

Andrés' Talk 104I60 Dec/77

019836

Kutchu \$700M (perhaps 2x)

intermontane belt

east of where they are expected

- also Sisseton, Goldstream

Rainbow Lakes

- Stikine Arch

SE tip after Terrane

Cassiar X/line Belt to east

We made 2200' airstrip

led to Jade mine (JADEX)

Ore in pods in a pyritic bed
(15 km + long)

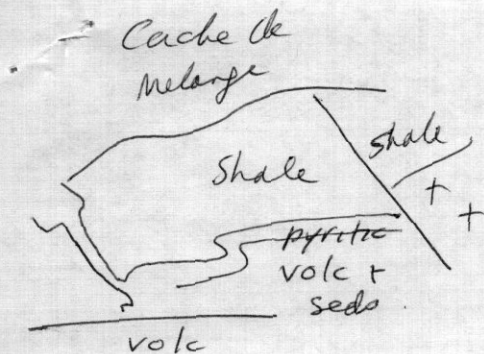
Sumitomo + Imperial Oil

Cache de to N - serp/peridotite
caps on hills

Jurassic → Early K - major fault offsets

Folds - one generation - zone 15 km
wide

Lower greenschist grade



Andre
Kutchko Deposit

near lst/sh bndry + top of volc
pile is pyritic zone

Spilitic basalt, qtz keratopyre + sedo
↓ up
qtz felds schist

w. qtz eyes high in section

up
Rhyolitic, pelitic ^{dol} ~~plg~~ - ser schist

↓
Conglom

Persistent Lst

Shale

All
mesozoic -
not paleozoic as
thought earlier

Southward - cgl disappears, more
sedo also in acidic volc units

Mill rock overlies fq gtz-eye ser.
schist (30_m) which is over ore.

understanding this led to
discovery of second ore zone

gtz-ser-dol cycles repeated
but only the one with assoc "mill
rock" carries ore.

Dolomitic zones below sulphide
horizons is good indicator

more like Besshi than Kuroko deposit
in some ways but not in others

zone traced to Dease Lake but
possibly the belt goes to Carmacks.

Kuroko / Besshi (Kieschlag)