

Cu cliff: intrusive higher by few 100's gammas than limestone or quartzite

Same as Geno claims (400 gammas)

Tracts: define corridor around contact: 400' on each side?

Pendant shape

Plot; deposits/showings/past producers and diff between types of skarns.

Mineral occ outside of city limits in similar geol for possible models.

Industrial minerals potential

Limestone, magnetite in tailings

Talc

Tungsten

Placer

Zeolites?

Gypsum

Asbestos

Ag-base metal veins

Peat

Moly

coal

Apatite in whitehorse batholith?

West contact of sed w dior, potential for skarns also, ex; Jackson Lk

Plot proposed exploration targets

Gold potential

Check out war Eagle

Laberge/coal?

Whitehorse/quartzite contact; correl in regional terminology?

Template sheet for assessment, w list of all min dep models

Geophys. EM works?  
IP + mag for mt skns.

Confidentially

5 dep. reserves still estimated to contain  
 3Mt @ 1% Cu

Where was geochemistry applicable.

1 filtered or didn't get through  
 need to add on map  
 m tables.  
 assess for not for Au also.  
 compensation

**potential for Au**

meinert

skarns produced about 1/4 million oz Au from 11 million tons of ore between 67 and 82

Hureau estimates 10 MT tailings contain 50 000 oz Au ( up to 8 on/t in places)

strong correlation : Ag correl w bn/cc/epidote, Au correl w cp/act

Cu-Ag both in pro and retrograde but highest grades occur in zones of strong retrog alt and sulph introduction

Au restricted to zones of retrograde alteration and sulphide introduction.

Hureau April 1985

Au as free au in Cu-skarns, best in mt-serp skns in central belt

**Arctic chief** best gold grades: 0.5-1 oz/t Au, 1 oz/t Ag for 2% Cu

**Little chief undiluted reserve grade** :04 oz/T Au (1.36g/t), 2.32% Cu, 0.042 on/T ag

estimated 50 000 on Au in 10 MT of tailings

**North Star and Arctic Chief:** potential at depth for large tonnage (>10MT) Cu dep. 1400' for NS, 1500-2000 for AC

**Grafter:** GR-8: 1.29% Cu, 0.026opt (0.89g/t) Au , ,0.38opt (13.24g/t) Ag

N Pueblo and s of copper cliff: low potential (for au?), Between Spring ck + Pueblo still unknown

Mt serp skarns higher in Au, calc-silicate skn lower Au higher Mo

Au higher in central part of belt

The 1987 drilling at Kodiak Cub intersected massive magnetite-serpentinite-bornite skarn that assayed 2.9% Cu, 4.46 g/t Au and 21.3 g/t Ag over 4.63 m.

need 2000' for blast.

Σ Whit bath contact

drawn from map.

→ indicate increased depth to bedrock?

-plot. Lewis Riv Mines pendul.

Black Cub / Grizzly sub 88-89.

B.C. Smith bottom beach not mine,  
Keenan.

w of Valerie : deep hole never hit granite.  
stayed on granite.

below Little Chief: nothing.  
not even evidence of K<sub>2</sub>

and Chief - none.

in shaft of CoC mine.

L.E. Soft fault increased • vt.

N.S. high potential ~~to be done~~  
for uranium development?

A.C.

polys - geophys

corresponds to