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MDRU

Iskut

A) Andrew Cape (Homestake) HAWK - owned by LAe optioned by Homestake

N. of Iskut R. epithermal ver. of s. mineralization

70 km N of Iskut R. drilled ~ 10,000 m

(244) 2m @ 3g/t

in situ sericite-pyrite-carbon alteration underlain by volcs minor seds

U. R. predominantly andesitic, flows, tuffs

submarine flows, near-surface carbonaceous seds, coarse grained abundant wood frags

porphyry related to alteration fault on western margin, cuts diorite

Megacrystic intrusion - steep foliations, brecciation @ top and margins

in alt zone (1000 m exposed) esp sphal pyrite, galena

- conodonts in dirty mudstone

qtz-carbon sphal-galena - pyrite
2 vein sets
17 NE-SW
2) NS-vertical
vert - 45 NE

- sericite-adularia or low sulphate epithermal system with argillic cap (alunite present represented supergene)

Alt zones in contact with flows = decreased alteration intensity

- Argillic altn - clay-qtz - fine gr pyrite intensely silicified reduced carb transition from sericite dominated to clay dominated

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- related to megacrystic porph, argilliz forms rha
around intrusion, evidence of "transition" type
alteration in intrusion.

- Main mineralized zones 200 : 440
related to upper altn zone
- low grade metamism (chlorite)
- age of mmz. L. 2

B) Boland - volc strat. around Estay of deposit
ridges = rhyolite flow domes
(Mappa e McKay Adit area)
Basalts pinch out
andesitic breccia → felsic dykes → dome →
Seds