

# Greece Exploration Projects

Investors Tour May 14, 2017



Mavres Petres 2017 Resource Drilling

eldoradogold

# Our Exploration Programs

## Europe



## South America



### Minesite & Brownfields

- Certej District, Romania
- Stratoni, Greece
- Efemcukuru, Turkey
- Olympias, Greece

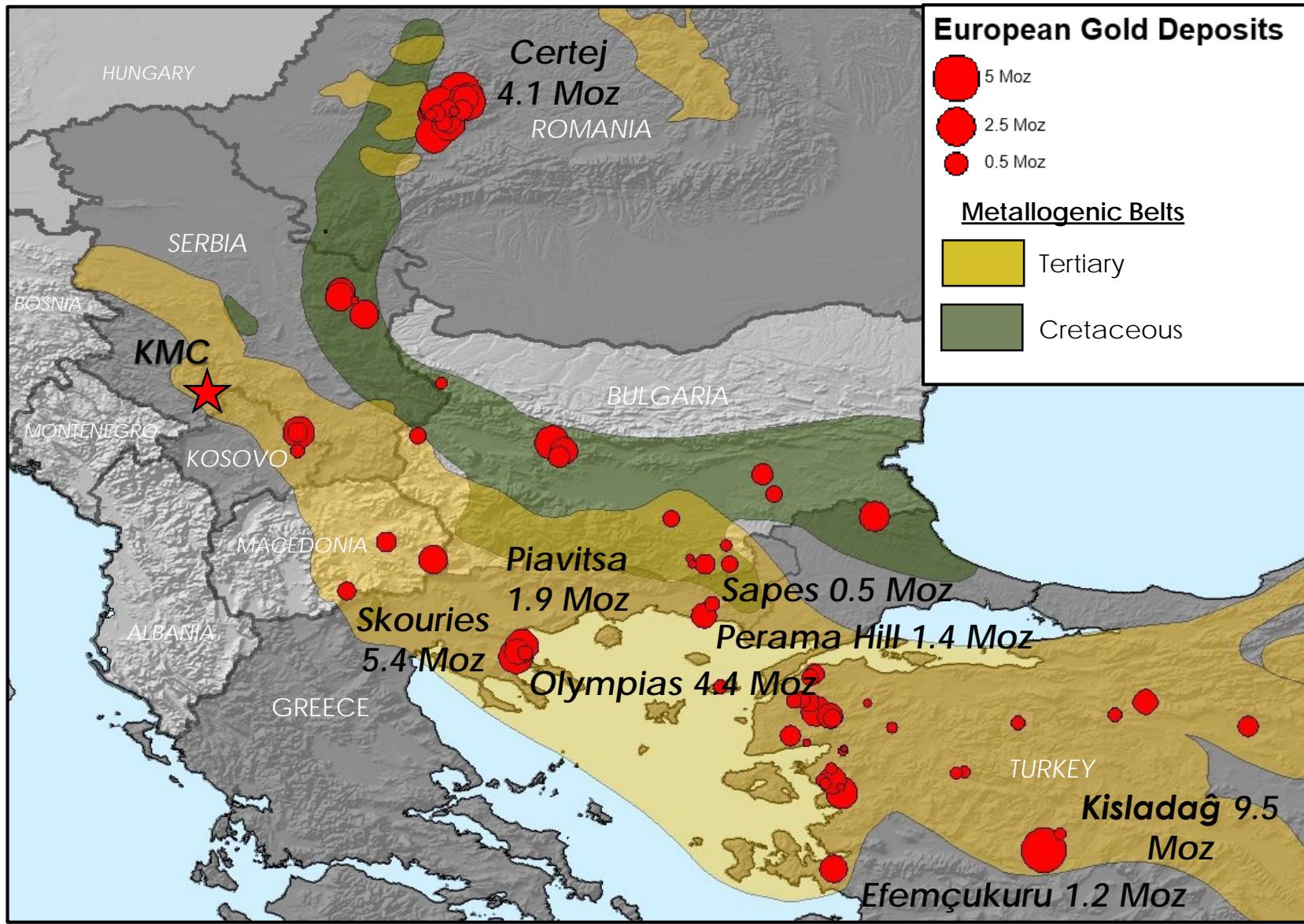
### Advanced Stage & Resource Drilling

- KMC, Serbia
- Bolcana, Romania
- Sapes, Greece

### Early Stage & Project Generation

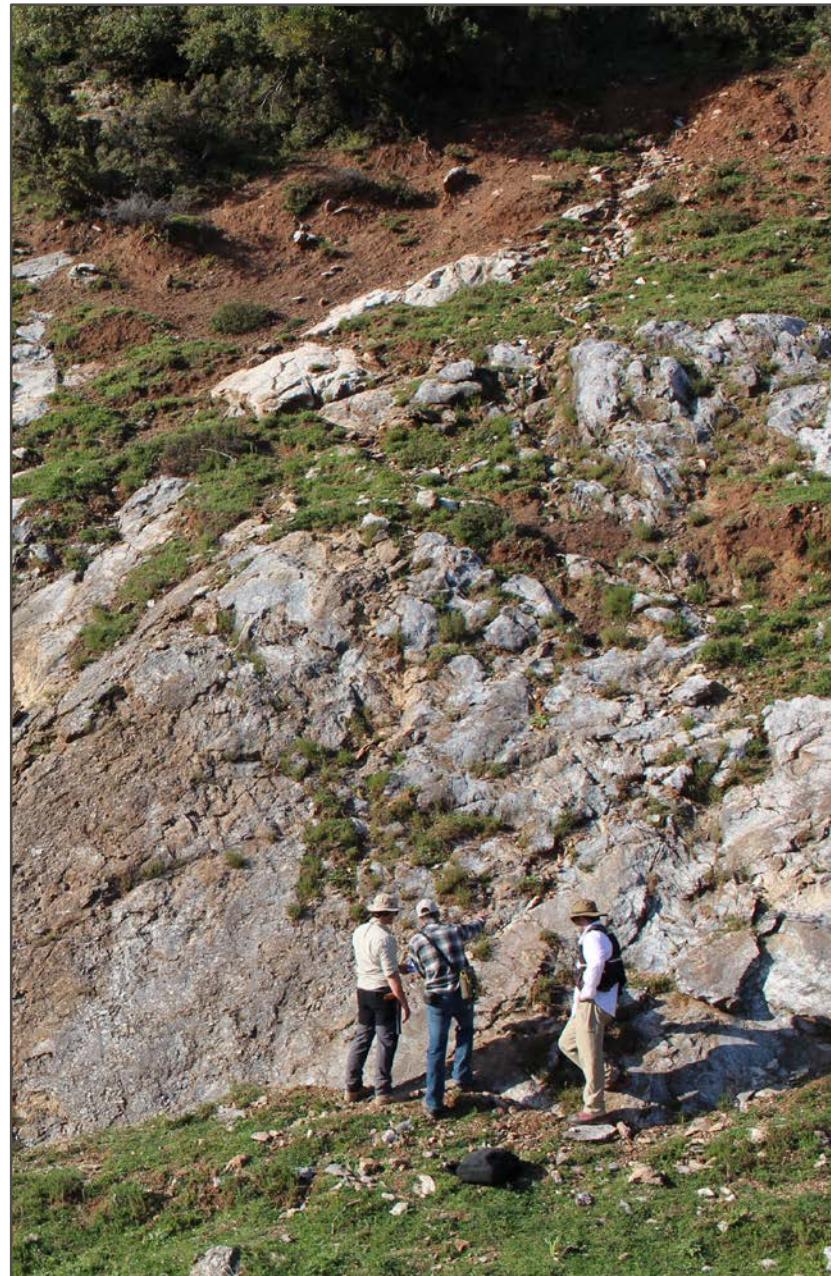
- Balkan Metallogenic Belts
- Mara Rosa, Brazil
- Nazareno & Borborema, Brazil
- West Anatolia JV, Turkey

# Greece Regional Metallogenic Framework



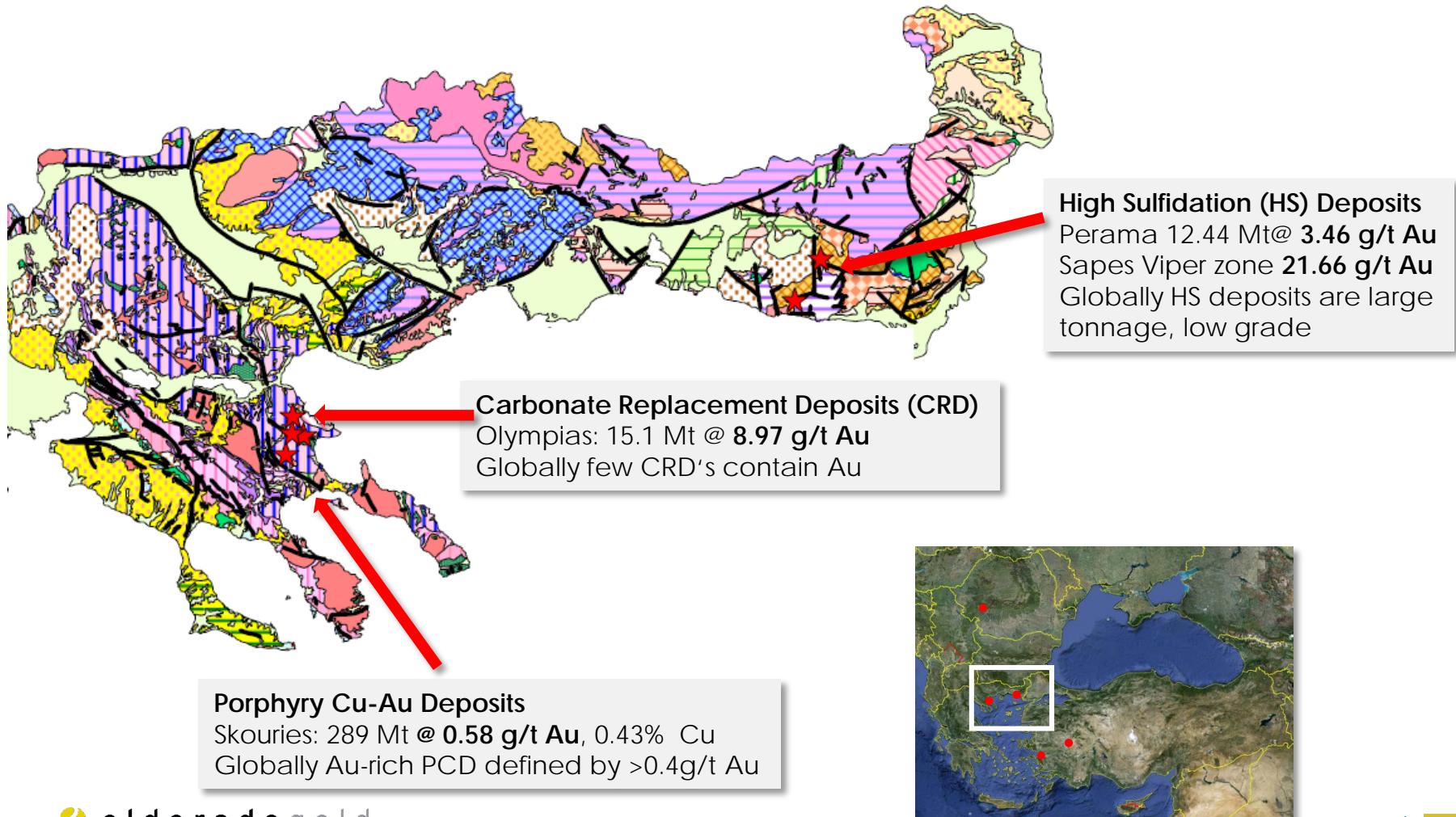
# Greece Exploration Profile

- High geological prospectivity
  - Wide range of Au-rich deposit styles
  - Underexplored, no modern exploration outside of known deposit areas
- Eldorado owns all major gold deposits
  - Excellent brownfields potential in Halkidiki
  - Perama-Sapes region underexplored but with drill-ready targets & untested potential
- Exploration permitting progressing
  - Recent granting of drilling permit extension in Halkidiki
  - Drill permit application at Sapes currently in review process
  - New permit application submitted for surface drilling in Stratoni Fault corridor



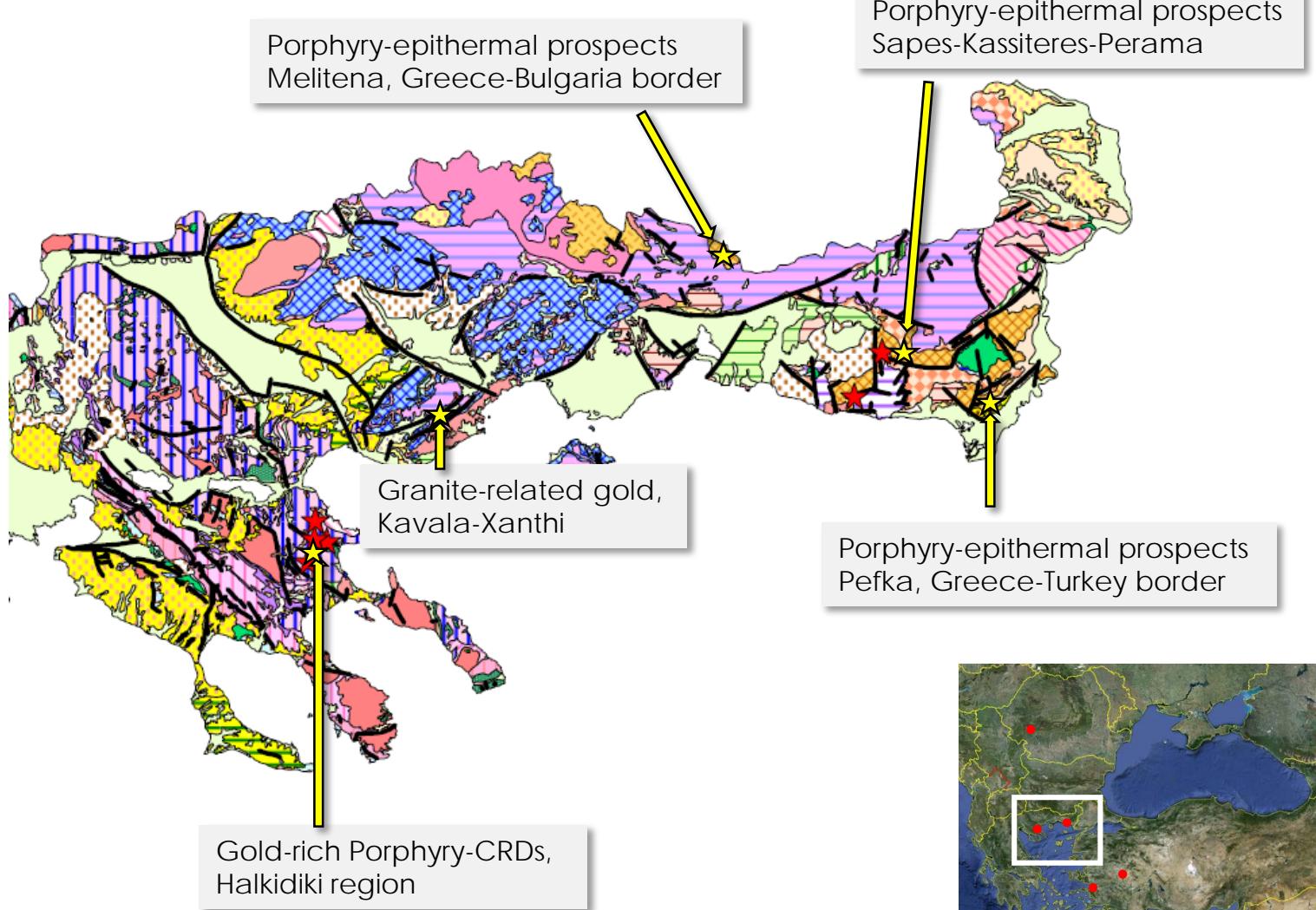
# Greece Metallogenic Framework

Exceptionally high gold grades in a range of deposit types



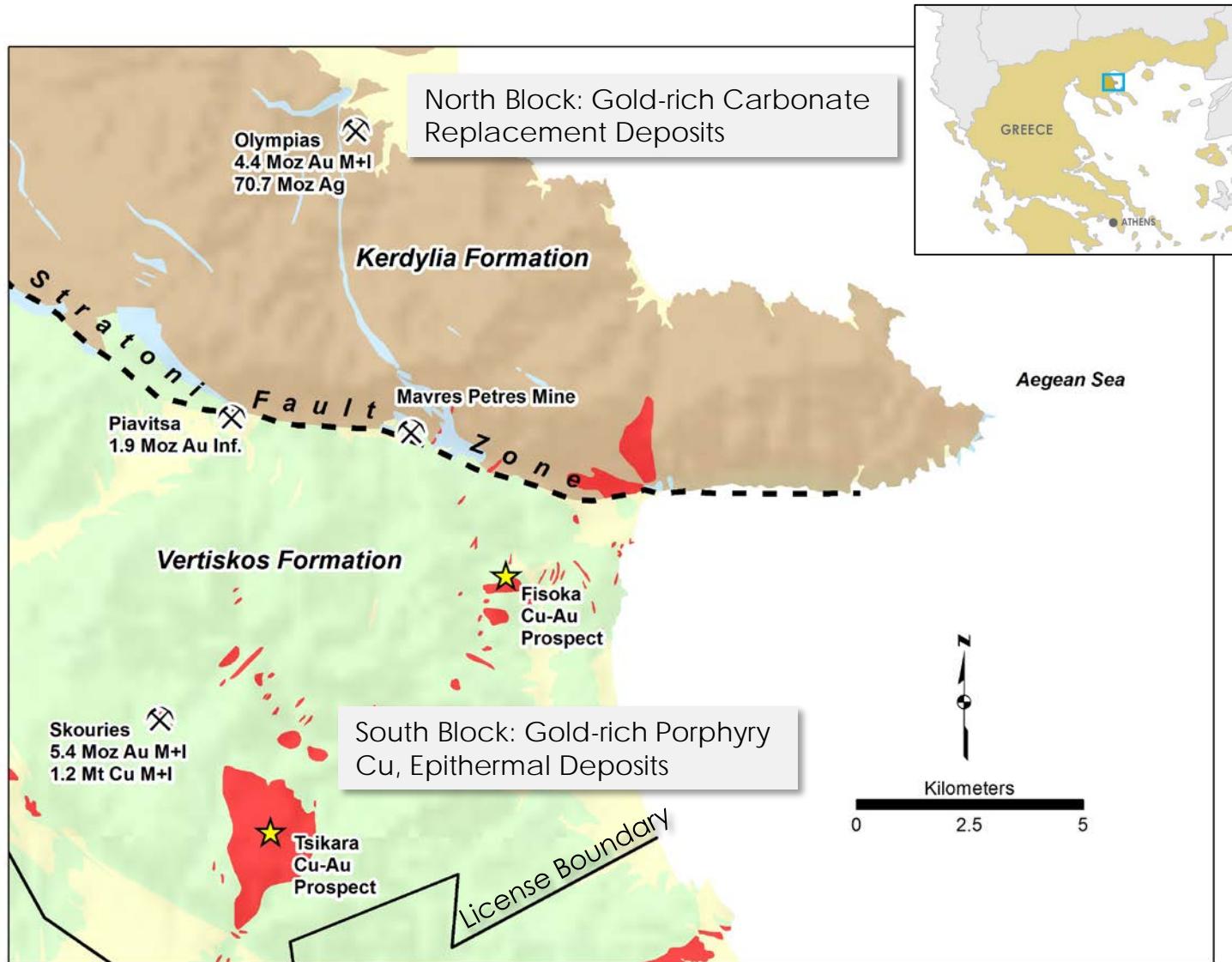
# Greece Metallogenic Framework

High prospectivity within & adjacent to  
current licences & in new areas



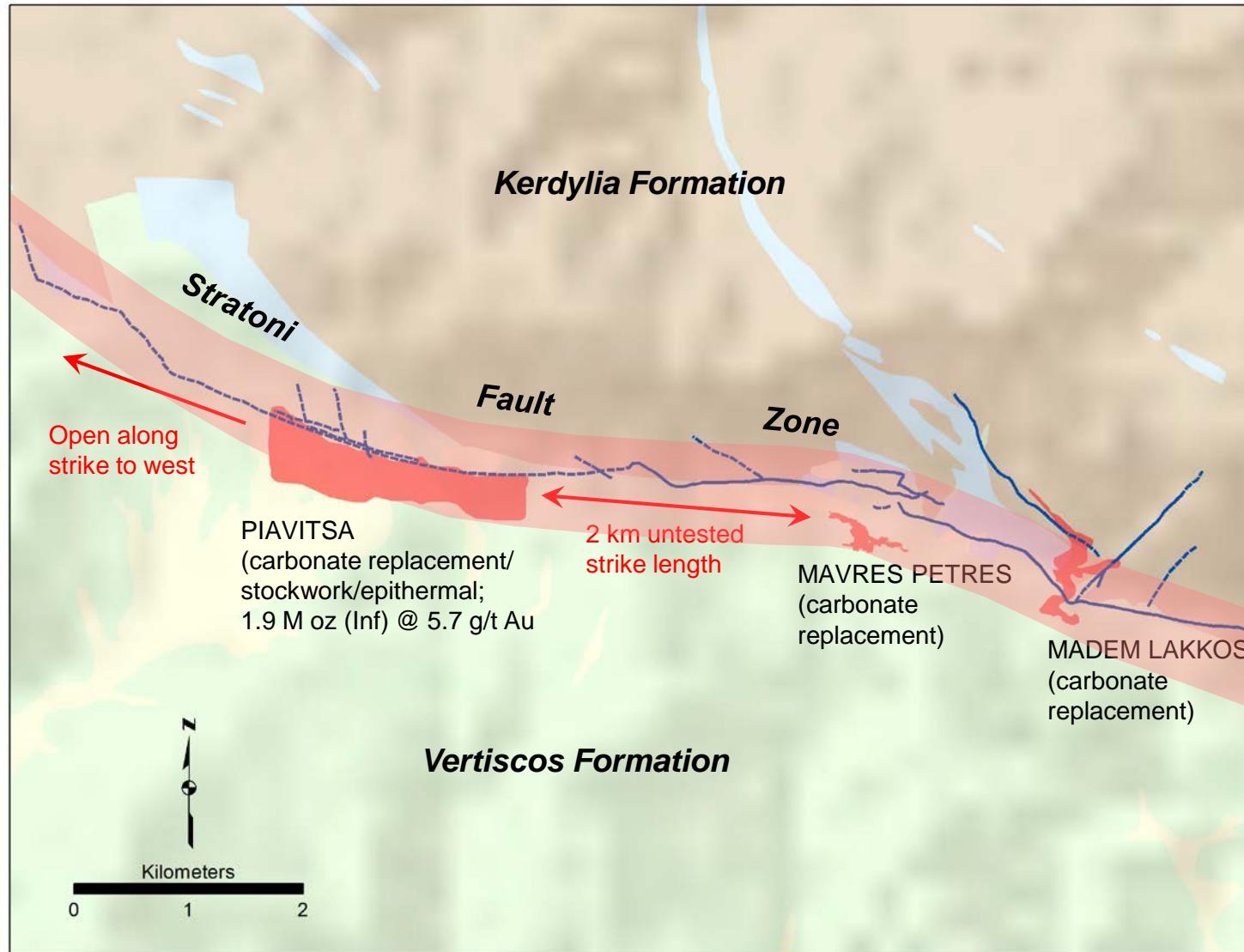
# Halkidiki, Greece

## Brownfields programs and new targets



# Mavres Petres and Piatitsa, Greece

Resource potential within the Stratoni mineralized corridor



# Mavres Petres Exploration Plan

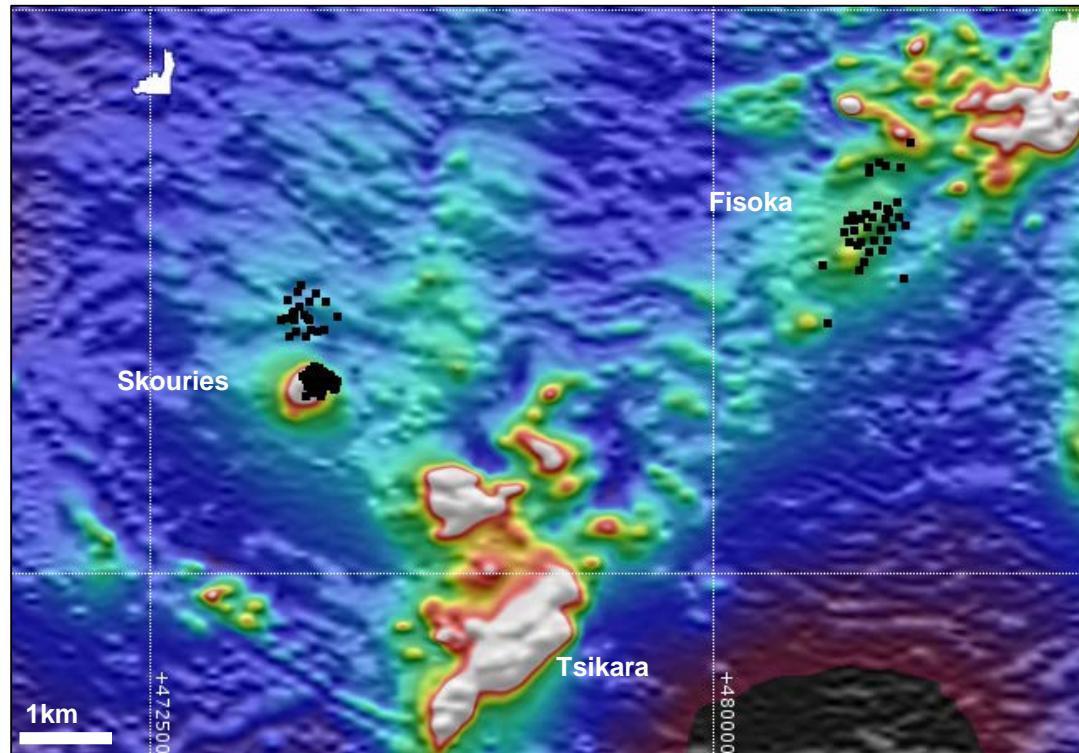
First systematic exploration of Mavres Petres extensions



# Gold-rich Porphyry Cu-Au Targets

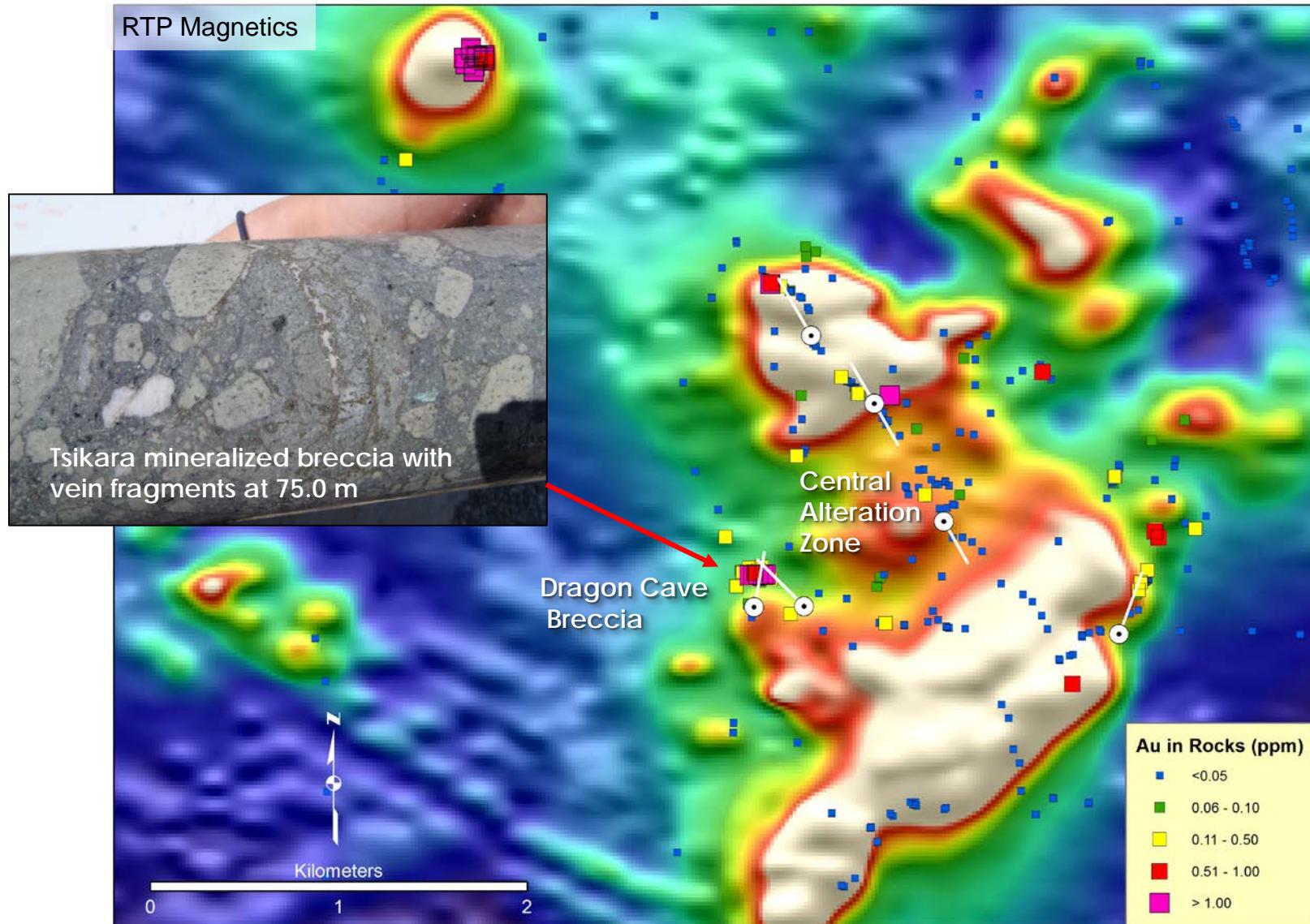
Skouries-Fisoka-Tsikara

- Porphyry deposit cluster
- Limited drilling outside of immediate Skouries & Fisoka areas
- First-ever drill testing of Tsikara targets now underway



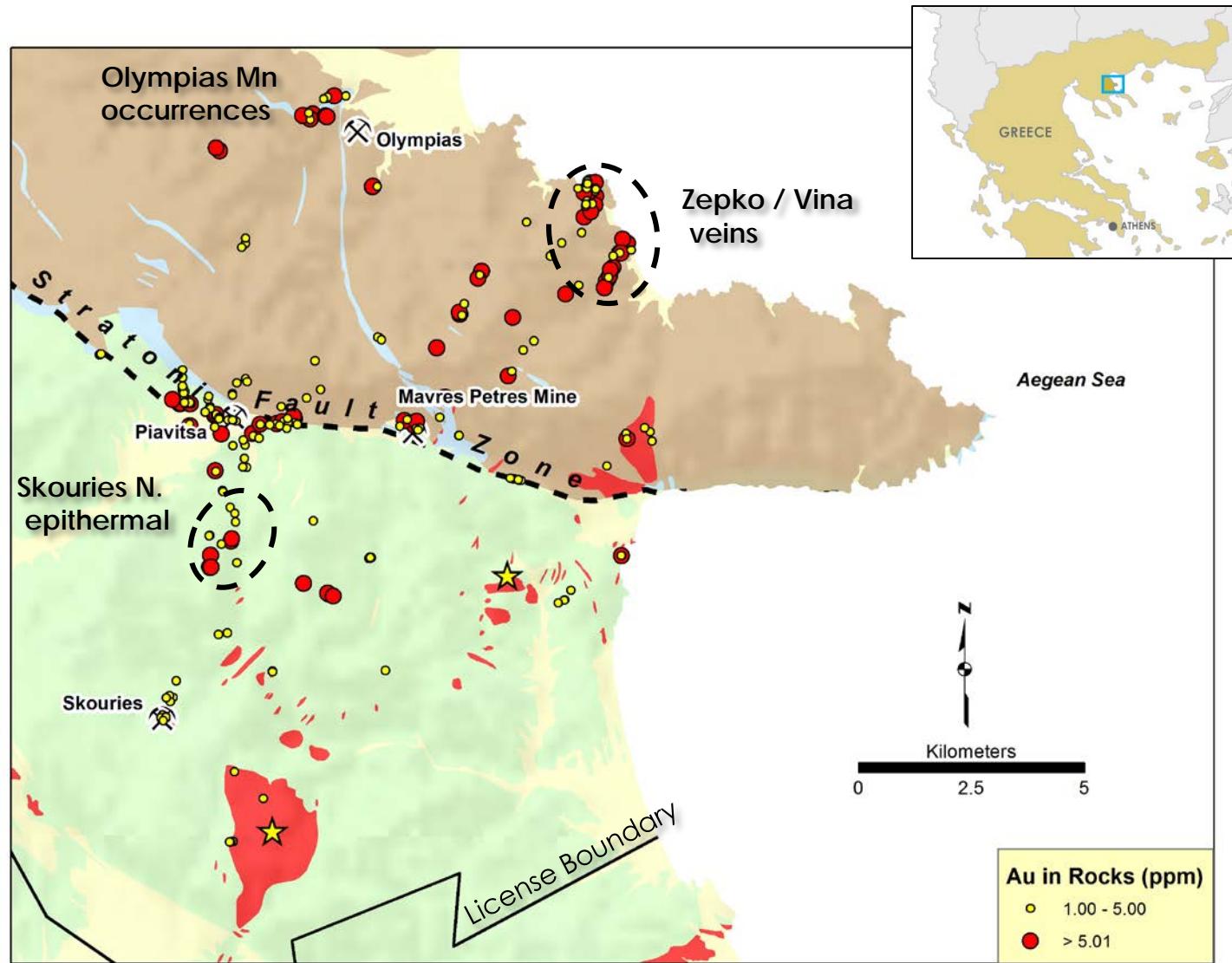
# Tsikara Porphyry Cu-Au Targets

Skouries-Like Porphyry Potential & Gold-Rich Breccia



# Halkidiki Brownfields Potential

Long-term growth opportunities



# Halkidiki Brownfields Potential

Gold-rich porphyry, vein & carbonate replacement potential



Tsikara porphyry-breccia complex  
up to 4.9 g/t Au



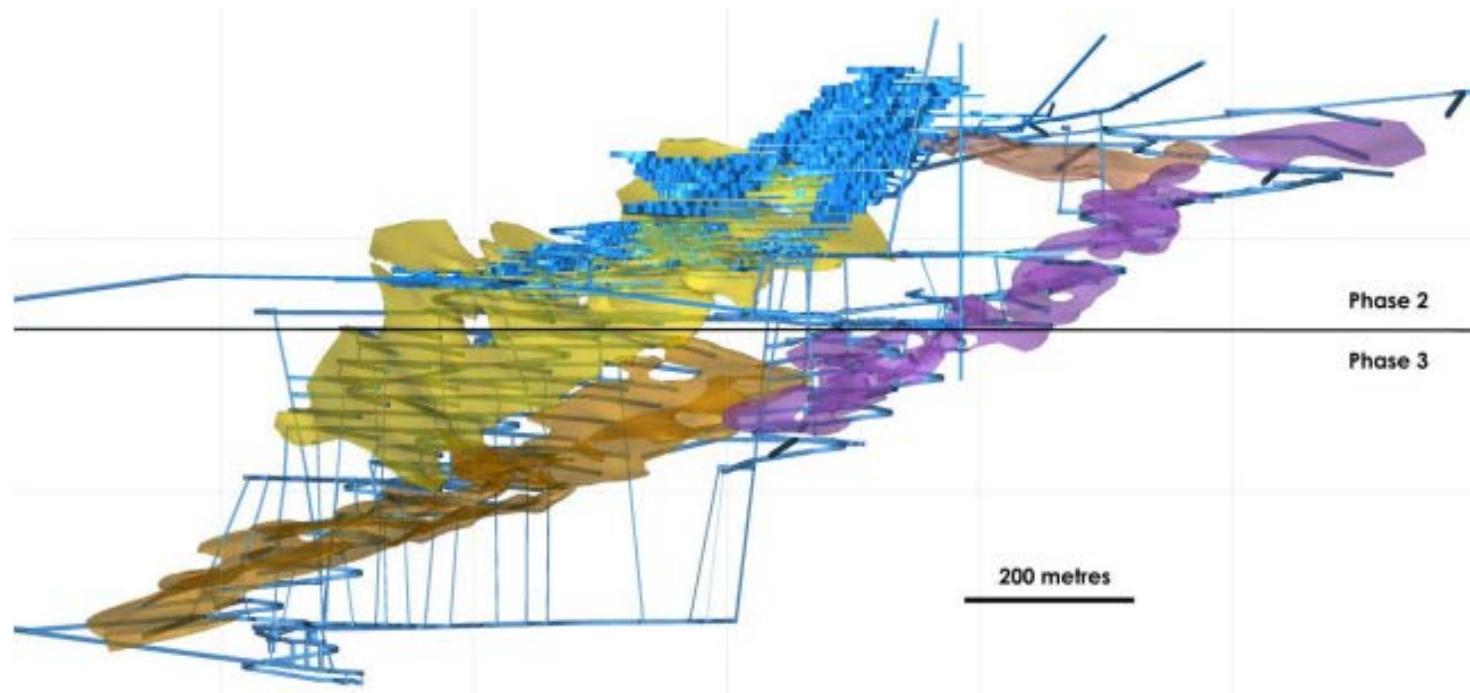
Skouries North epithermal  
veins 26.2 g/t Au (upper) &  
6.5 g/t Au (lower)



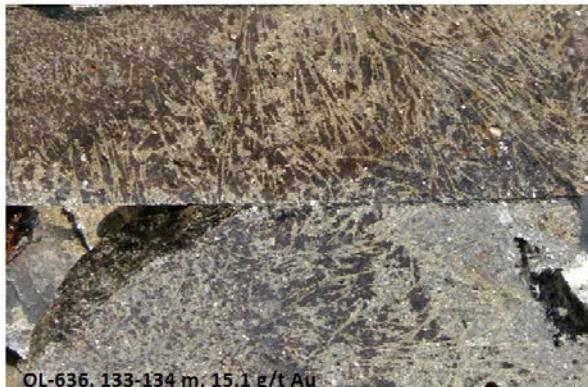
Fisoka porphyry stockwork

# Olympias Deposit

Carbonate replacement deposit with uniquely high gold grades and outstanding growth potential

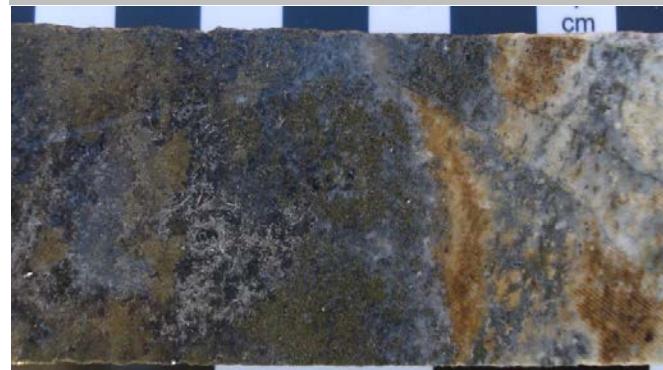


Massive sulfide with bladed pyrite-arsenopyrite-sphalerite (15.1g/t Au)



OL-636, 133-134 m, 15.1 g/t Au

Silica-rhodochrosite alteration with pyrite-arsenopyrite replacement of marble (21.74g/t Au)

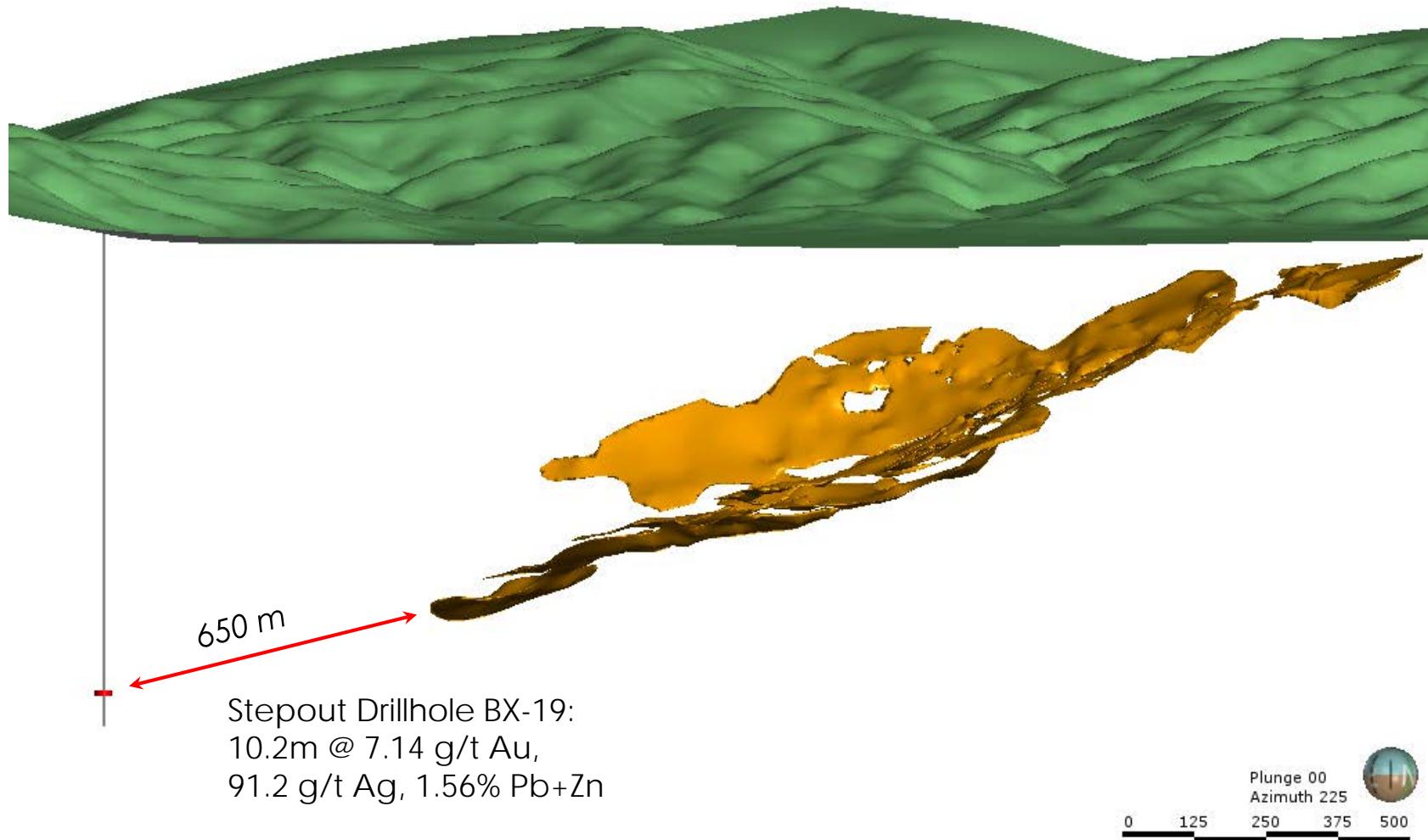


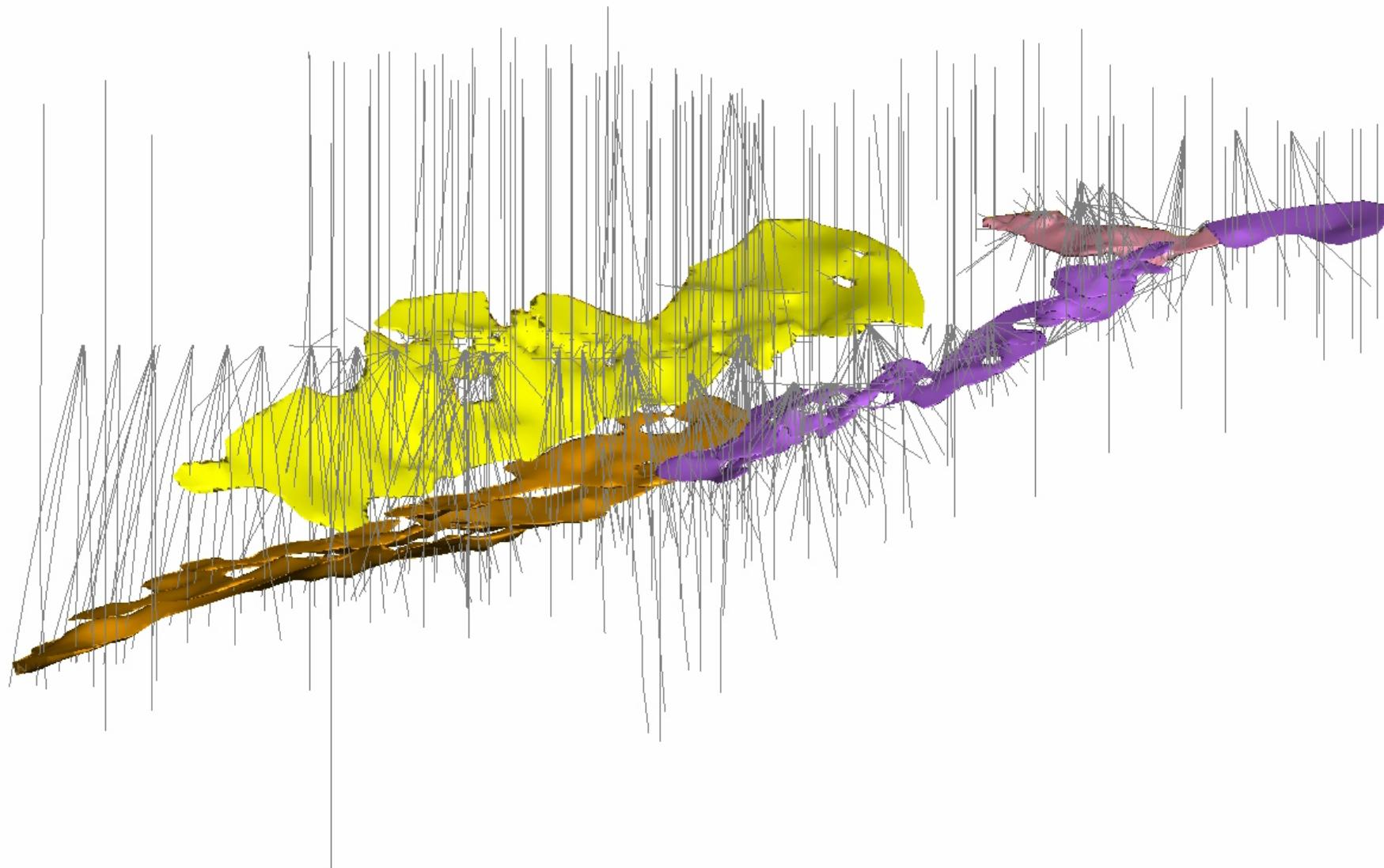
Low As, pyrite-dominated ore in calcite (7.71g/t Au)



# Olympias Upside Potential

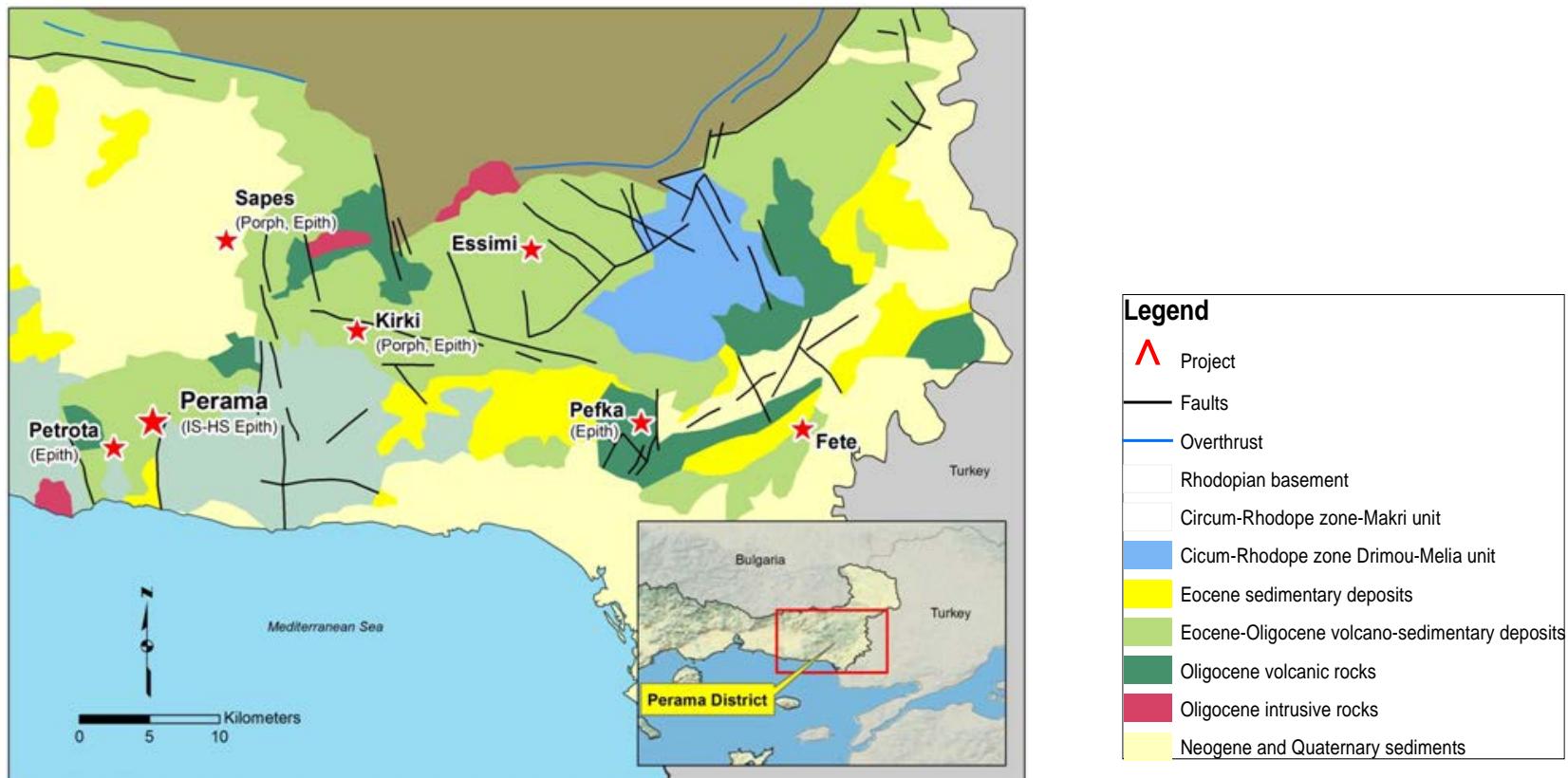
## East and West ore zones open down plunge





# Perama Hill / Sapes District

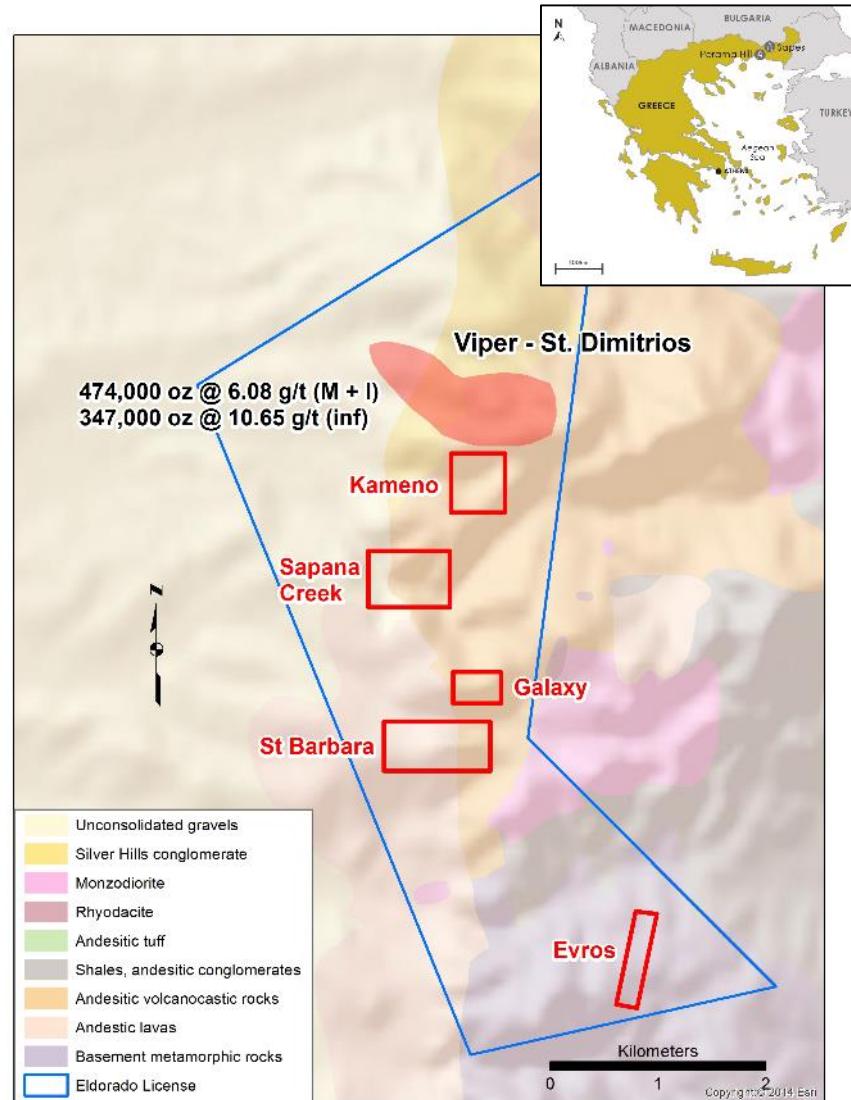
## High-grade epithermal Au and porphyry Cu-Au potential



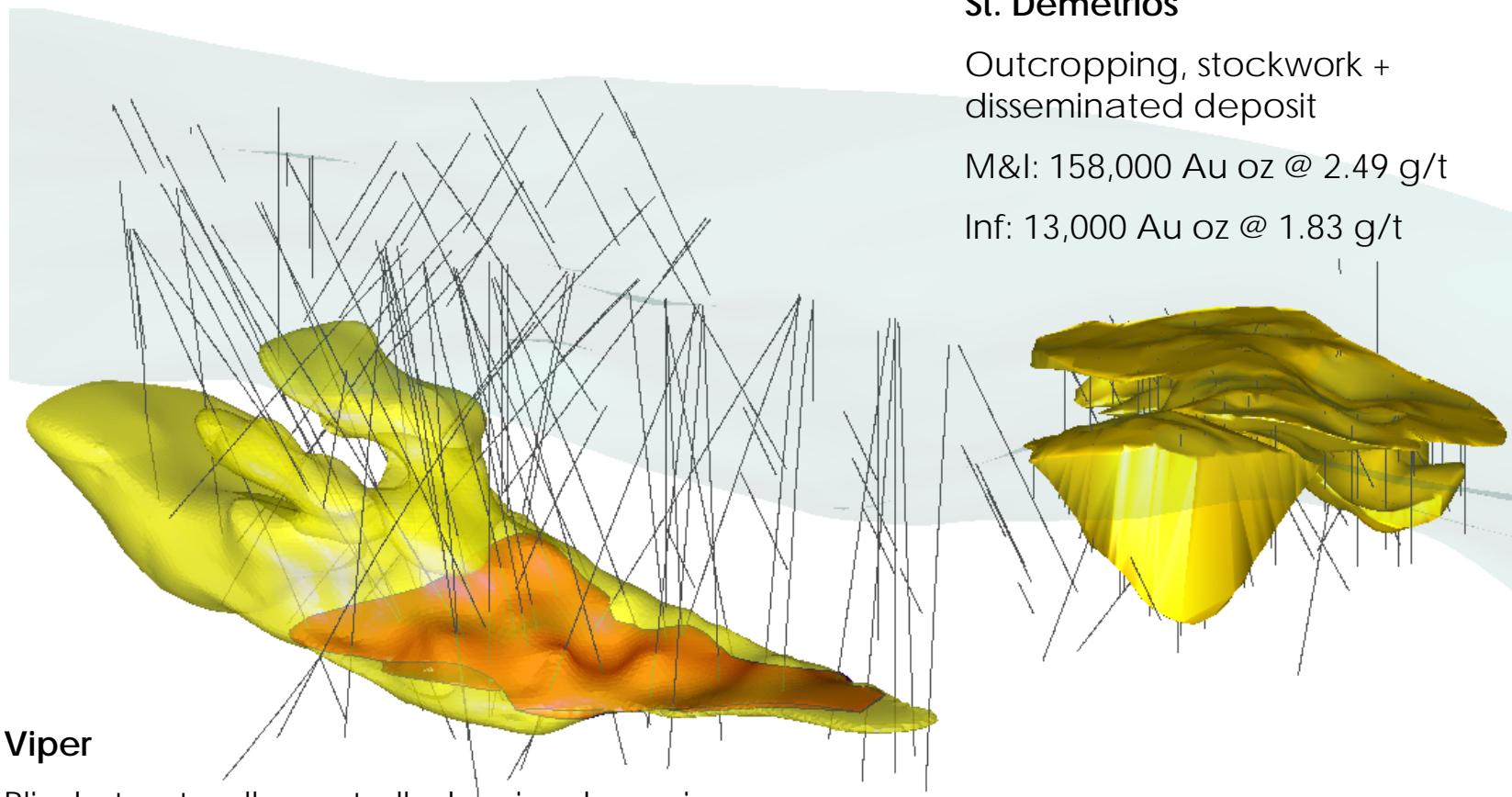
# Sapes, Greece

High-grade epithermal gold with strong growth potential

- High-grade structurally-controlled vein/breccia zones (Viper deposit)
- Disseminated/stockwork Au zones (St. Demetrios, Scarp deposits)
- Only 30 previous drill holes in prospects south of Viper-St. Dimitrios
- Highlights include:
  - Kamento: SP29 16m @ 3.0 g/t Au from 4m
  - Galaxy: SP24 7m @ 5.9 g/t Au from 48m



# Viper and St. Demetrios Deposits



M&I: 316,000 Au oz @ 21.66 g/t

Inf: 334,000 Au oz @ 13.01 g/t

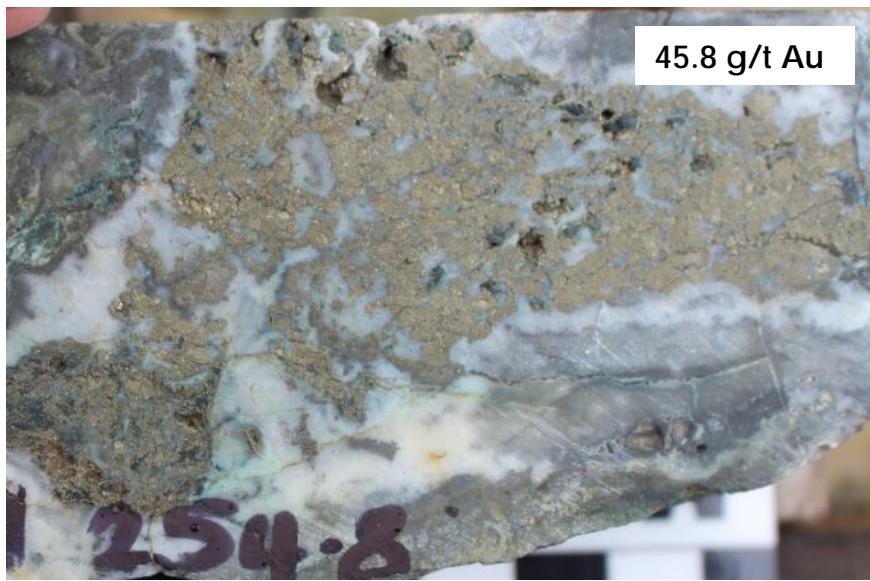
## St. Demetrios

Outcropping, stockwork + disseminated deposit

M&I: 158,000 Au oz @ 2.49 g/t

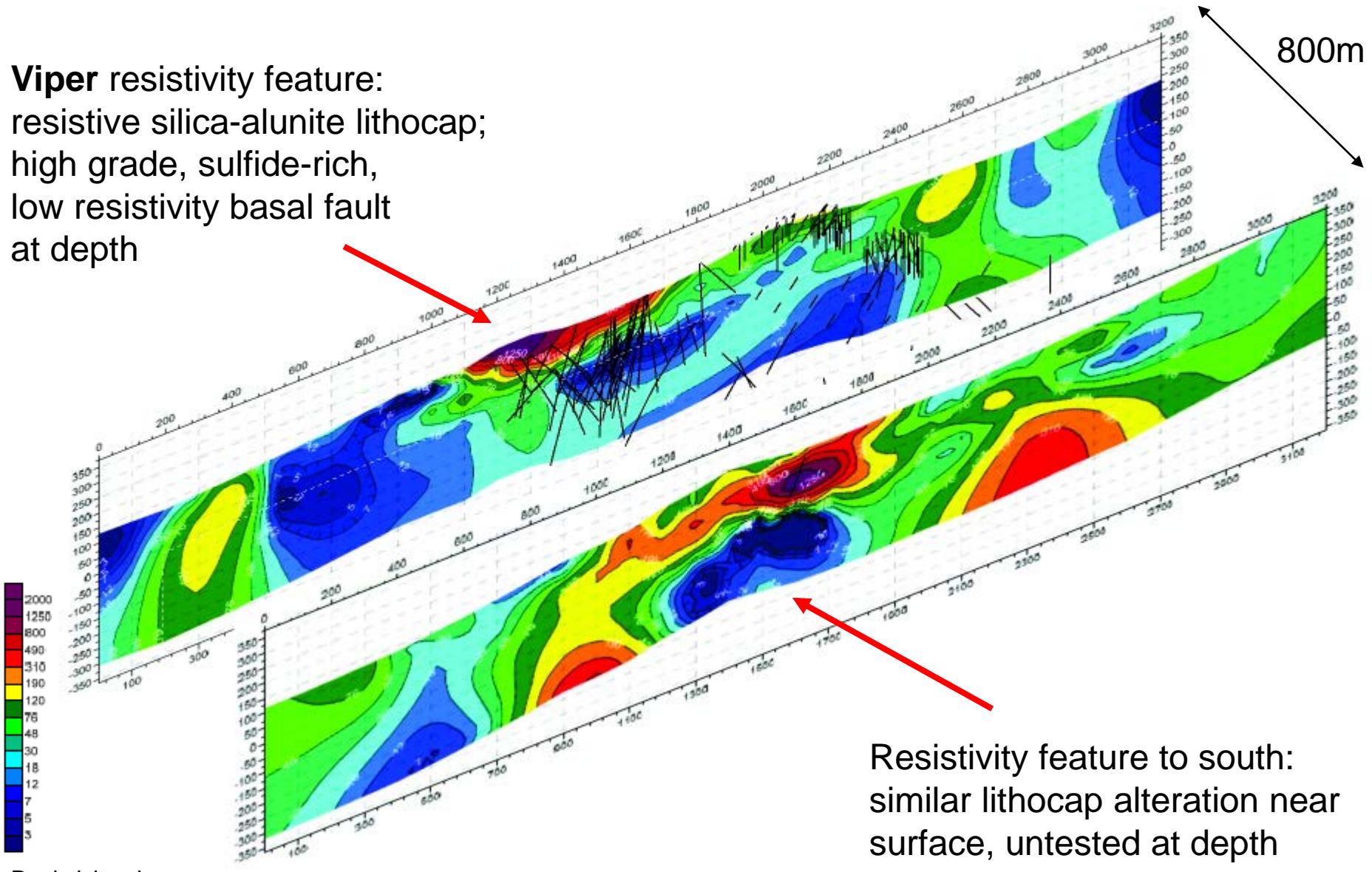
Inf: 13,000 Au oz @ 1.83 g/t

# Viper Deposit



# Sapes Viper Zone IP & Southern Target

**Viper resistivity feature:**  
resistive silica-alunite lithocap;  
high grade, sulfide-rich,  
low resistivity basal fault  
at depth



Resistivity feature to south:  
similar lithocap alteration near  
surface, untested at depth



# Questions?