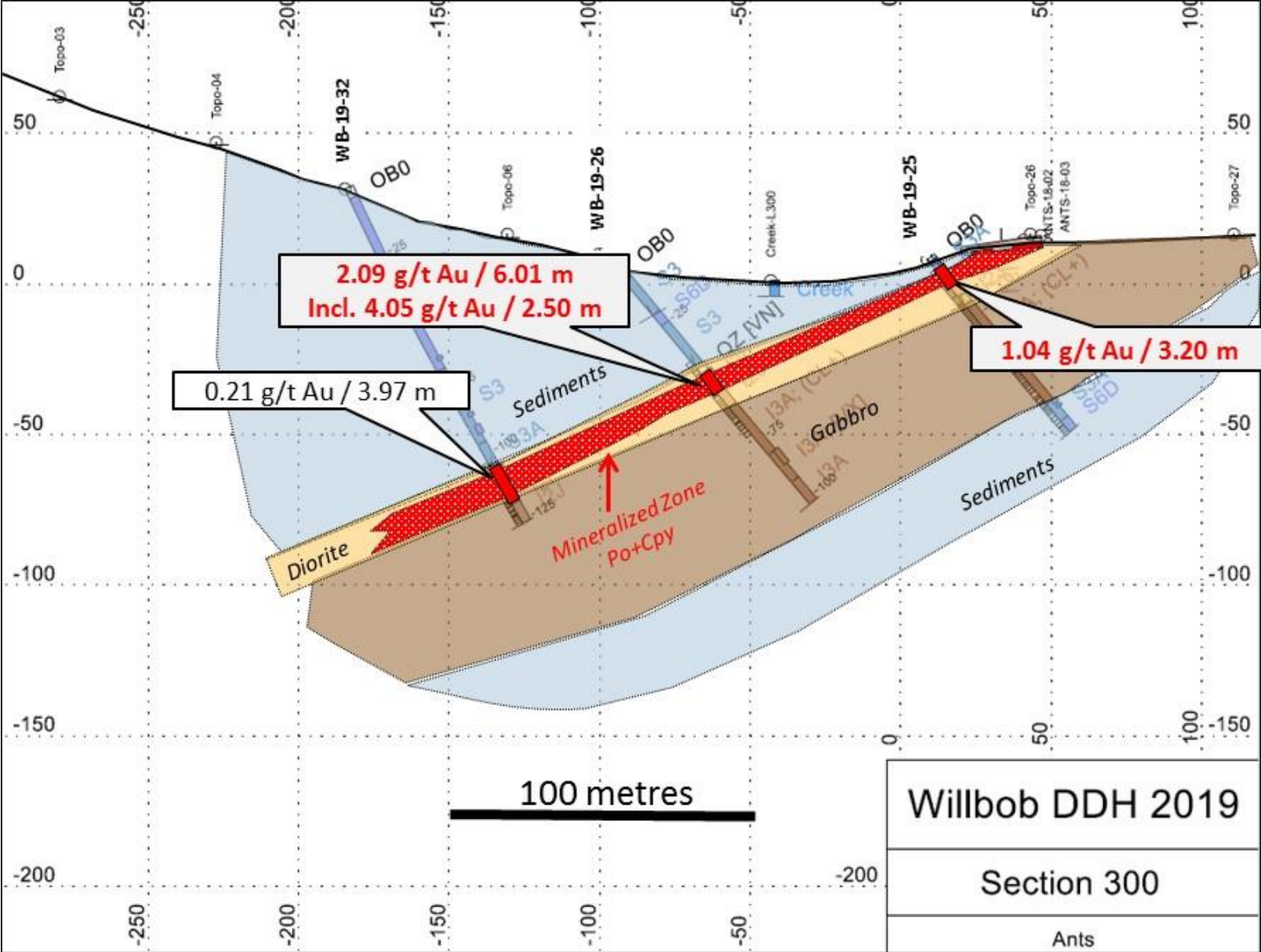
Ants Gold Zone: Channels



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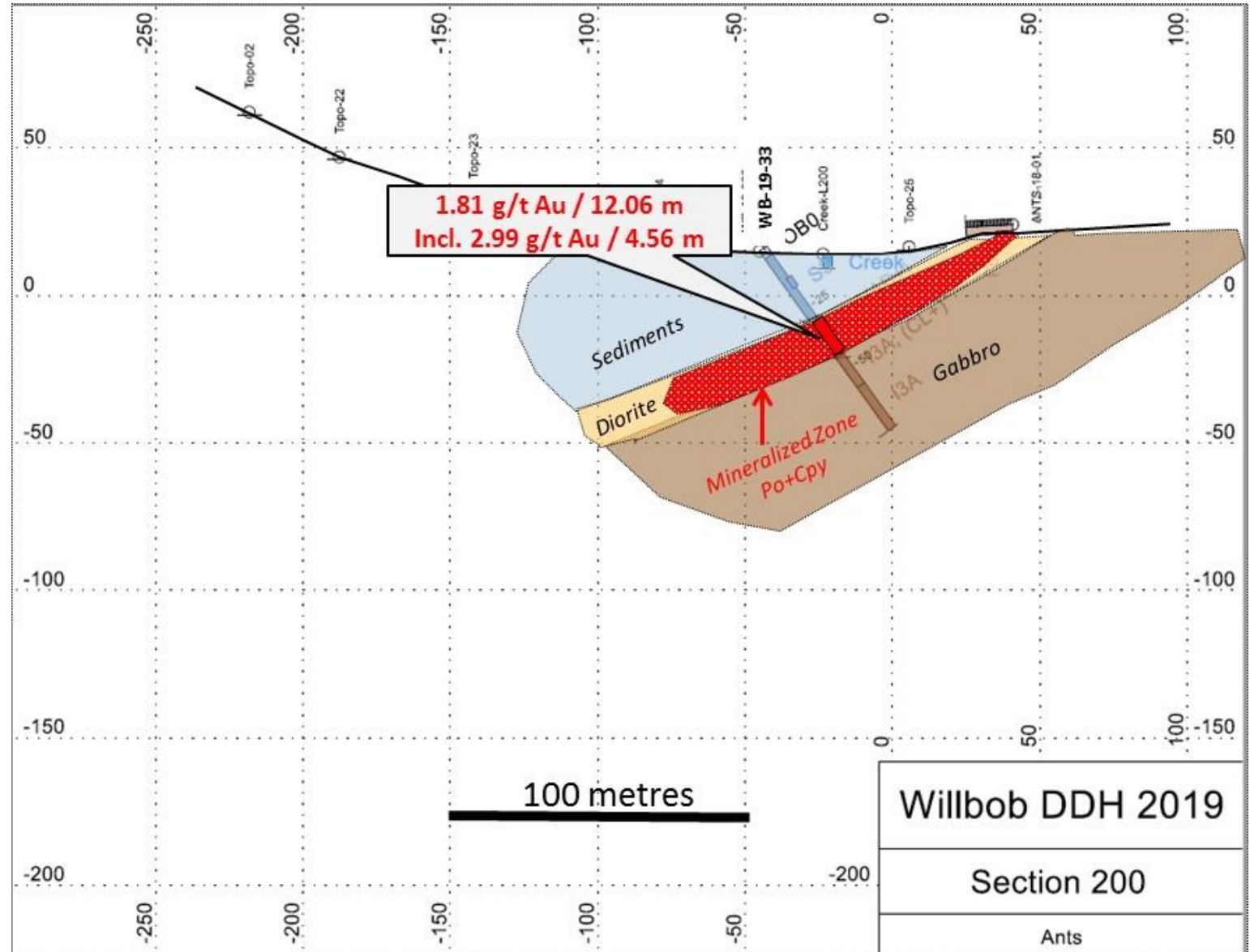
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- Figure 1 is a map of the Ants Zone surface projection. The map shows a grid of drill holes numbered 25 through 33. A red dashed line indicates the 'Ants Elev -50 m' and a red solid line indicates the 'Ants Surface Projection Dip 25 degrees N-NE'. A blue shaded area represents the 'Gold anomalous envelope MF < 1.0'. A red shaded area is labeled 'Open'. A scale bar indicates 200 metres. A north arrow is present in the top right corner. The map includes the following data points:
- | Hole Number | Grade (g/t Au) | Core Length (m) | Notes |
|-------------|------------------------|-----------------|----------------------------|
| 25 | 1.81 | 12.06 | Incl. 2.99 g/t Au / 4.56 m |
| 26 | 2.09 | 6.01 | Incl. 4.05 g/t Au / 2.50 m |
| 27 | 0.28 | 2.80 | |
| 28 | 0.86 | 0.90 | |
| 29 | 0.12 | 0.55 | |
| 30 | 0.86 | 0.90 | |
| 31 | No significant results | | |
| 32 | 0.21 | 3.97 | |
| 33 | MF 21.8 | | |
- Legend:
- Ants Pierce Points
 - 25 Hole Number
 - MF Metal Factor
 - g/t Au X core length (m)
- Scale: 200 metres
- North Arrow
- Ants Zone Surface Projection

Ants Zone Section 300E



Ants Zone Section 200E

- The dip of the sill-sediment contact flattens out to the NW, where gold is more present → possibly control by an open anticline structure?

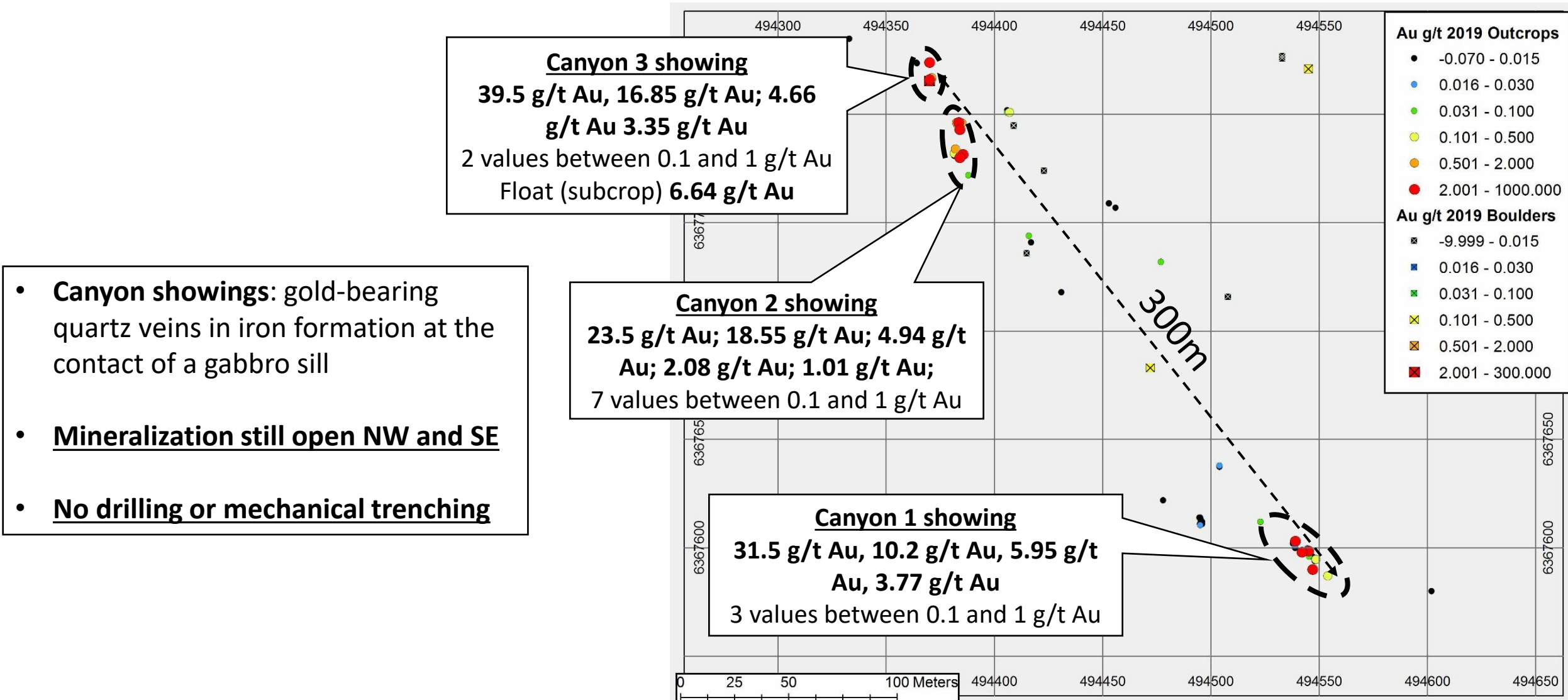


Ants Zone WB-19-026

2.09 g/t Au / 6.01 m
incl. 4.05 g/t Au / 2.5 m
Mineralized zone in quartz diorite

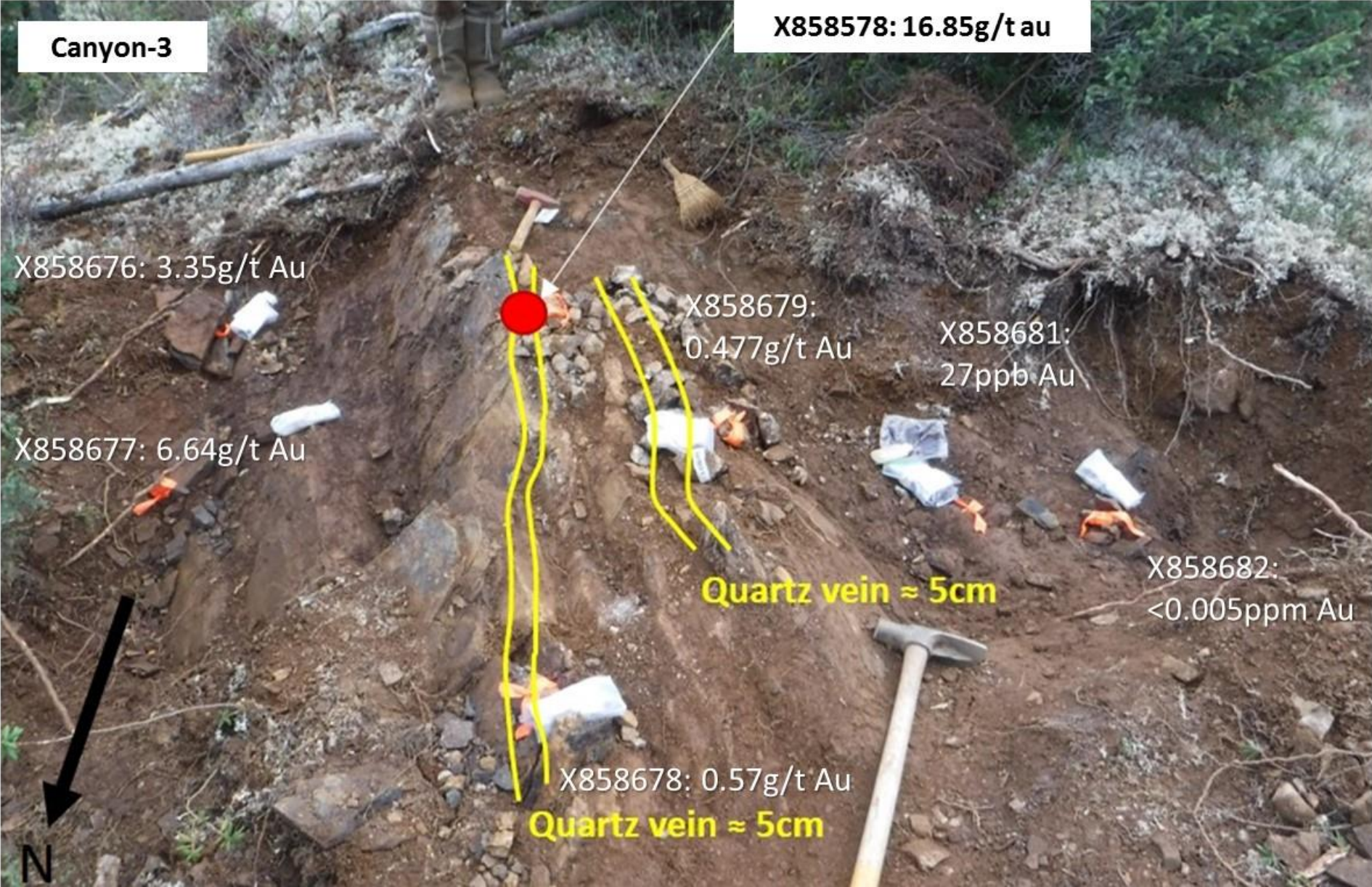


Canyon Gold Showings



- **Canyon showings:** gold-bearing quartz veins in iron formation at the contact of a gabbro sill
- **Mineralization still open NW and SE**
- **No drilling or mechanical trenching**

Canyon 3 Gold Showing



Canyon 1 Gold Showing



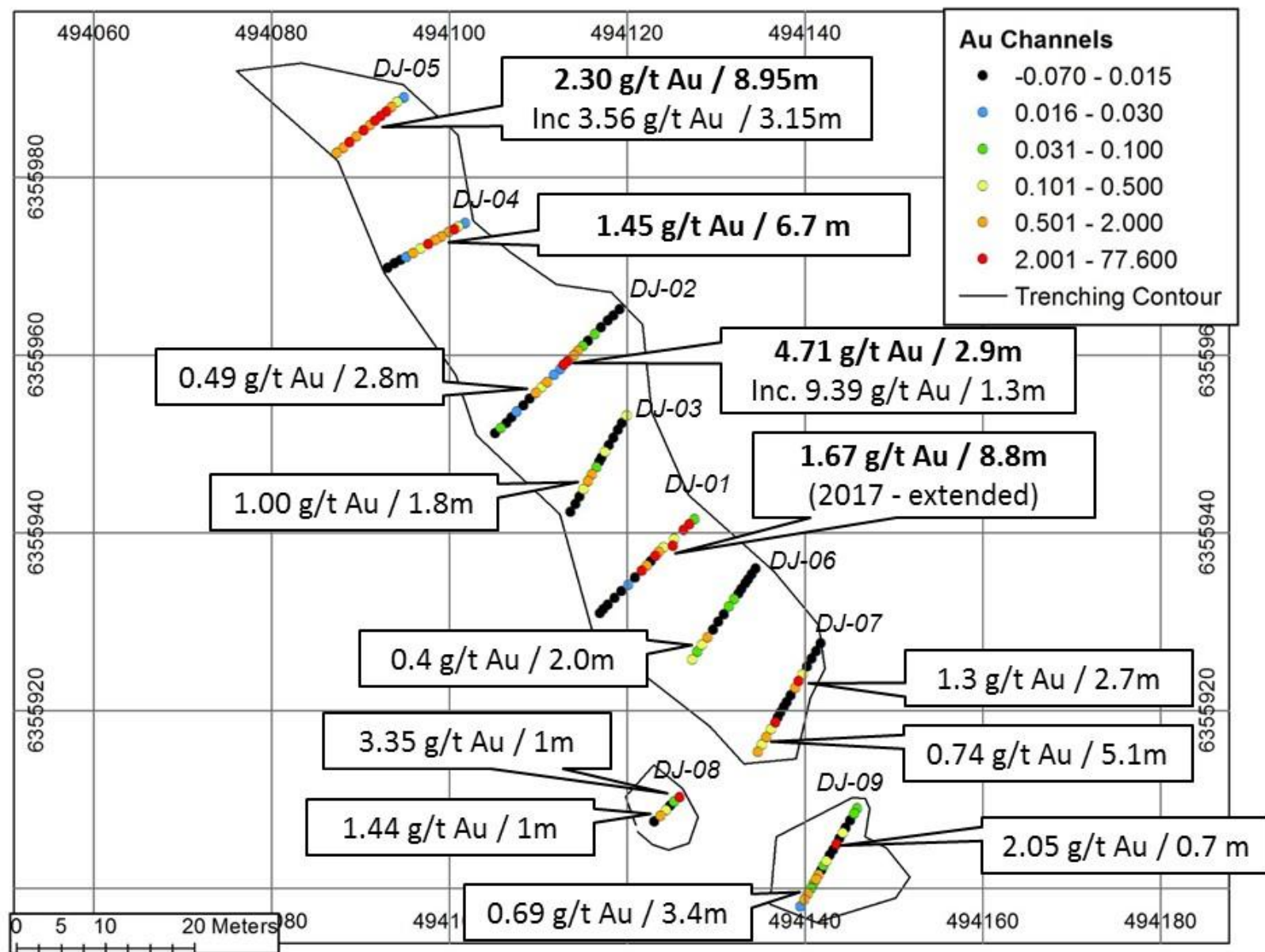
Didgeridoo Gold Zone

Shear-zone with fault-filling quartz-carbonate veins – Lying right on top of a hill! Discovered in 2017 by walking on it

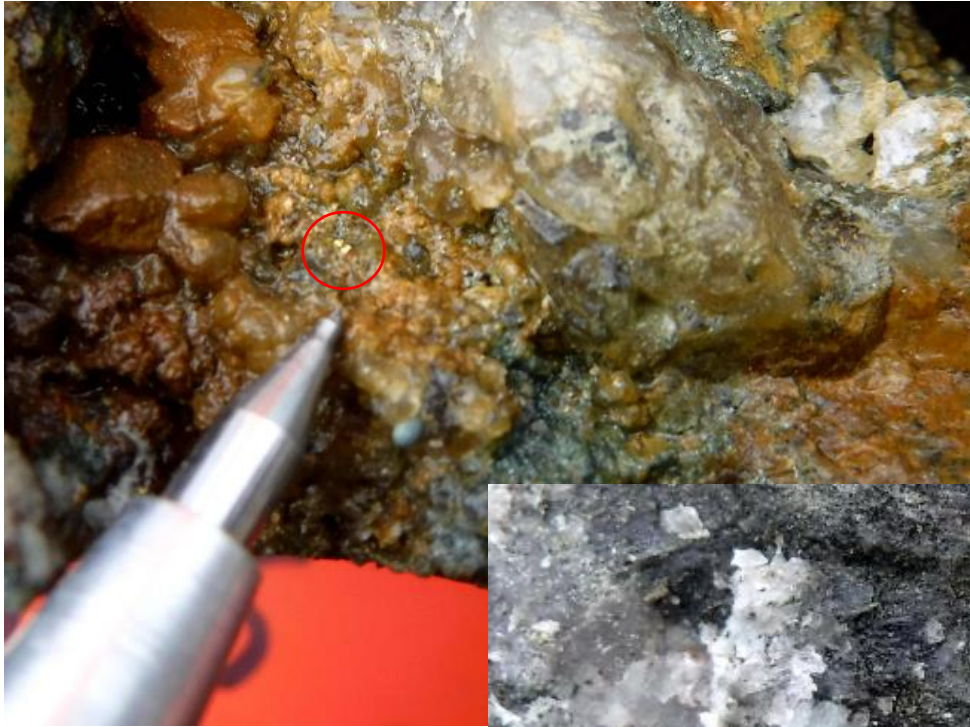


Didgeridoo Gold Zone - 2018 Channels

- Shear-zone with fault-filling quartz-carbonate veins within a quartz gabbro
- Visible gold
- **Open to the north and south, at depth**
- **No drilling on this zone**



Didgeridoo Gold Zone – Visible gold

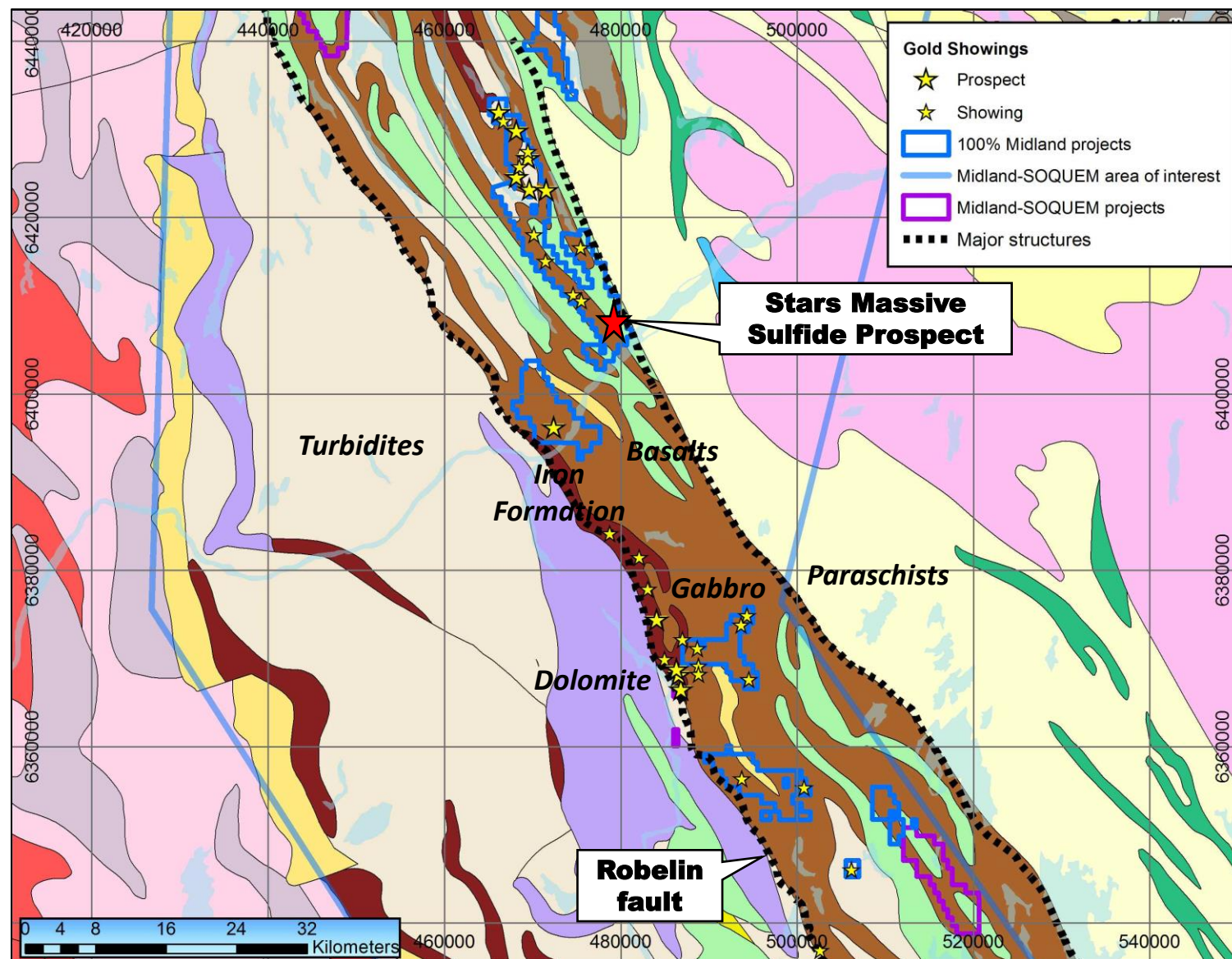


Gold Mineralization on Willbob

- At least 4 different styles of structurally-controlled Au mineralization observed
 - Au-As in ductile-brittle shear zones and/or flat-lying tension veins, north part of the project (ex: Golden Tooth, Lafrance As-Au, Polar Bear); **Late D3' compressive event**
 - Flat, Au-only tension veins north part of the project (Dessureaut, Lafrance Au Tonalite, Wayne). **Late D3' compressive event**
 - Au±Cu±Zn±Pb in late moderate to steeply-dipping tension veins / brittle fault zones, throughout whole project (ex: SP, Alias, Kavi, Cu veins in gabbros) – **Later, (post-orogenic?) extensional event**
 - Au-only shears/fault/breccias zones, throughout whole project (Didgeridoo, Serpent, Sunshine?) – Exact timing to be established
- **Overprinting of several mineralization events likely → typical of major gold districts**

Willbob Project – Stars Massive Sulfides

- Stars Cu-Co-Au-Ag massive sulfide prospect
- Up to 4.34 g/t Au, 0.57% Cu, 0.08% Co (grab samples);
- Up to 2.56g/t Au, 0.508% Cu, 0.153% Co / 0.45m (drill hole).



Willbob Project – Stars Massive Sulfides Sections

