



### **Elrond Au Project**





## **Midland Elrond Project Location**





### **Elrond Project Area - Geology**



## **Elrond Area – Regional Total Field Magnetics**

MIDLAND EXPLORATION



## Elrond – Au-Bearing Pegmatites / Granites

- Rusty zone with sulfides centered on a 20 cm wide sheared zone in Vieux-Comptoir granites/pegs; open to the north and east
- Au-Mo-Bi signature; 7 samples within 3m x 2m zone: 0.38 to 1.63 g/t Au, 0.005 to 0.06% Mo, 0.01 to 0.05 % Bi
- Probably **"reduced intrusion-related gold"** mineralization type

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# Elrond Project Area – 4.53 g/t Au Showing

Amphibolite with strong fine-grained As mineralization

Somewhat rusty zone 2m x 1m on outcrop Two samples: **4.53 g/t Au, 3.23 g/t Au.** 





## Elrond – 2017/2019 Au Results South



## Elrond – 2017 Au Results South

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# Elrond – 2017/2018 Au Results Center



## Au Mineralization in Late Granitoids, James Bay

- Cheechoo-Eleonore South-(Eleonore) emerging as a second, late gold event in the James Bay area, coincident with the late phase of S-type magmatism in the Opinaca subprovince (2,620 Ma to 2,600 Ma). All located at the La Grande-Opinaca boundary. Also, pegs recently confirmed as Au-bearing on the northern LG-OPI contact at Orfee zone, and on the western contact at the La Pointe deposit. All located at the La Grande-Opinaca boundary.
- The Cheechoo and Eleonore South examples confirm that these are not only local melting/remob phenomenon of existing mineralization; they are important enough to form important Au prospects.
- The potential for similar mineralization exist all around the Opinaca-La Grande contact and was not explored in the past – recognized only as important in 2015 following the dating of the Cheechoo-Eleonore South intrusion at 2,612 Ma.
- In the past, these late-granite pegmatites were considered as barren and very seldom explored/sampled.
- Now confirmed on the Elrond project Au-Mo-Bi±As pegmatites of the same age, possibly Au-As±W±Mo±Bi in nearby amphibolites.

## Midland Elrond Project Area – Intrusion-Related Model





## **Elrond Project: Highlights**

- Unexplored segment of the prolific La Grande Opinaca subprovinces boundary, host to the Eleonore mine and the Cheechoo prospect.
- ✓ Several new gold showings found in 2017, in just 3 days of prospection:
  - ✓ 4.52 g/t Au, 1.81 g/t Au in grab samples, in amphibolites mineralized in arsenopyrite-pyrrhotite;
  - ✓ Tourmaline-bearing granite dyke with 2.49 g/t Au, high Bi;
  - ✓ Up to 1.63 g/t Au in grab samples, high Bi and Mo, shear zone in late Vieux-Comptoir granites/pegmatites.
- ✓ Gold-bearing pegmatites indicate a strong potential for Cheechoo/Eleonore South type intrusion-related gold deposits associated with late granites/pegmatites.
- ✓ Classic orogenic gold potential as well.