



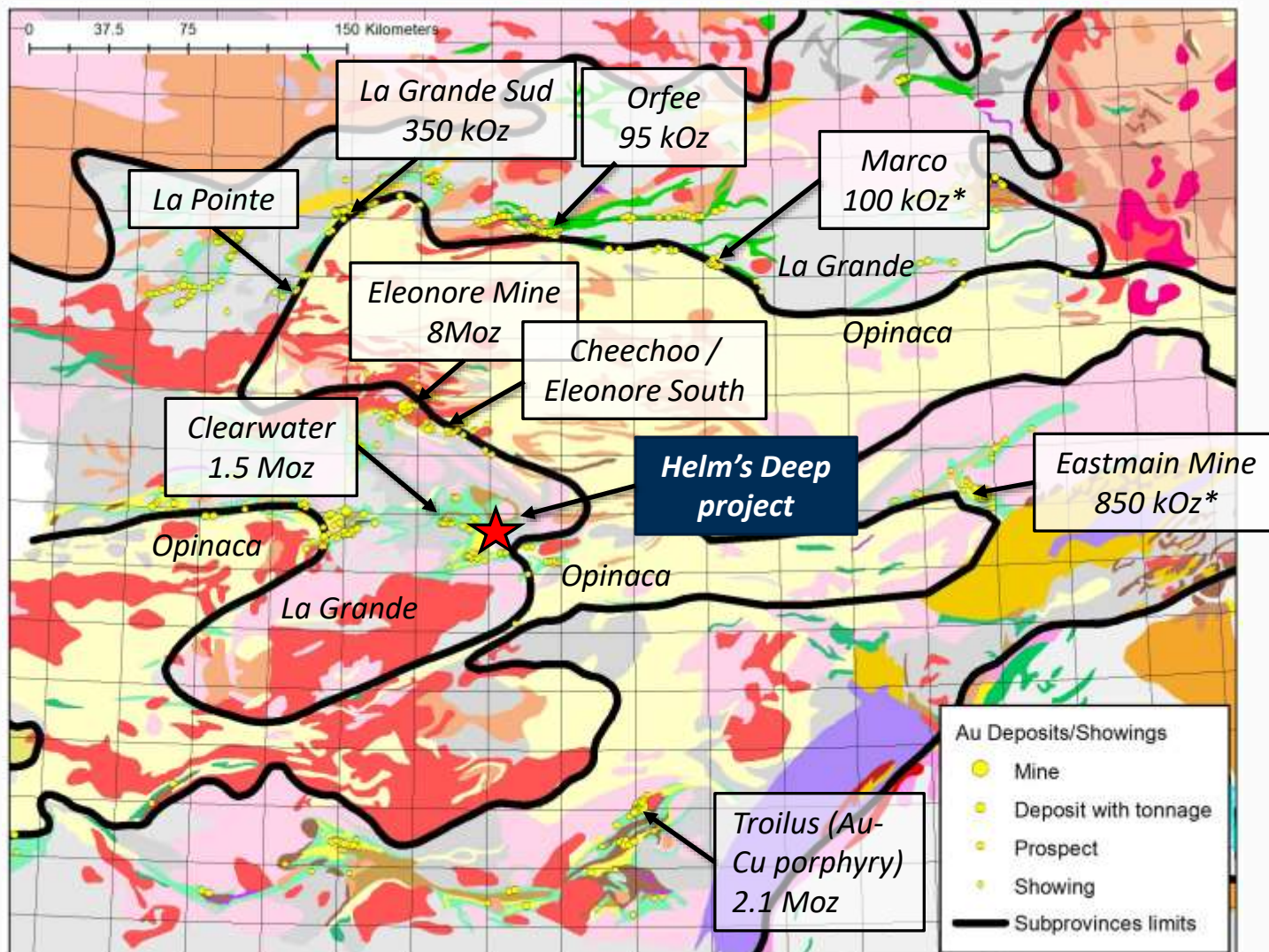
TSX-V:MD

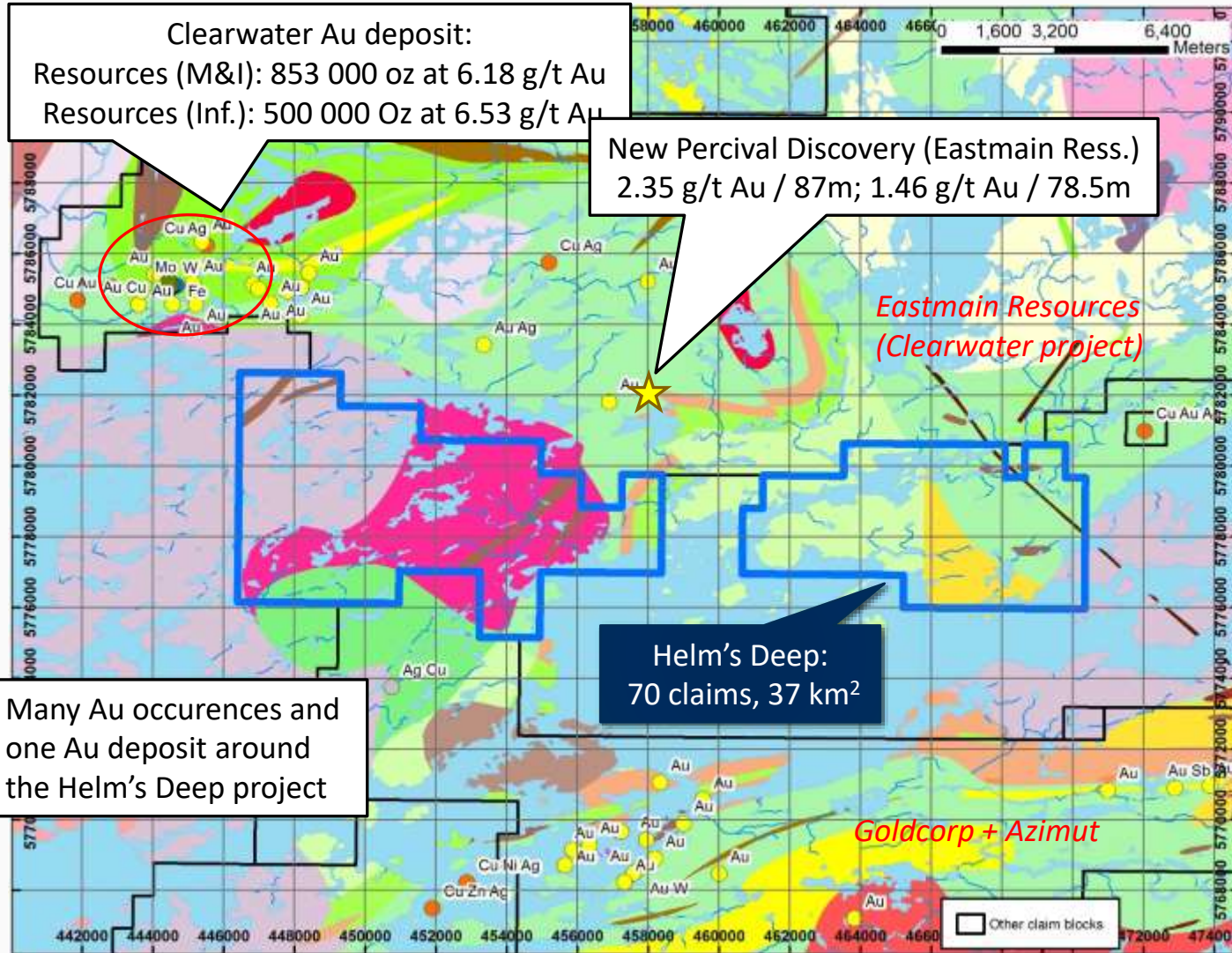


## Helm's Deep Au Project



# James Bay – Main Au Deposits

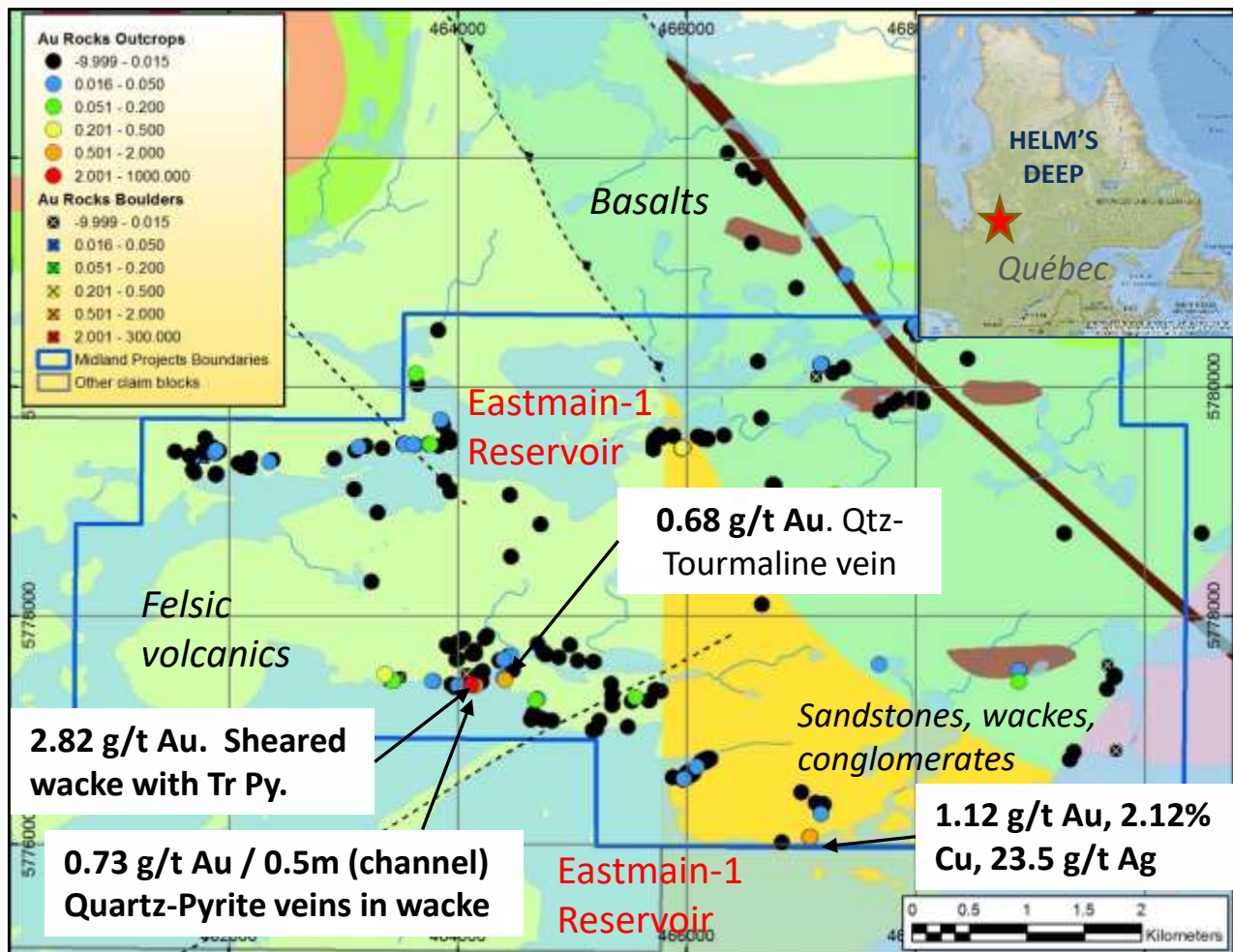




Many Au occurrences and one Au deposit around the Helm's Deep project

# Helm's Deep Project: New Gold Showings

- Several new gold showings found in 2017-2018 → Quartz veins with strong, proximal biotite-tourmaline alteration, and distal calcsilicate alteration, in sandstones.
- No previous recorded exploration on most of the project
- The new, 10 years old Eastmain-1 hydro reservoir provides lots of new, very high quality outcrops; most of the shoreline has never been prospected (by Midland or others)

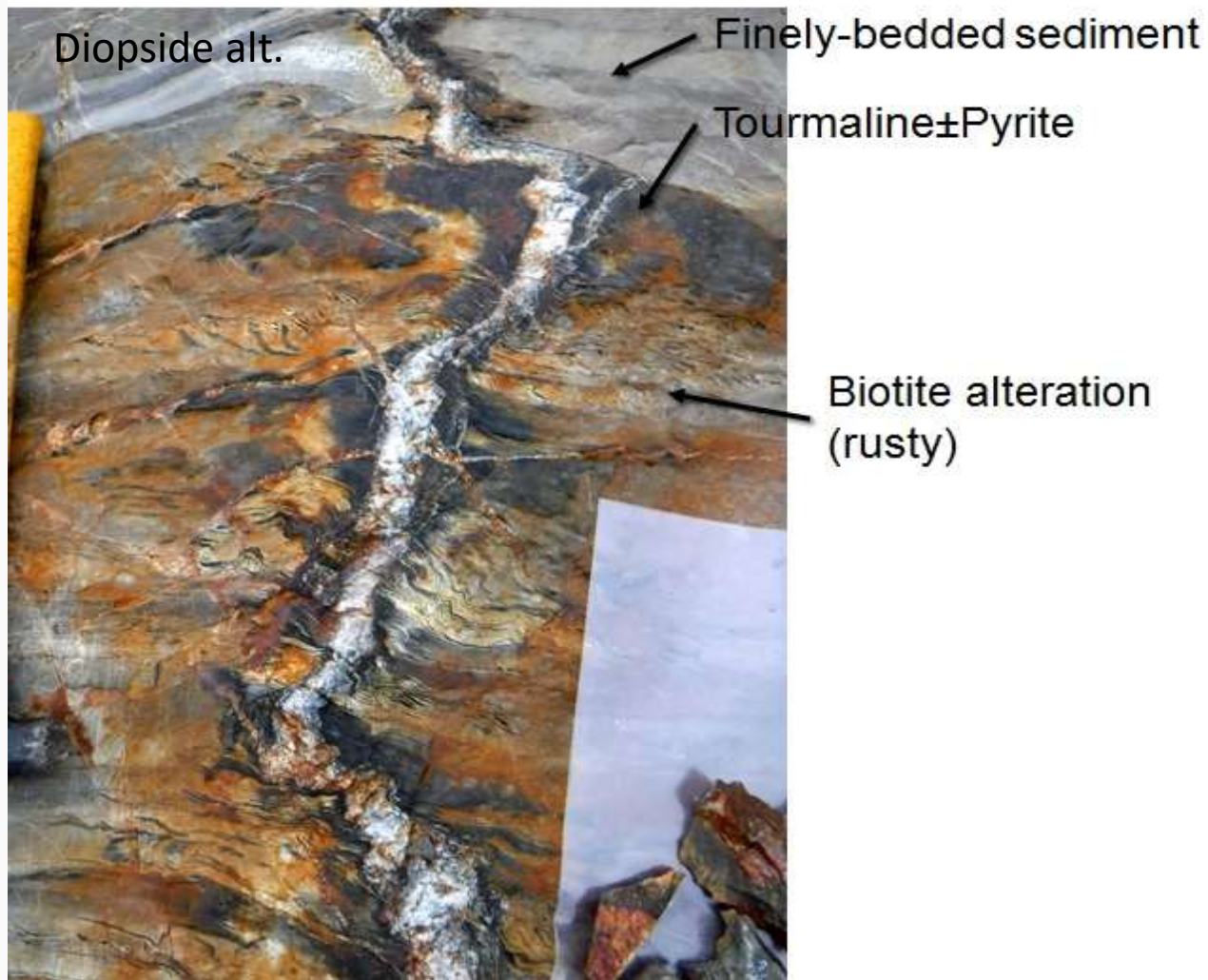


# Eleonore Mine – Biotite-Tourmaline-Sulfide Proximal Alteration in Gold Ore



**PHOTO 3** - Altération proximale associée aux minéralisations de la zone de Roberto. Stockwerk de veines plissées et contenant de la tourmaline, du quartz de la pyrrhotite, de la pyrite et de l'arsénopyrite.

0.68 g/t Au



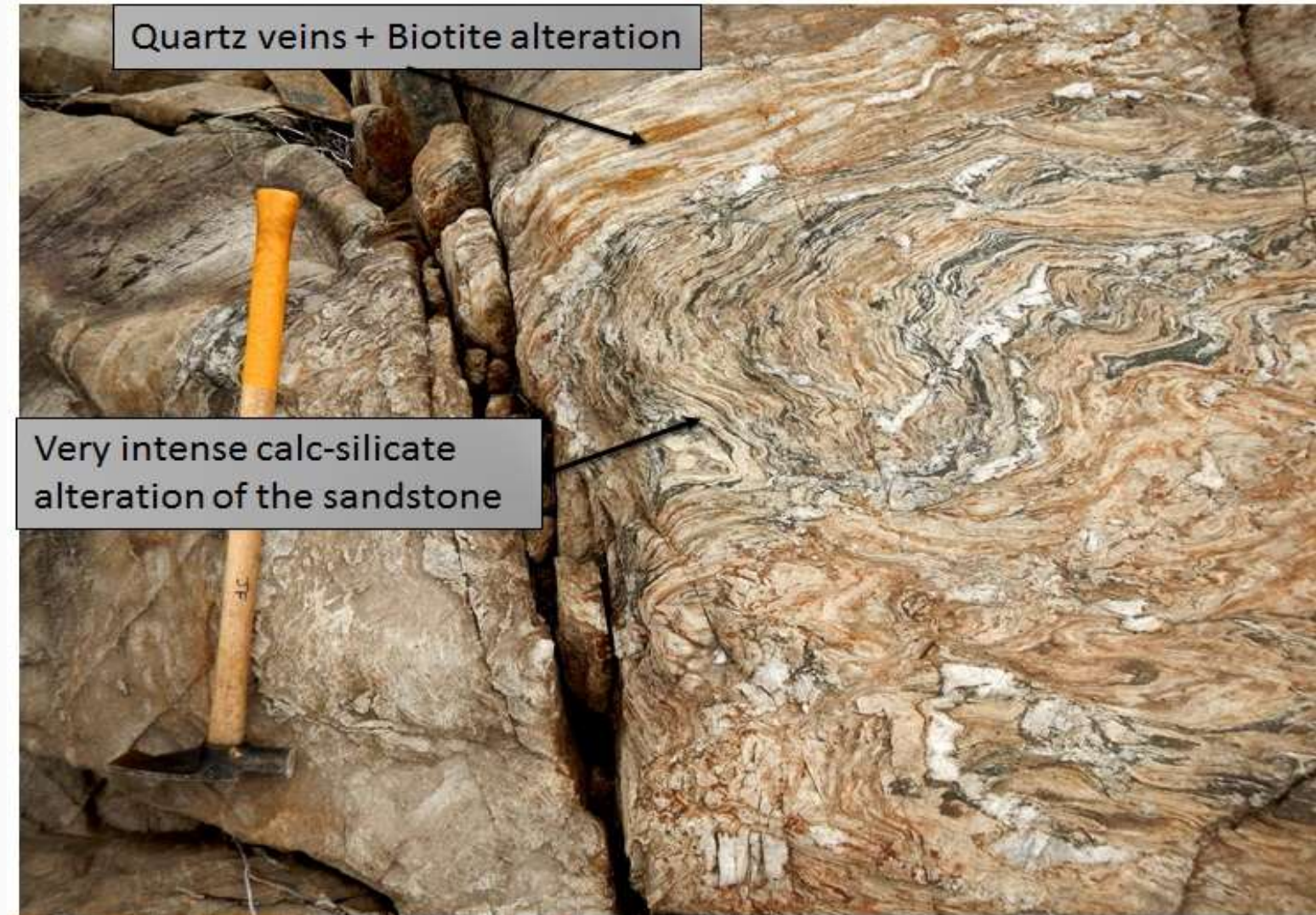
# Helm's Deep - Calc-silicate – Biotite - Tourmaline Alteration in Sandstones



Very abundant Calc-Silicate alteration in sandstones. Also lots of Quartz-Biotite-Tourmaline veins (Amazing rocks!)



# Helm's Deep – Biotite-Tourmaline-Calc-silicate Alteration in Sandstones





# Helm's Deep - Calc-silicate Alteration in Sandstones



## Helm's Deep - Polymictic Conglomerate with Tourmaline Alteration in Matrix

Similar polymictic conglomerates are found near Eleonore and could mark the location of a major normal fault reactivated during further compression (Timiskaming-type)



# Helm's Deep Project: Highlights

- Features several new orogenic gold showings hosted in sandstones and Timiskaming-type polygenic conglomerates of the Auclair formation
- Located on the shores of the new Eastmain-1 hydroelectric reservoir. New very high-quality outcrops were created by the flooding. Only a small part of the reservoir shore has ever been prospected.
- Three new gold showings found in 2017-2018: **2.82 g/t Au, 0.72 g/t Au, 0.68 g/t Au, 0.73 g/t Au / 0.5m (channel)**. Gold mineralization occurs as quartz veins and veinlets with strong, proximal biotite-tourmaline alteration, and distal calcsilicate alteration, in sandstones.
- Abundant and widespread veining and alteration in the sandstones and polygenic conglomerates (biotite, tourmaline, diopside, actinolite alteraitons)
- Alteration, host rocks very similar to the multi-million ounces Eleonore gold deposit (Goldcorp). Near significant Au discoveries on the Clearwater Au project