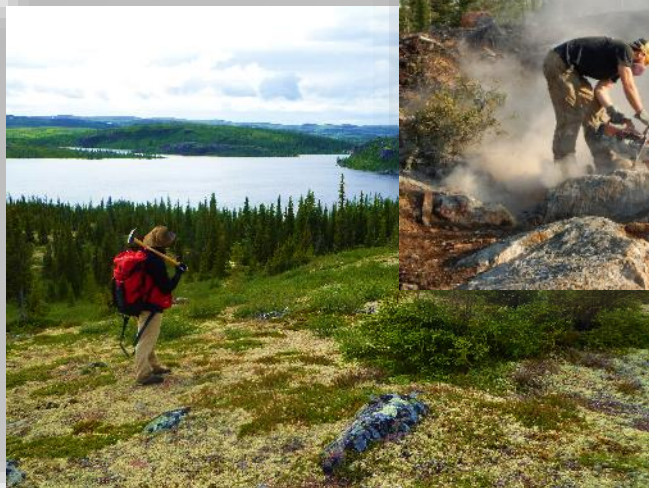




## Lasalle Au Project

*June 2021*

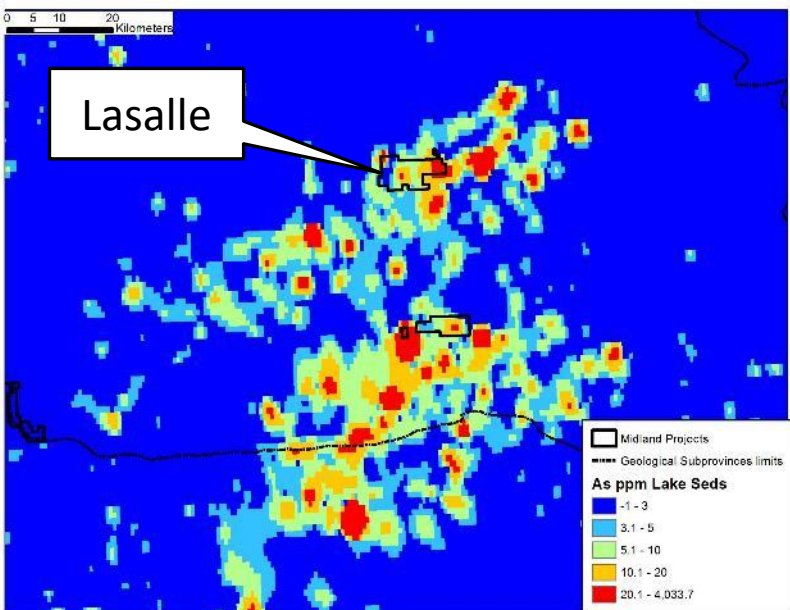
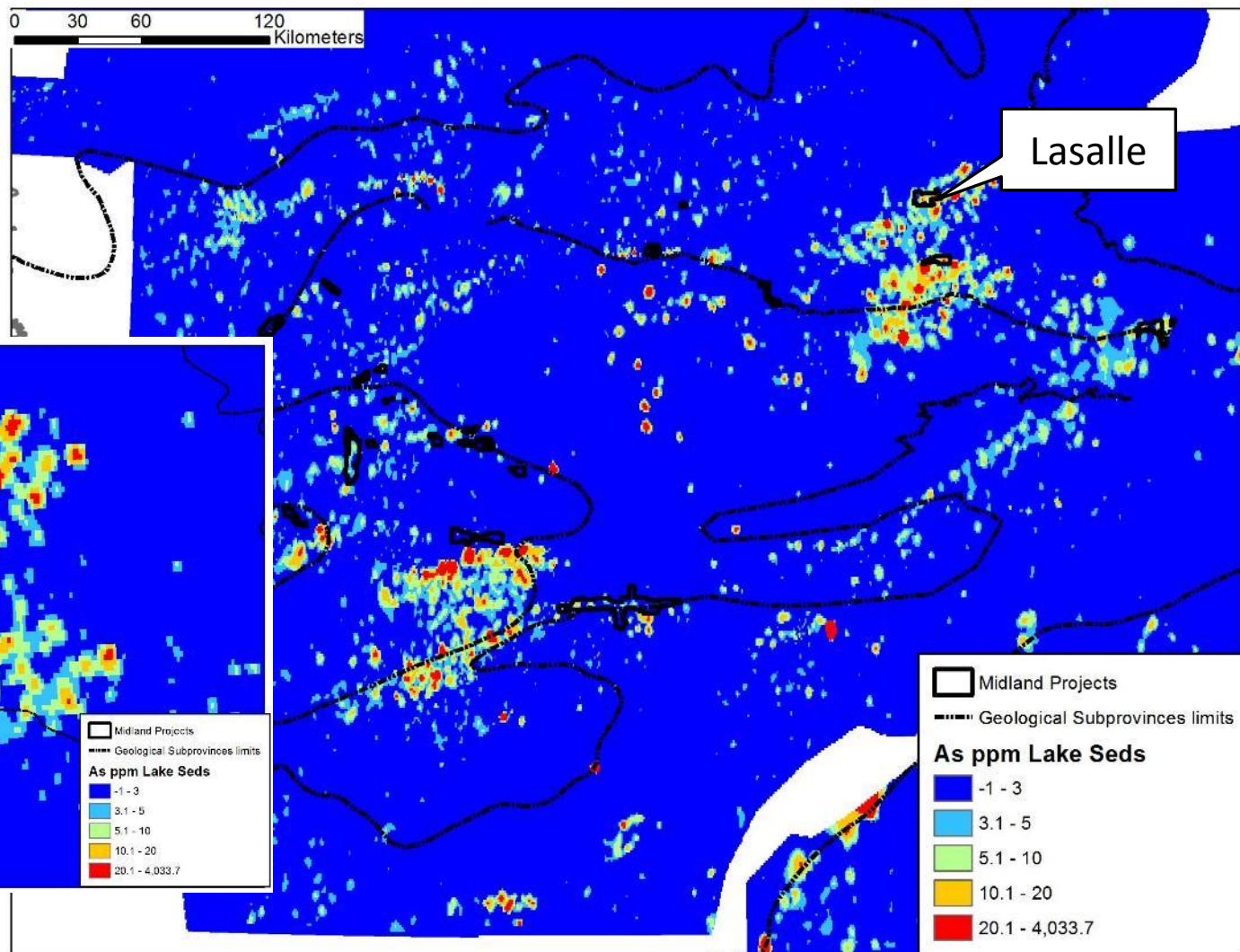




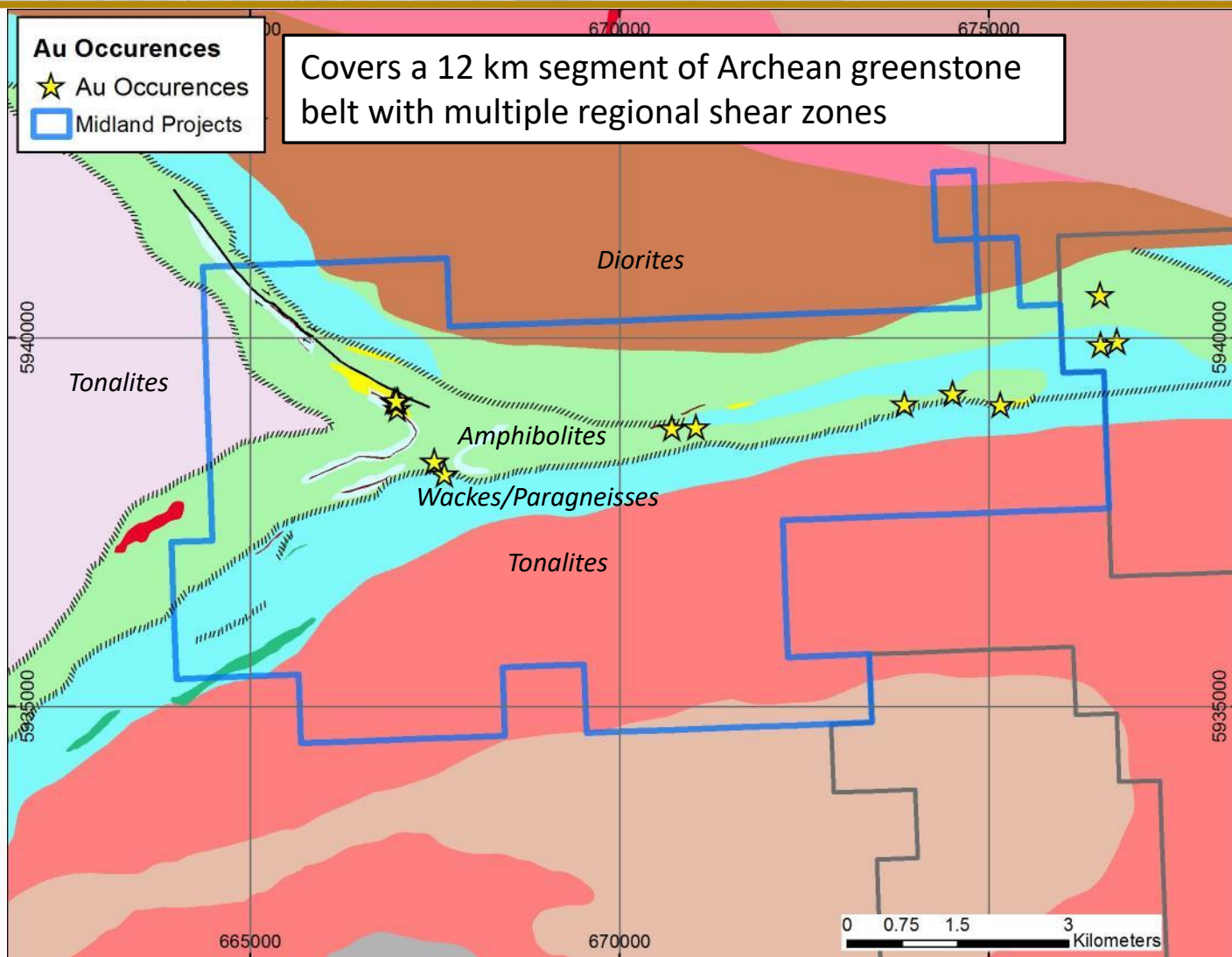


# Lasalle Block – Regional Lake As Sediment Data

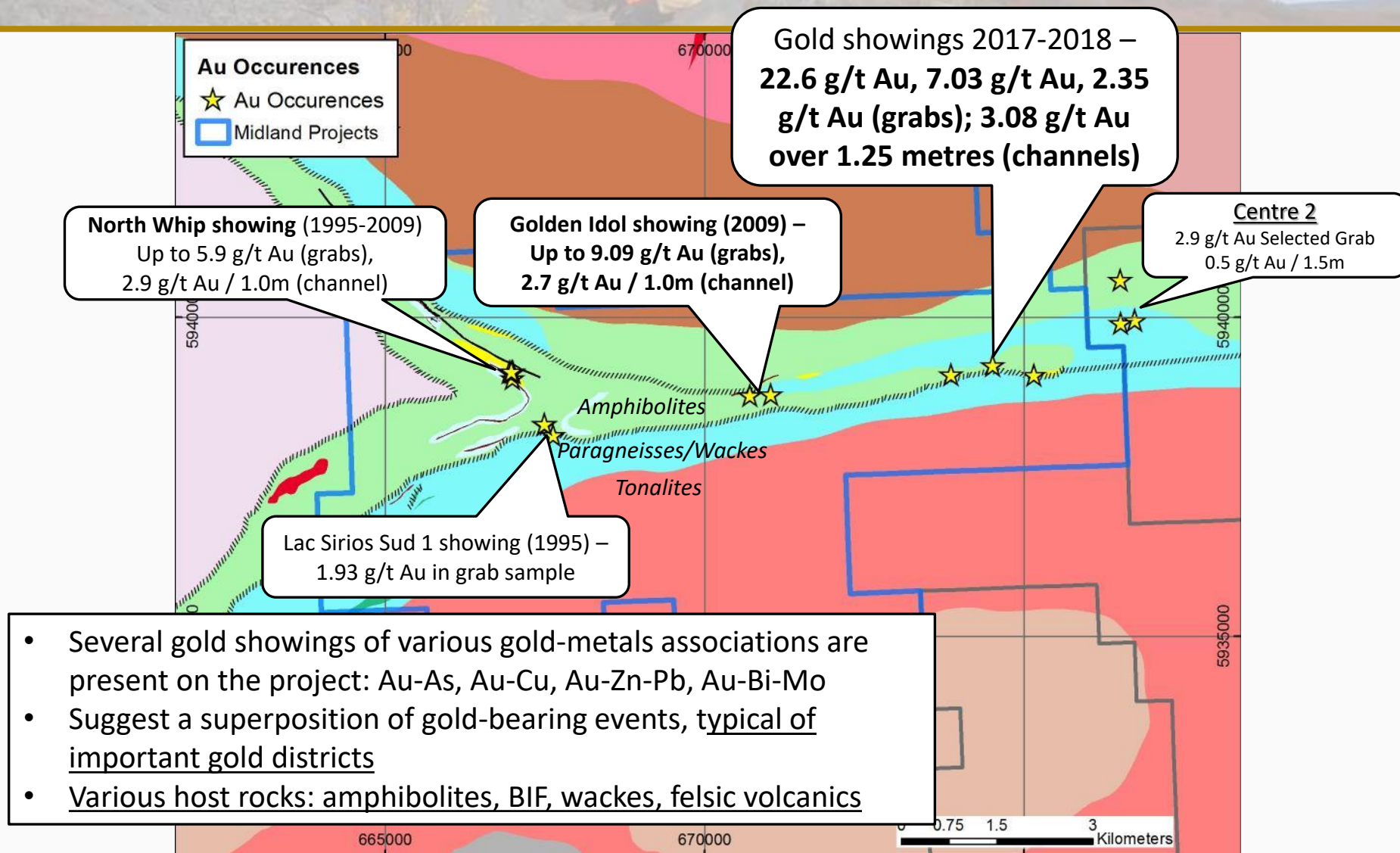
Part of a very  
prominent regional  
As lake sed anomaly



# Lasalle Project – Geology



# Lasalle Project – Gold Occurrences





# Gold showings 2017-2018 - Zoom

The Au-Cu-Bi-Mo and Au-Ag-Pb-Zn-Bi-Sb associations of the new 2017 gold showings suggest a magmatic-hydrothermal system rather than classic orogenic gold

Golden Idol showing (2009) – Up to 9.09 g/t Au (grabs), 2.7 g/t Au / 1.0m (channel)

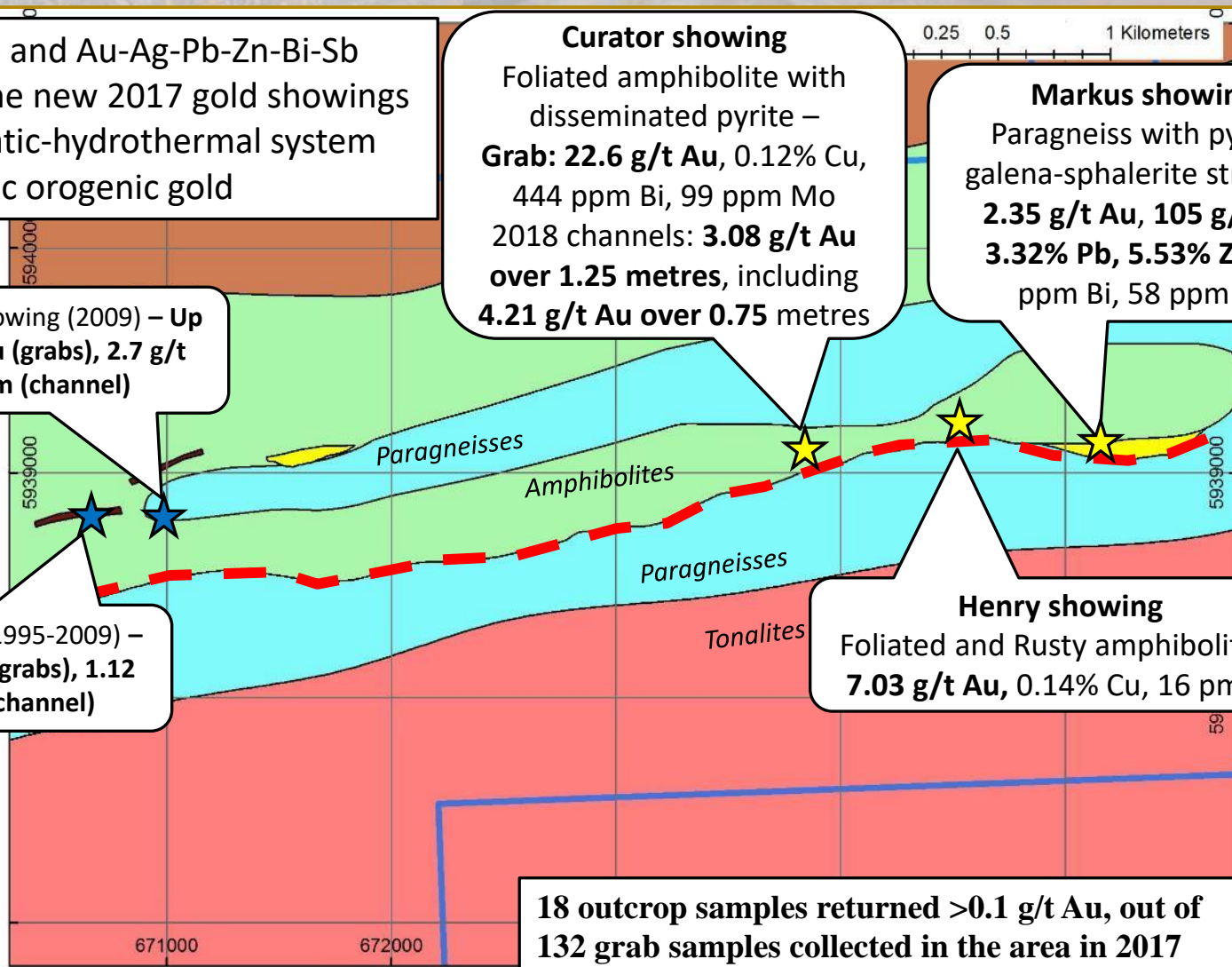
Centre-3 showing (1995-2009) – Up to 9.39 g/t Au (grabs), 1.12 g/t Au / 0.5m (channel)

**Curator showing**  
Foliated amphibolite with disseminated pyrite –  
**Grab: 22.6 g/t Au, 0.12% Cu, 444 ppm Bi, 99 ppm Mo**  
2018 channels: **3.08 g/t Au over 1.25 metres, including 4.21 g/t Au over 0.75 metres**

**Markus showing**  
Paragneiss with pyrite-galena-sphalerite stringers  
**2.35 g/t Au, 105 g/t Ag, 3.32% Pb, 5.53% Zn, 78 ppm Bi, 58 ppm Sb**

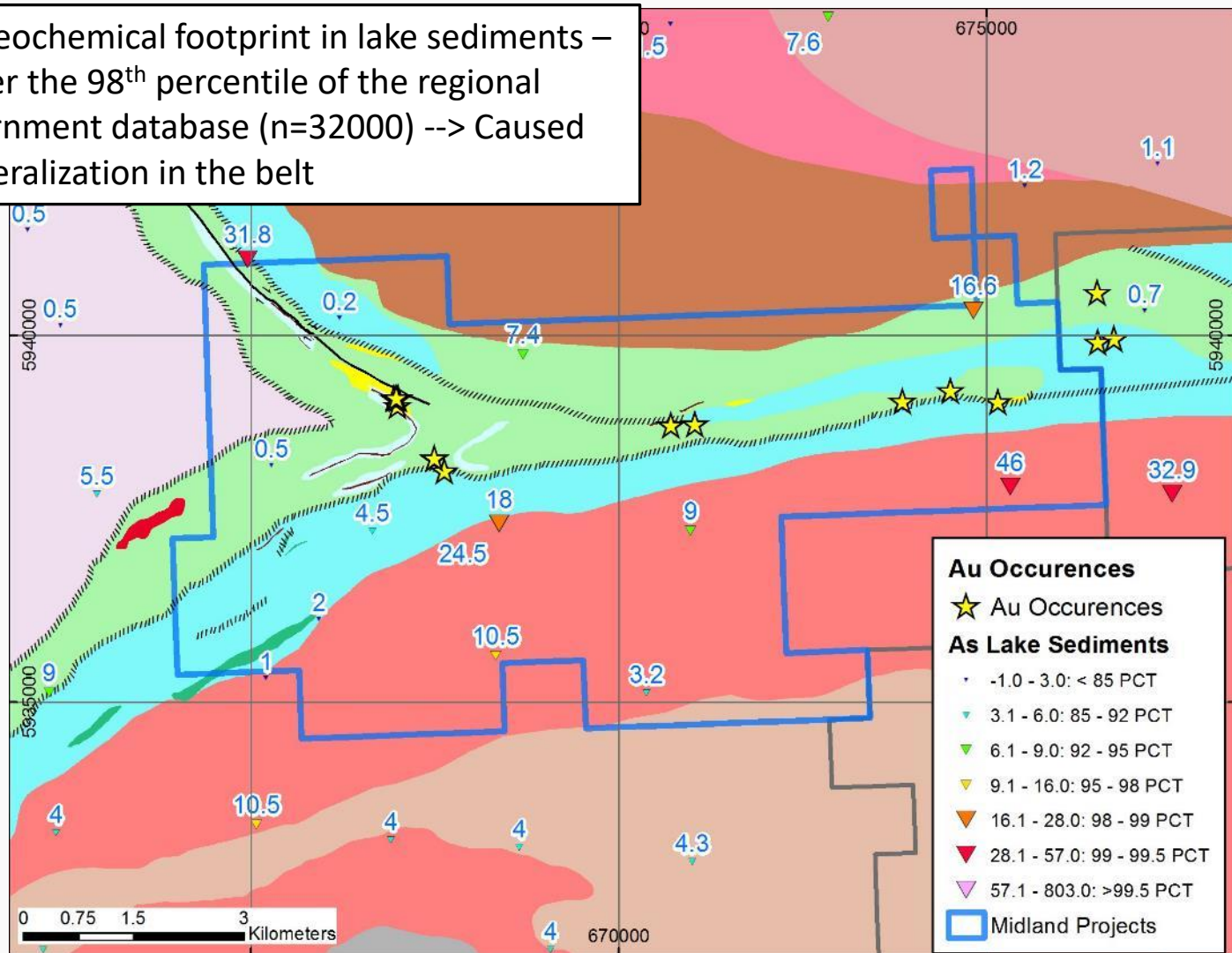
**Henry showing**  
Foliated and Rusty amphibolite –  
**7.03 g/t Au, 0.14% Cu, 16 ppm Bi**

**18 outcrop samples returned >0.1 g/t Au, out of 132 grab samples collected in the area in 2017**



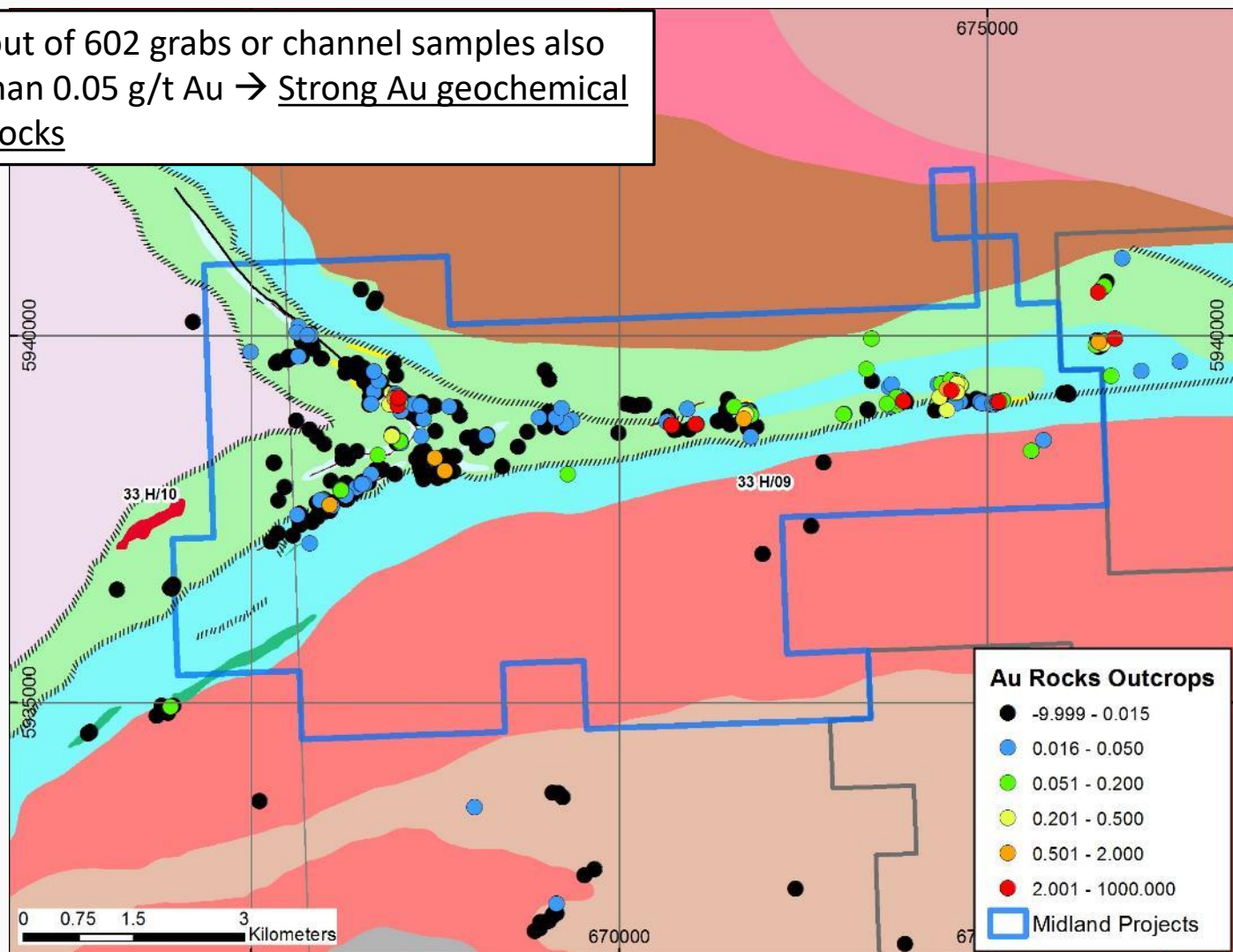
# As in Lake Sediments

Very Strong geochemical footprint in lake sediments –  
4 samples over the 98<sup>th</sup> percentile of the regional  
Quebec government database (n=32000) --> Caused  
by Au-As mineralization in the belt



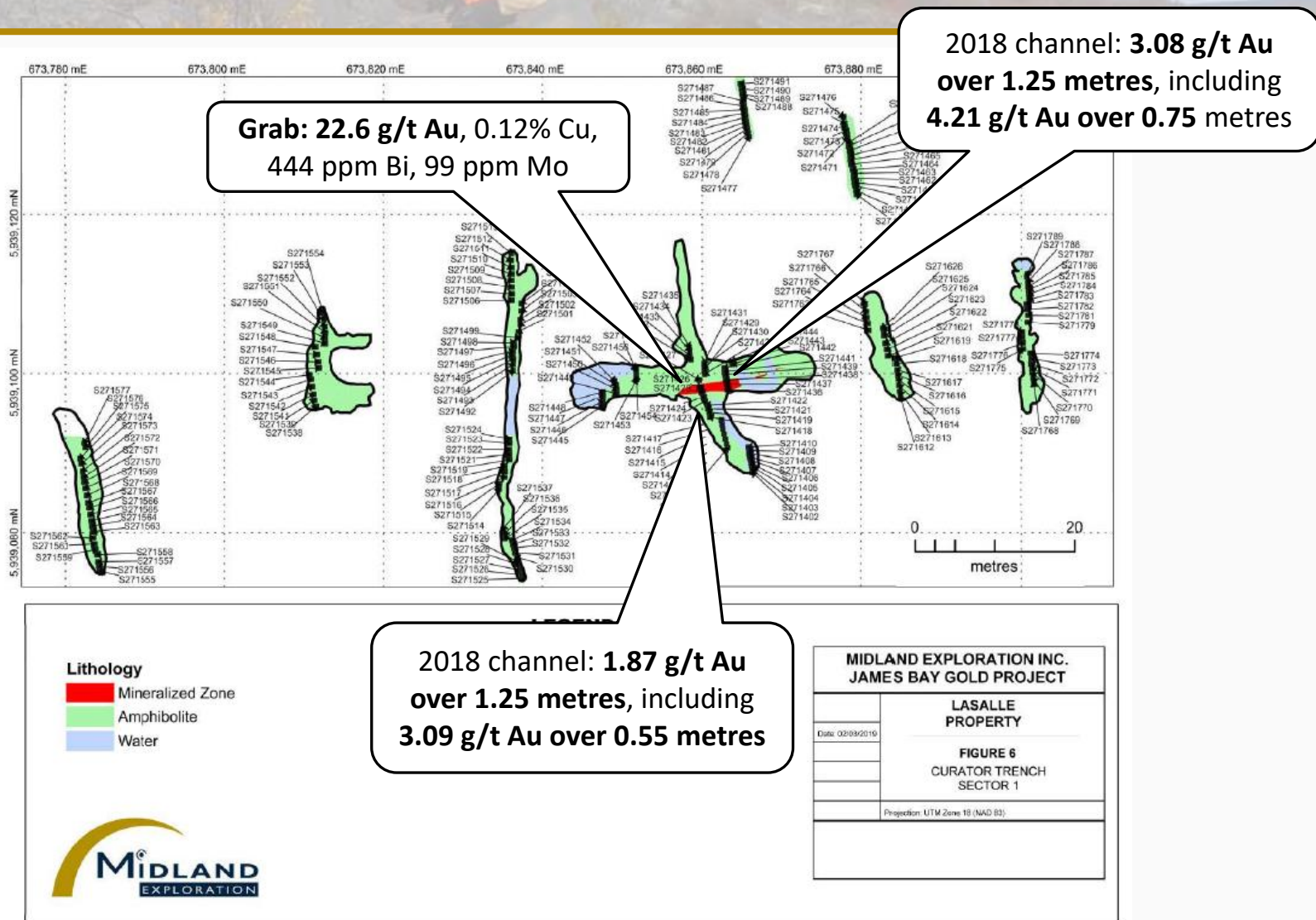
# Rock Sampling – Au Values

86 samples out of 602 grabs or channel samples also have more than 0.05 g/t Au → Strong Au geochemical footprint in rocks

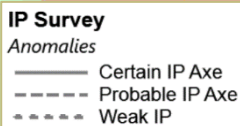
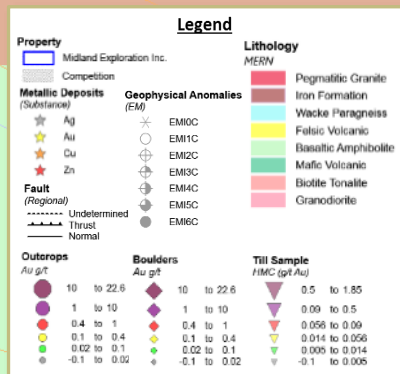




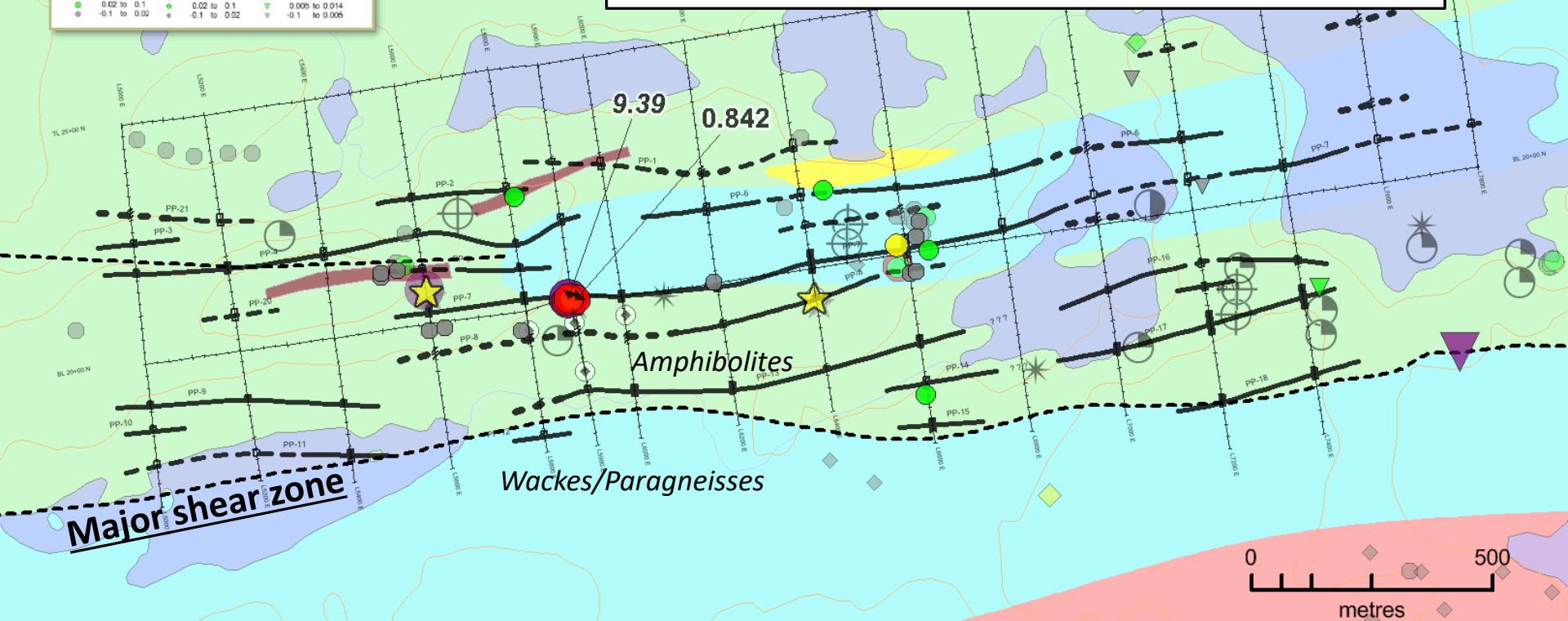
# Curator Trench



# IP Survey – Golden Idol

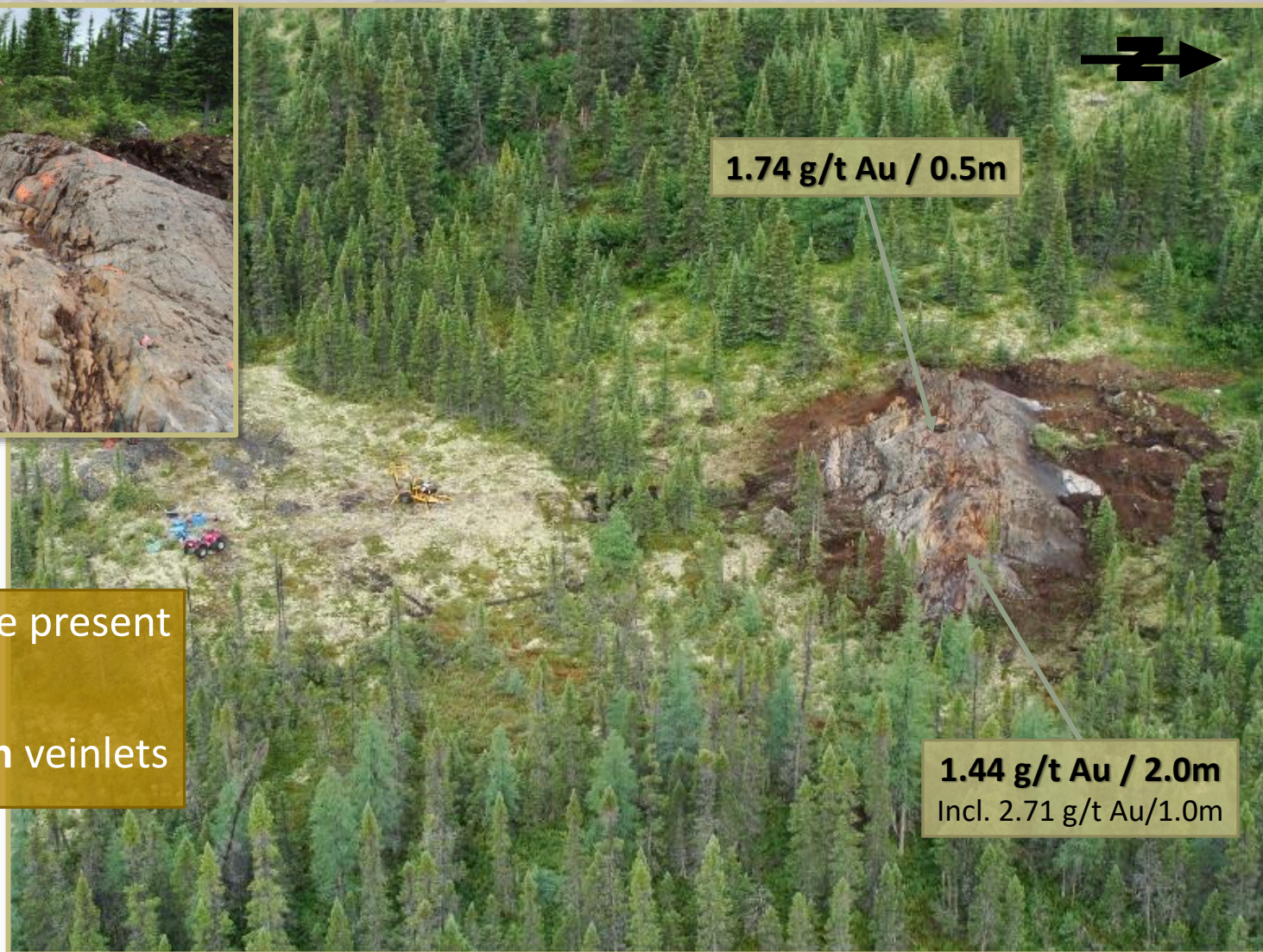


- IP anomalies are associated with the Golden Idol showing (up to 9.39 g/t Au in grabs).
- Several strong IP anomalies remain unexplained and untested – most notably the ones found at the major shear zone at amphibolites-wackes contact to the south, poorly outcropping.
- Shear Volcanics/sediments contacts are typically very good zones for orogenic Au-As.





# Golden Idol Trench - Lasalle

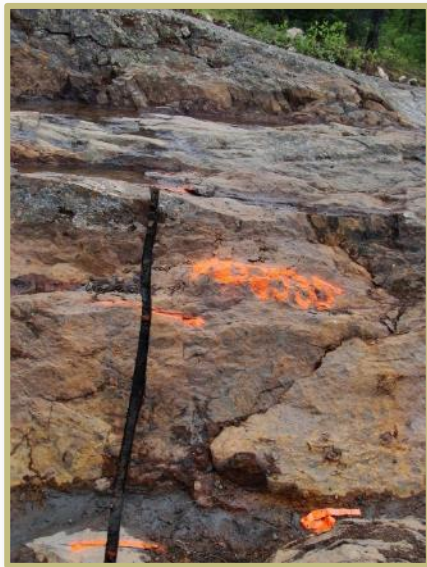
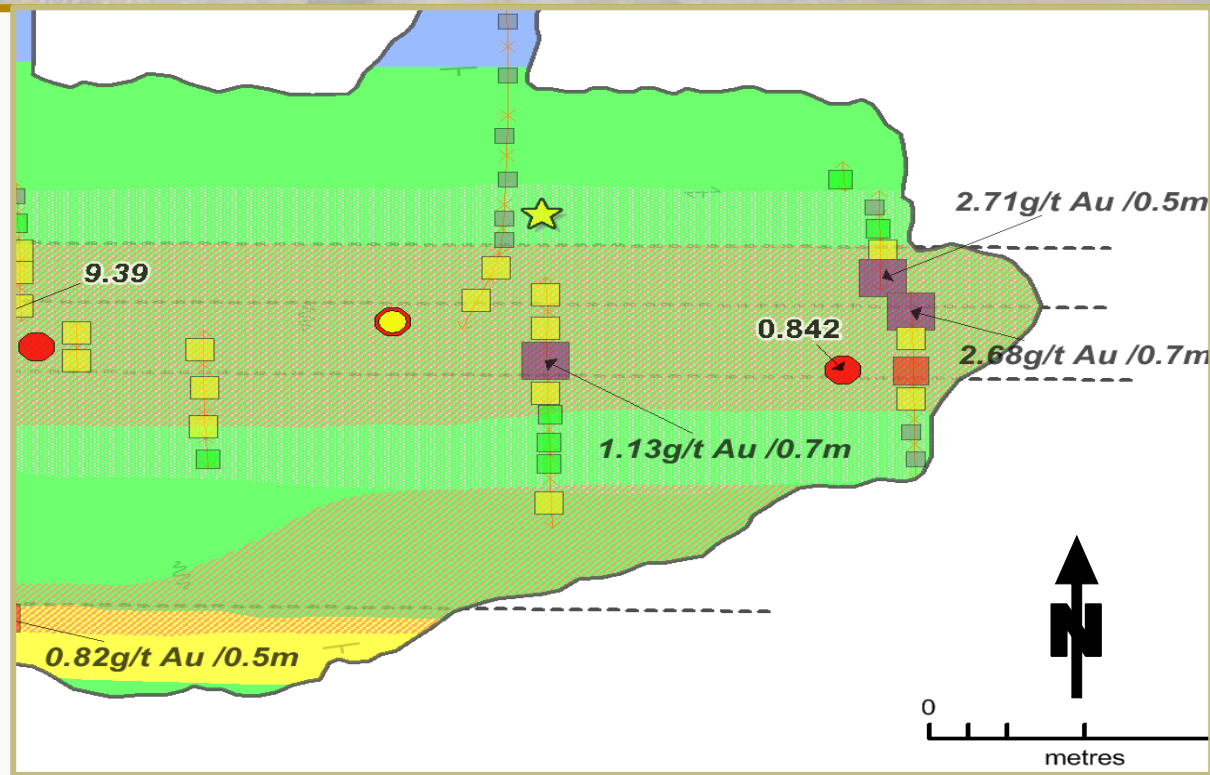
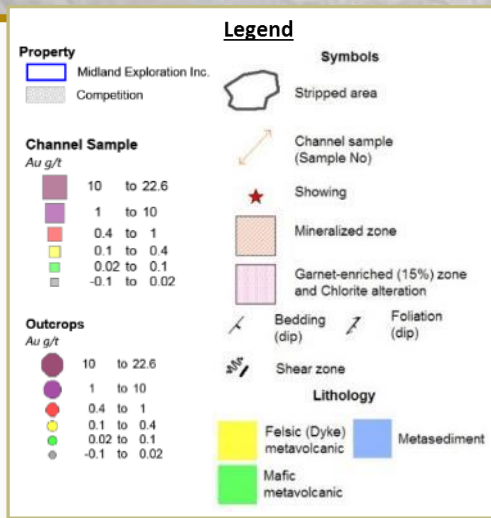


Several shears are present  
on the trench

**Arsenopyrite-rich veinlets**



# Golden Idol Trench



## Contact sediment/volcanics

Several shear zones with Asp concentrated in veinlets locally





# MaxMin – North Whip

Strong conductors detected

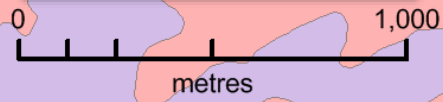
Associated with Po semi-massive sulfides horizons (?)

**Anomalies**

- Certain IP Axe
- - - Probable IP Axe
- ... Weak IP

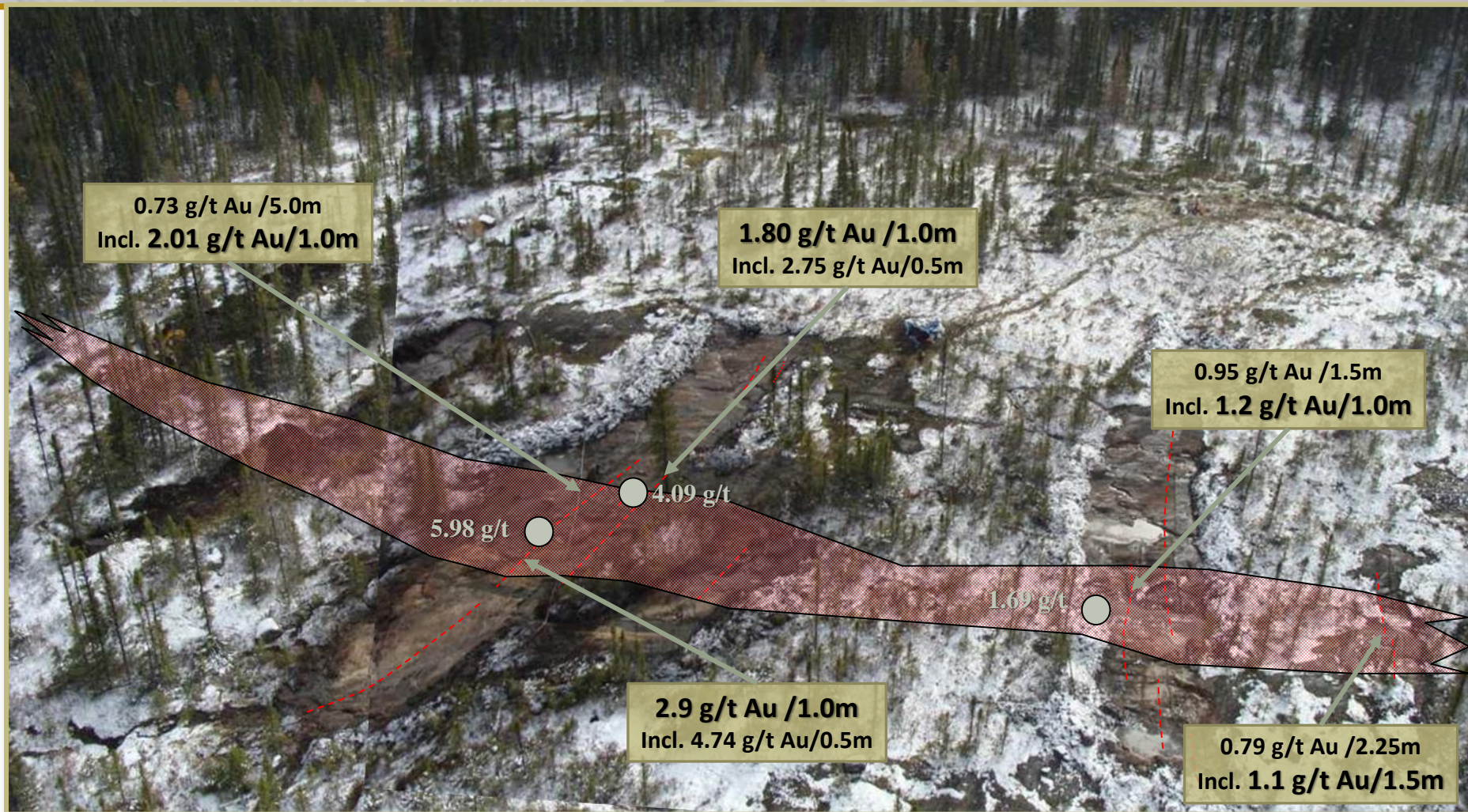
**Legend**

Property		Lithology	
Midland Exploration Inc.		MERN	
Competition		Pegmatitic Granite	
Metallic Deposits (Substance)		Iron Formation	
☆ Au	EM10C	Wacke Paragneiss	
★ Cu	EM12C	Felsic Volcanic	
★ Zn	EM3C	Basaltic Amphibolite	
Fault (Regional)		Mafic Volcanic	
..... Undetermined	EM4C	Biotite Tonalite	
----- Thrust	EM5C	Granodiorite	
----- Normal	EM6C		
Outcrops		Till Sample	
Au g/t	11MC (g/t Au)		
10 to 22.6	0.5 to 1.85		
1 to 10	0.09 to 0.5		
0.4 to 1	0.056 to 0.09		
0.1 to 0.4	0.014 to 0.056		
0.02 to 0.1	0.005 to 0.014		
-0.1 to 0.02	-0.1 to 0.005		





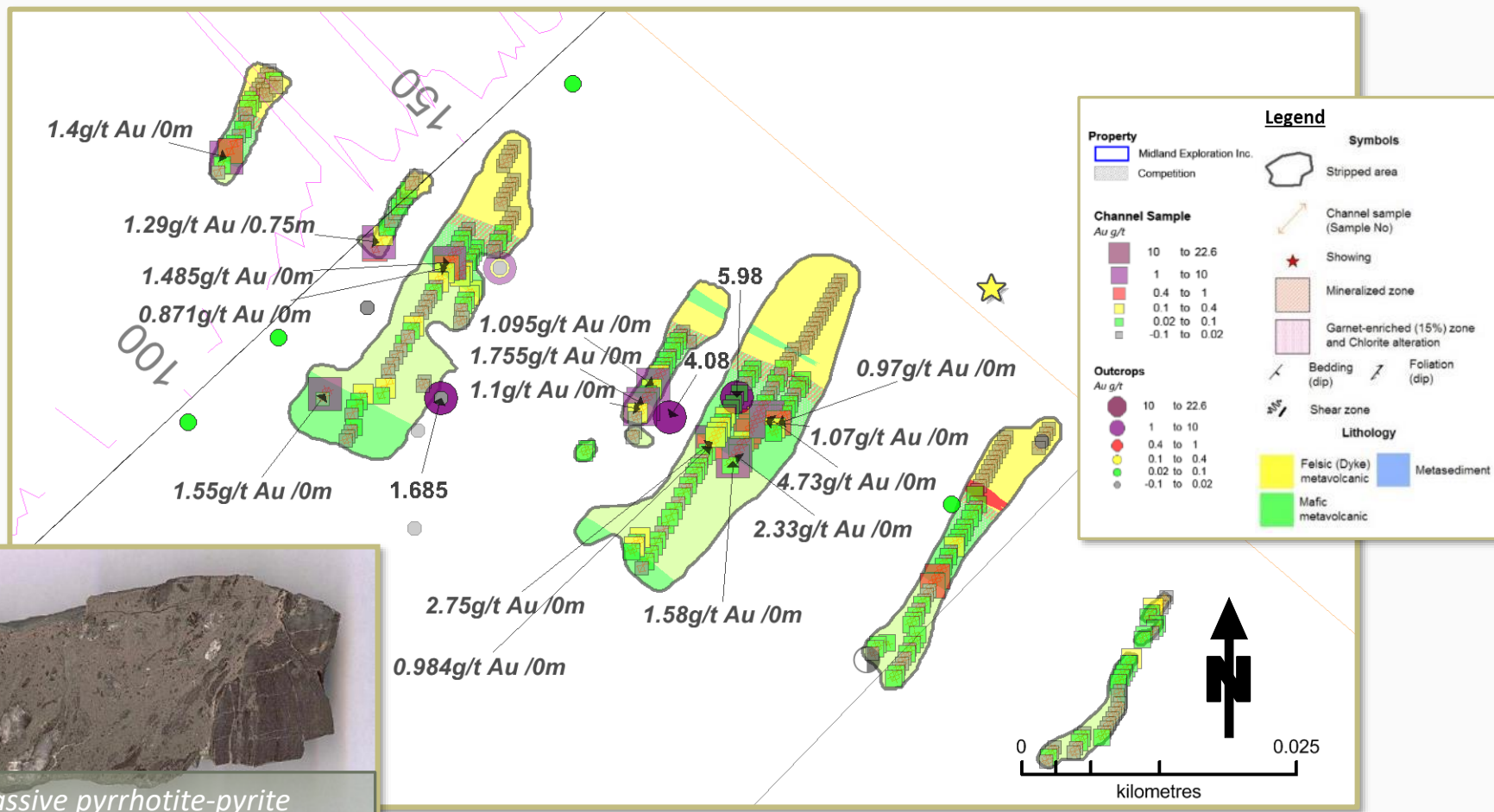
# North Whip Trench - Lasalle



*100m long mineralized zone – Grunnerite-Garnet BIF*



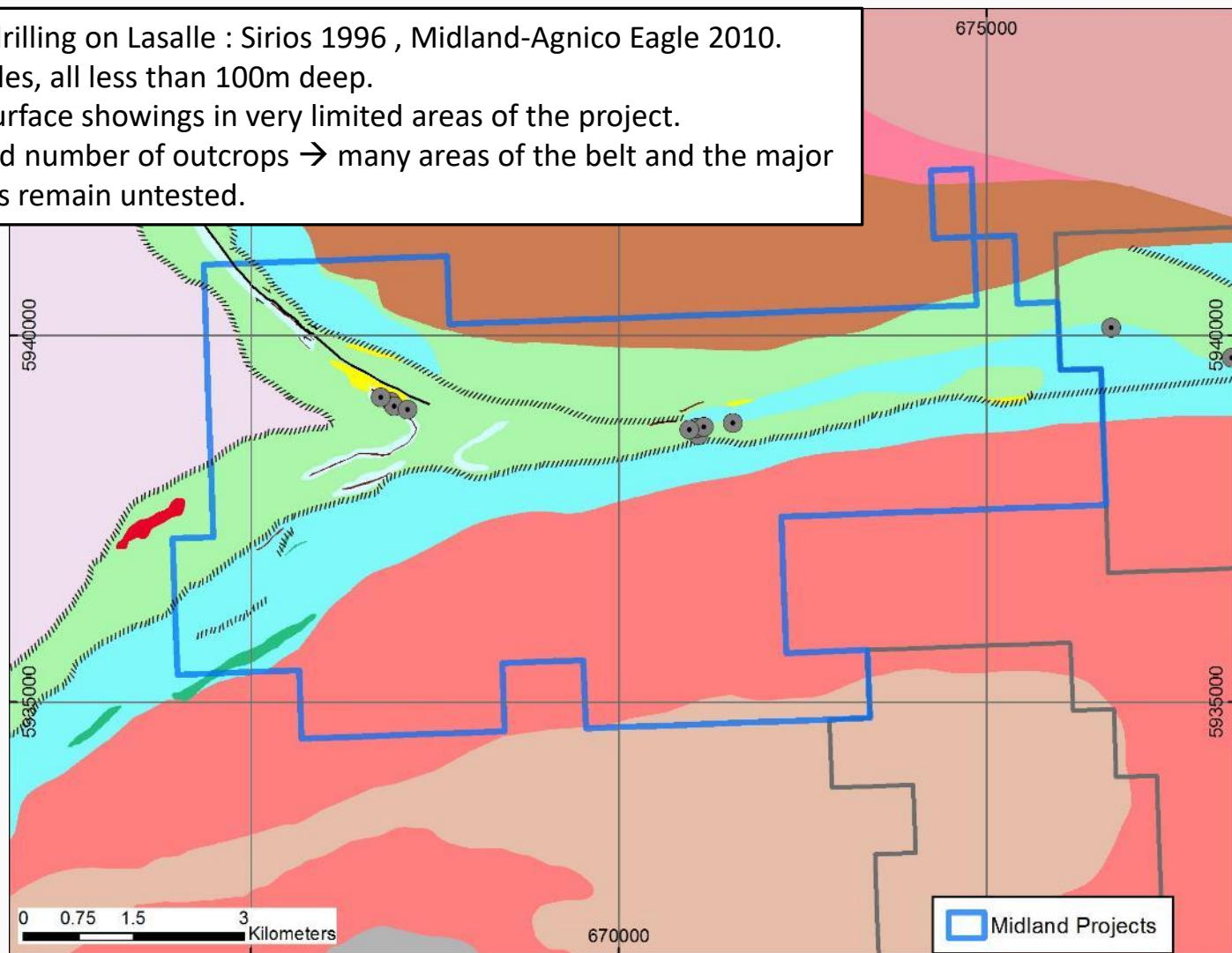
# North Whip Trench



Trench mapping and channel sampling detail

# Historical Drilling

- Historical drilling on Lasalle : Sirius 1996 , Midland-Agnico Eagle 2010.
- Only 10 holes, all less than 100m deep.
- Targeted surface showings in very limited areas of the project.
- Also Limited number of outcrops → many areas of the belt and the major shear zones remain untested.



# Lasalle Project- Highlights

- ✓ Poorly explored Archean greenstone belt, segment 12 km long controlled by Midland.
- ✓ Strong arsenic lake sediment footprint, indicating abundant arsenopyrite-bearing mineralization,
- ✓ Several types of gold mineralization observed → Likely a superposition of gold events → typical of major Au districts:
  - ✓ Au-As (orogenic);
  - ✓ Au-Mo-Bi (magmatic-hydrothermal / volcanogenic?);
  - ✓ Au-Ag-Zn-Pb-Bi (magmatic-hydrothermal / volcanogenic?).
- ✓ Very limited historical drilling, only 10 DDH, all less than 100m deep.
- ✓ Lots of IP anomalies are still unexplained; most of the greenstone belt was never covered by IP surveys.
- ✓ Major shear zones with IP anomalies at volcanics/sediments contacts remain mostly untested and will be the focus of future exploration in 2018.