

# Arsenic in Nova Scotia

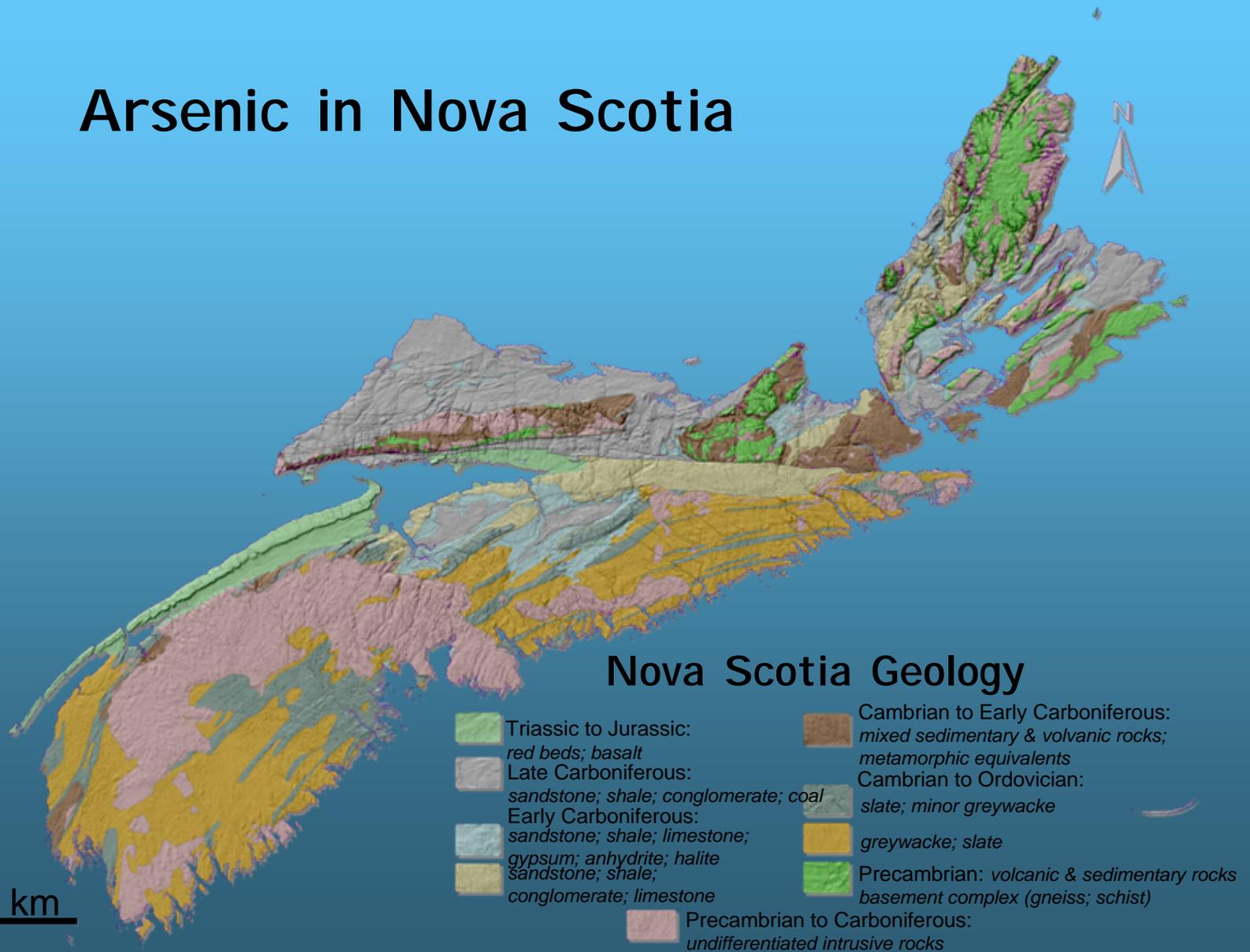
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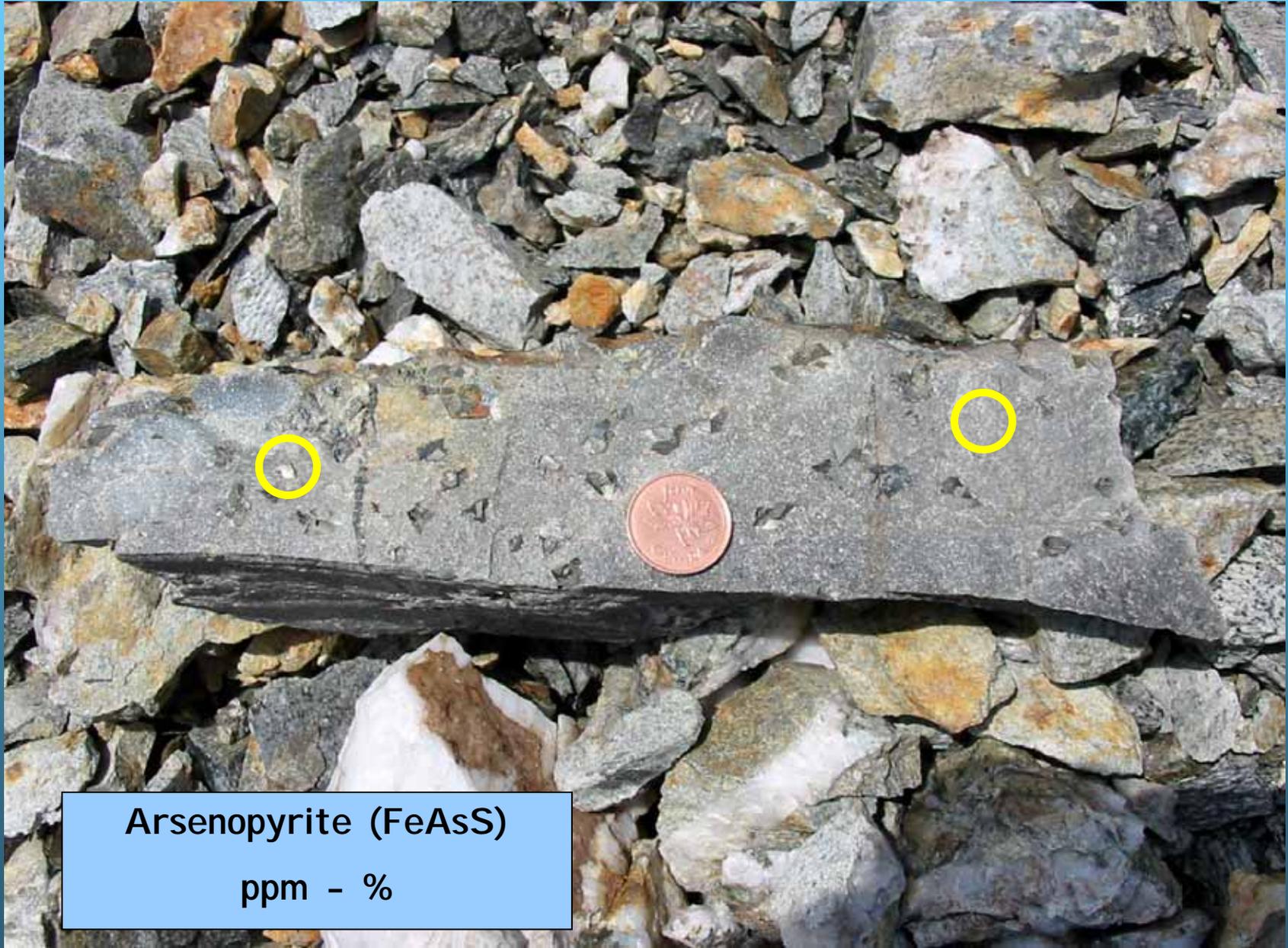
Workshop on the Role of Geochemical Data  
in Ecological and Human Health Risk Assessment  
March 17 - 18, 2010  
Halifax, NS

# Arsenic in Nova Scotia



100 km

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Arsenopyrite ( $\text{FeAsS}$ )

ppm - %

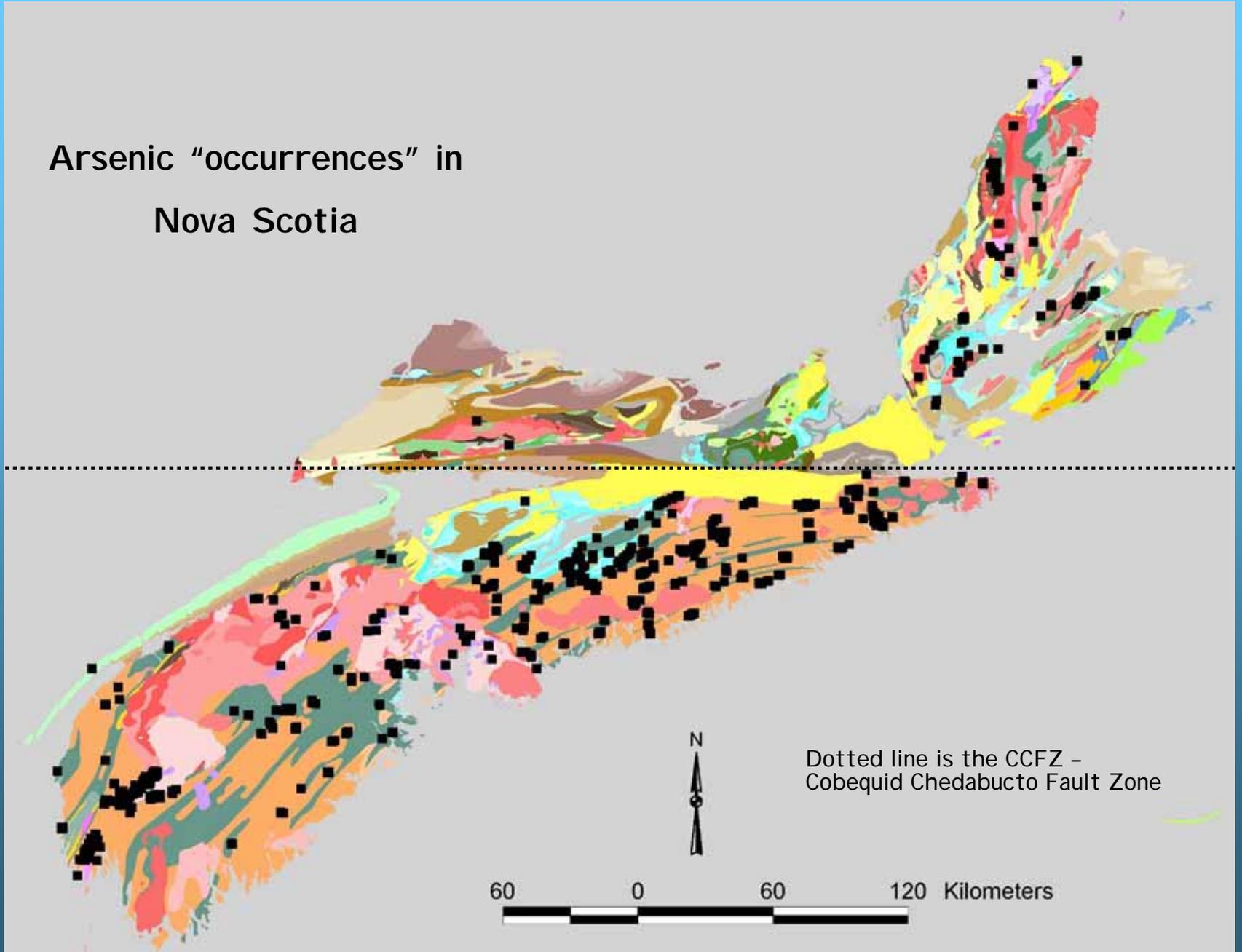
# Arsenic in Nova Scotia



Arsenopyrite Crystal,  
Tangier Gold District

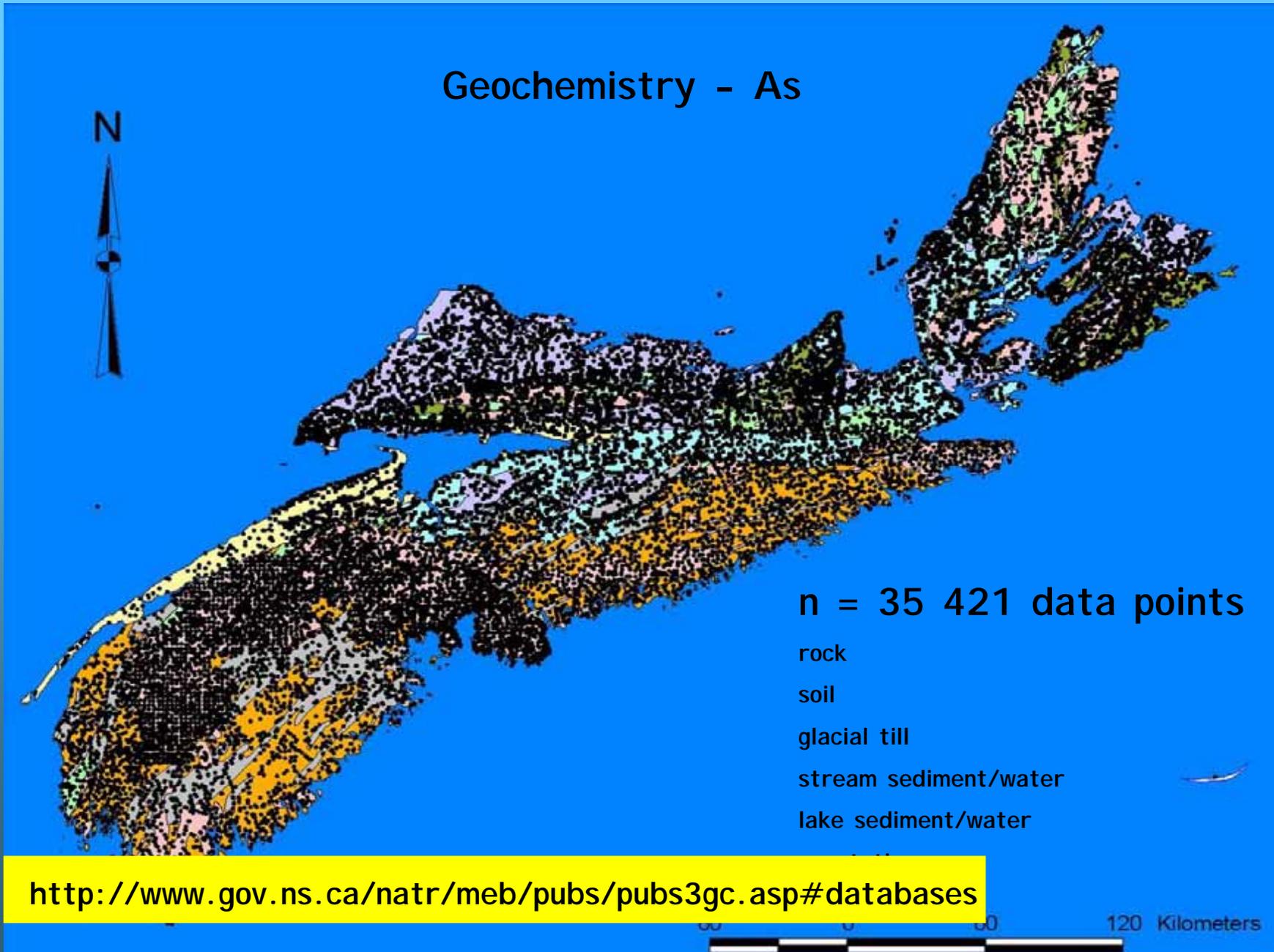
# Arsenic in Nova Scotia

Arsenic "occurrences" in  
Nova Scotia



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## Geochemistry - As

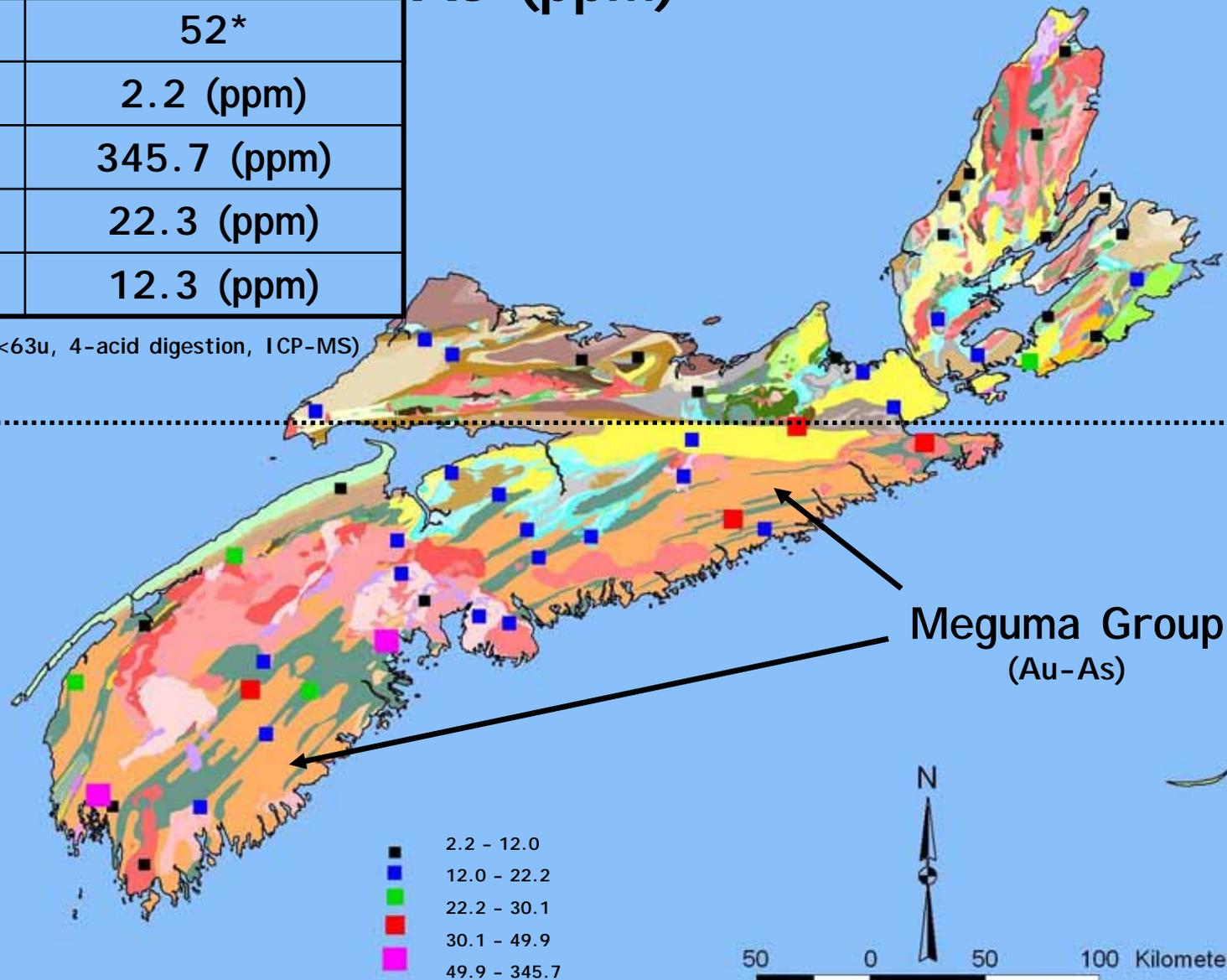


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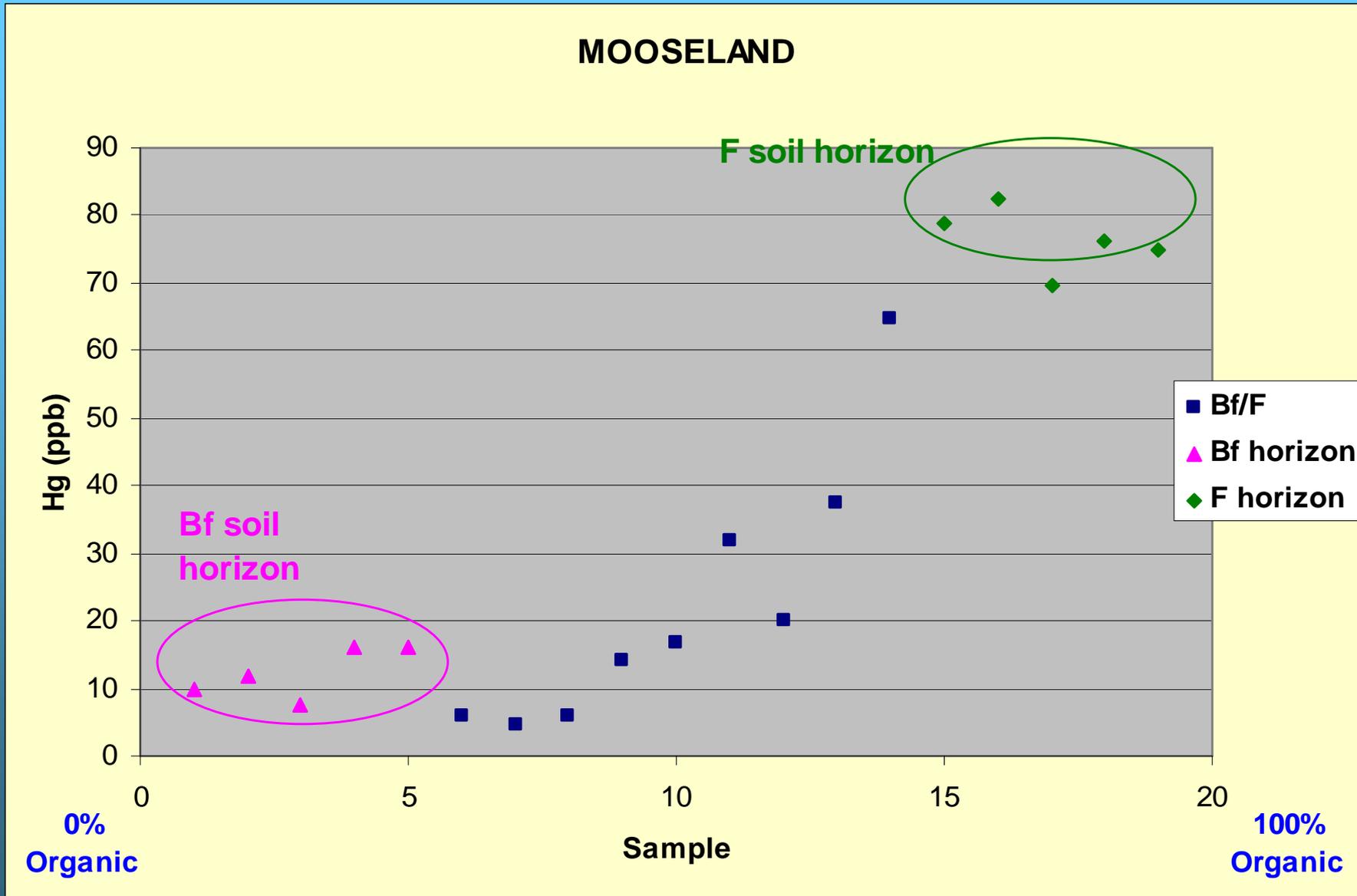
## As (ppm)

$n_{2007} =$	52*
Min.	2.2 (ppm)
Max.	345.7 (ppm)
Mean	22.3 (ppm)
Median	12.3 (ppm)

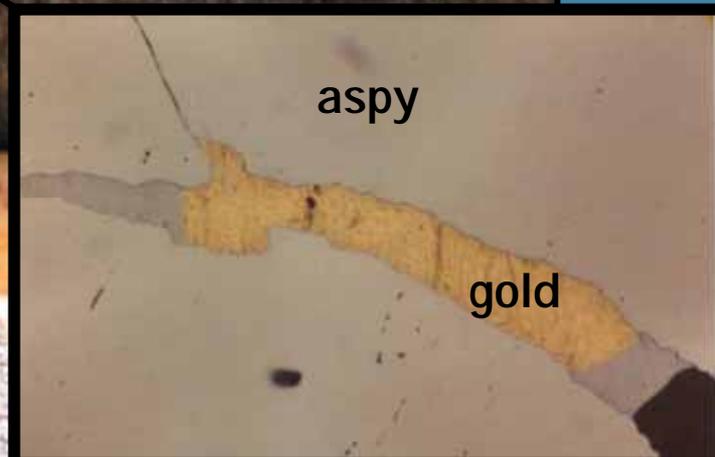
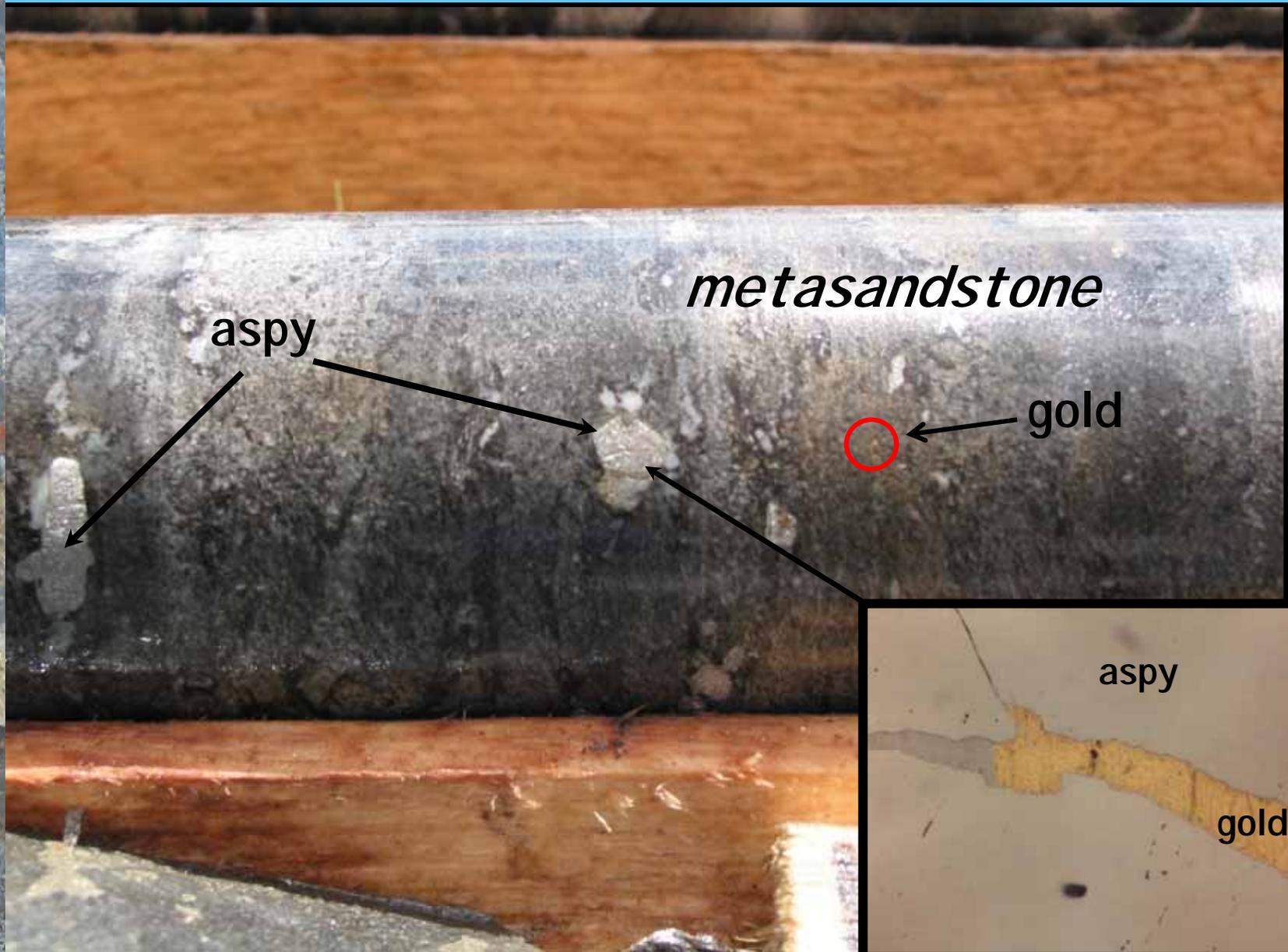
(C-Horizon, <63u, 4-acid digestion, ICP-MS)



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## HEALTH WARNING

Soils On This Site Contain Arsenic

*Keep Off This Site  
at the Request of the Medical Officer of  
Health*

  
NOVA SCOTIA

**Thank You!**  
**Questions**