



**ALEXANDRIA**  
MINERALS CORPORATION

# Minéralisations porphyriques à Cu-Au associées à l'intrusion d'East Sullivan, Val d'Or

**14<sup>e</sup> FORUM  
TECHNOLOGIQUE**

CONSOREM - DIVEX

**VAL-D'OR**  
Hôtel Forestal

**24 MAI  
2016**



# Alexandria Minerals Corp.

1 Toronto St., Suite 201, P.O. Box 10

Toronto, ON M5C2V6

416.363.9372

[www.azx.ca](http://www.azx.ca)

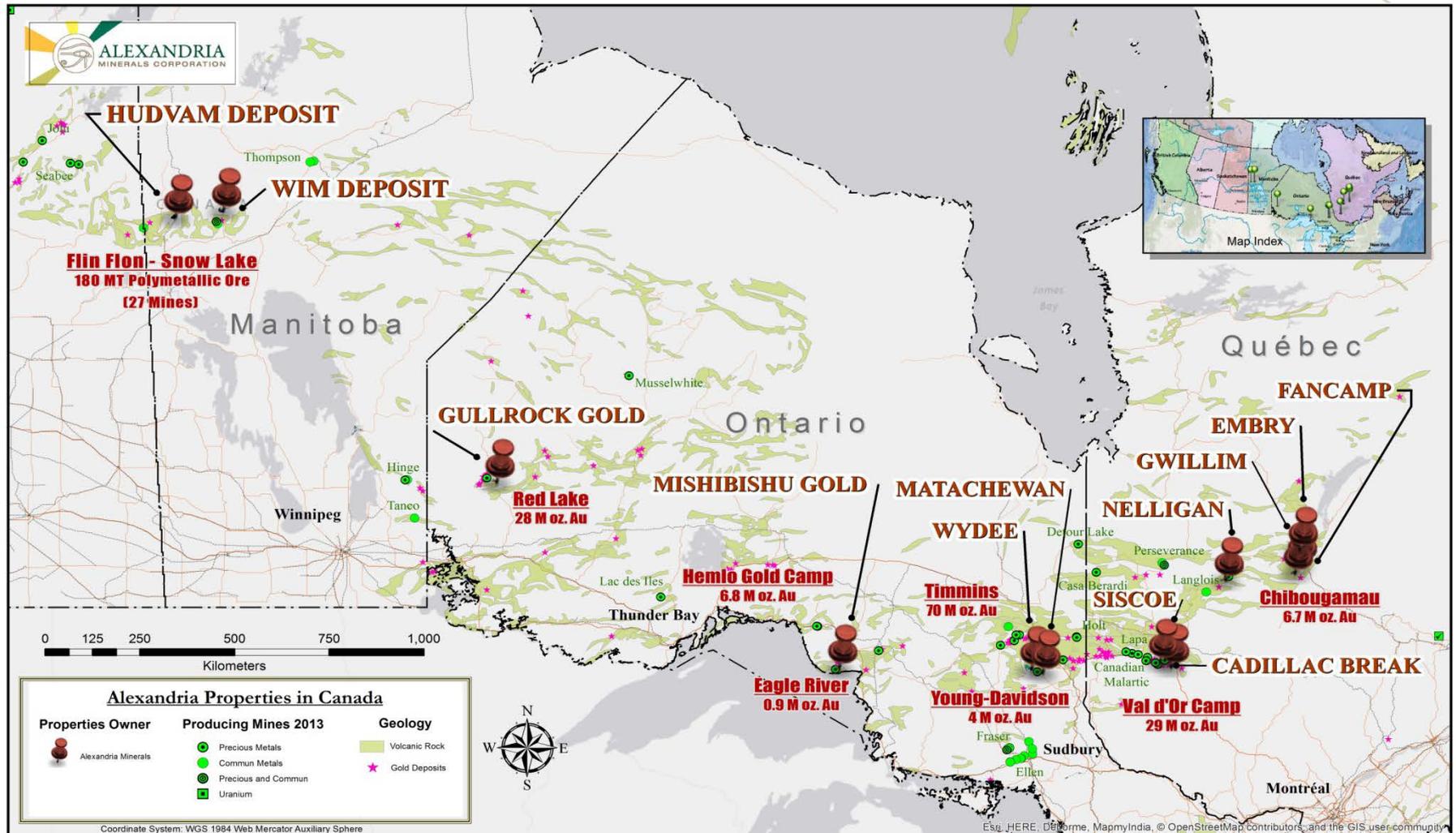


Facebook: <https://www.facebook.com/AlexandriaMinerals>  
Twitter: <https://twitter.com/azxmineralscorp>  
YouTube: <http://www.youtube.com/AlexandriaMinerals>  
Flickr: <http://www.flickr.com/alexandriaminerals/>

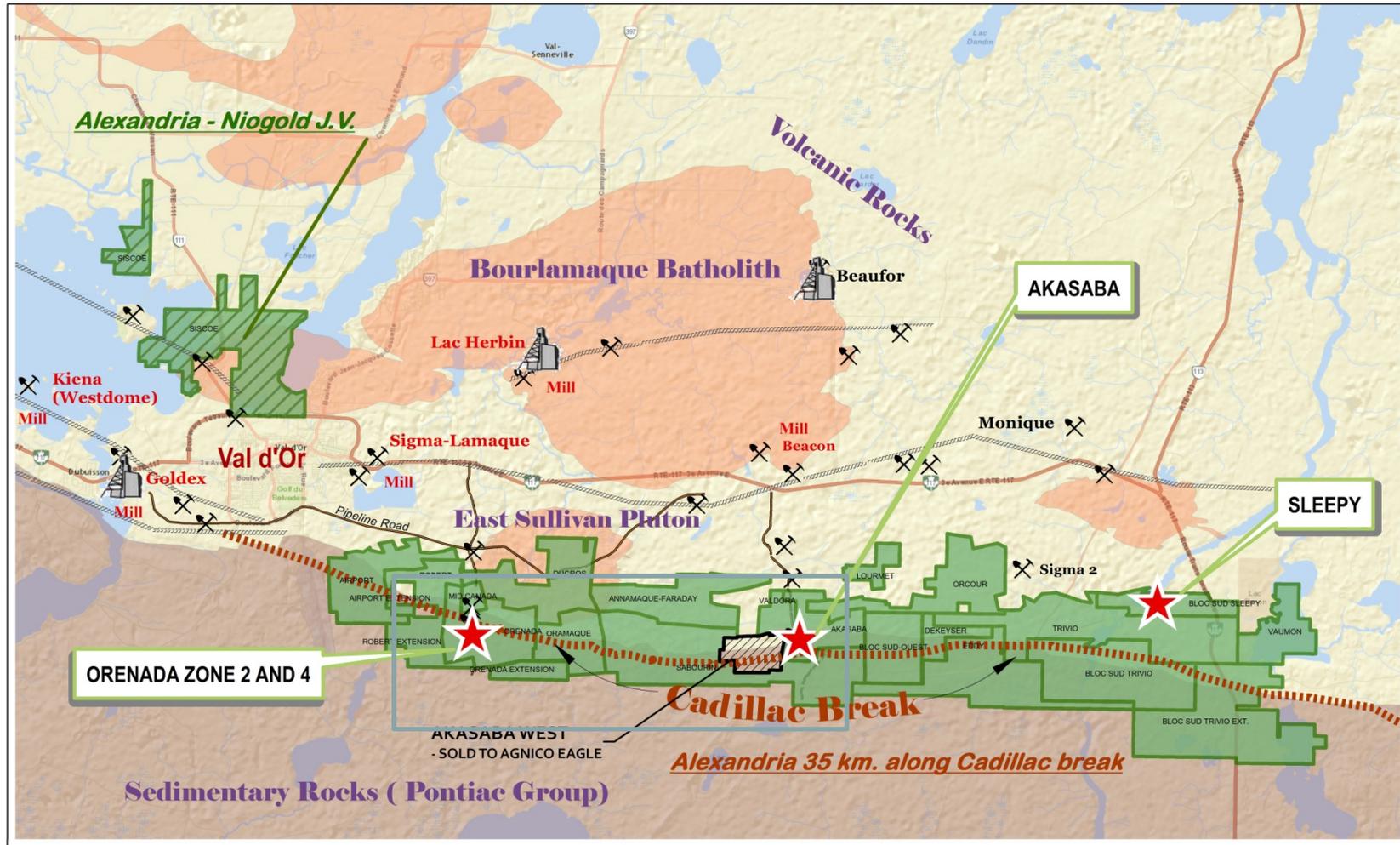
## DISCLAIMER

Some of the statements contained in this presentation are “forward-looking statements”. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to differ materially from the anticipated results, performance or achievements expressed or implied by such forward-looking statements. Factors that could cause actual results to differ materially from anticipated results include risks and uncertainties such as; ability to raise financing for further exploration and development activities; risks relating to the estimates of reserves, deposits and production costs; extraction and development activities; the risk of commodity price fluctuations; political regulatory and environmental risks; and other risks and uncertainties in the reports and disclosure documents filed by Alexandria Minerals Corporation from time-to-time with Canadian securities regulatory authorities. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Complete Company reports including management’s discussion and analysis, financial statements and notes can be found on our Company’s website at [www.azx.ca](http://www.azx.ca) and on SEDAR at [www.sedar.com](http://www.sedar.com).

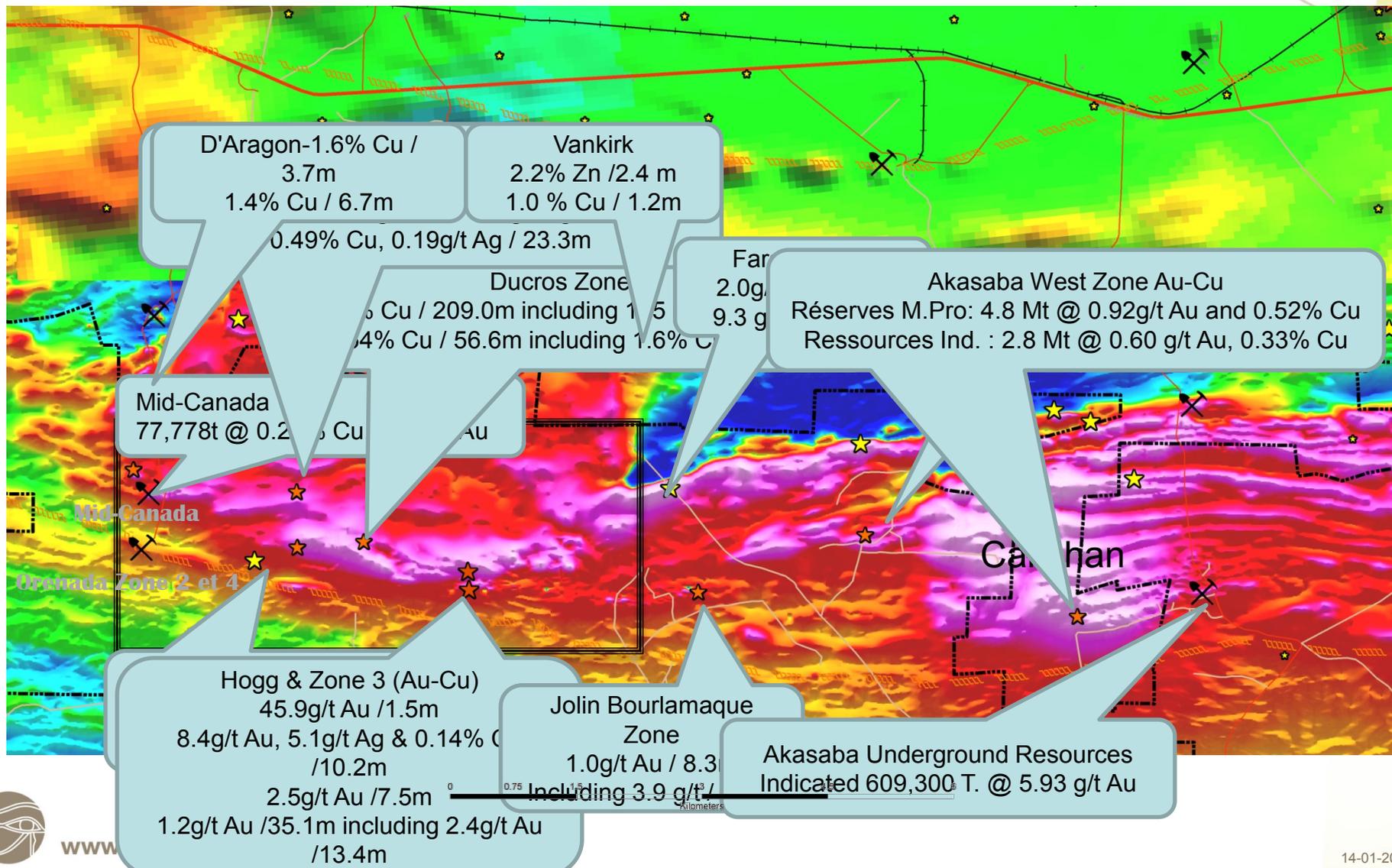
# Répartition des Propriétés



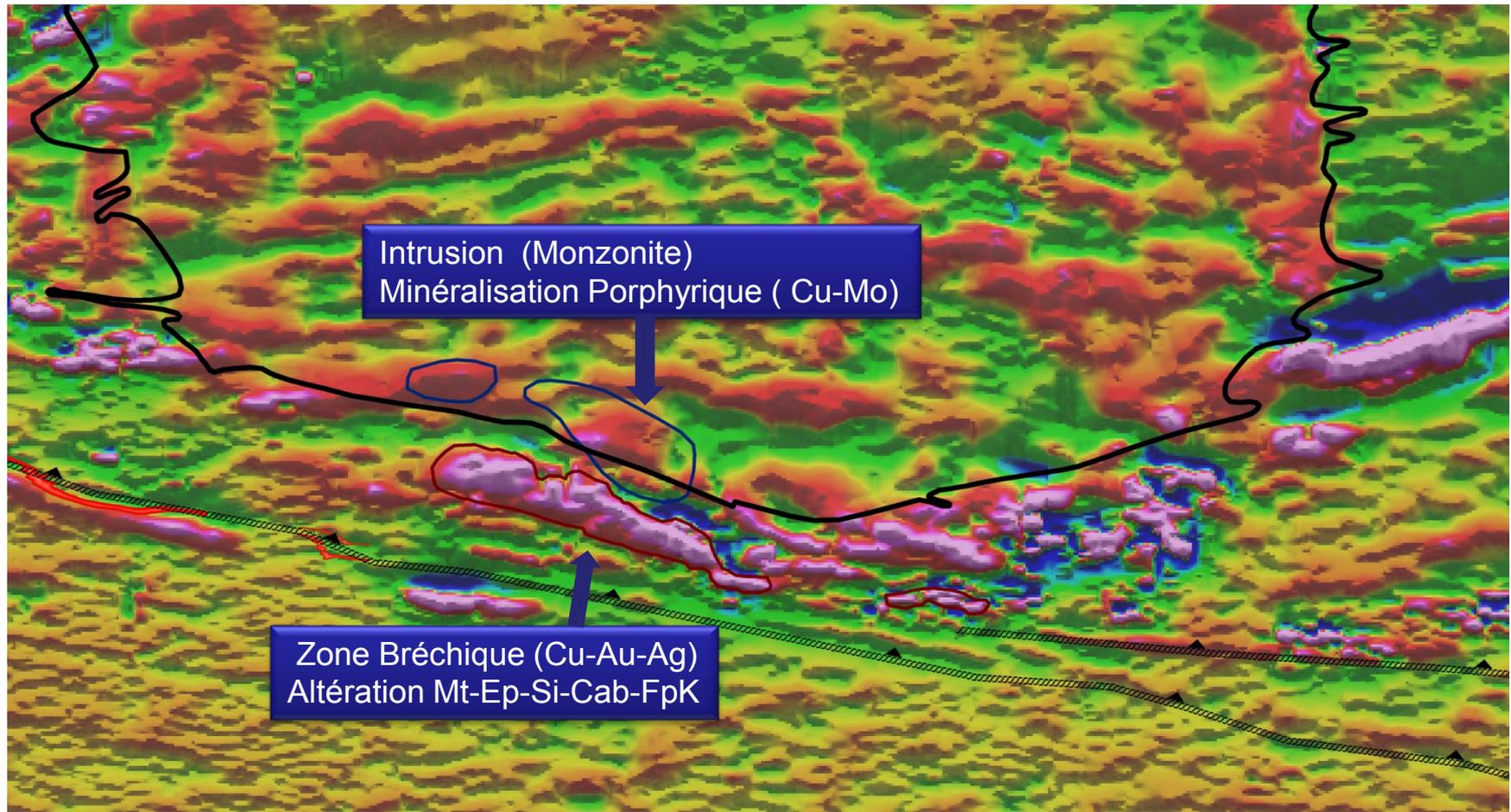
# Camp de Val d'Or



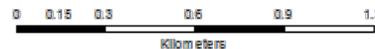
# Géologie-Champ Total et indices minéralisés



# Localisation des principaux types de minéralisations

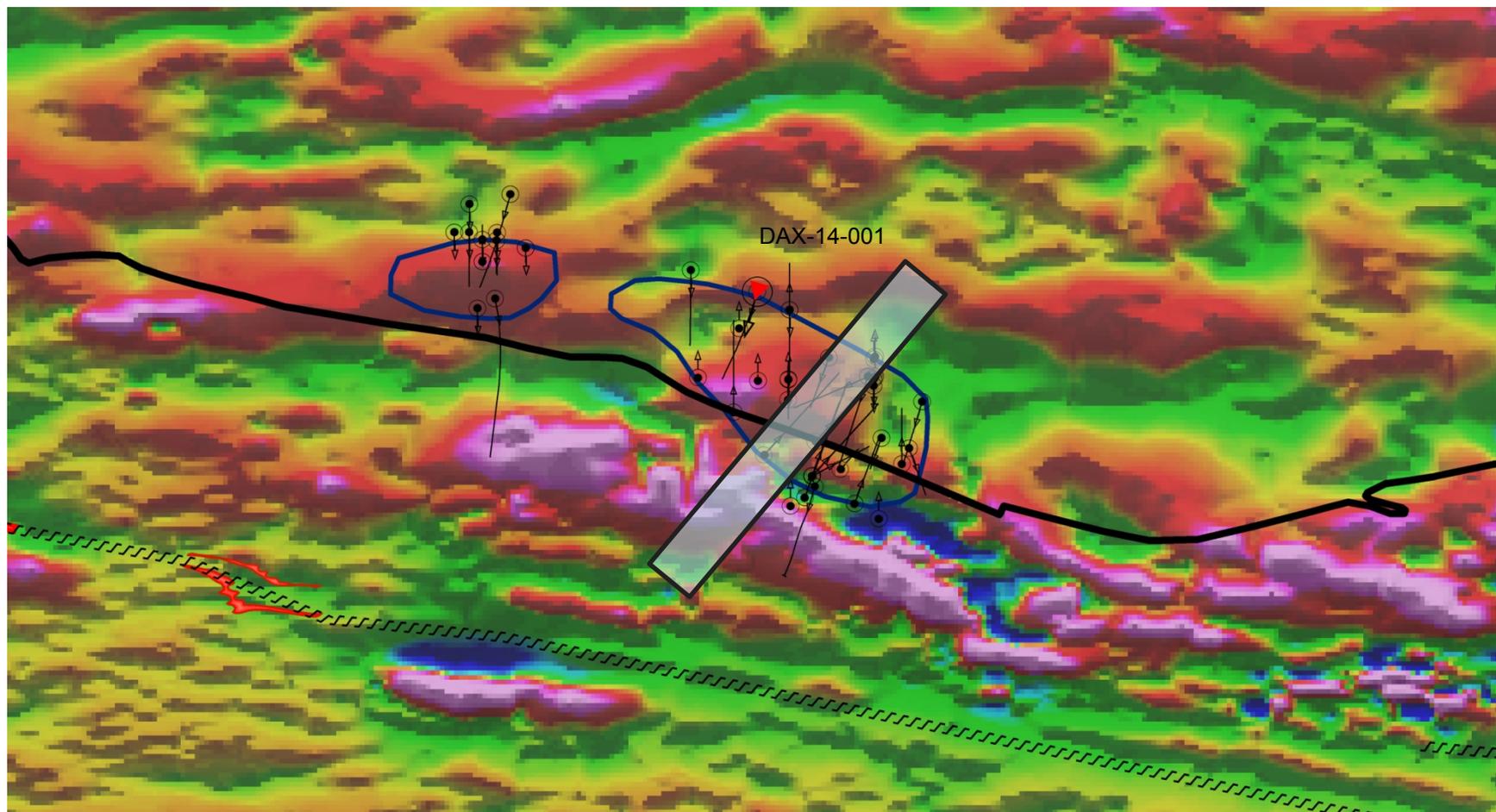


Gradient magnétique



# Ducros Zone 1 et 2

Porphyre Cu-Mo

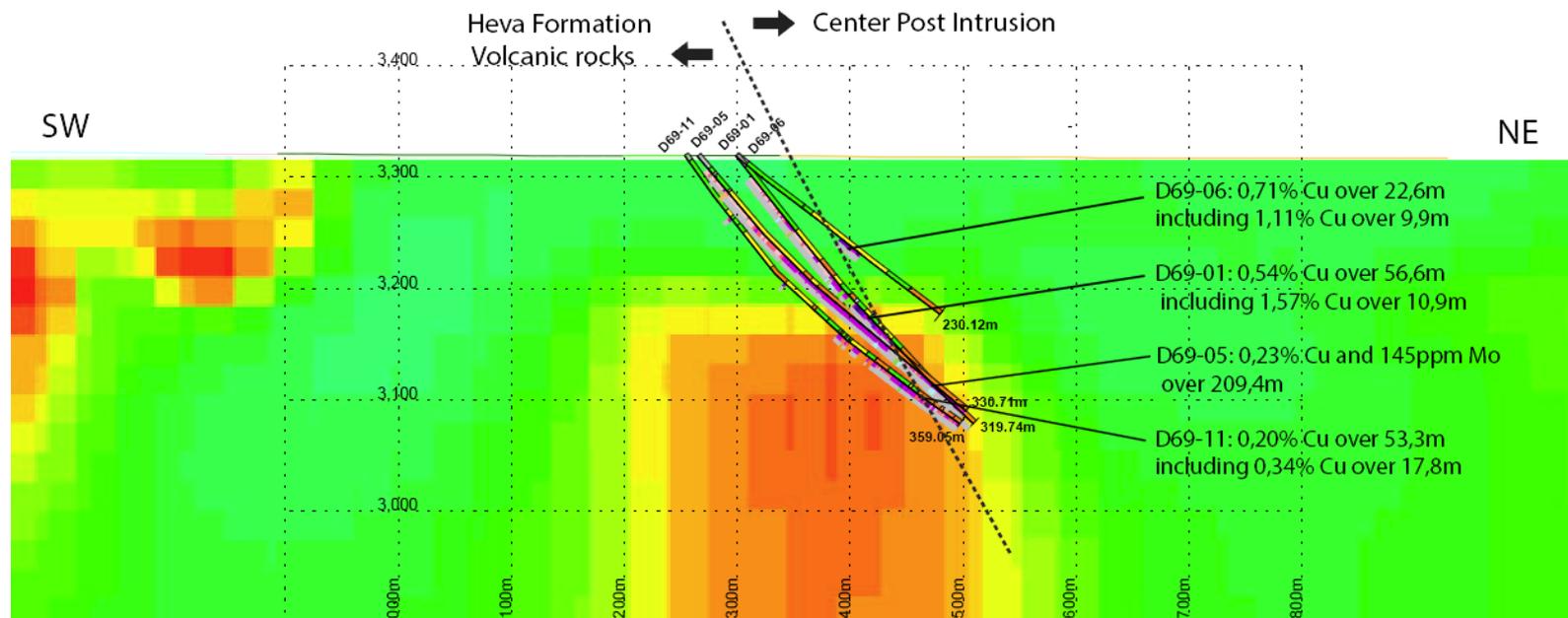


500 m



# Section Ducros Zone 1

## Composite Section Porphyre Est Zone



Chargeability

Strong  
Moderate  
Weak



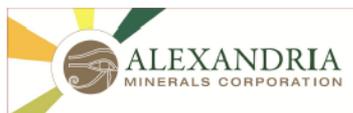
Contact  
inferred

Cu (ppm)

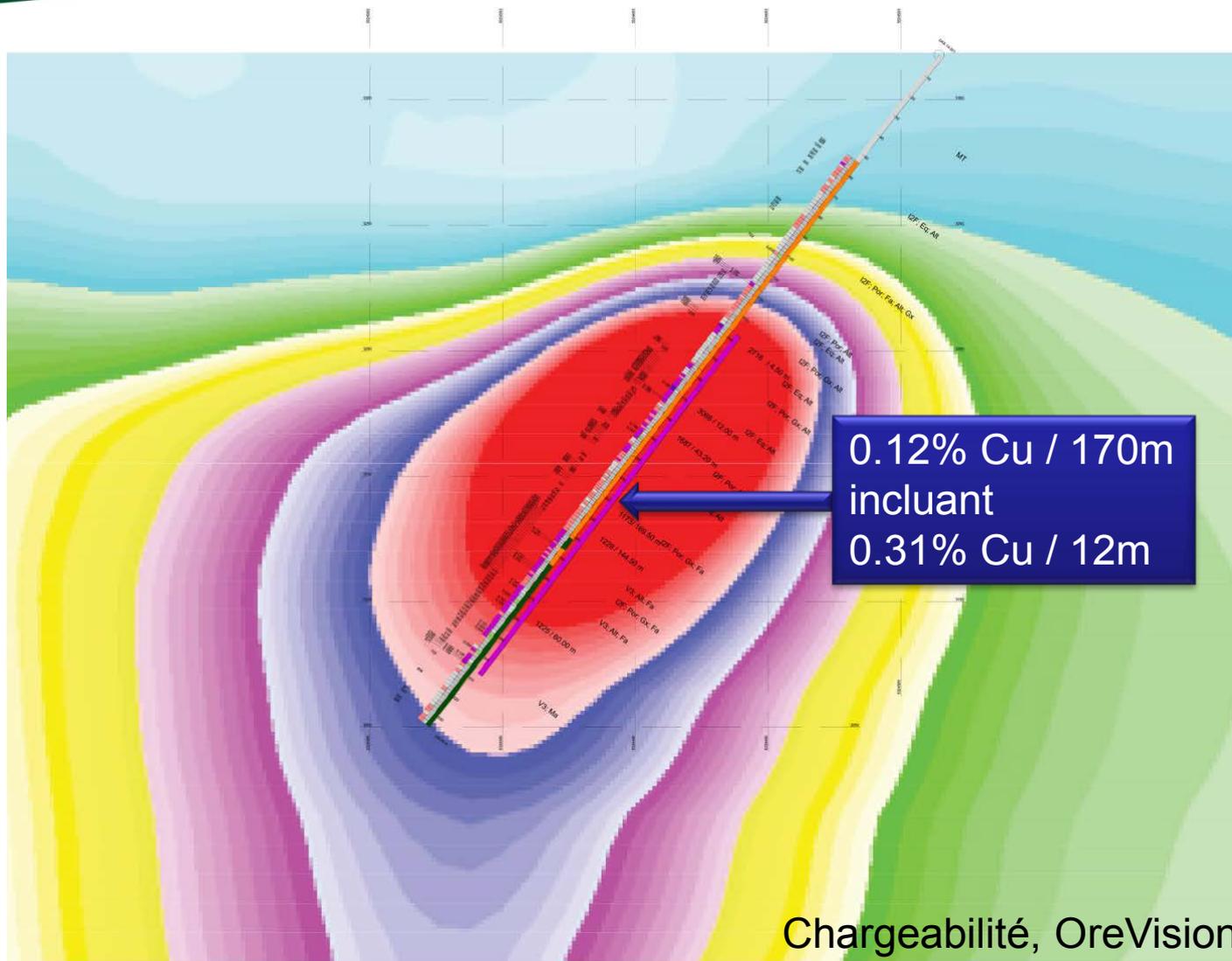
1	500	
500	1000	
1000	5000	
5000	10000	
10000	>10000	

Au (g/t)

0	0.1	
0.1	0.2	
0.2	0.5	
0.5	0.75	
0.75	1	
1	2.5	
2.5	10	
10	10000 et +	



# Section DAX-14-001



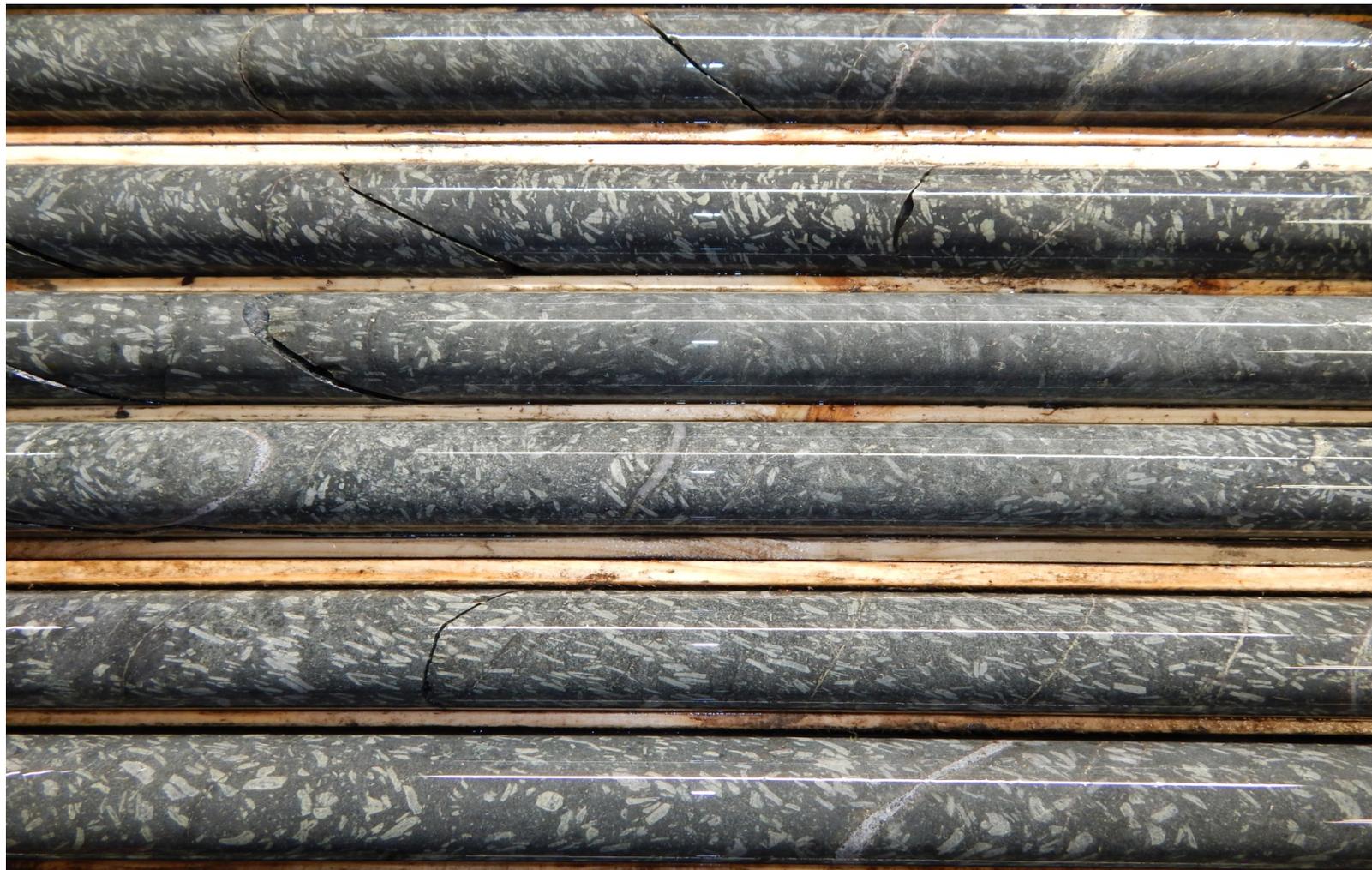
# **Faciès Intrusifs du Pluton East Sullivan**

**Observés en forage**



# Monzonite (Trachytique)

DAX-14-002



# Monzonite Porphyrique

DAX-14-002



# Mozonite grain fin, altérée et minéralisée

D69-05



# Mozonite grain fin, altérée et minéralisée

D69-05



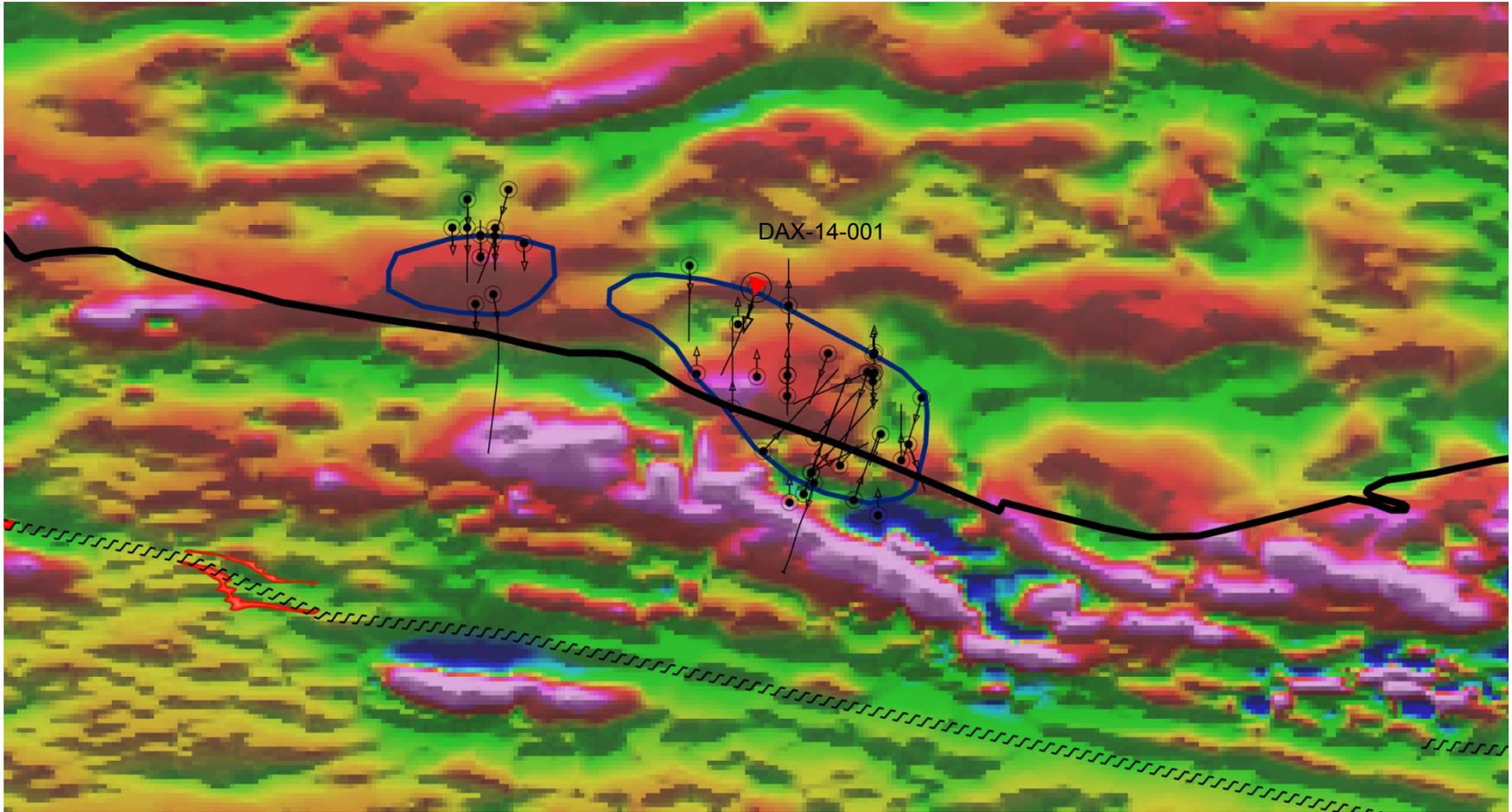


# **Altérations observées**

## **en forage**



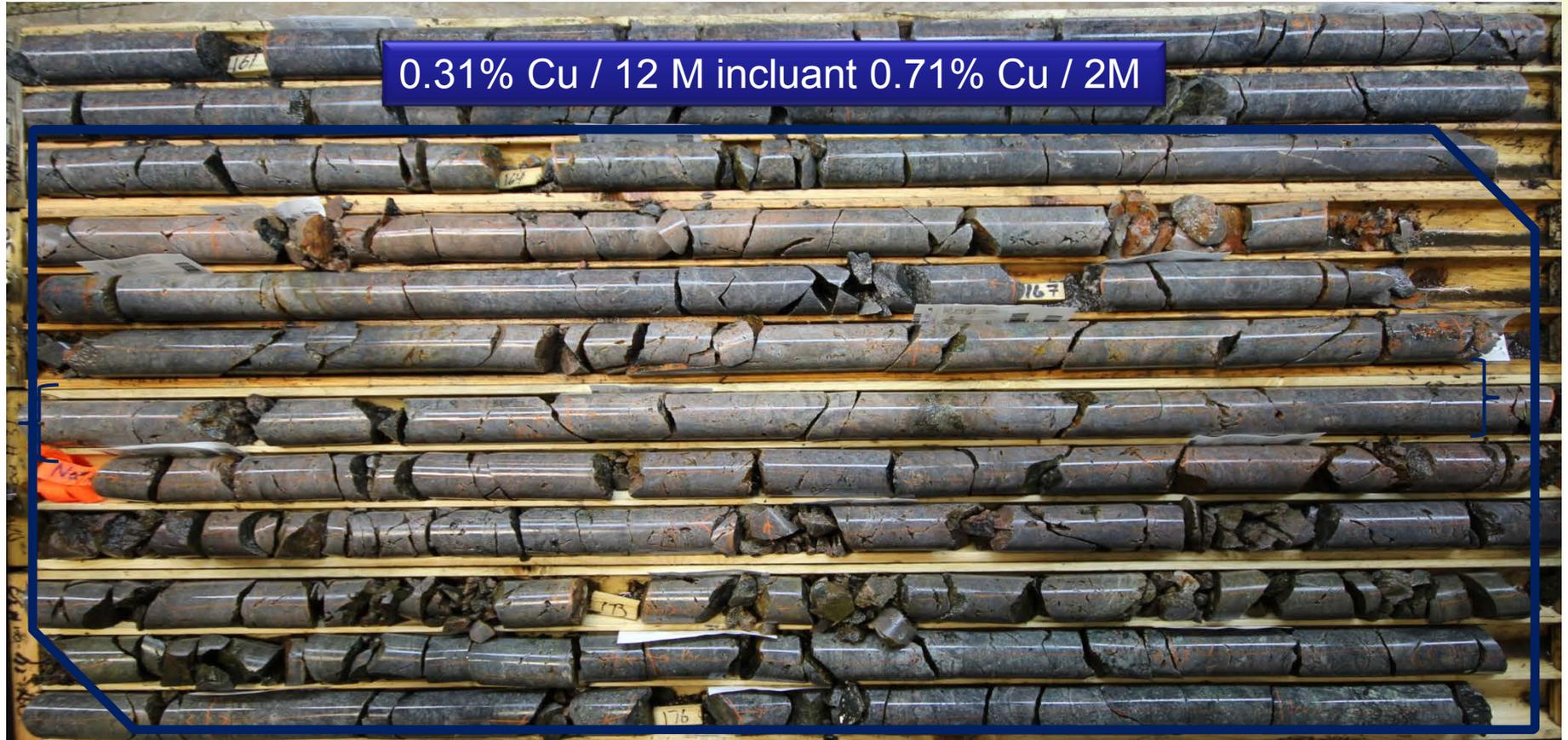
# Zone Ducros 1 et 2



# Monzonite porphyrique fracturée

DAX-14-001

Altération potassique - silice - hématite



# Monzonite porphyrique fracturée

DAX-14-001

Altération potassique et hématite



# Minéralisations

à Cu-Au-Mo



# Cpy sur plan de fracture

DAX-14-002



# Minéralisation Cpy en stringers

D69-12



# Veine de Quartz à Mo

DAX-15-009



# Cu natif dendritique sur plan de fracture

DAX-15-010



# Autres Minéralisations à Cu

DAX-14-001

Malachite

Cuivre Natif

Zone de forte silicification

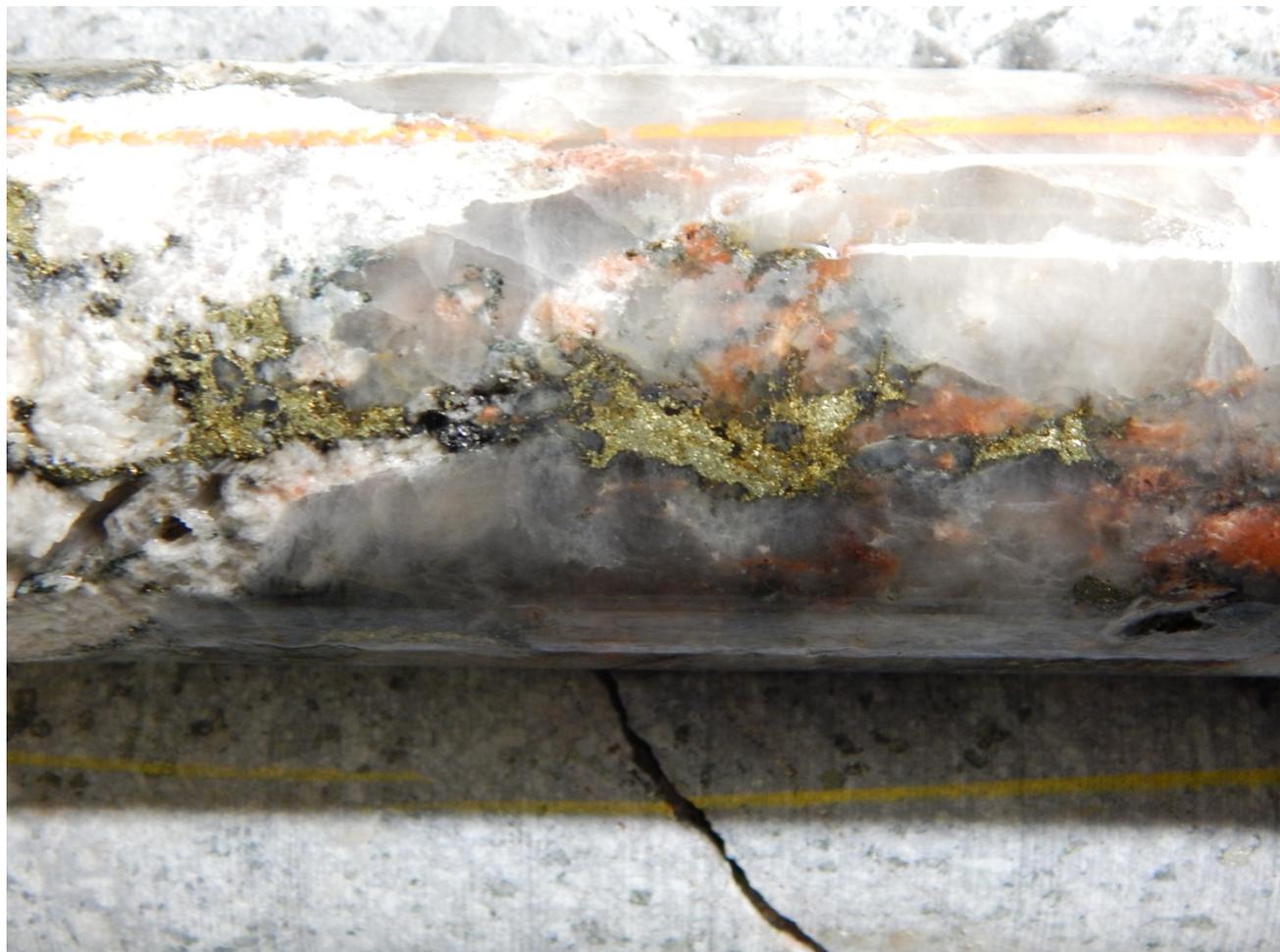


Chalcopyrite



# Vein de Quartz à Py-Cpy-Mo

DAX-14-002





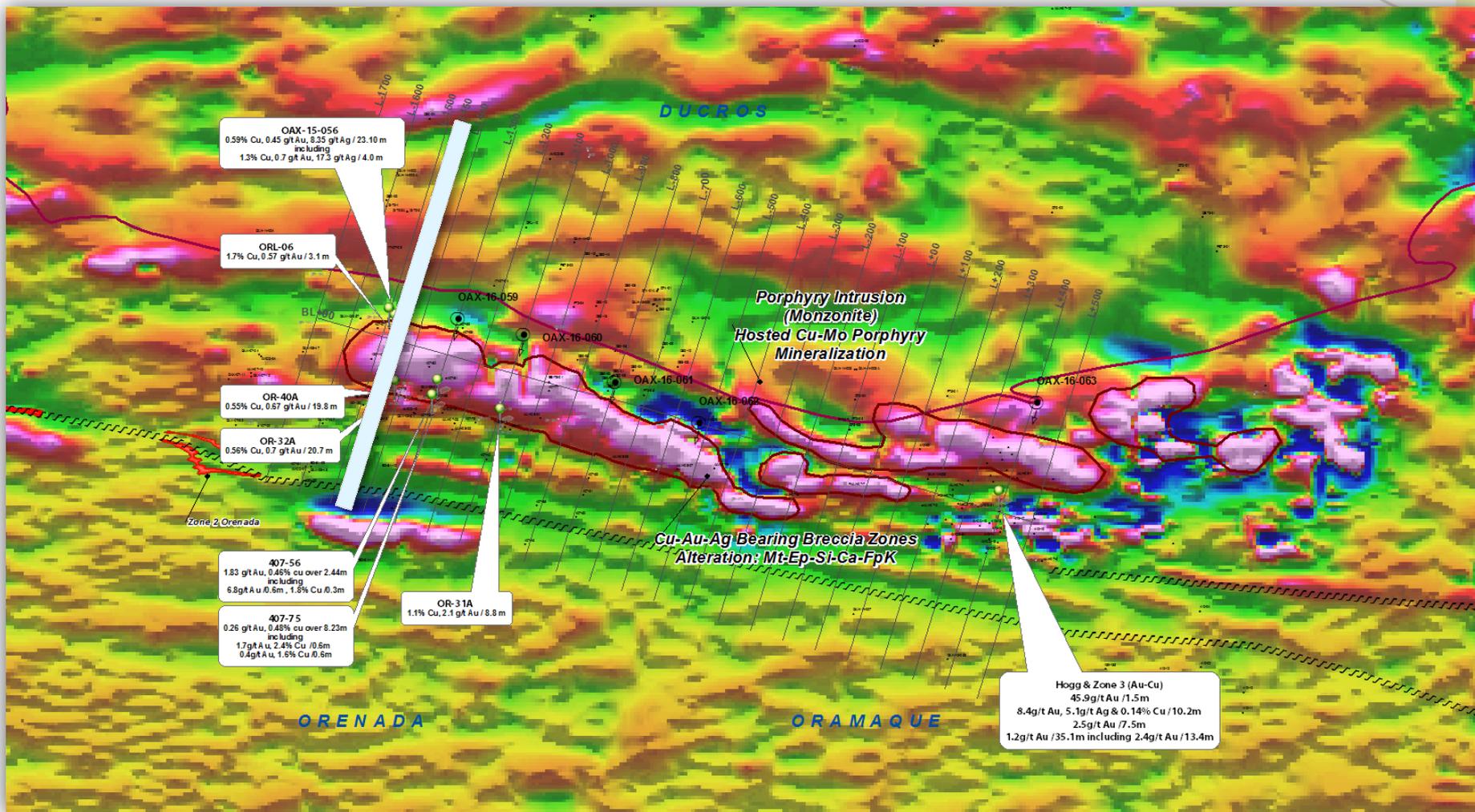
# **Systeme Mineralisé au pourtour du Pluton**

**Brèches à magnétite  
et cisaillements silicifiés**

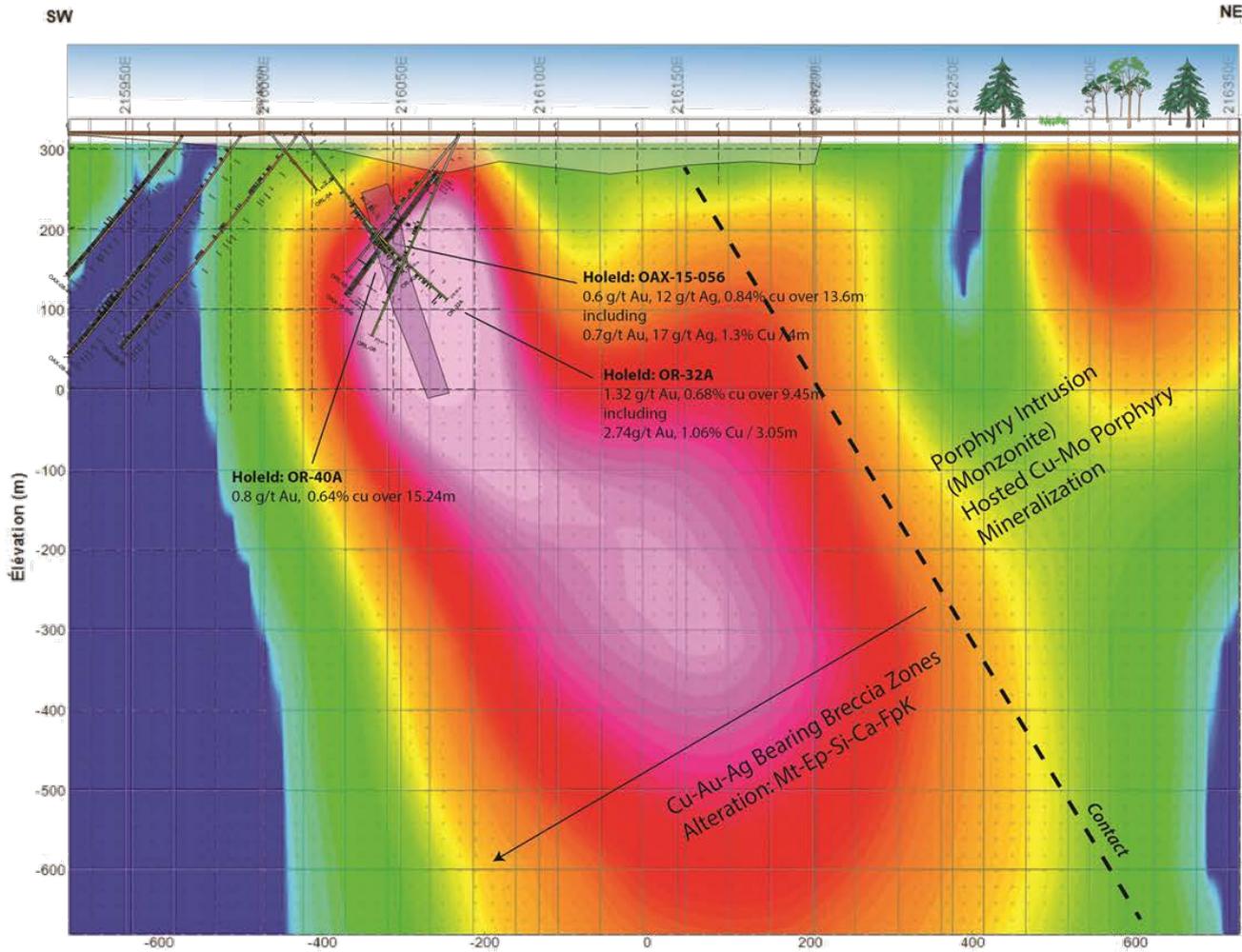


# Minéralisation autour du Pluton

## Zone 5, Hogg, Zone 3

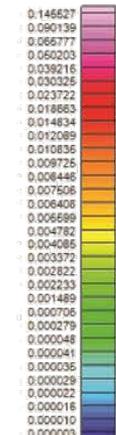


# Brèche à magnétite, Zone 5



Projet Porphyre  
Section -1450

Brecciated Zone Enveloppe

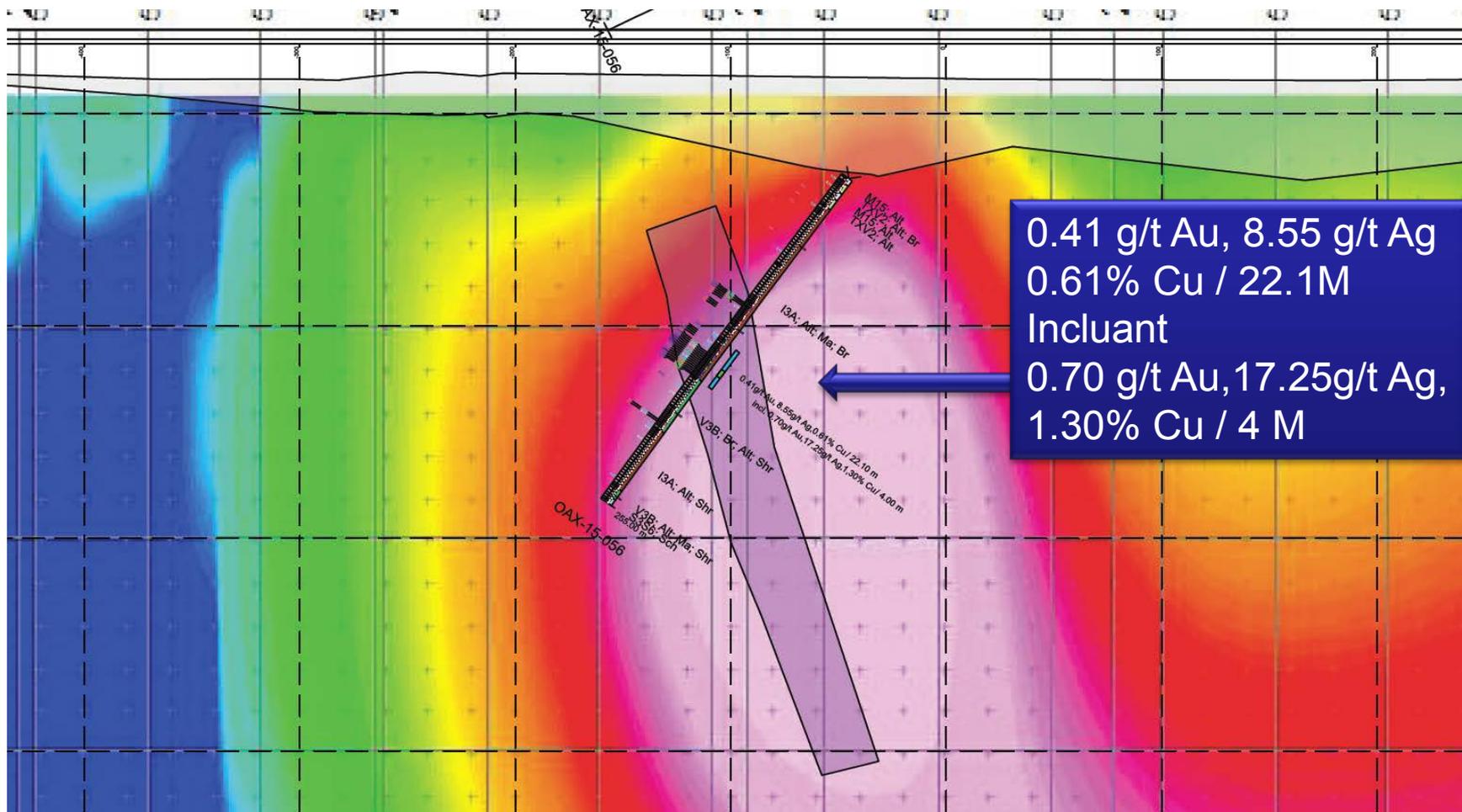


Susceptibilité magnétique (SI)



# Section OAX-15-056

## Zone 5



# Zone de brèche à magnétite-chalcopyrite





# **Systeme Bréchique** **(Cu-Au-Ag)**

## **et Cisaillements** **(Au)**



# Brèches à Ep-Cb-Mt±Hem

DAX-14-005



# Brèches minéralisées Mt-Cpy-Py

OAX-16-059



# Cisaillement silicifié Hem-Py

OAX-16-061



# Cisallement silicifié Py-Cb±Hem

OAX-16-061



## Cisaillement silicifié-hématisé-pyritisé



# Cisaillement à Mt(50%)-Py(30%)-Cb-Ep

OAX-16-062

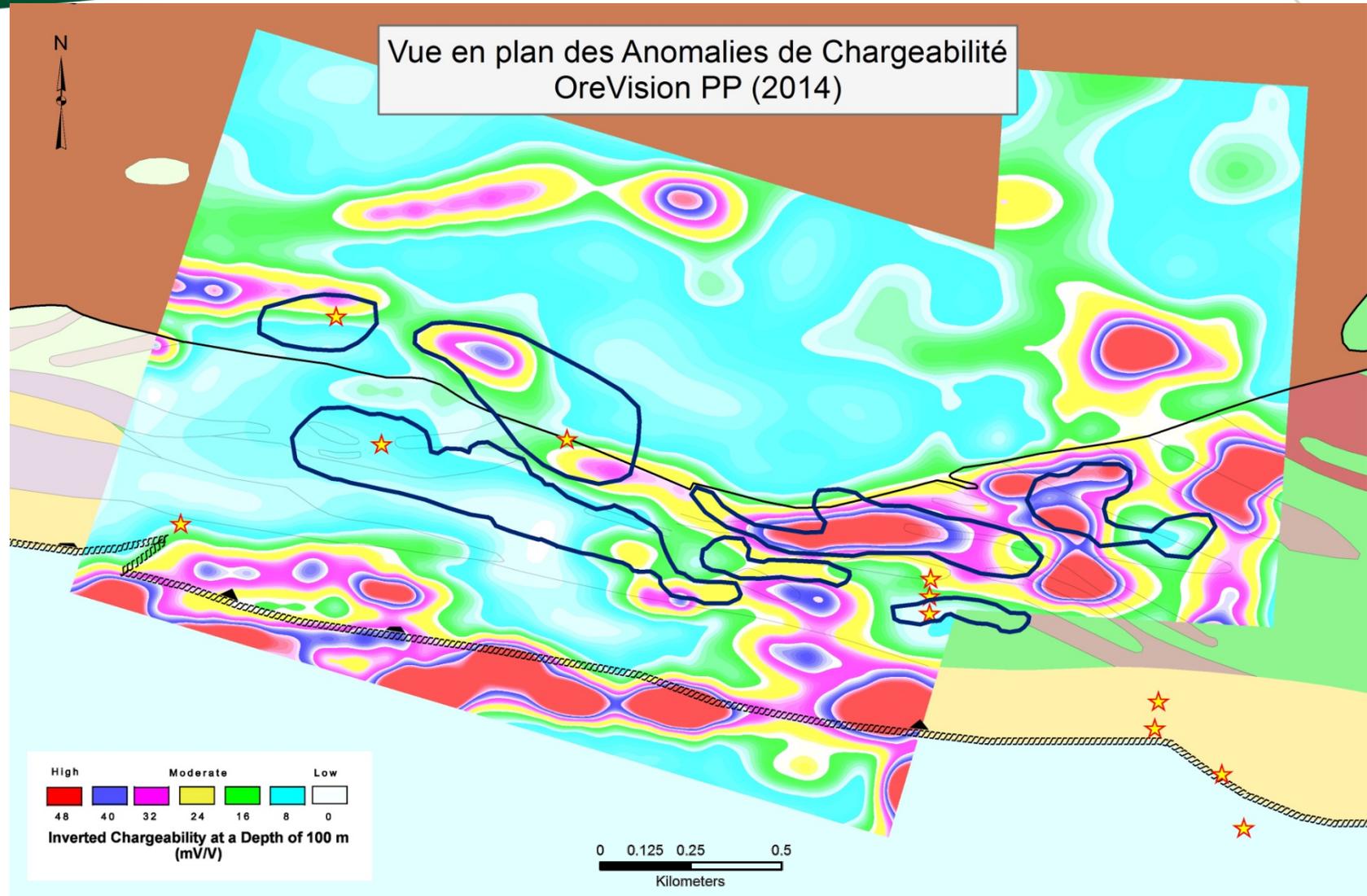




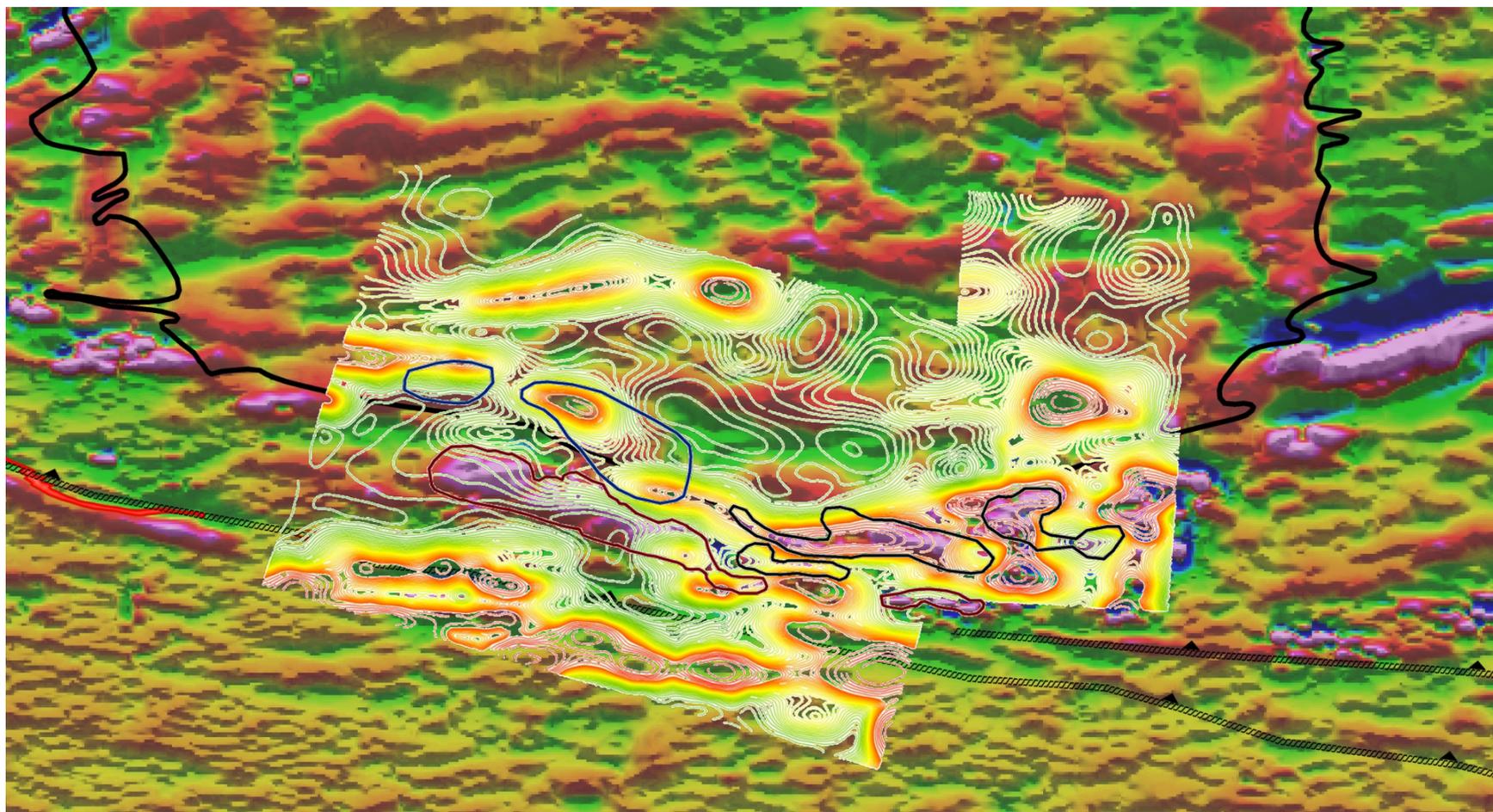
# Réponse Géophysique des Zones Minéralisées



# Réponse Géophysique des Minéralisations

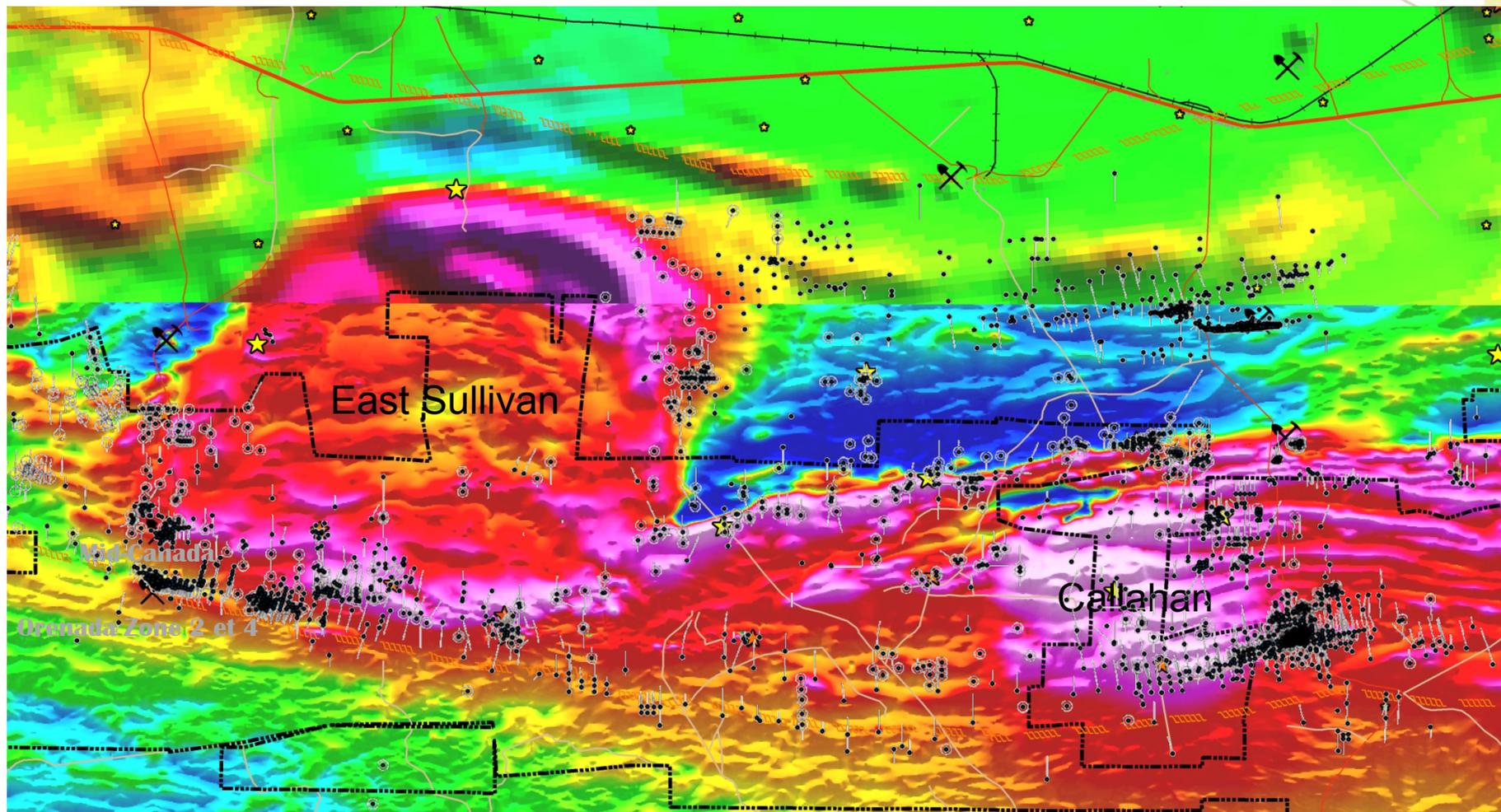


# Association Mag et PP



0 0.15 0.3 0.6 0.9 1.2  
Kilometers

# Potentiel d'exploration pour les minéralisations associées aux intrusions



0 0.75 1.5 3 4.5 6  
Kilometers



# Remerciement:

Je veux remercier:

- **CONSOREM-DIVEX** de nous avoir donné l'opportunité de présenter notre nouvelle vision sur des minéralisations du camp de Val-d'Or.
- **Pierre-Etienne Mercier**,<sub>geo.</sub> et **Roger Caron**,<sub>tech.</sub> Pour leur travail sur la préparation de cette conférence.

