

Joss'alun Discovery

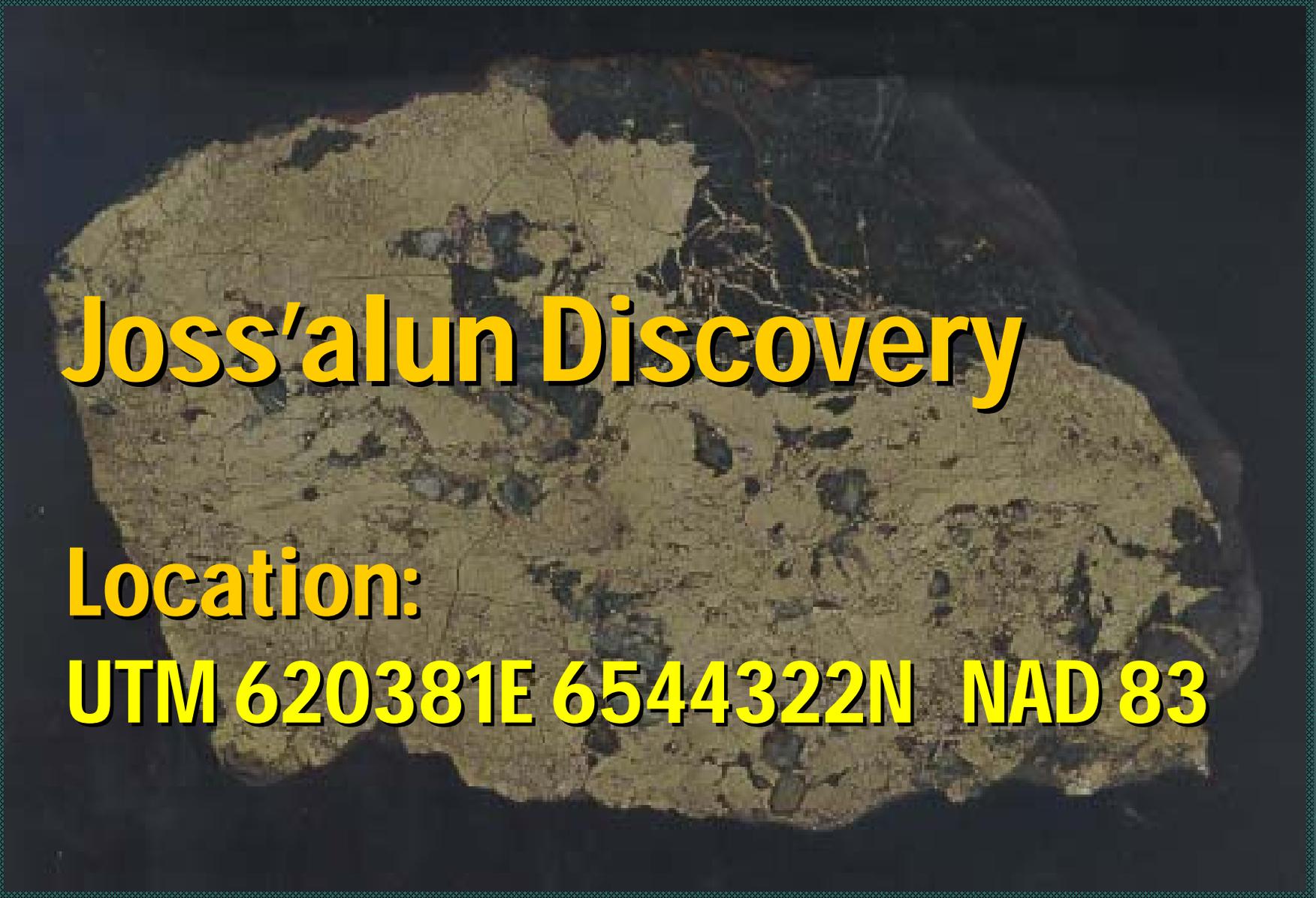


Geological Survey of
Canada



BRITISH
COLUMBIA

Ministry of Energy and Mines

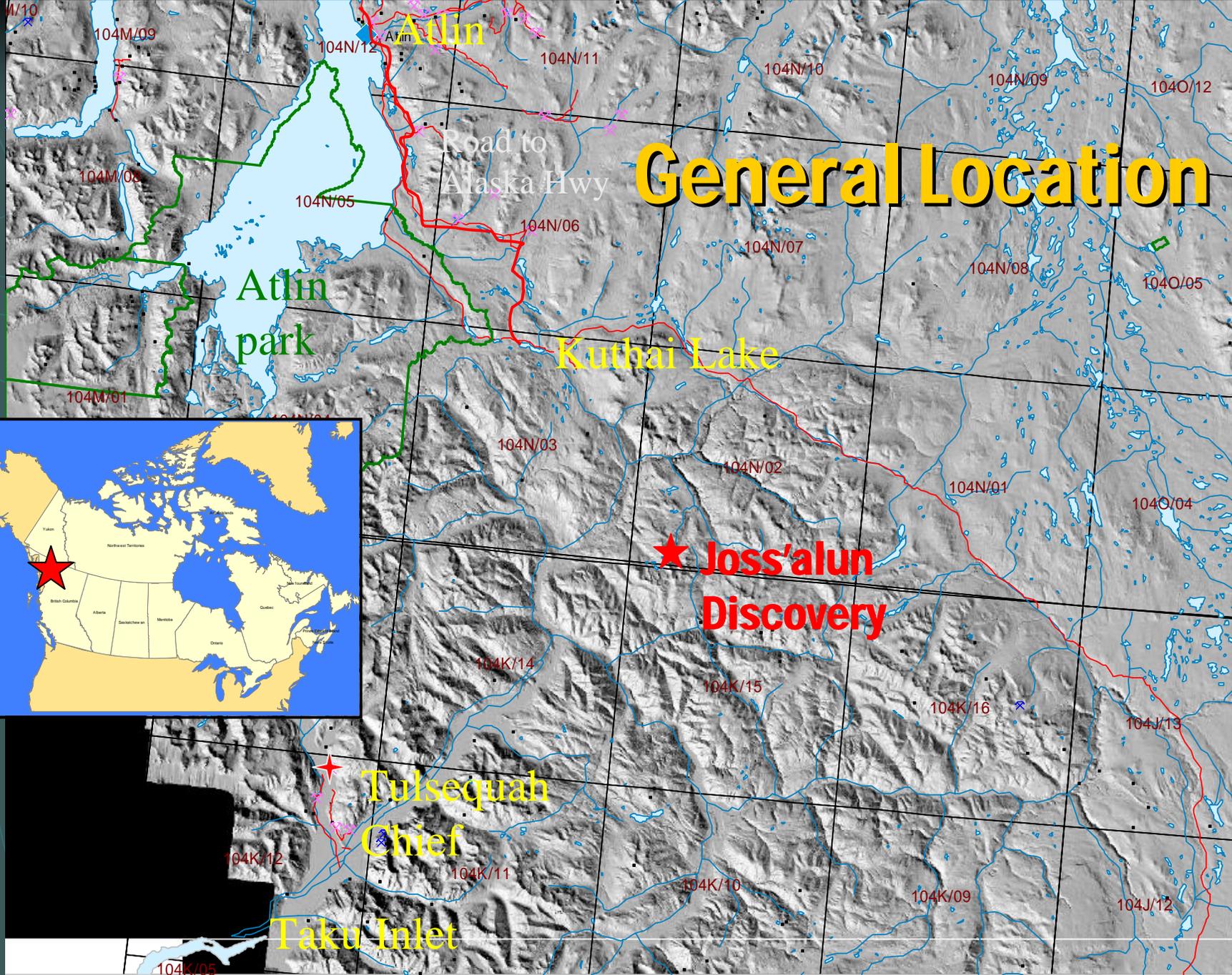


Joss'alun Discovery

Location:

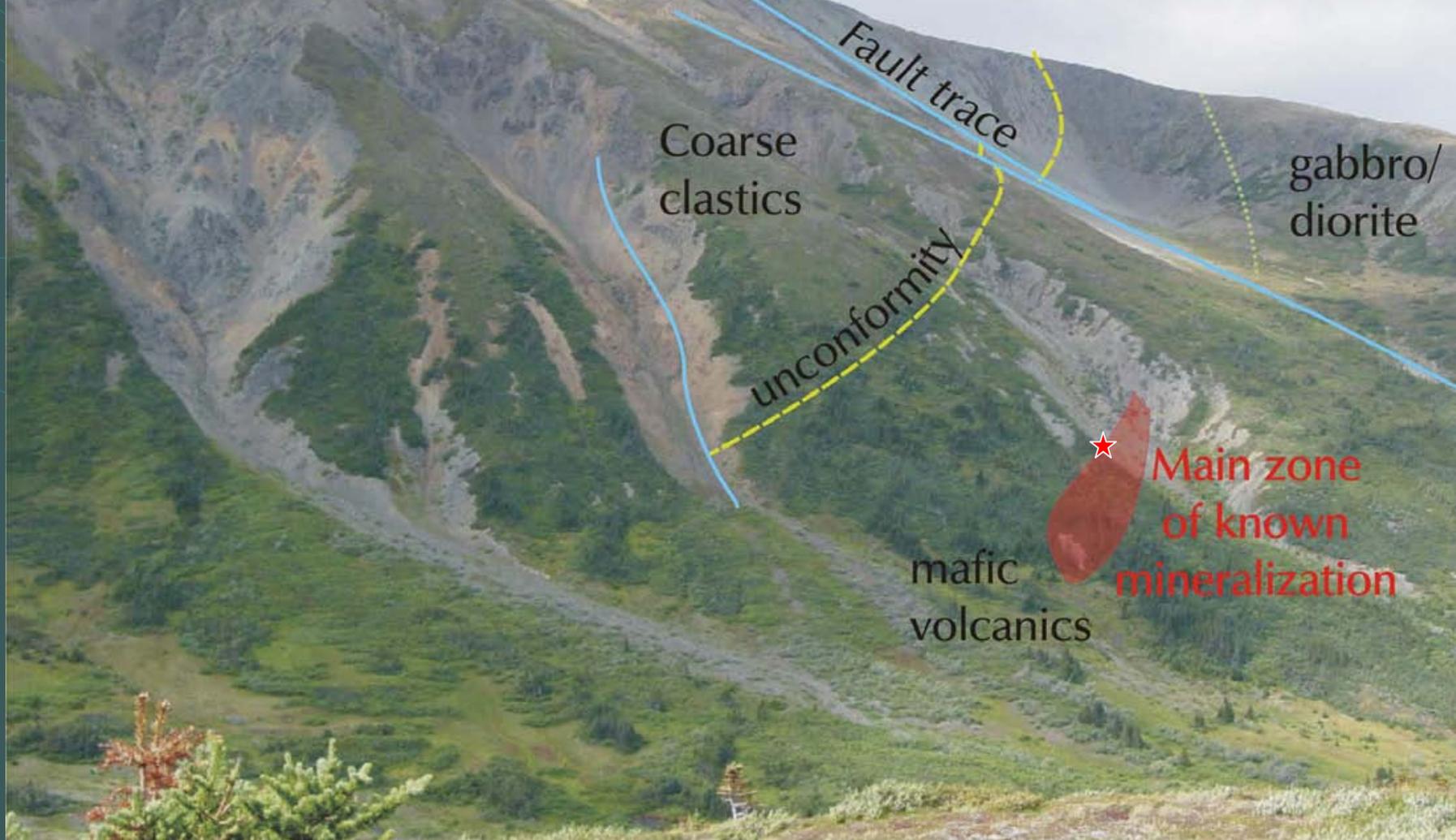
UTM 620381E 6544322N NAD 83

General Location



Location:

UTM 620381E 6544322N NAD 83



Mineralization characteristics

- Discontinuous lenses, stacked over a >10m thick interval
- Most are apparently concordant, but brecciated
- Commonly 30 cm thick, up to 90 cm+ thick
- Semi-massive chalcopyrite, lesser pyrite
- Also clearly discordant veins, most <5cm thick
- Mineralized outcrops occur over a distance of 225m
- "Stratigraphy" continues for more than 1km with traces of chalcopyrite

Epidote replacing gabbro



Mafic Volcanics



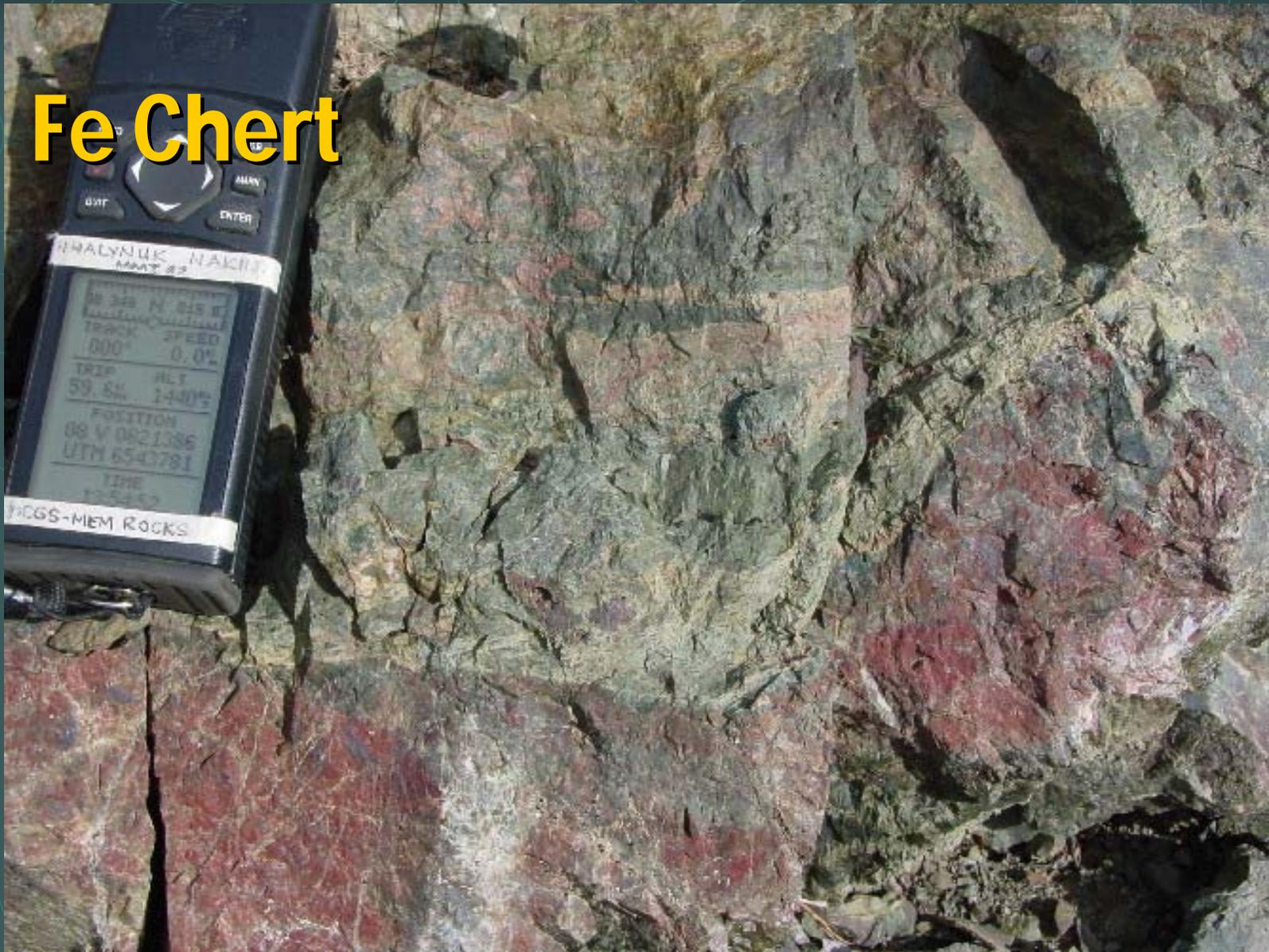
Interpillow limestone

Stratabound Massive Sulphide



Cherty layers

Fe Chert



Breccia with chalcopyrite



Coarse Clastics



Joss'alun Discovery Overview



Coarse
clastics

Fault trace

gabbro/
diorite

unconformity

Photo 1

Photo 2

Main zone
of known
mineralization
Photo 3

mafic
volcanics

This photo taken from near volcanic/clastic contact
about 1km ESE of mineralized zone

Chip sample localities

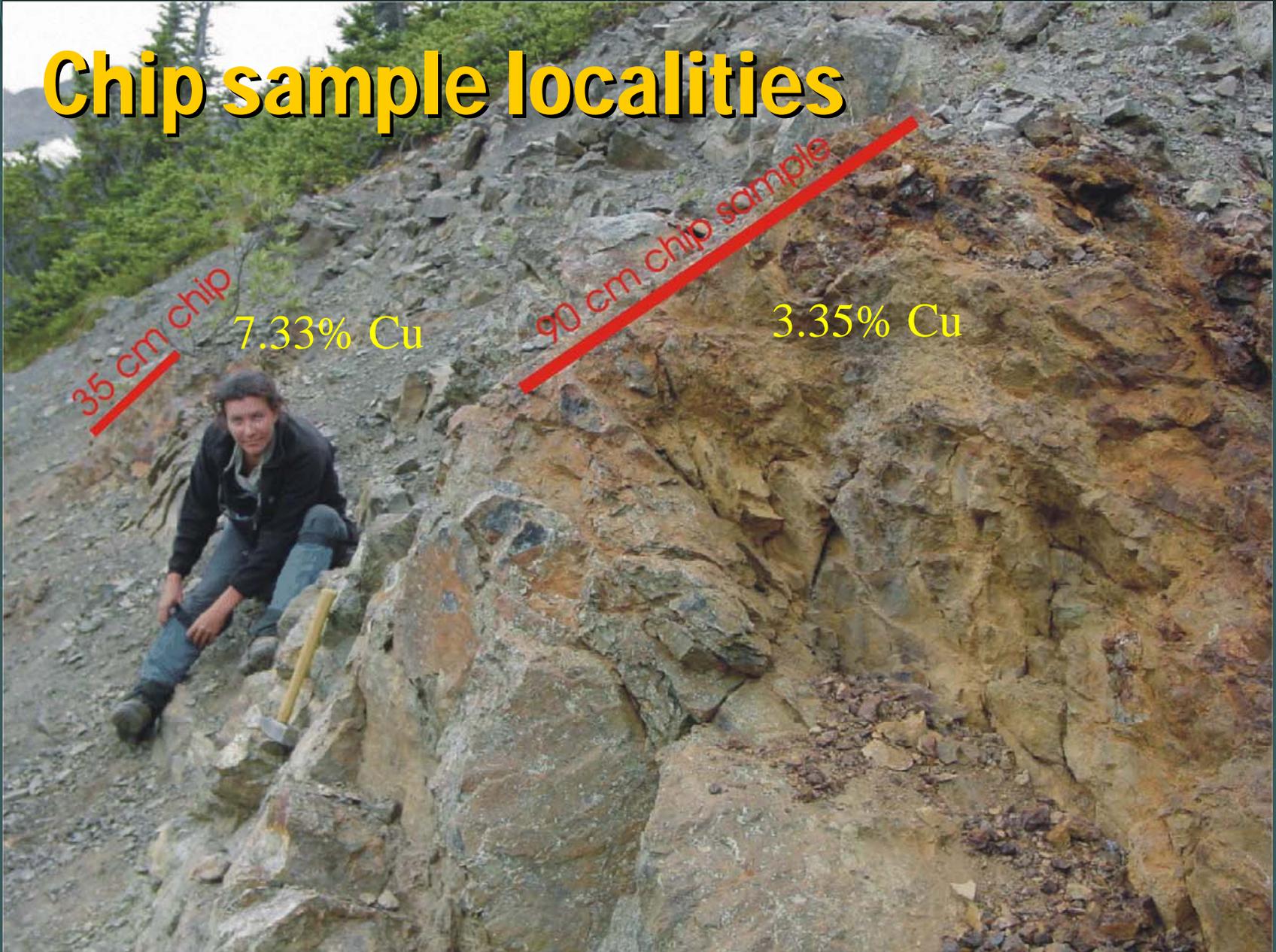
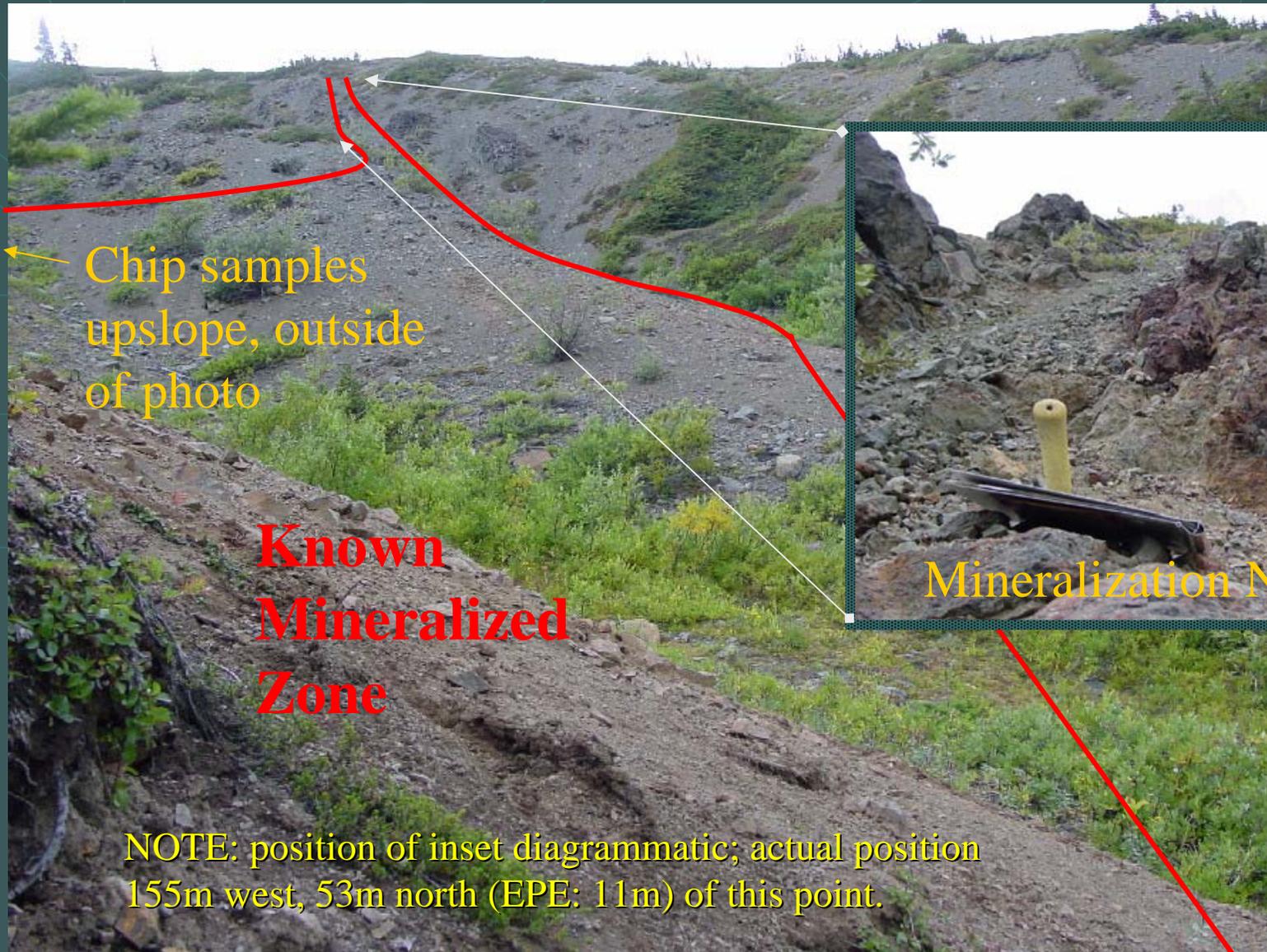


Photo 1: View to S



More sulphide lenses
both up and down slope
of field of view

Photo 2: view to north



Chip samples
upslope, outside
of photo

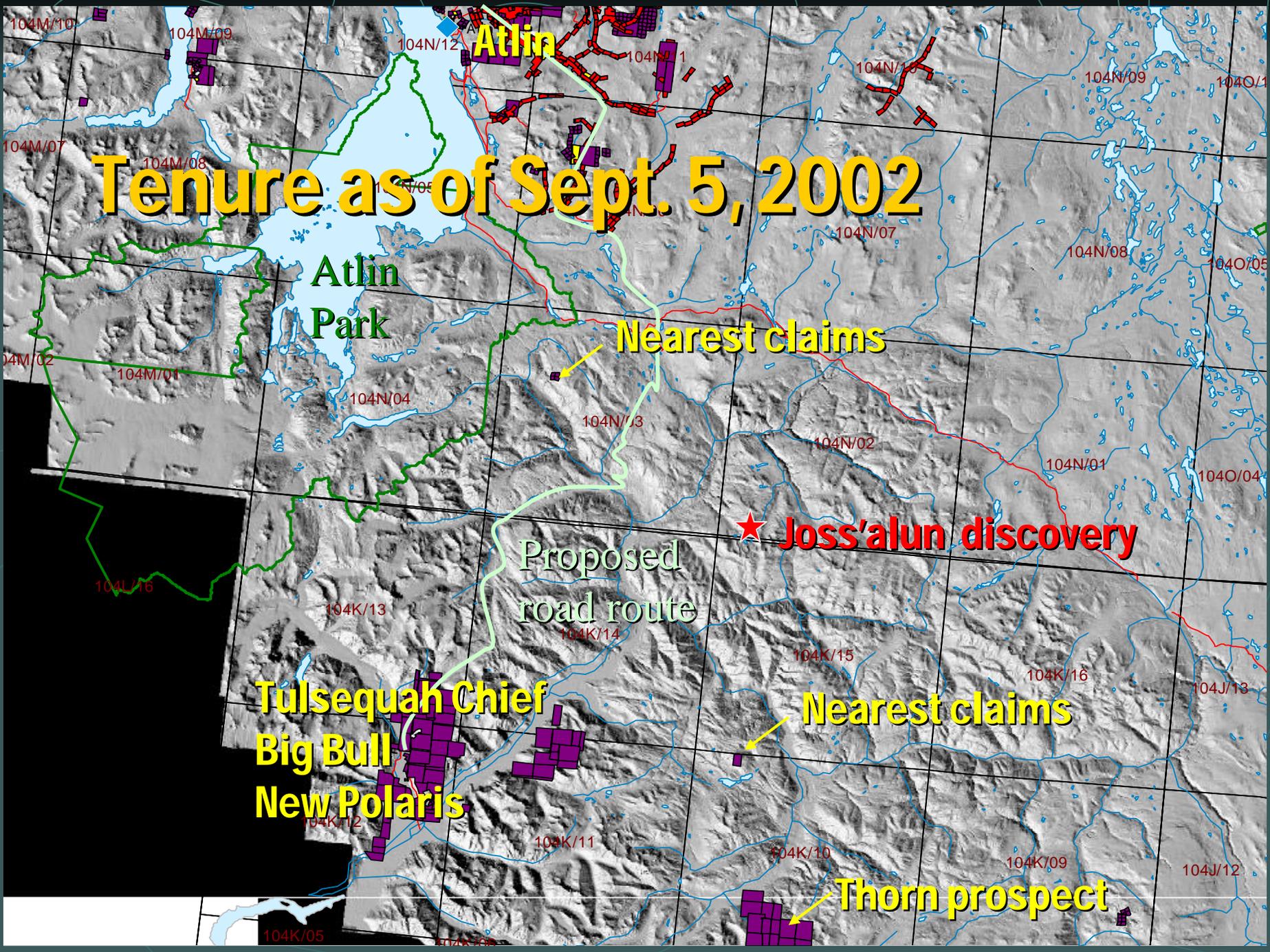
**Known
Mineralized
Zone**

Mineralization N of Creek

NOTE: position of inset diagrammatic; actual position
155m west, 53m north (EPE: 11m) of this point.



**Photo 3:
Discordant
vein in mafic
tuff**



Tenure as of Sept. 5, 2002

Atlin

Atlin
Park

Nearest claims

★ Joss'alun discovery

Proposed
road route

Nearest claims

Tulsequah Chief
Big Bull
New Polaris

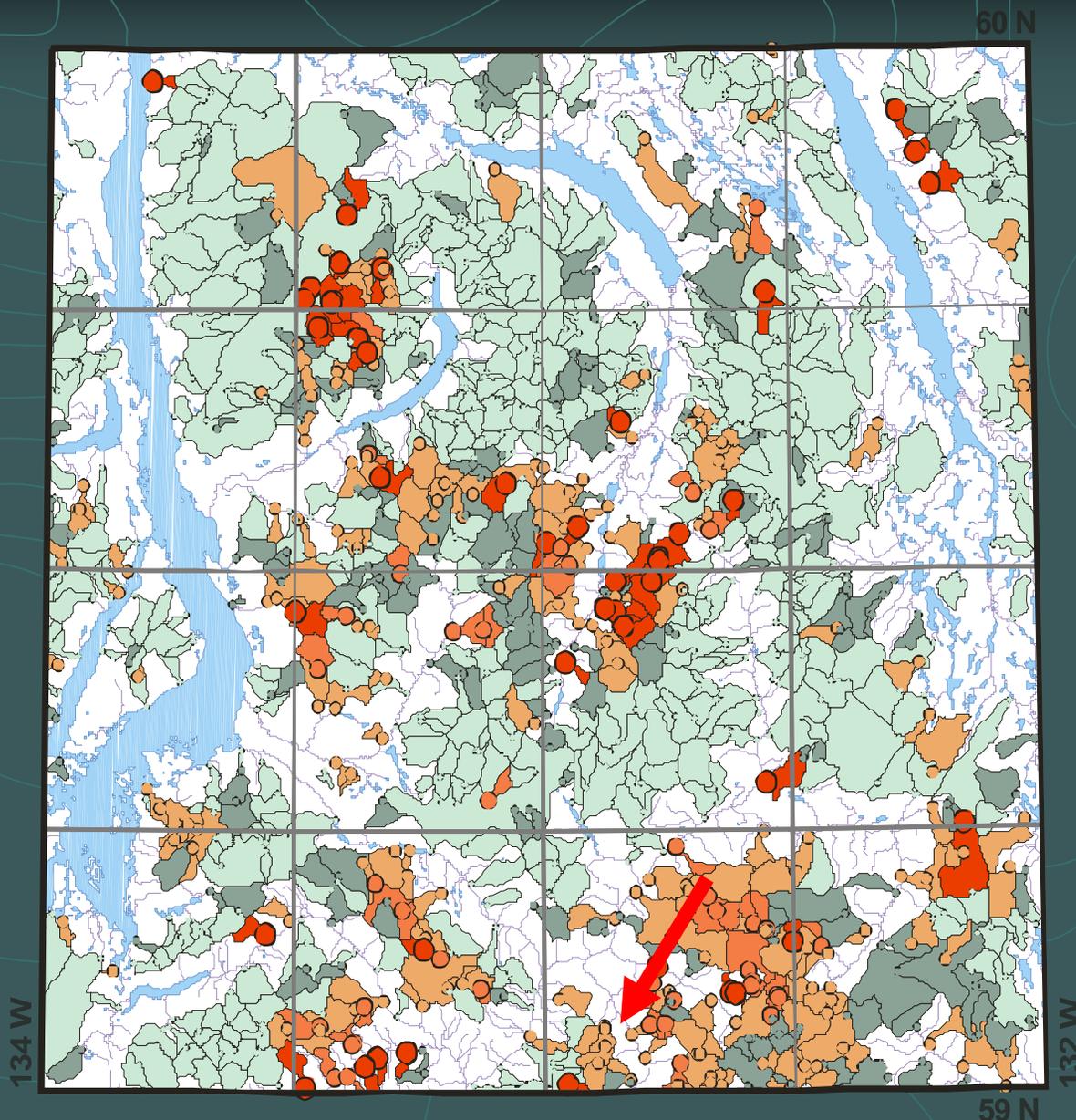
Thorn prospect

RGS Copper

Cu (ppm)
Stream Sediments

| Concentration | Frequency |
|---------------|-----------------|
| 75 to 295 | n = 44 (5.0%) |
| 61 to 74 | n = 40 (4.5%) |
| 41 to 60 | n = 161 (18.3%) |
| 29 to 40 | n = 164 (18.6%) |
| 4 to 28 | n = 471 (53.5%) |

880 Sample Sites



For more information:

- This presentation may be obtained from:
www.em.gov.bc.ca/Mining/Geolsurv/WhatsNew/
- Future releases posted to same site
- Visit us at the Cordilleran Roundup
January 27-30, 2003
- Email: mitch.mihalynuk@gems5.gov.bc.ca
- Phone: (250) 952-0431

