

# LAVA PROPERTY

## PDAC 2025 PRESENTATION

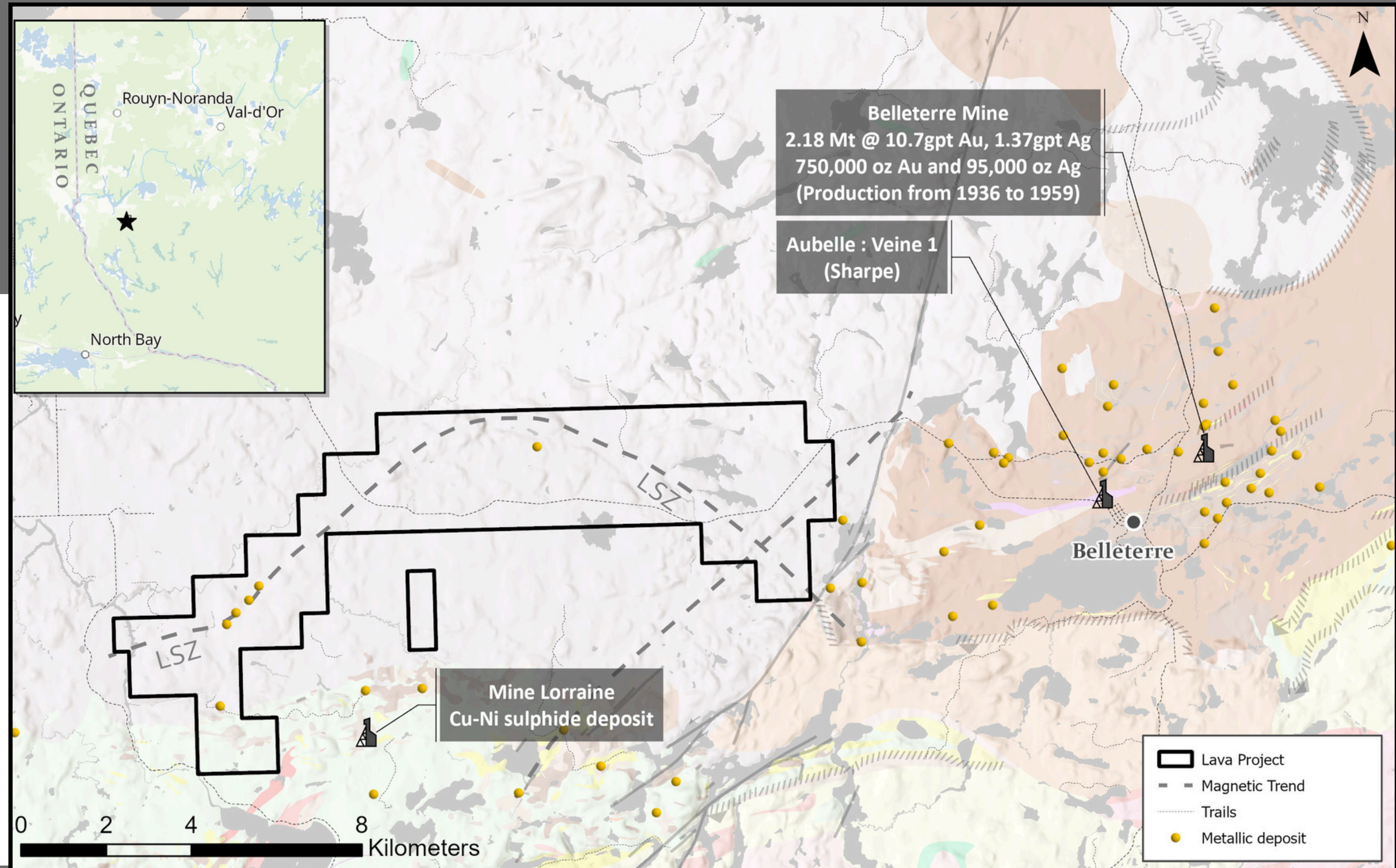
**Date:** January 2025





# LOCATION & CLAIM INFORMATION

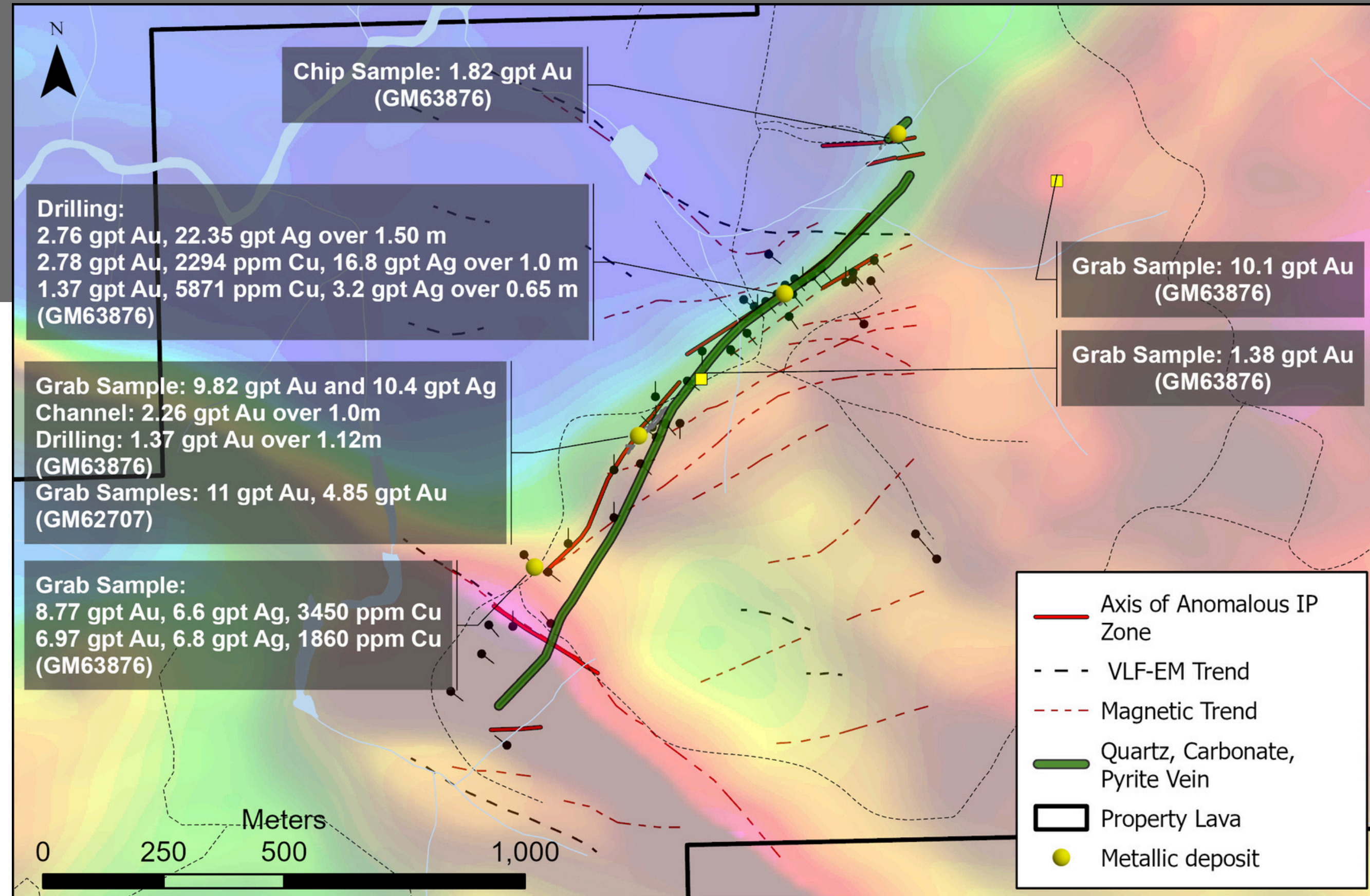
- Temiskaming Region, Quebec
- 20 km west of Belleterre
- Road access via Route 362
- 93 Claims (5,068 ha)
- Held 100% by Vendors
- No underlying royalties





# PREVIOUS WORK

- 1960s Local prospectors
  - Lavallée showings found
- 1981-88 Min. Chabela
  - Lava 4,602 m in 37 holes
- 2006-07 Ress. Conway
  - Airborne MAG & IP surveys Lava & Fraser
  - Lava 3,178 m in 39 holes
  - Fraser 1,530 m in 15 holes





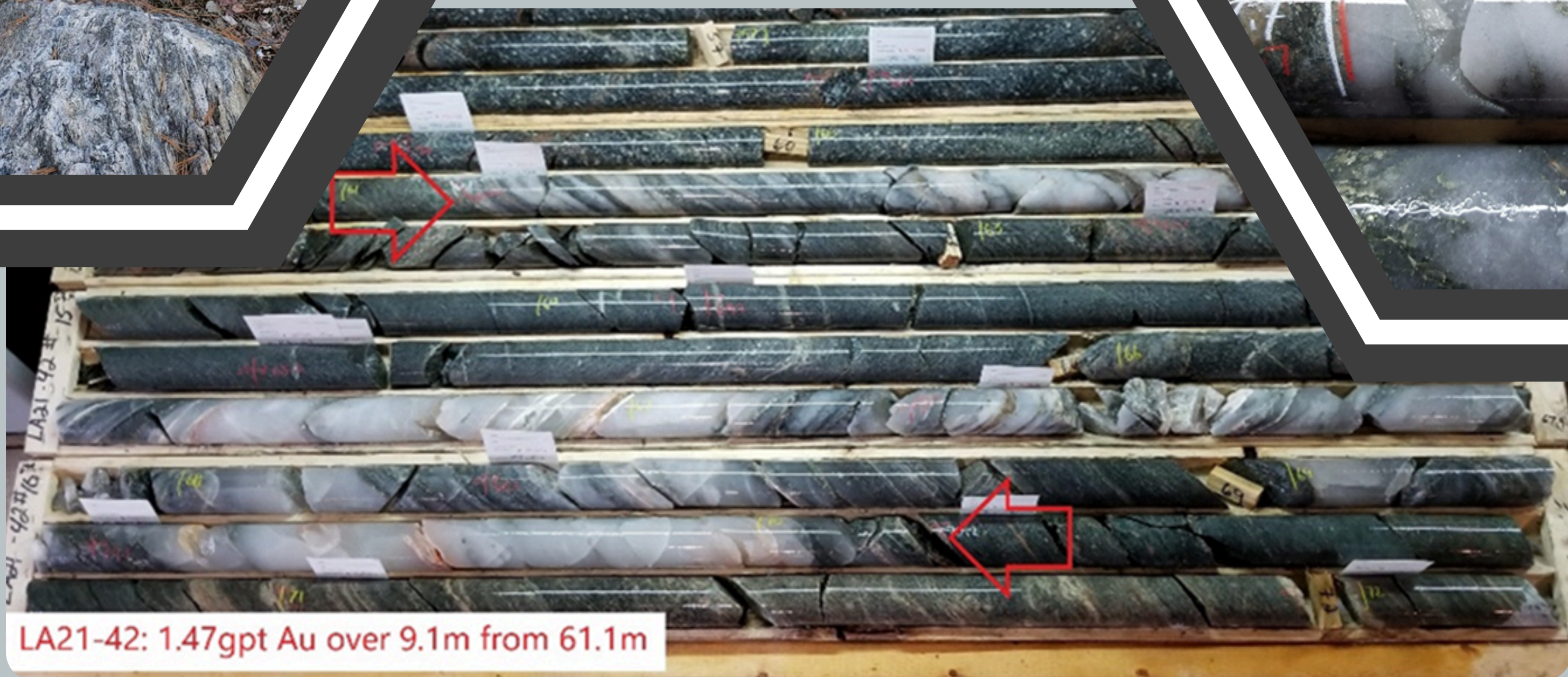
# LAVALLÉE SHEAR ZONE

- ▶ **Regional scale thrust fault in TTG**
- ▶ **Deformed quartz veins**
- ▶ **Disseminated Sulphides**
- ▶ **Orogenic model - thrust fault**
- ▶ **Comparison to Belleterre**
  - **Geology - TTG vs MV**
  - **Same deposit model**
- ▶ **3 to 10 m wide**
- ▶ **Up to 10.6 km on surface**





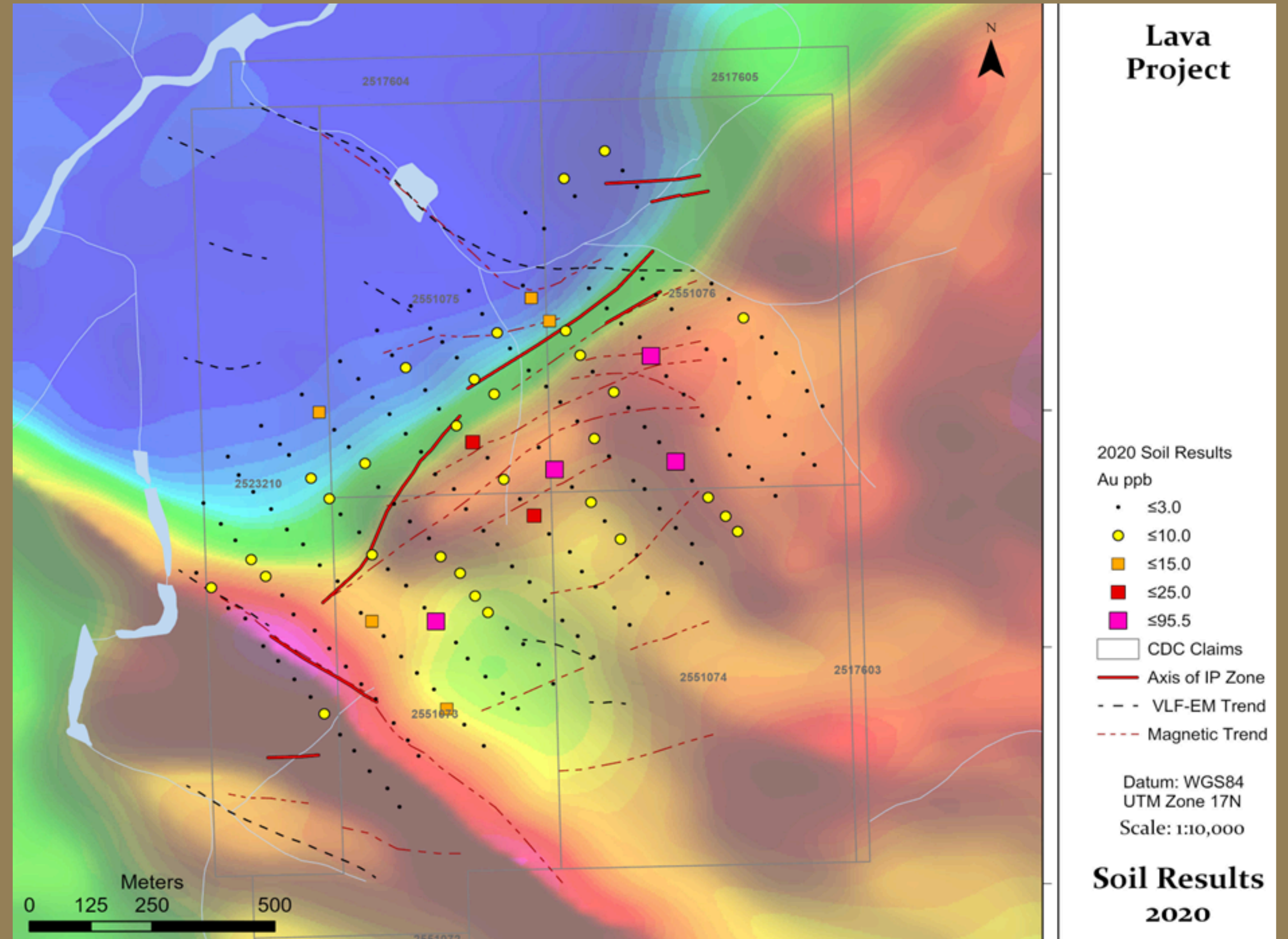
# LA Vallée Shear Zone





# VENDORS' WORK

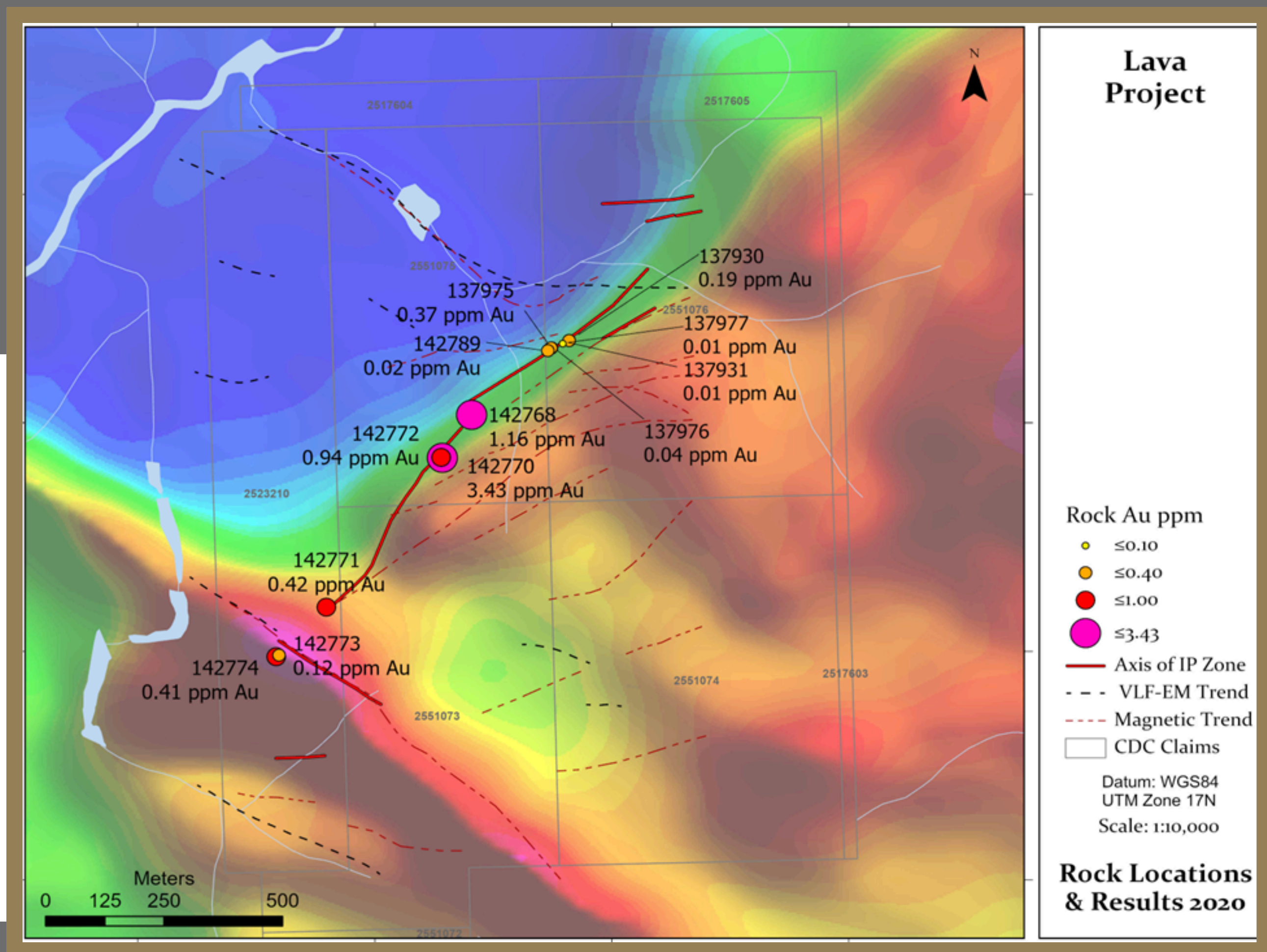
- 2019 Initial staking
- 2020 Soil geochemistry
- 2021 Option to Hawkmoon
  - 2D Inversion Conway IP
  - Lava 1,005 m in 10 holes
- 2022 Option dropped
- 2023 Property expanded





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# 2021 DRILL PROGRAM

- 1,005 m in 10 holes
- Tested IP 2-D inversion targets
- Gold in 9 of 10 holes
- Excellent correlation to IP
- LSZ gold zone over 300 m strike
- Open in all directions

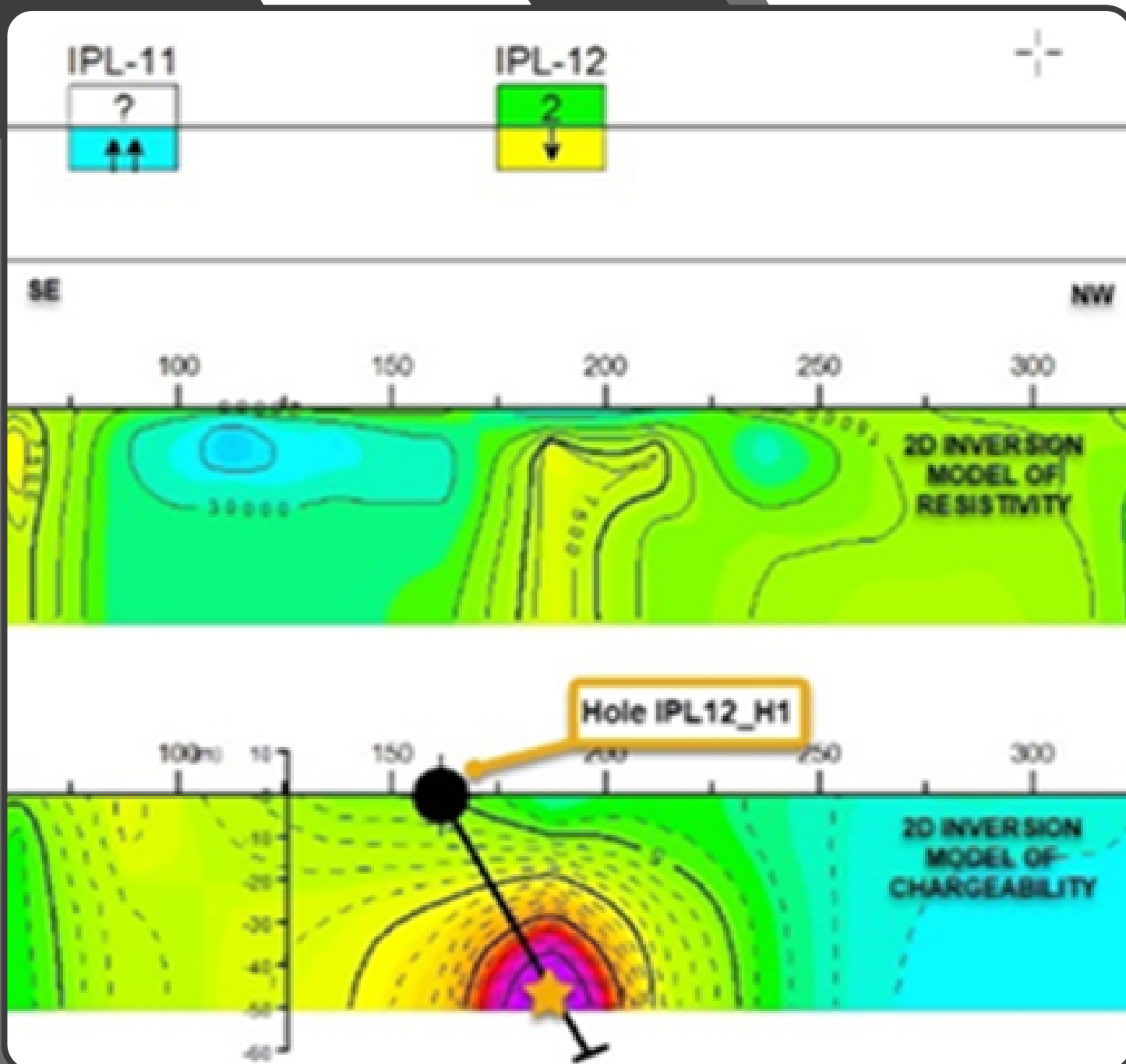






# 2021 DRILL RESULTS

| HOLE           | Au_gpt      | Int._m     | From_m      |
|----------------|-------------|------------|-------------|
| LA21-41        | 0.14        | 10.0       | 64.0        |
| <b>LA21-42</b> | <b>1.47</b> | <b>9.1</b> | <b>61.1</b> |
| LA21-43        | 0.35        | 11.8       | 111.2       |
| LA21-44        | 0.58        | 5.3        | 57.4        |
| LA21-45        | 0.51        | 10.1       | 82.2        |
| LA21-46        | 0.28        | 8.0        | 52.7        |
| LA21-47        | 0.49        | 6.8        | 80.8        |
| LA21-48        | 0.13        | 7.2        | 36.8        |
| LA21-49        | 1.58        | 2.7        | 54.4        |





# PROPERTY POTENTIAL

▶ Magnetic Inflection

▶ Lavallée shear zone

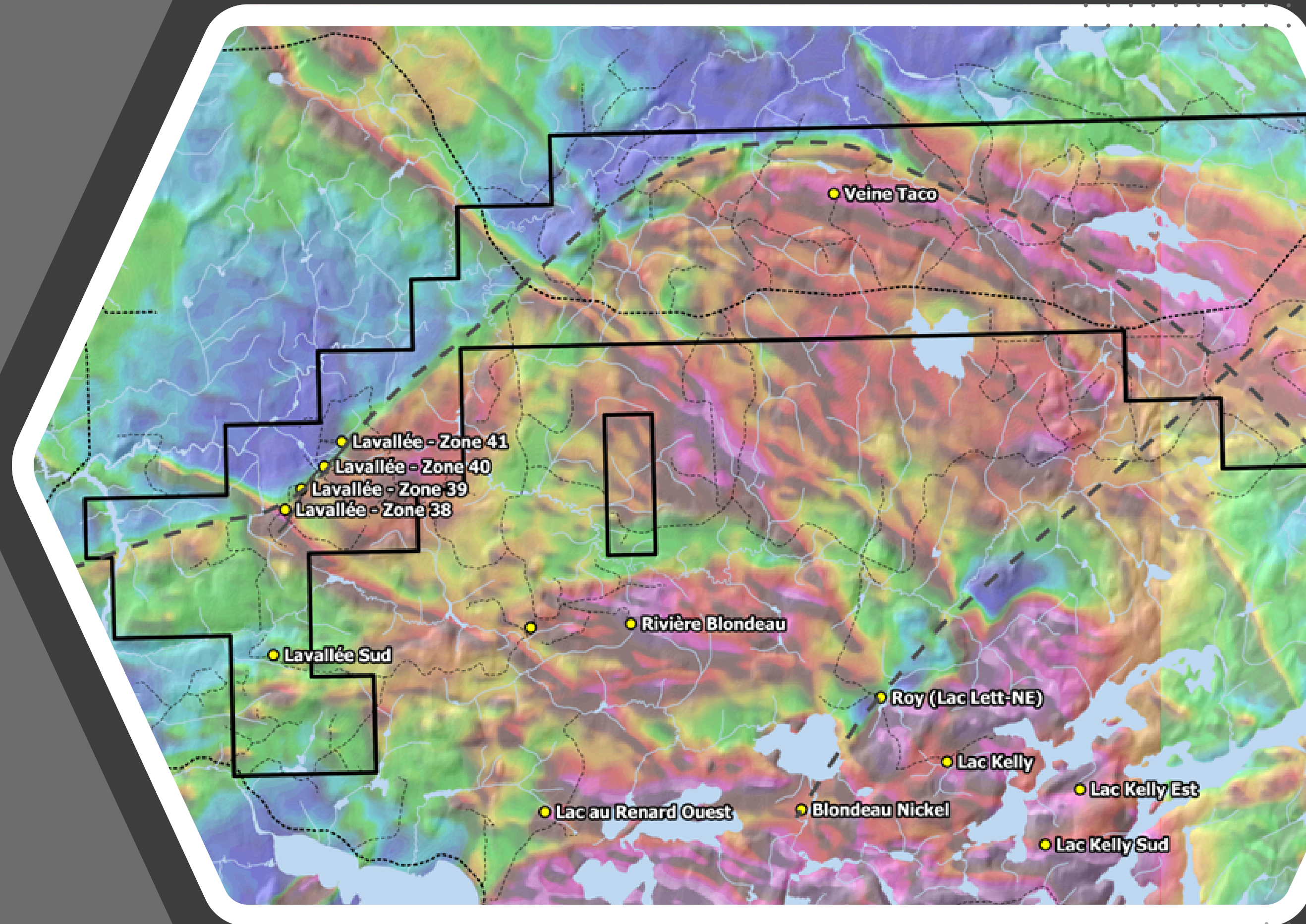
▶ Belleterre thrust fault?

▶ Lava & Fraser targets

▶ ~18km of potential strike

▶ Adjacent to Belleterre

▶ Average drill hole < 100m  
i.e., not tested below 60m





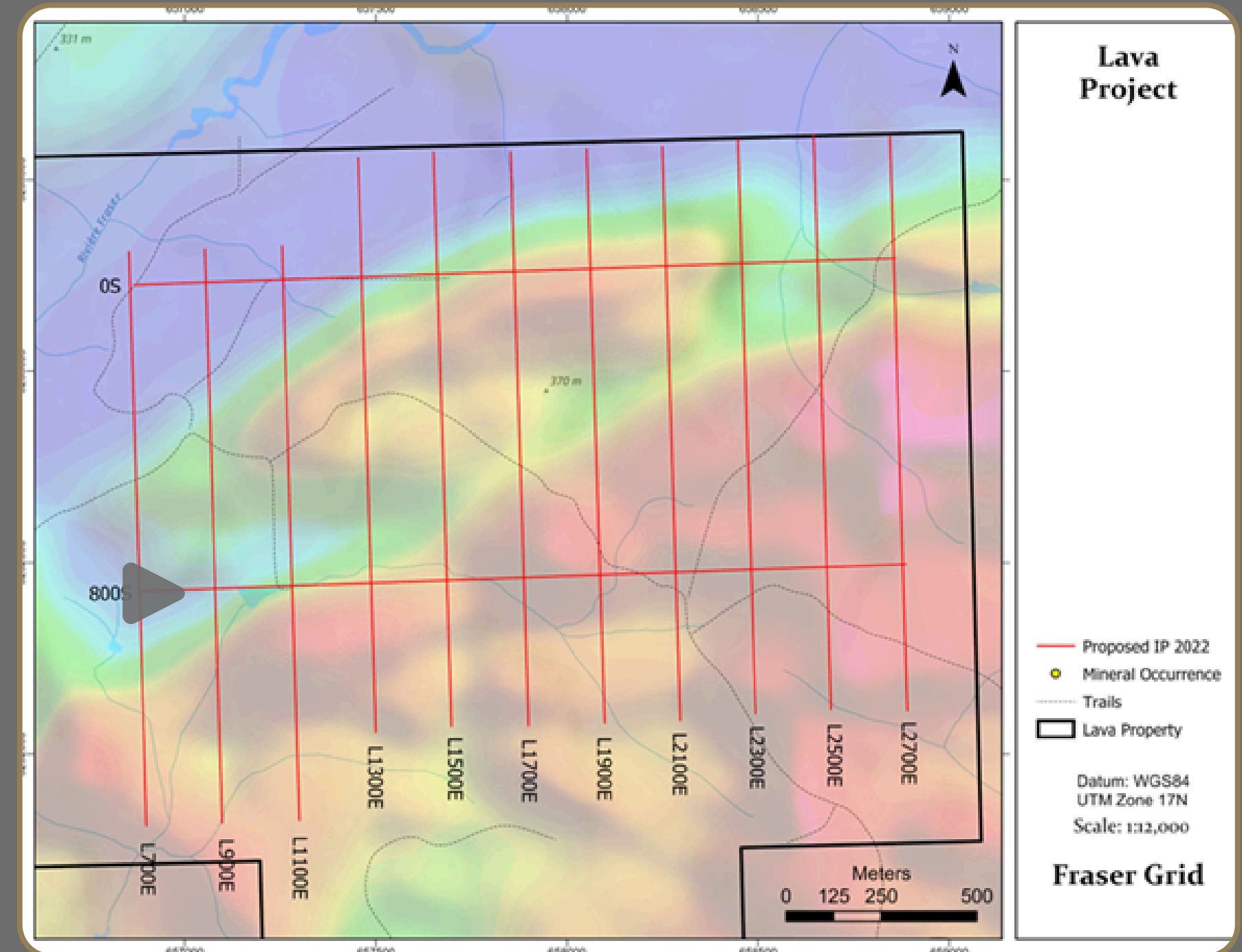
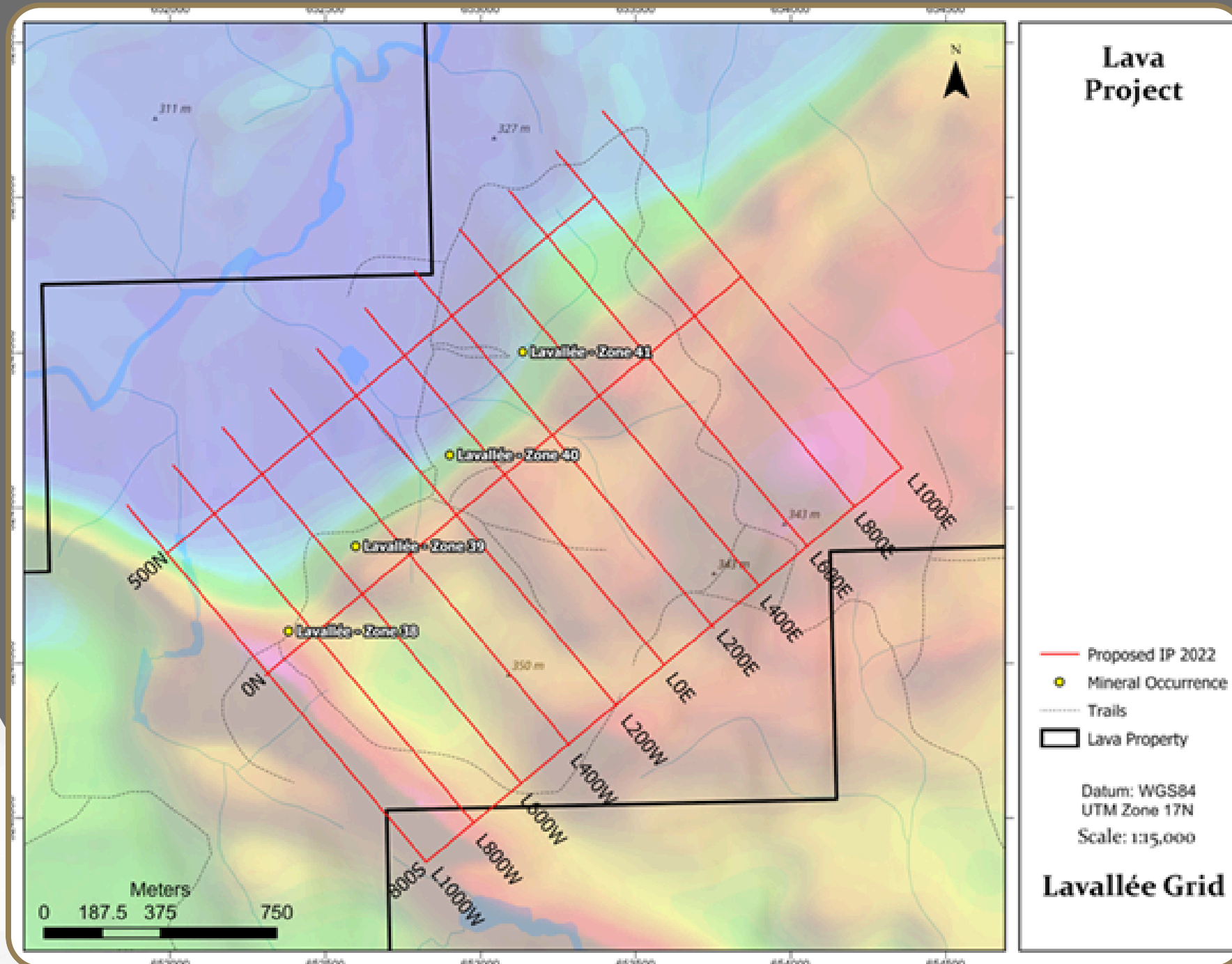
# WORK PROPOSAL

## Phase 1

- High-definition IP-RES
- 3D Inversion IP-RES data
- \$250,000

## Phase 2

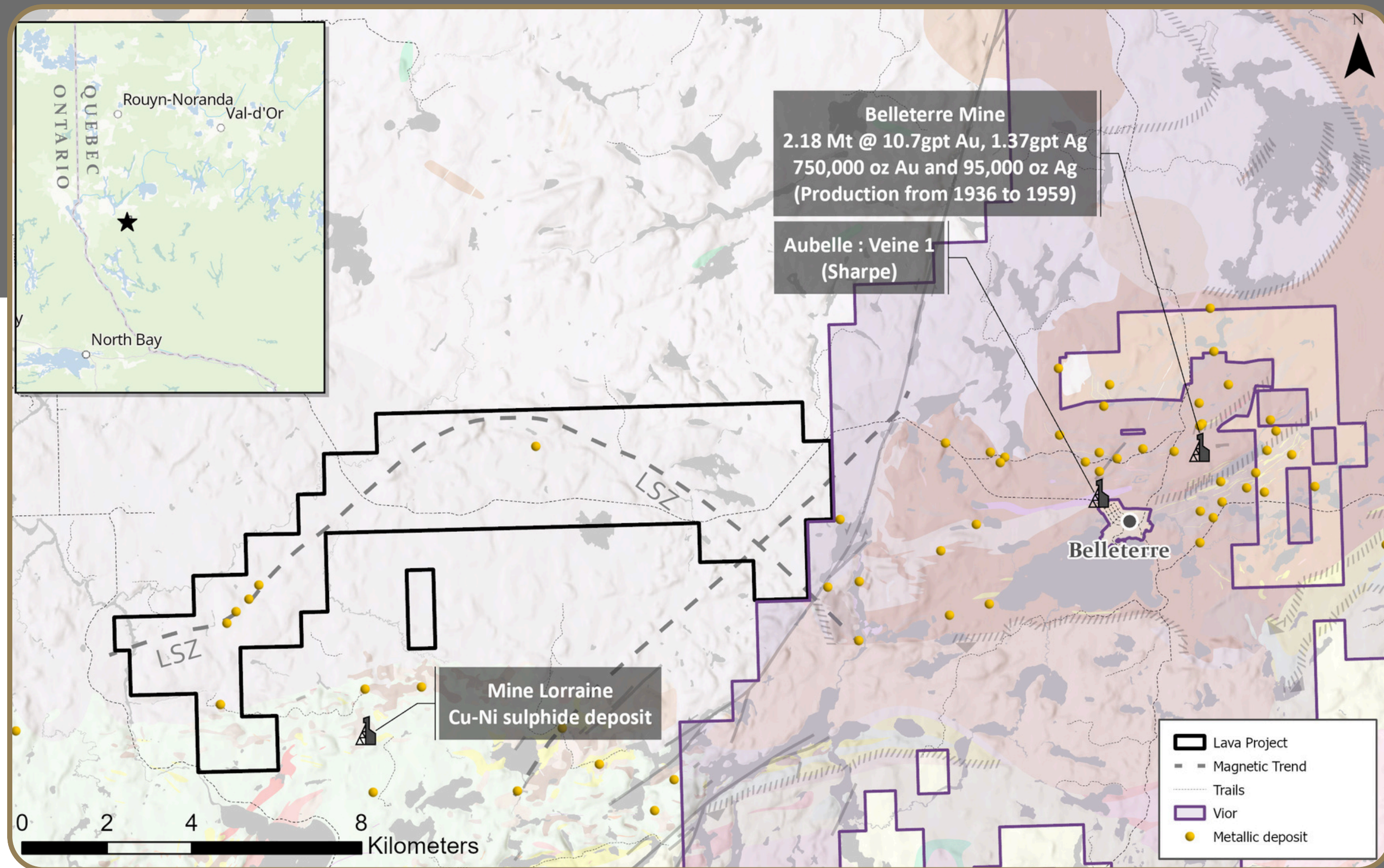
- Drilling 2000m
- \$400,000





# BELLETERRE PROJECT

- 1936-1959 Belleterre gold mine
  - 750,000 oz @ 10.7 gpt Au
  - 95,000 oz @ 1.73 gpt Ag
  - Limited work past 60 years
- Consolidated by Vior
- Backed by Osisko Mining
- \$22M recent financing
- 60,000 m drill program underway (September 24, 2024 PR)





# PROJECT RATIONALE

- Large land position
- Adjacent to high profile Belleterre Project
- Multiple gold showings
- Reliable exploration methodology i.e., IP+ Drill
- Current NI 43-101 report
- +\$200,000 last 36 months
- Low cost of exploration
- Local expertise





# References

## Slide 2, 12 - Map and Claim data

Ministère des Ressources naturelles et des Forêts du Québec. (2025). Gestim: Gestion des titres miniers. Retrieved from [gestim.mines.gouv.qc.ca](http://gestim.mines.gouv.qc.ca/)

Ministère des Ressources naturelles et des Forêts du Québec. (2025). \*SIGÉOM: Système d'information géominière\*. Retrieved from [SIGÉOM - Home] [https://sigeom.mines.gouv.qc.ca/signet/classes/I1102\\_indexAccueil?l=a](https://sigeom.mines.gouv.qc.ca/signet/classes/I1102_indexAccueil?l=a).

Vior Inc. (2021, September 17). \*Vior Confirms High-Grade Gold Potential At Belleterre, Qc With Up To 274.9 G/T Au In Surface Sampling\*. Retrieved from [<https://www.vior.ca/new/vior-confirms-high-grade-gold-potential-at-belleterre-qc-with-up-to-274-9-g-t-au-in-surface-sampling/>](<https://www.vior.ca/new/vior-confirms-high-grade-gold-potential-at-belleterre-qc-with-up-to-274-9-g-t-au-in-surface-sampling/>)

ESRI, Topography

## Slide 3, 6, 7, 10, 11 - Historic Results and background MAG

Ministère des Ressources naturelles et des Forêts du Québec. (2025). \*SIGÉOM: Système d'information géominière\*. Retrieved from [SIGÉOM - Home] [https://sigeom.mines.gouv.qc.ca/signet/classes/I1102\\_indexAccueil?l=a](https://sigeom.mines.gouv.qc.ca/signet/classes/I1102_indexAccueil?l=a). GM63876, GM62707.

Duffy, A. (2002), LOGISTICS REPORT FOR A FIXED-WING MAGNETIC HORIZONTAL GRADIOMETER SURVEY, BELLETERRE REGIONAL PROJECT. GM 60457, 2002. 41 pages and 4 maps.

## Slide 5, 8, 9 - 2021 Drilling Info

Fekete, M. (2022). Memorandum report of 2021 drilling on the Lava property - Accompanied by Petrographic and electron microprobe investigation of a suite of drillcore from the Lava Gold property. GM 72919, 2022. 425 pages

## Slide 6, 7 - 2020 Geochemistry

Fekete, M. (2020). Memorandum report of work 2020 on the Lava property. GM 71869, 2021. 54 page