



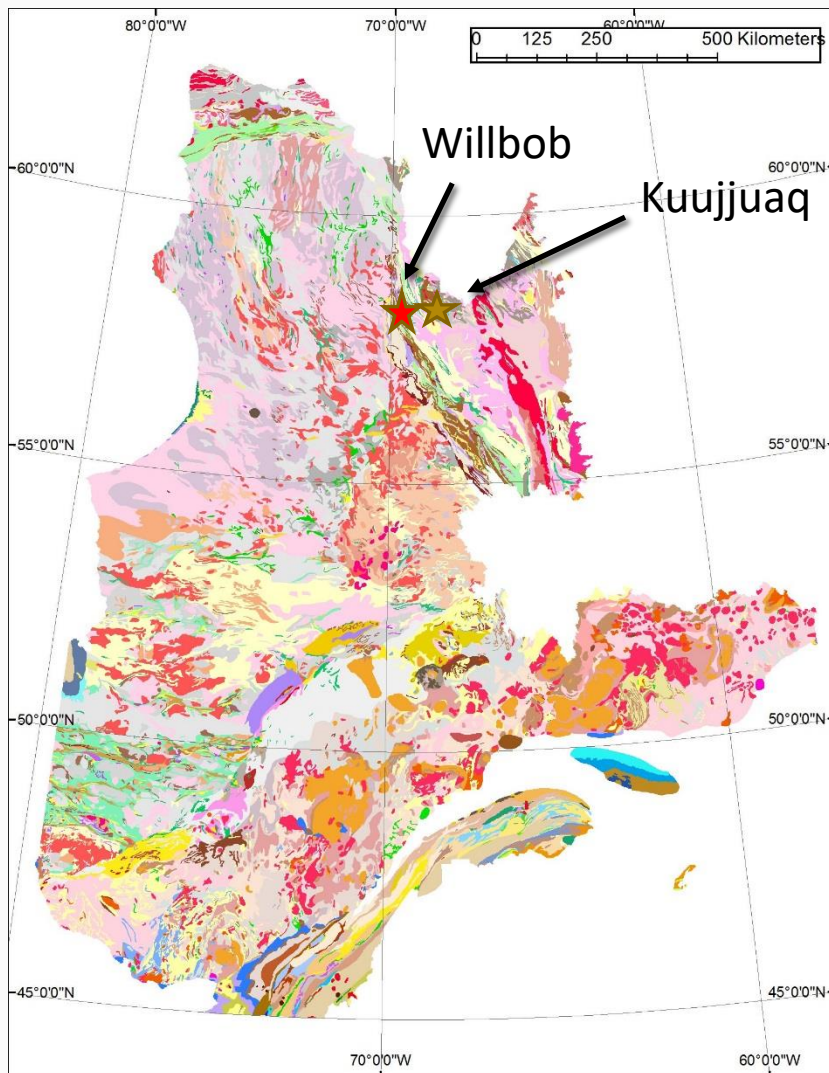
Willbob Au project

June 2021



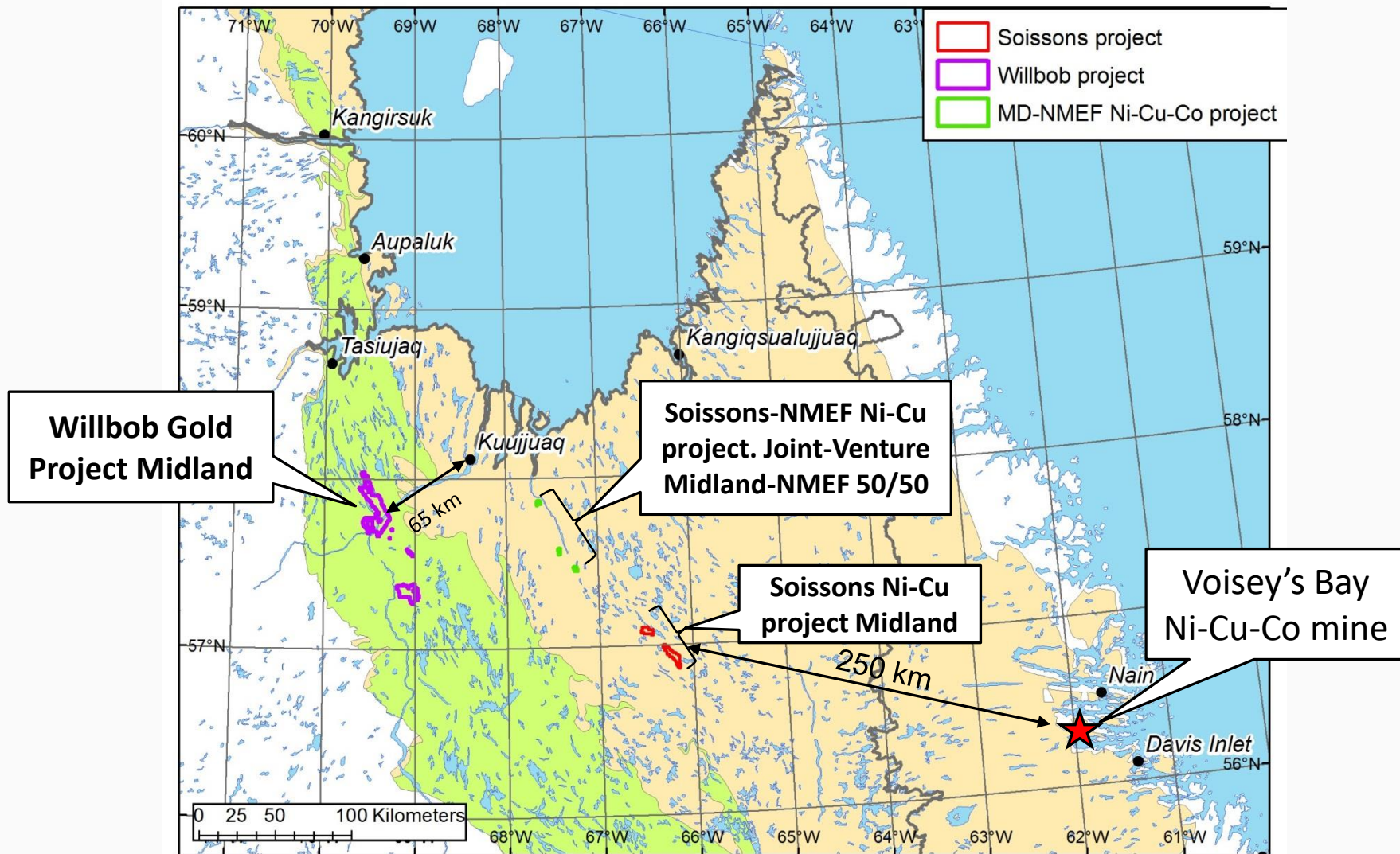
Willbob Project – Location

- Located about 60km west of Kuujjuaq, the closest community (has a port); Kuujjuaq is the main town of the Nunavik northern region in Quebec
- Paleoproterozoic rocks of the Labrador Trough (2.1 Ga to 1.88 Ga), deformed in the Trans-Hudsonian orogeny (1.8 Ga)

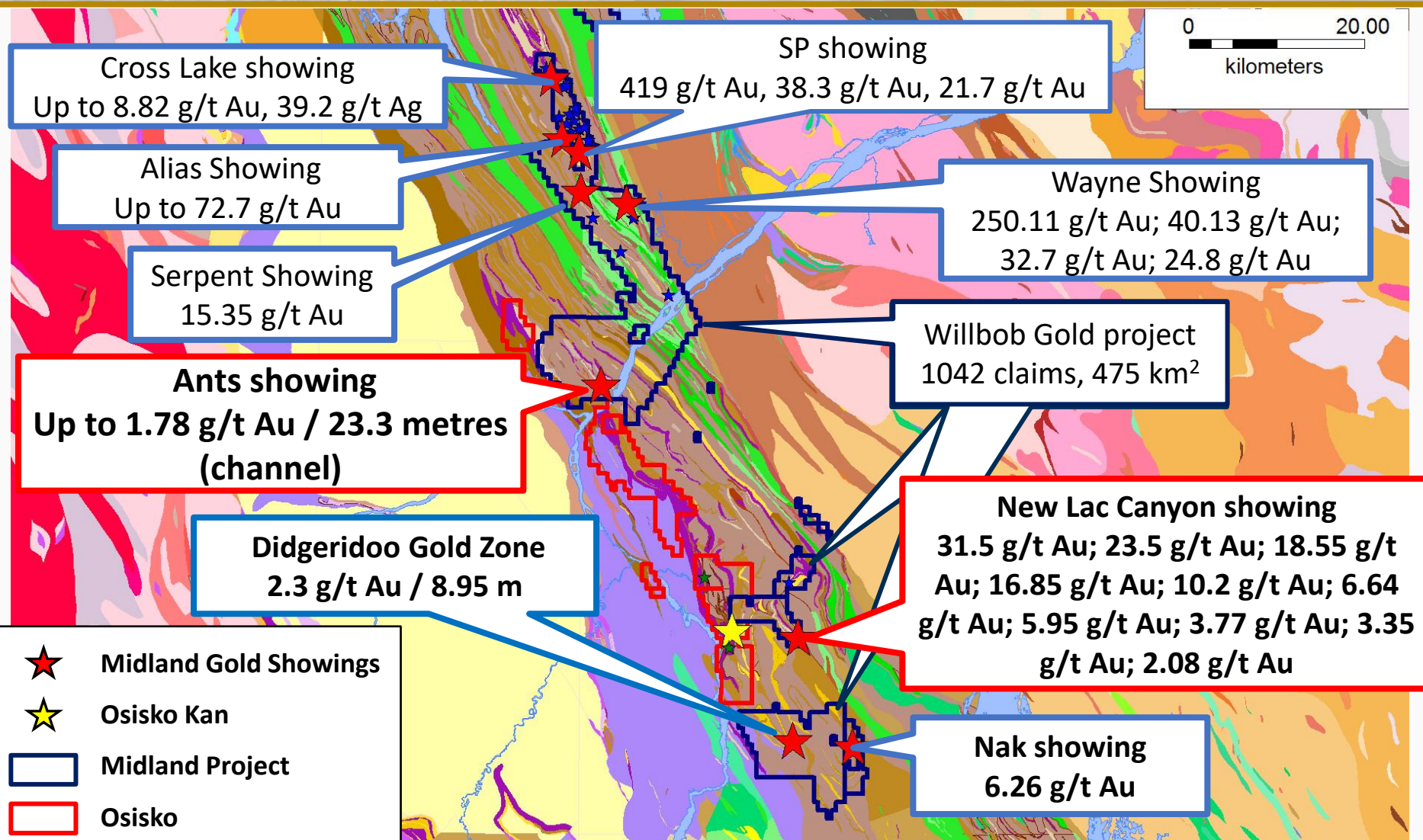




Willbob Project Regional Location

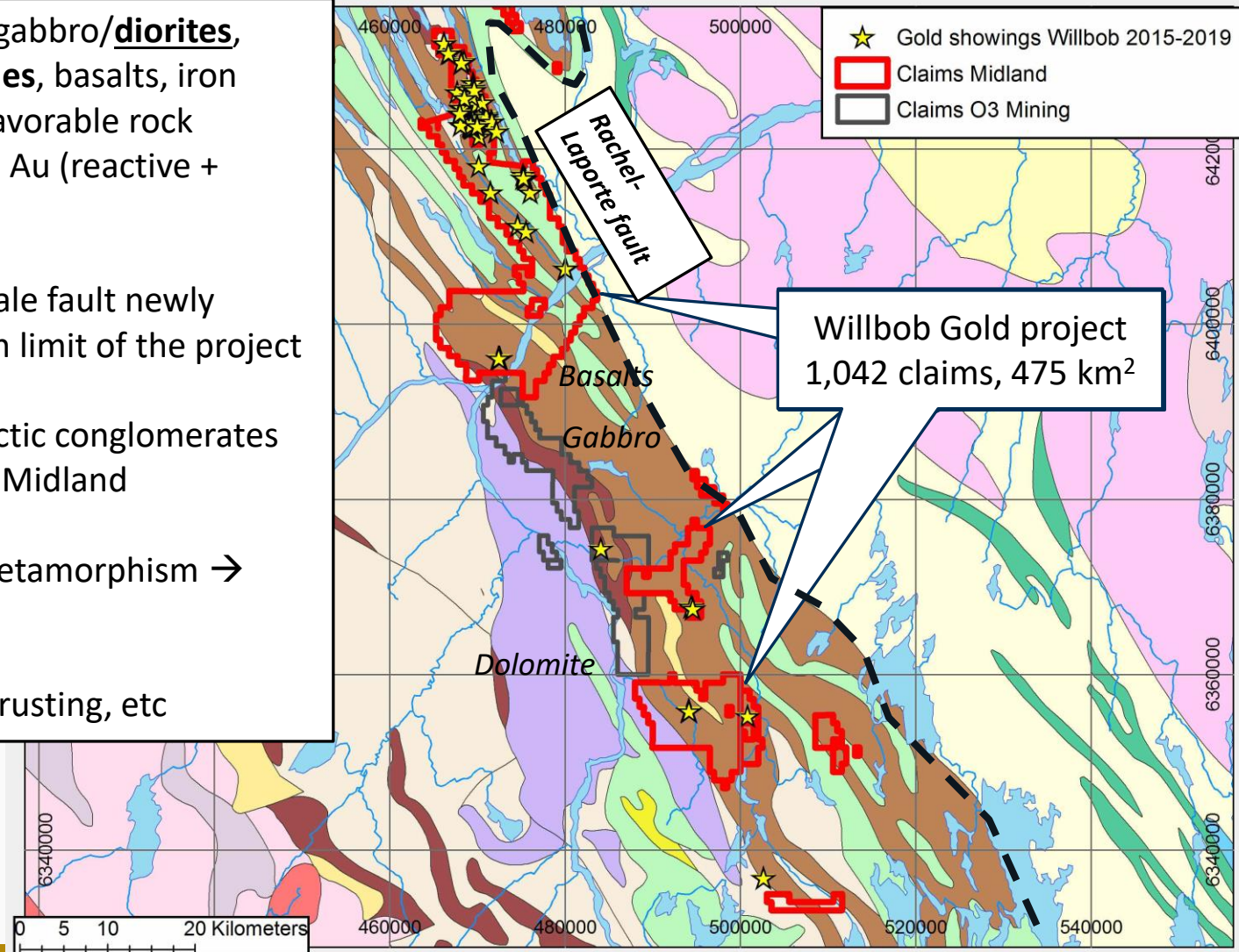


Willbob Project: Gold Showings



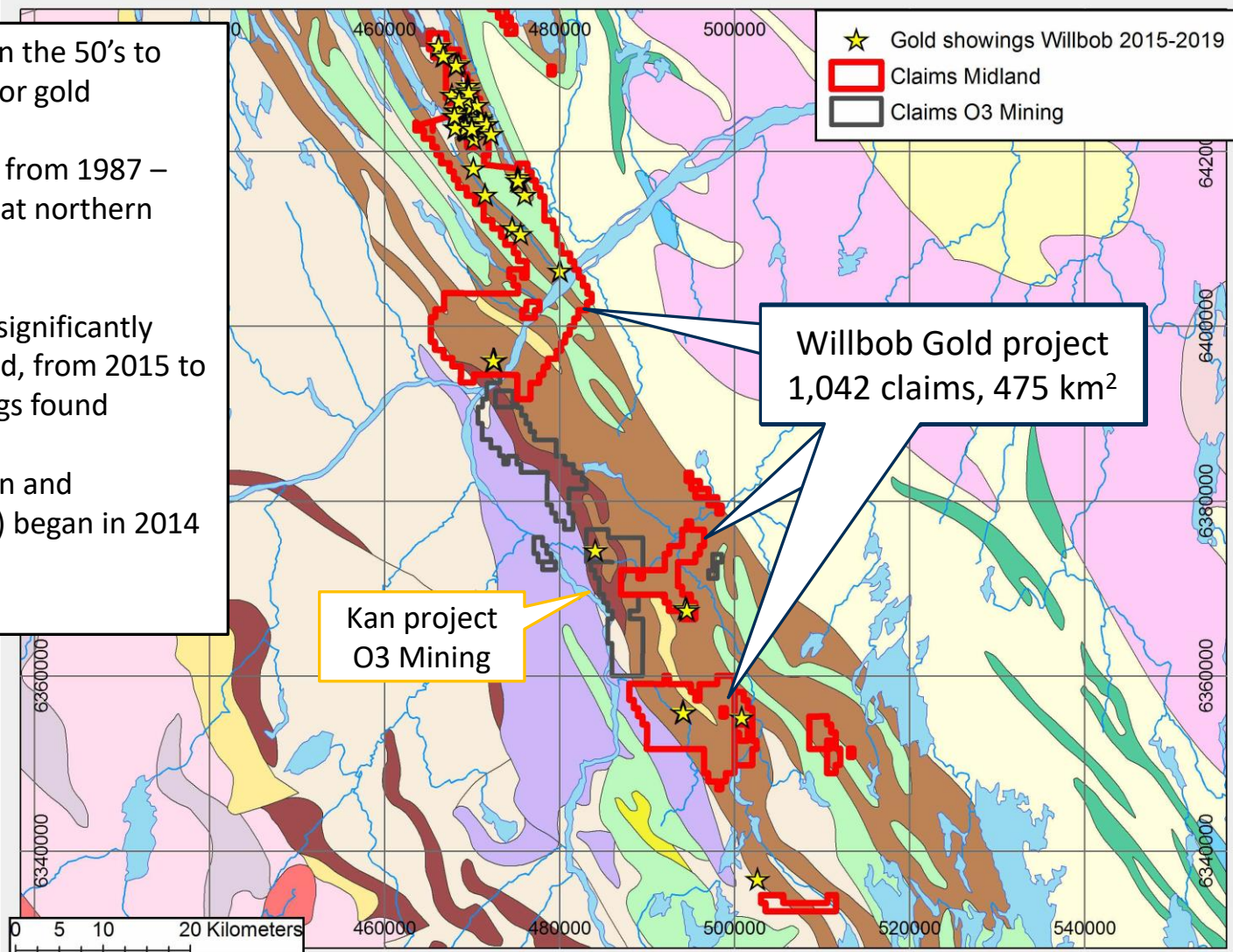
Willbob Project Geology

- Underlain by 1.9 Ga gabbro/diorites, turbidites, **black shales**, basalts, iron formations → very favorable rock package for orogenic Au (reactive + competent)
- First-order crustal scale fault newly recognized at eastern limit of the project
- Syn-orogenic polymictic conglomerates newly recognized by Midland
- Greenschist facies metamorphism → ideal for orogenic Au
- Abundant folding, thrusting, etc

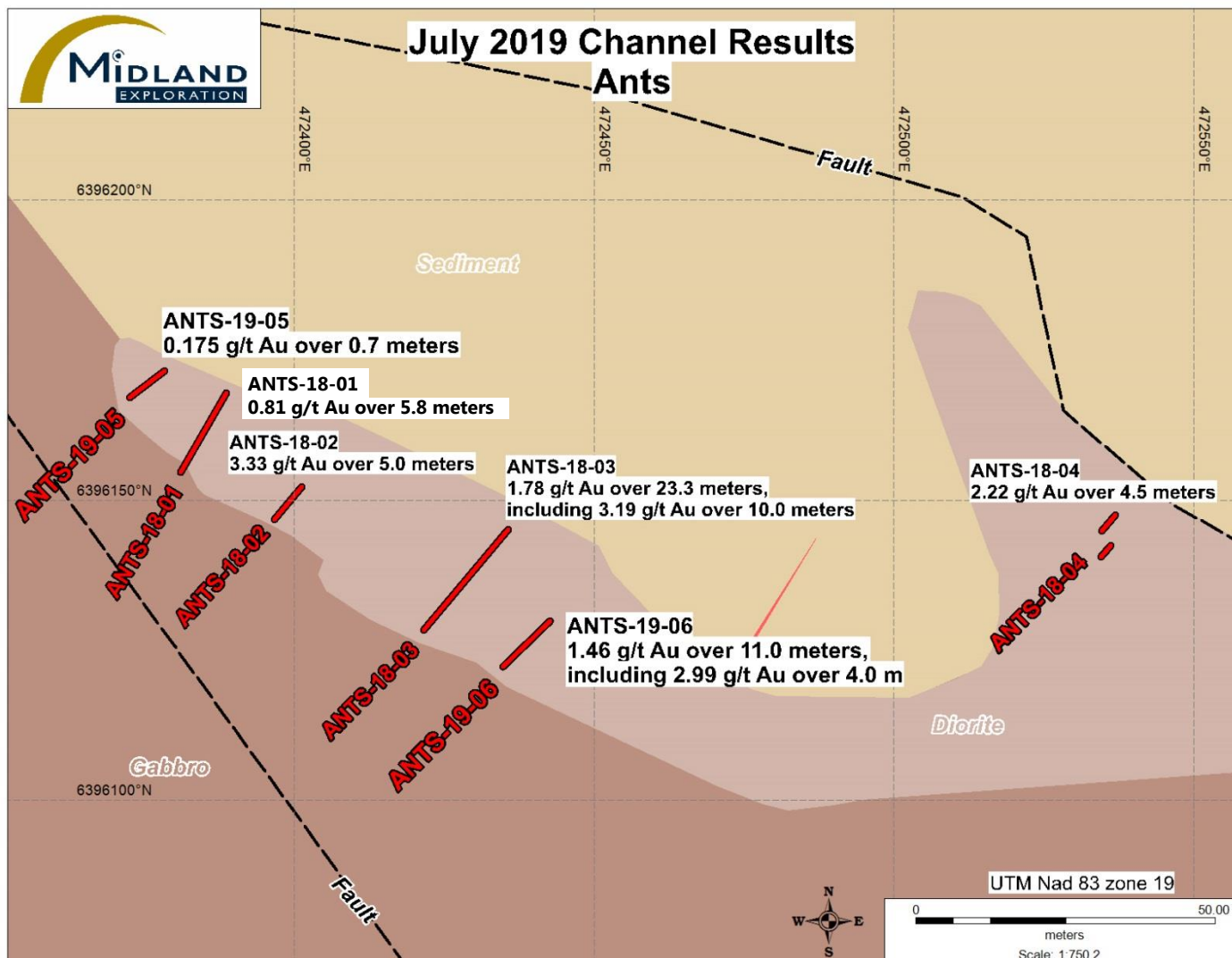


Willbob Exploration History

- Explored for base metals in the 50's to 70's – almost no analysis for gold
- Some exploration for gold from 1987 – 1989 (one showing found at northern end of the project)
- Midland first company to significantly explore the project for gold, from 2015 to 2019 – Many gold showings found
- Significant gold exploration and discoveries at Kan (Osisko) began in 2014
- Very large project!



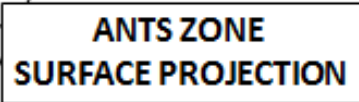
Willbob Project, Ants Channels Results



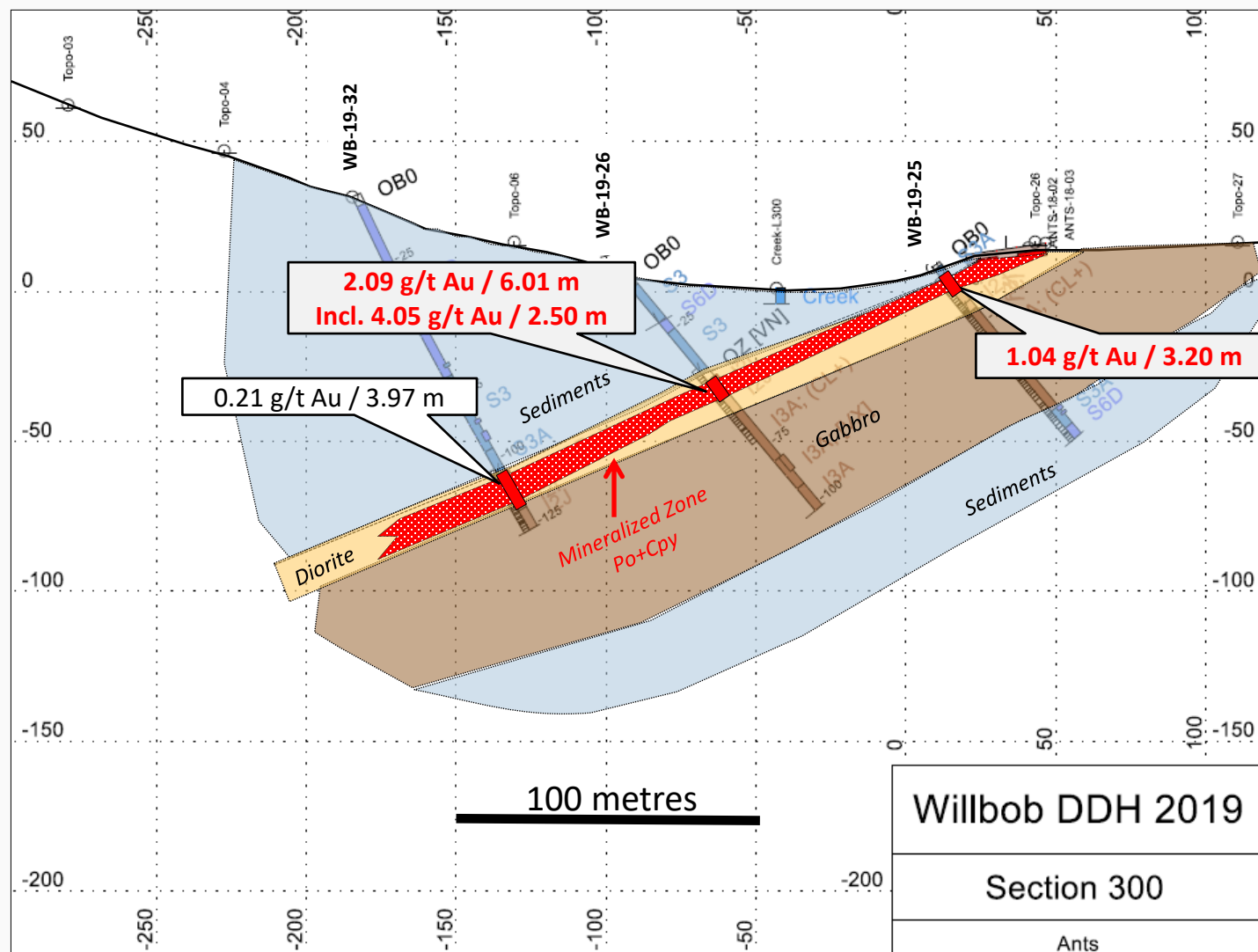


Aerial View of the Ants Gold Zone

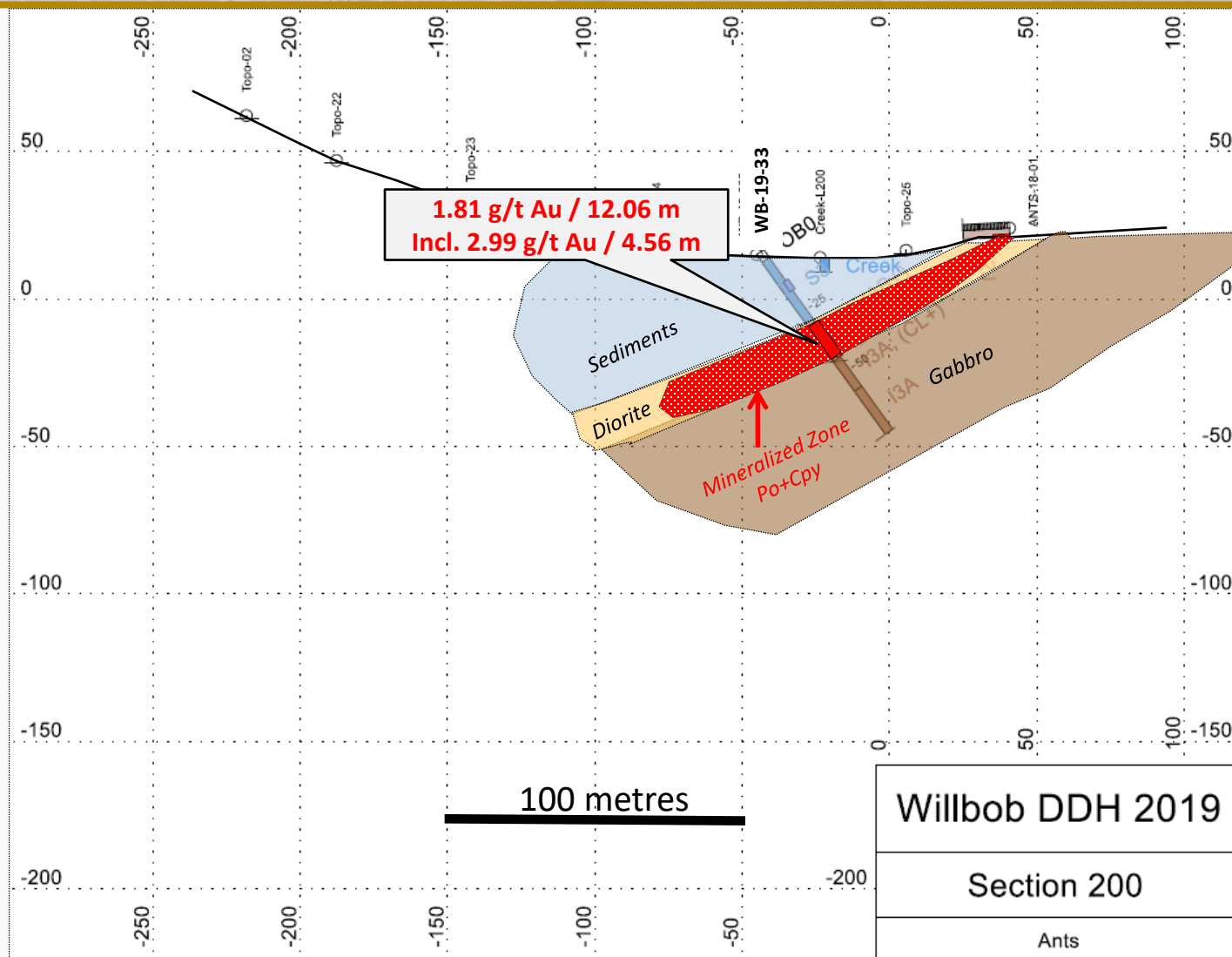




Ants Zone Section 300E



Ants Zone Section 200E



Willbob Project, WB-19-026, Photo

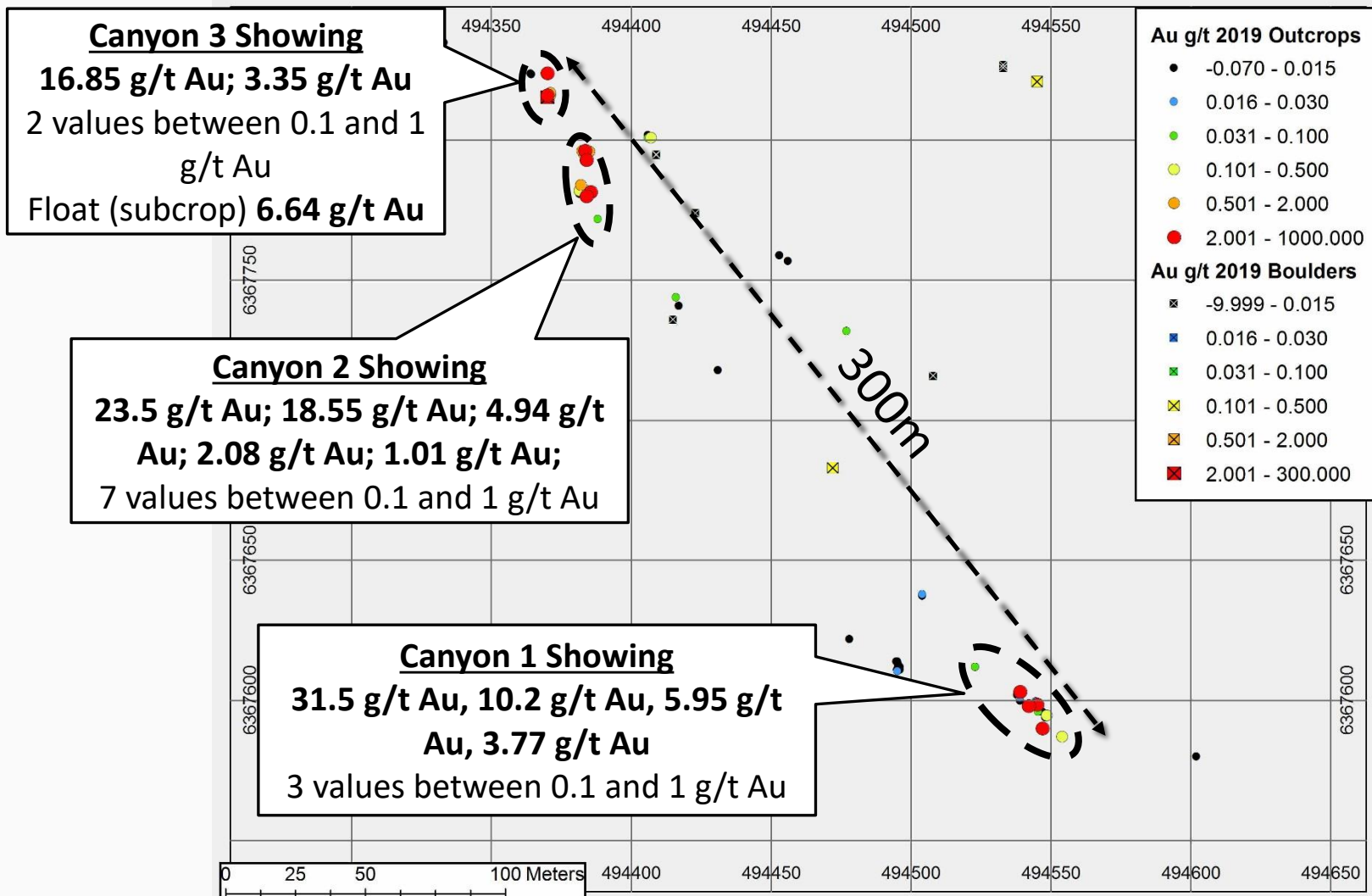
2.09 g/t Au / 6.01 m

incl. 4.05 g/t Au / 2.5 m

Mineralized zone in quartz diorite



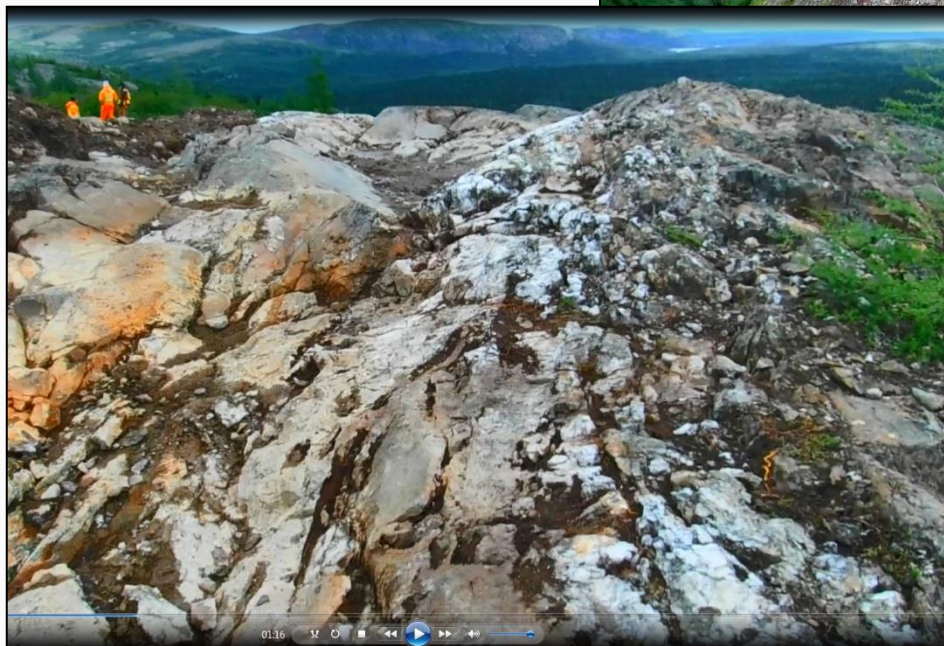
Canyon Showings



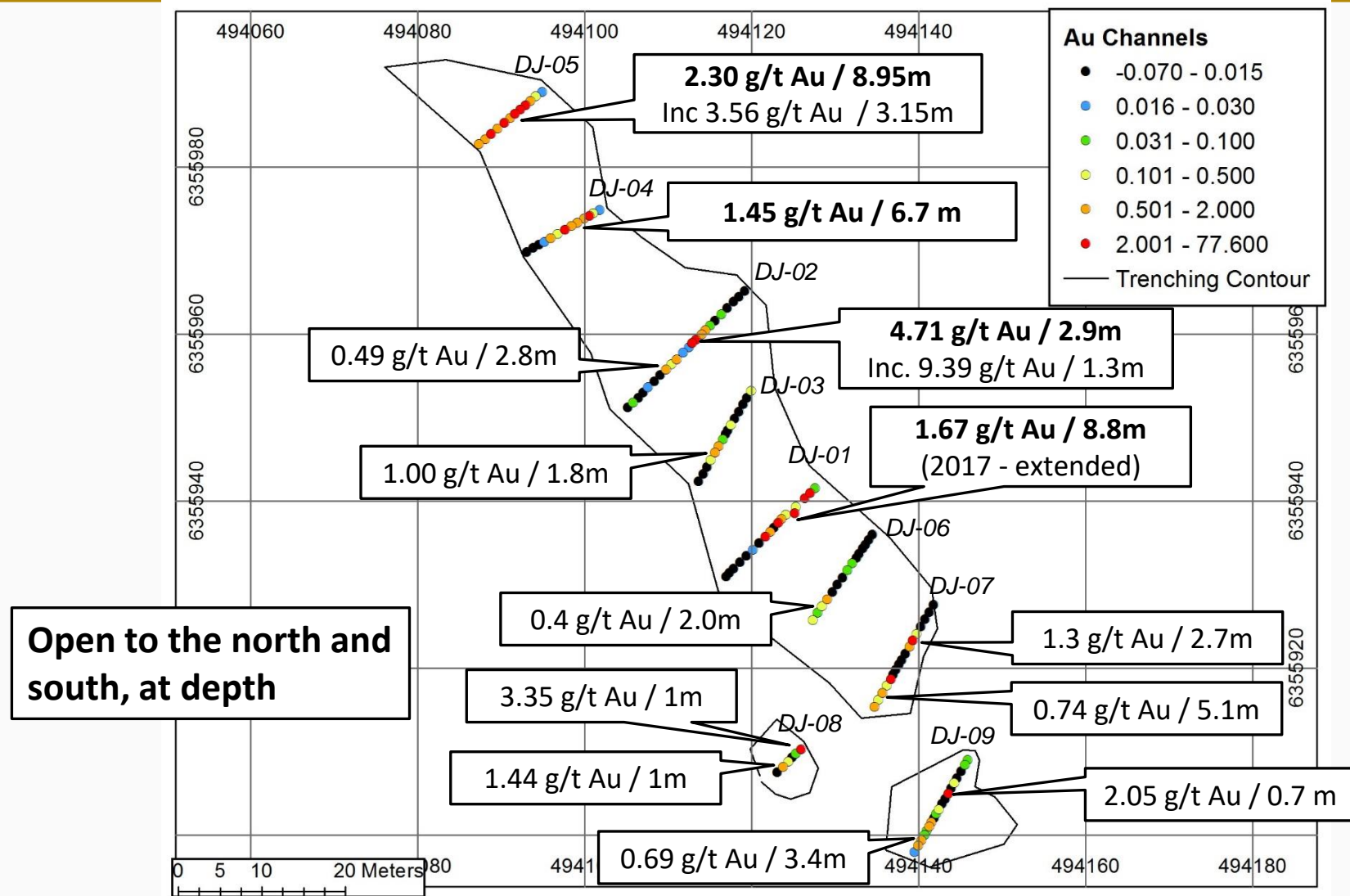


Didgeridoo Gold Zone

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

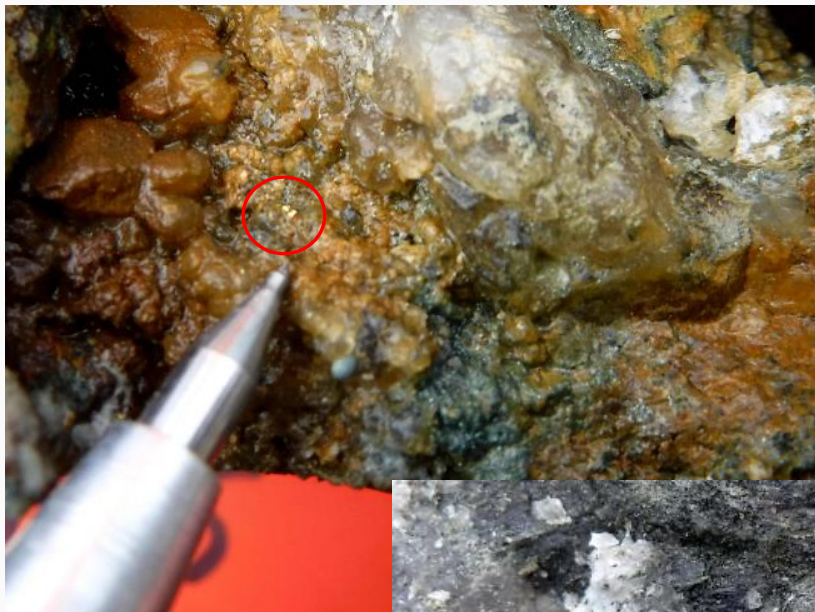


Didgeridoo – 2018 Channels Results





Visible Gold from Didgeridoo



Au Showings Willbob Project

- 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 (Dessureault, Lafrance Au Tonalite, Wayne). **Late D3' compressive event;**
 - $Au \pm Cu \pm Zn \pm Pb$ 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**

- Very favorable regional setting for orogenic Au 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;
 - Major first-order crustal-scale structure separating older, lower grade VSED metamorphic rocks, from younger, higher grade (amphibolite) metaseds rocks;
 - Major second-order gold-bearing fault zones within the Labrador Through;
 - Syn-orogenic, polygenic conglomerates – possibly marking major reactivated normal faults within the orogeny.
- Little previous exploration for gold – Lots of old exploration for base metals, gold was seldom analyzed – Many/most Au showings were found by Midland in the last 4 years – No IP geophysics ever done.
- Several Au-mineralization events now recognized – typical of major gold districts.