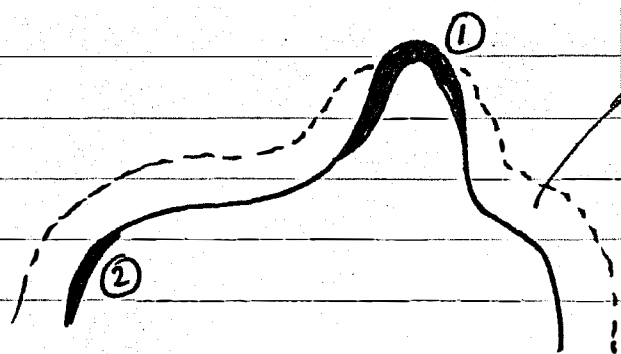


→ CB, JP, LG, LL Cordilleran Roundup - Jan 86

Skarns & p.m. potential - Whitehorse Cu Belt - L. Meinert



Metamorphic aureole

① Shallow skarn, large relative to intrusion & to meta. aureole, more subject to meteoric waters & ∴ to retrograde metamorphism. Higher in Au.

② Deep skarn, small relative to aureole, low Au, & without retrograde metamorphism.

Average skarn (no retrog., no sulphides) — 30ppb Au

Skarn with retrog. metamorphism. — 1380 ppb Au.

Skarn with signif. sulphides — 1580 ppb Au

Skarn with retrog. + S — 1750 ppb Au.

General Conclusion — All best Au in Whitehorse Belt was associated with Cu and is therefore now mined out.

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