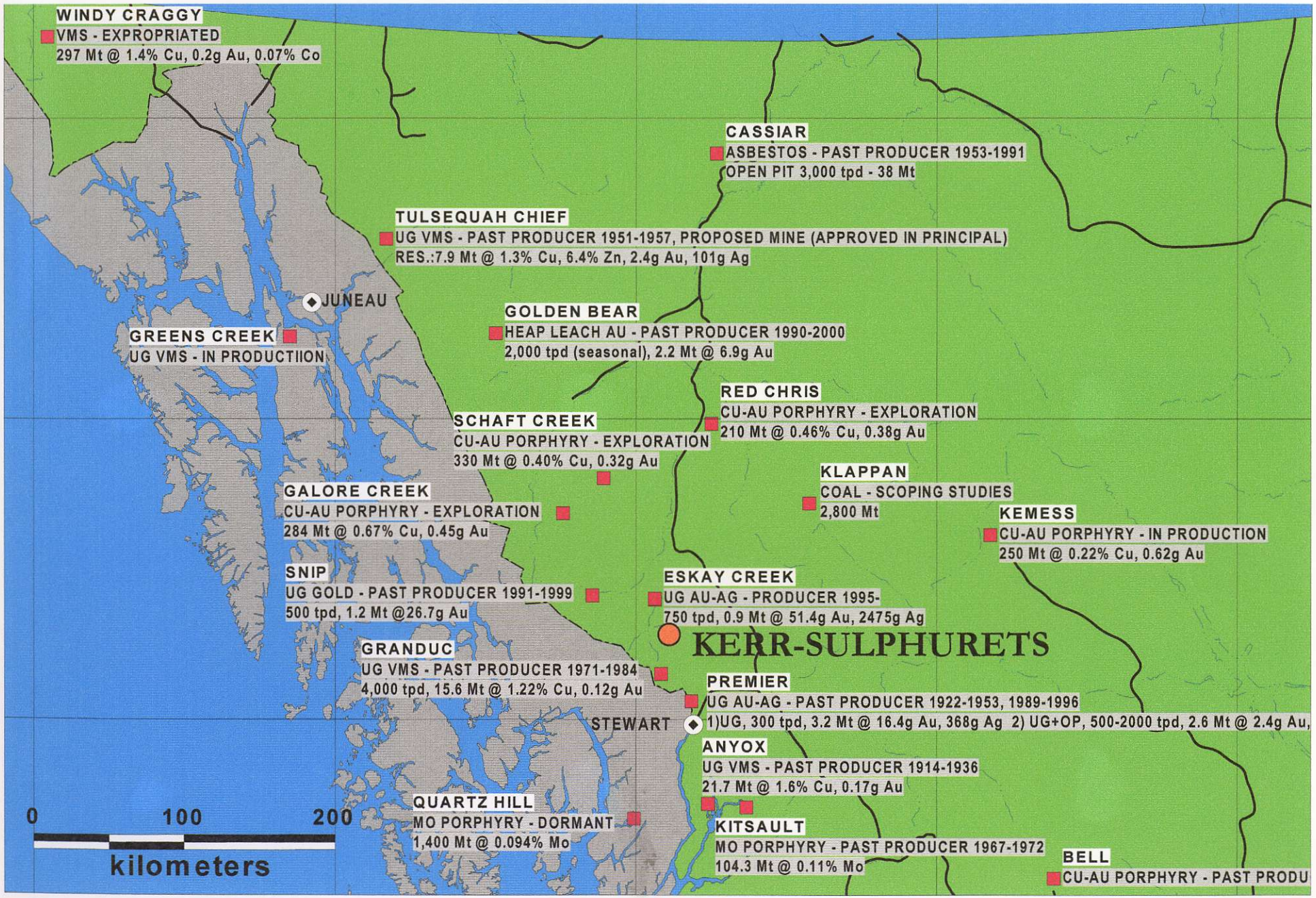
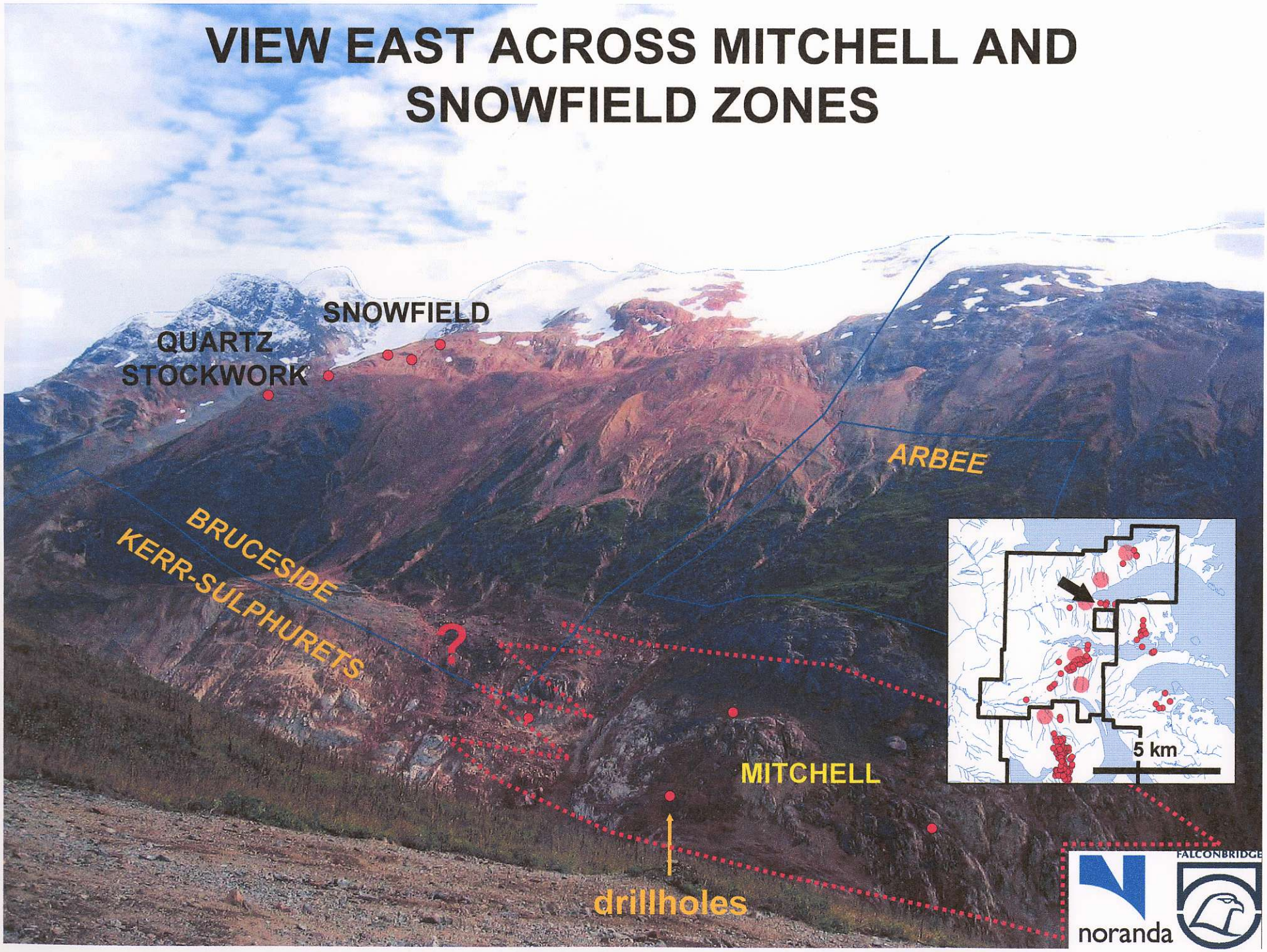
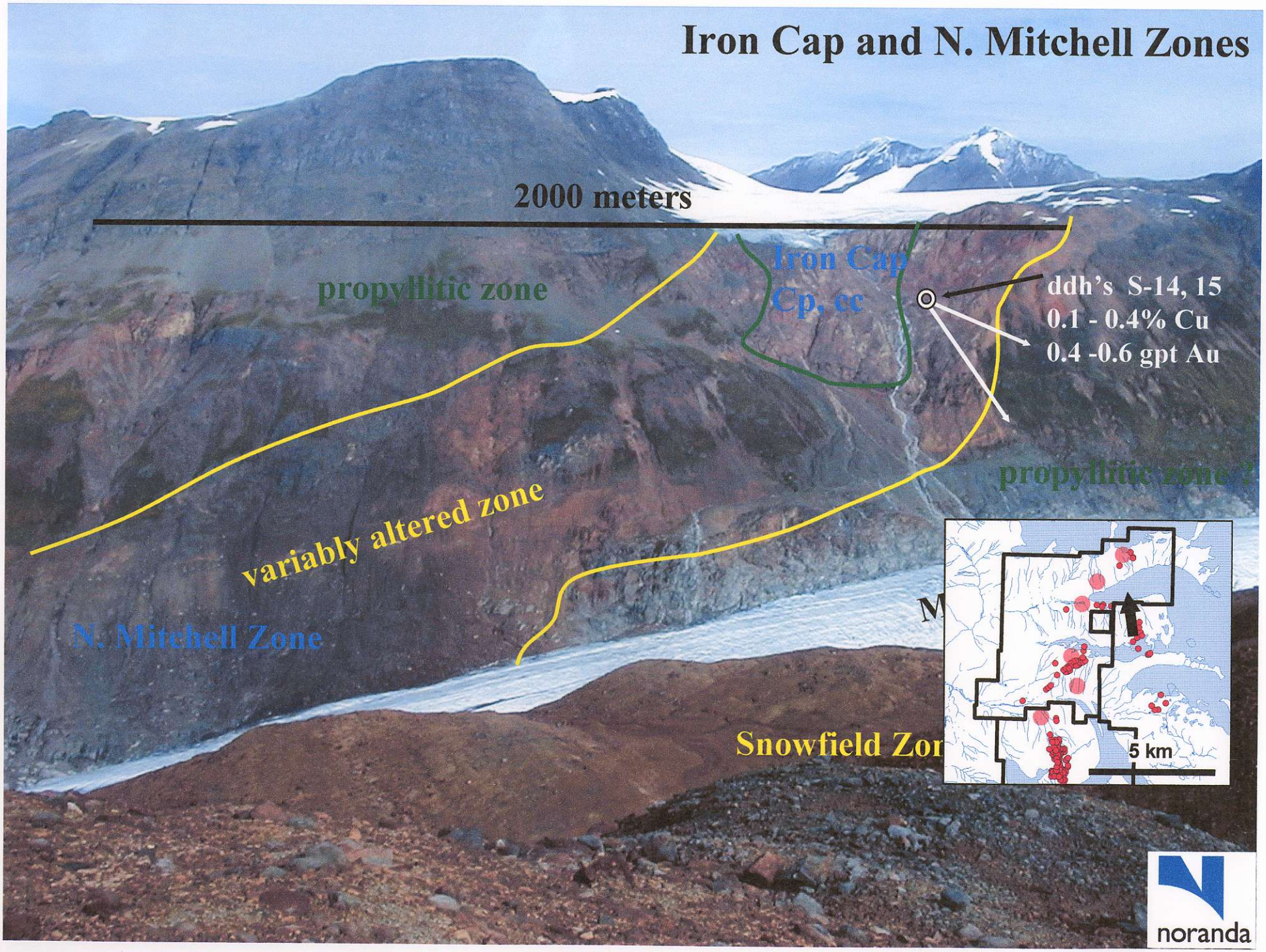
803875

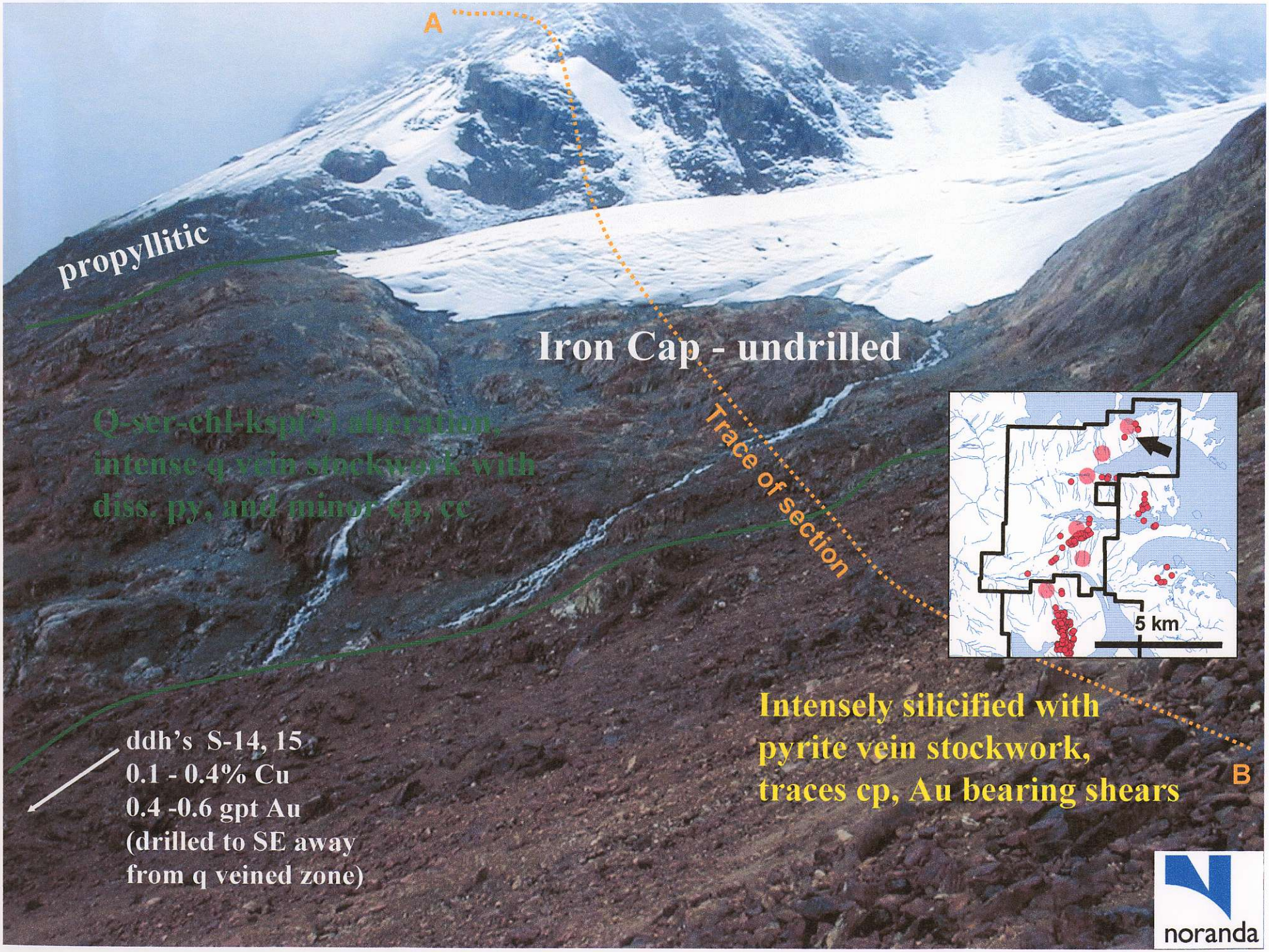
# MINES AND EXPLORATION PROJECTS, NW B.C.



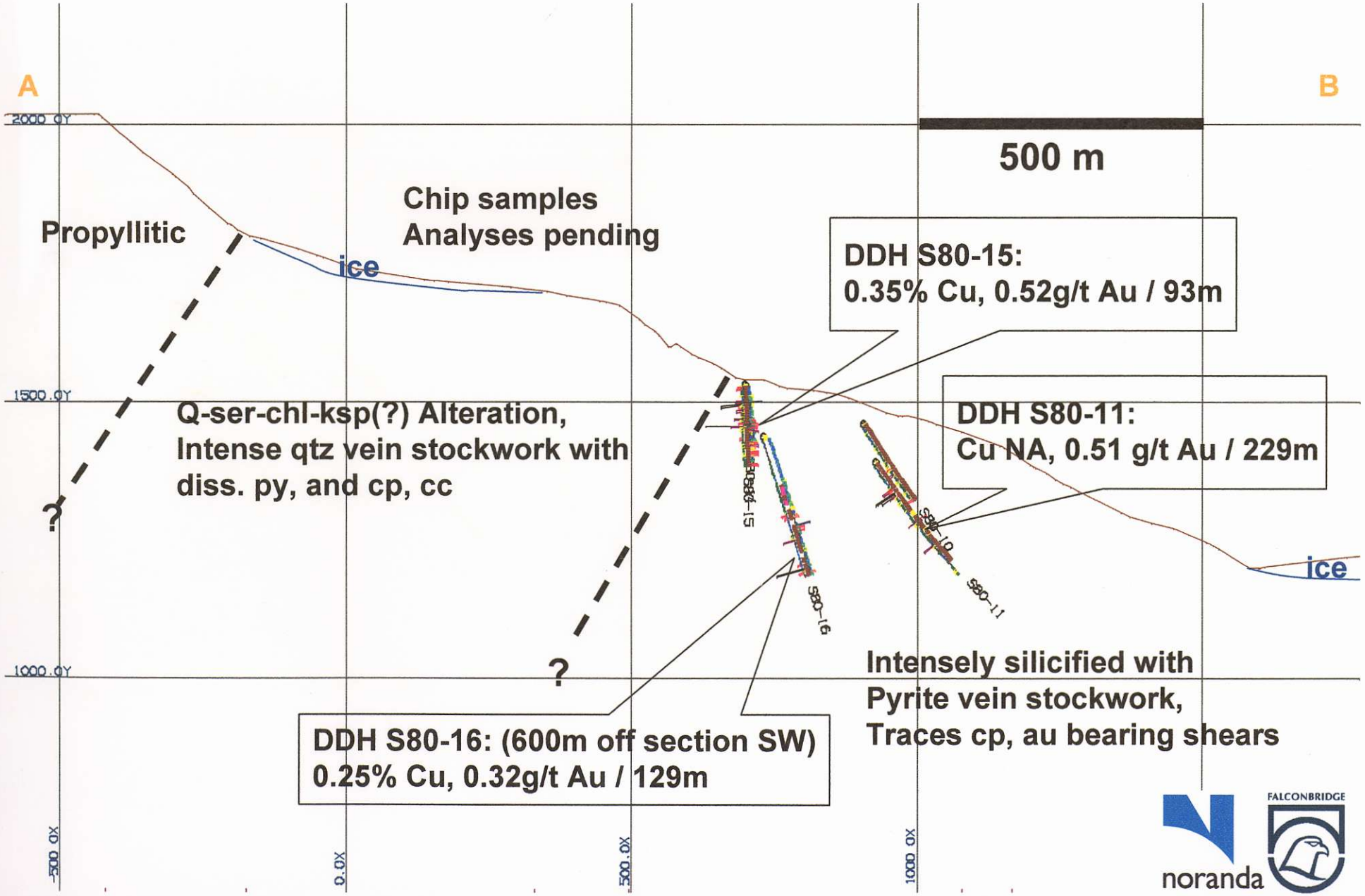
# VIEW EAST ACROSS MITCHELL AND SNOWFIELD ZONES




Iron Cap and N. Mitchell Zones
2000 meters
propyllitic zone
Iron Cap
Cp, cc
ddh's S-14, 15
0.1 - 0.4% Cu
0.4 -0.6 gpt Au
propyllitic zone ?
variably altered zone
N. Mitchell Zone
Snowfield Zon
5 km
noranda

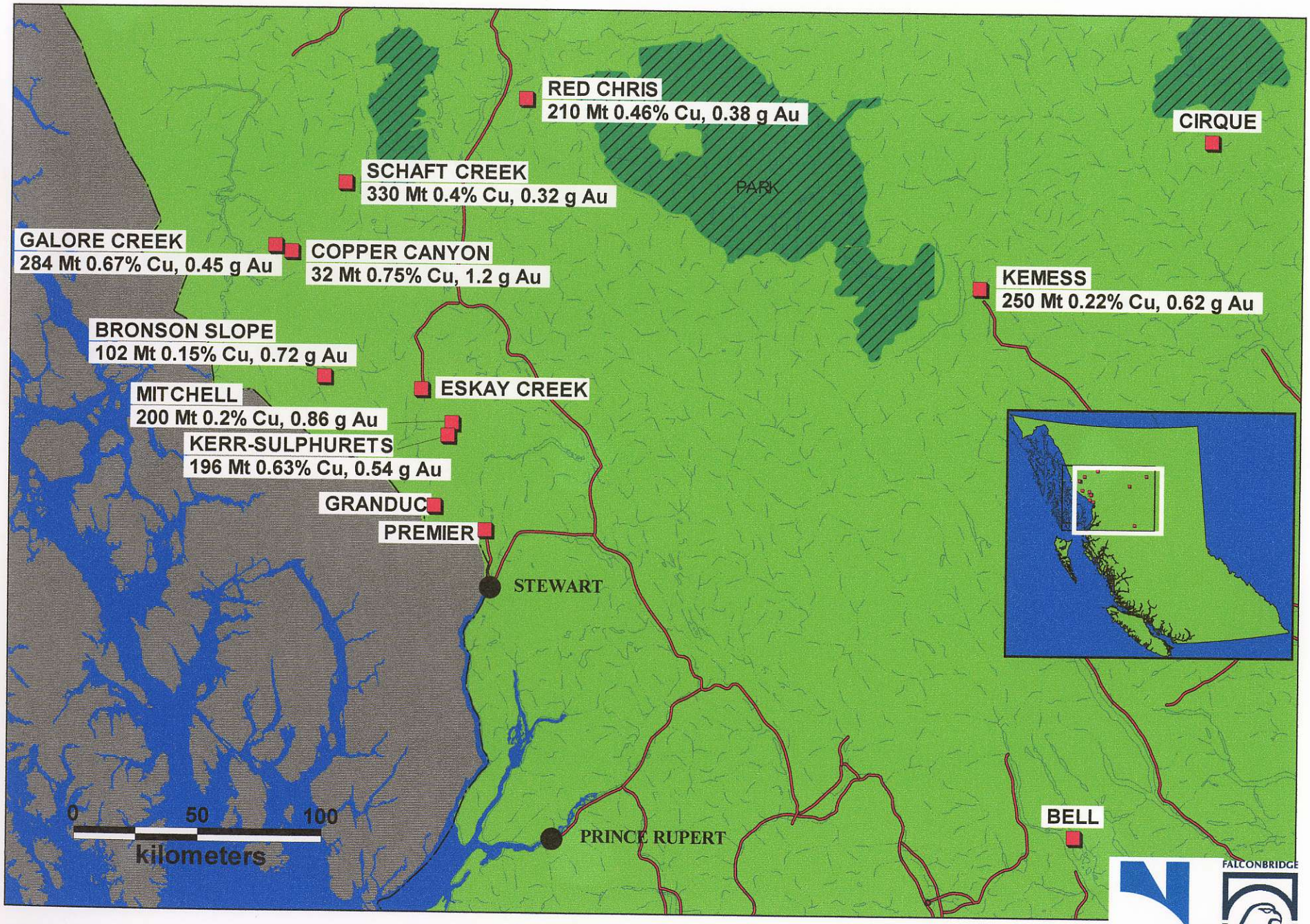

A
propyllitic
Iron Cap - undrilled
Q-ser-chl-ksp(?) alteration,
intense q vein stockwork with
diss. py, and minor cp, cc
Trace of section
5 km
Intensely silicified with
pyrite vein stockwork,
traces cp, Au bearing shears
B
ddh's S-14, 15
0.1 - 0.4% Cu
0.4 -0.6 gpt Au
(drilled to SE away
from q veined zone)
noranda

# VERTICAL SECTION, VIEW TO NORTHEAST
# IRON CAP

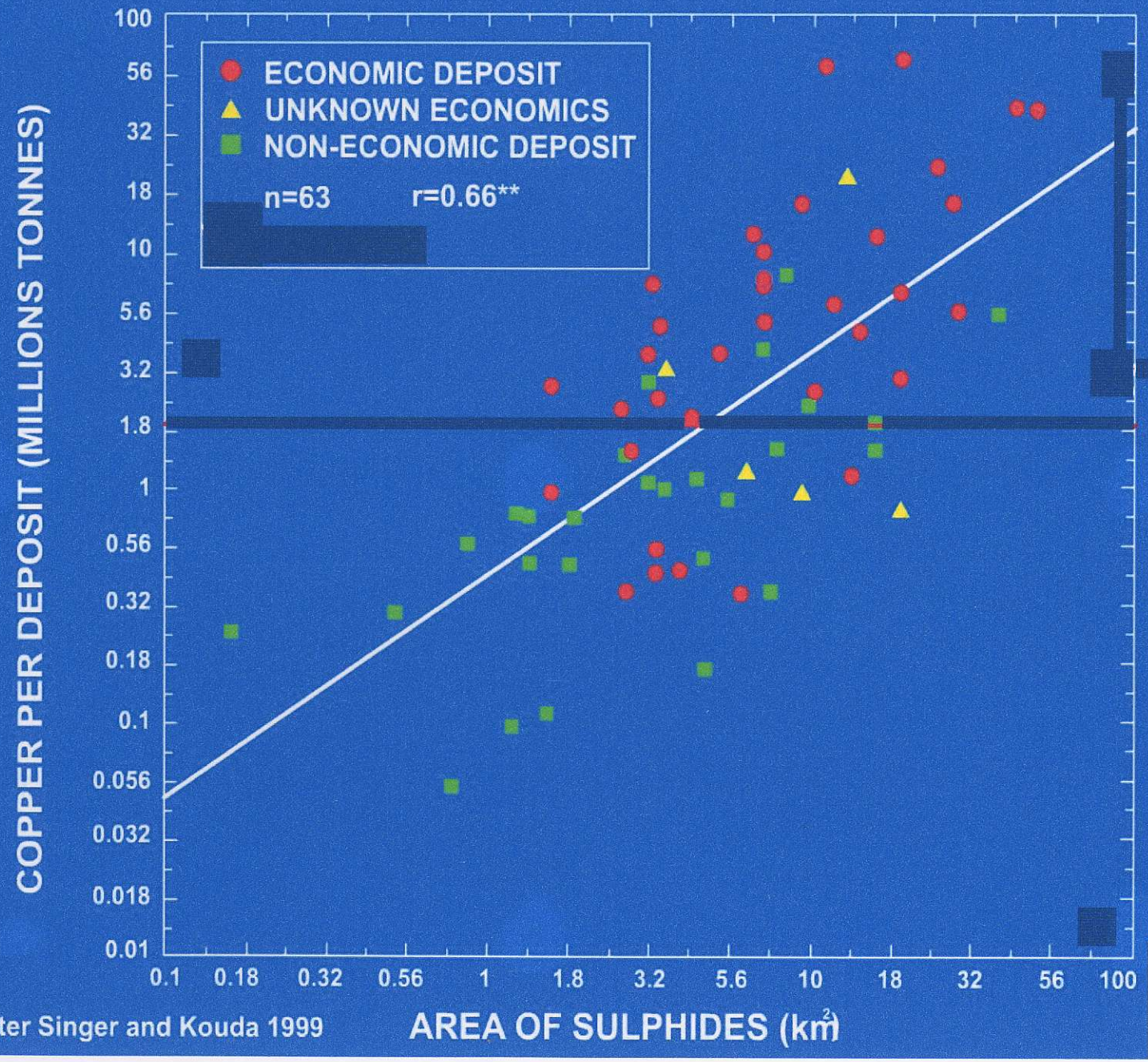



noranda

FALCONBRIDGE


RED CHRIS
210 Mt 0.46% Cu, 0.38 g Au
CIRQUE
SCHAFT CREEK
330 Mt 0.4% Cu, 0.32 g Au
PARK
GALORE CREEK
284 Mt 0.67% Cu, 0.45 g Au
COPPER CANYON
32 Mt 0.75% Cu, 1.2 g Au
KEMESS
250 Mt 0.22% Cu, 0.62 g Au
BRONSON SLOPE
102 Mt 0.15% Cu, 0.72 g Au
ESKAY CREEK
MITCHELL
200 Mt 0.2% Cu, 0.86 g Au
KERR-SULPHURETS
196 Mt 0.63% Cu, 0.54 g Au
GRANDUC
PREMIER
STEWART
0
50
100
kilometers
PRINCE RUPERT
BELL
noranda
FALCONBRIDGE

# Area of Sulphides vs. Contained Copper in Porphyry Copper Deposits




Modified after Singer and Kouda 1999

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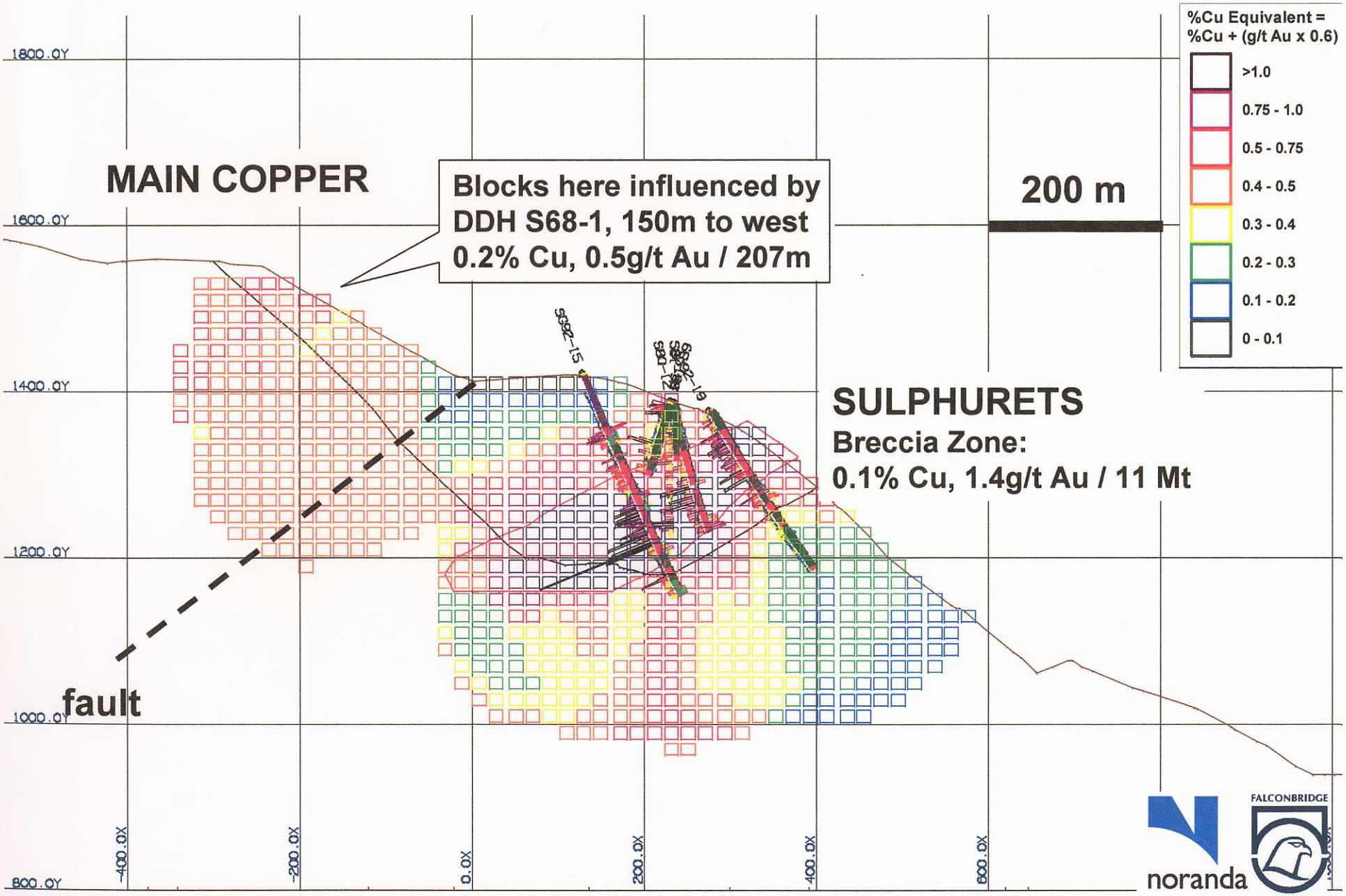
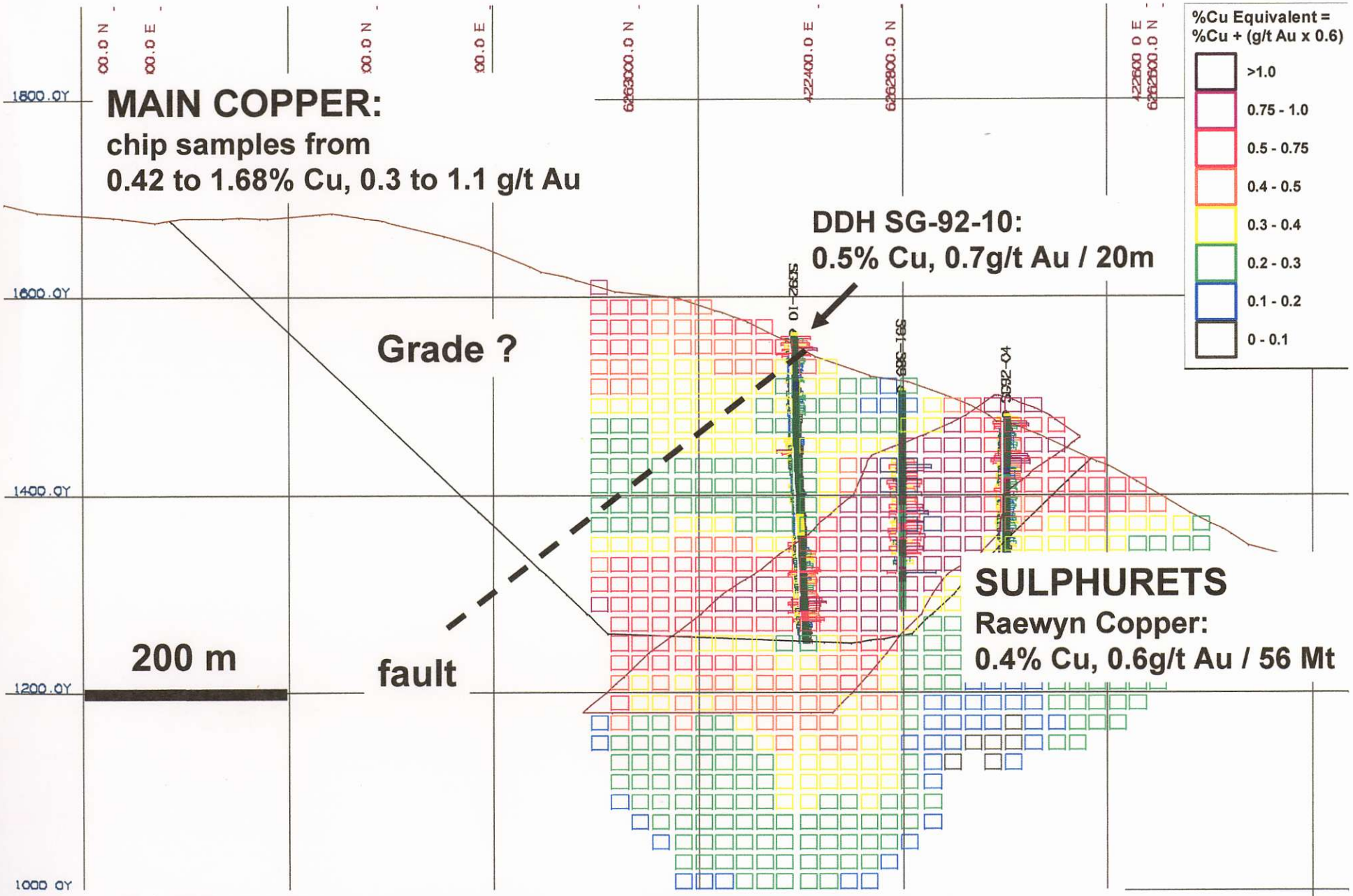
# SECTION 29600N - MAIN COPPER + SULPHURETS






# SECTION 30000N - MAIN COPPER + SULPHURETS

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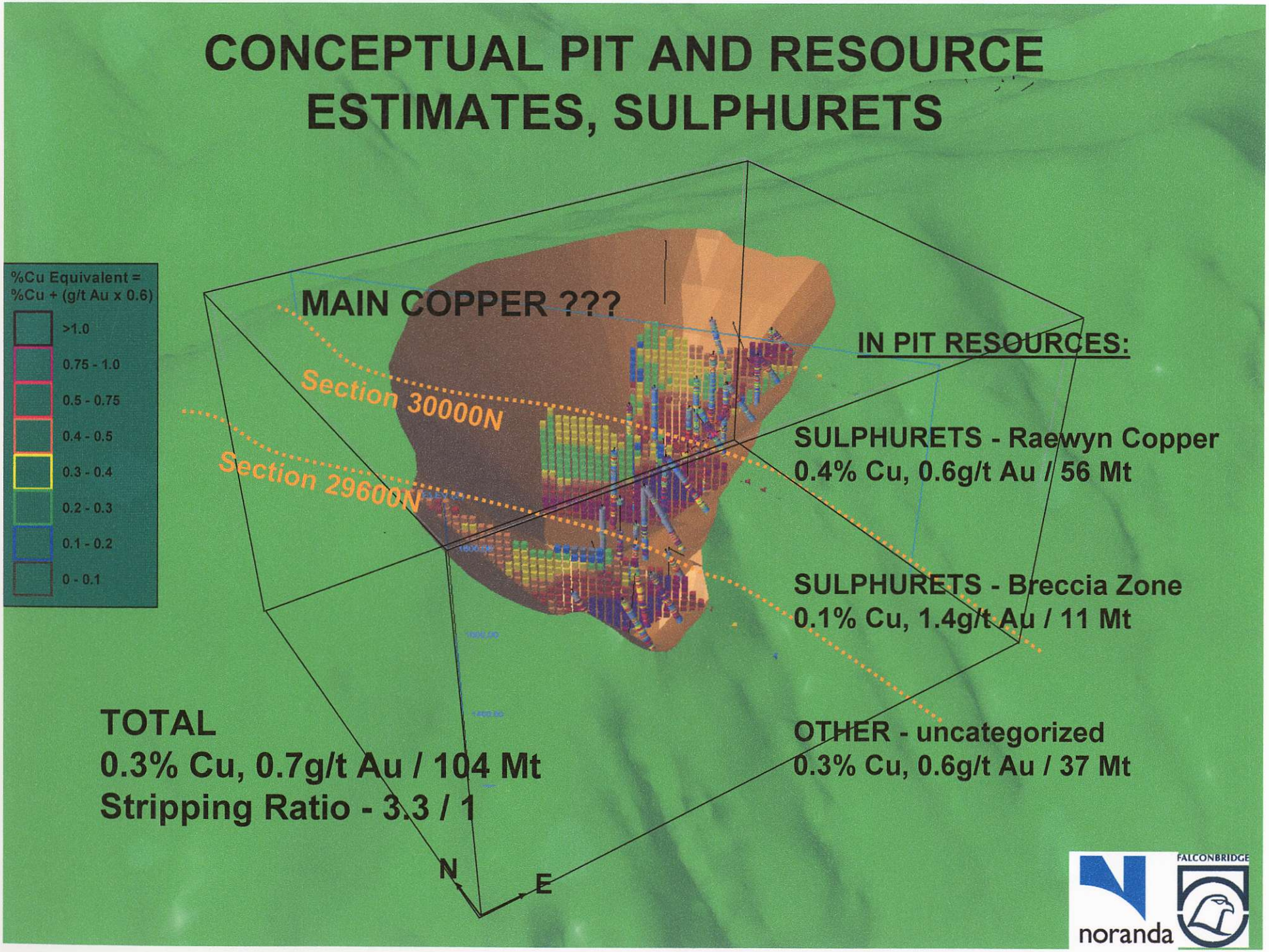
# CONCEPTUAL PIT AND RESOURCE ESTIMATES, SULPHURETS




**IN PIT RESOURCES:**

**SULPHURETS - Raewyn Copper**
**0.4% Cu, 0.6g/t Au / 56 Mt**

**SULPHURETS - Breccia Zone**
**0.1% Cu, 1.4g/t Au / 11 Mt**

**OTHER - uncategorized**
**0.3% Cu, 0.6g/t Au / 37 Mt**

**TOTAL**
**0.3% Cu, 0.7g/t Au / 104 Mt**
**Stripping Ratio - 3.3 / 1**

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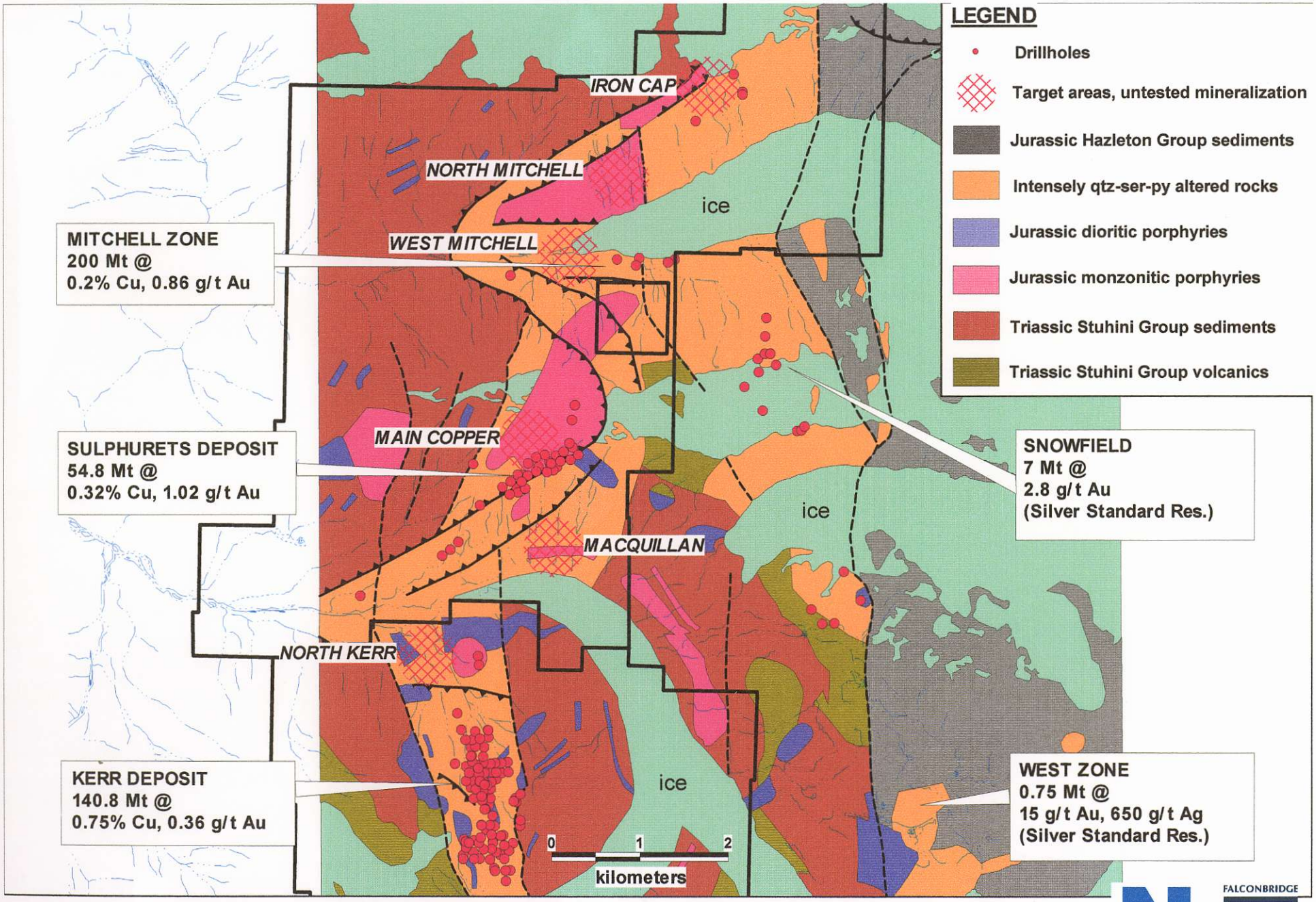


# GEOLOGY, DEPOSITS AND TARGET AREAS

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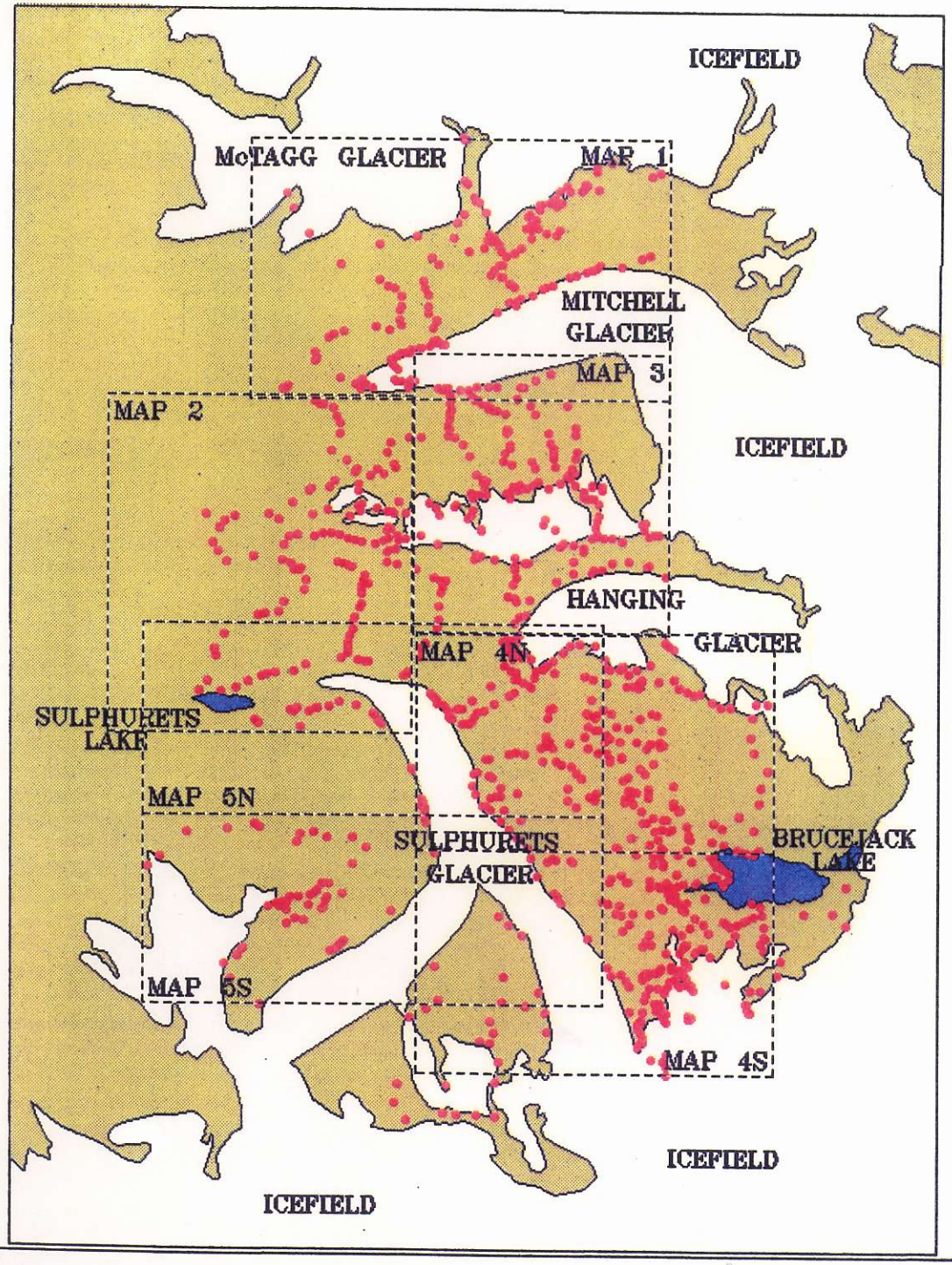
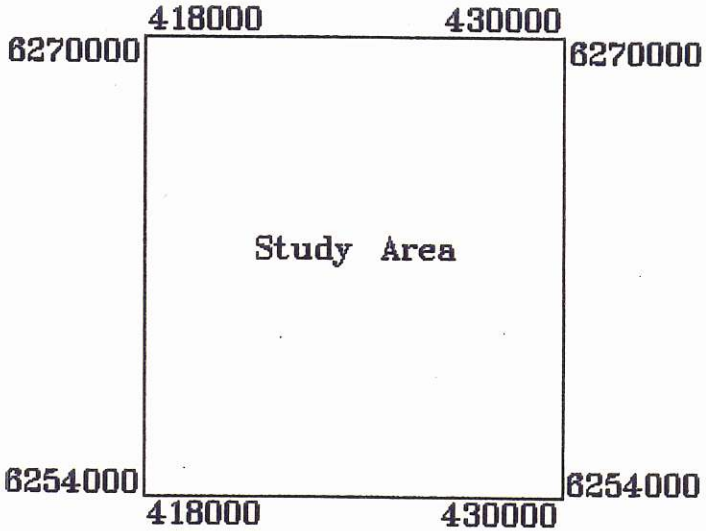
FALCONBRIDGE




# STUDY AREA
## Mitchell Sulphurets GSC Project

1135 Samples




Legend

- Land
- Glacier
- Lakes

2 km