

006838

CJM
1981

Western Mines

Op since 1966
Nitrate mafic volc

Myra Fm Sil → Dev

Lower Perm Lst - Buttle Lk Fm

Sicker

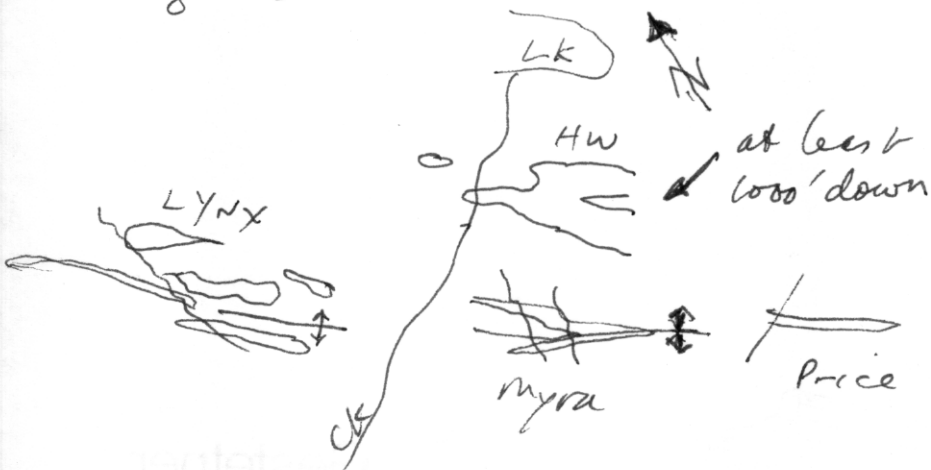
Wangala
accreted
in situ.

Intruded by Island intrusions
Jurassic also

mine plant - Myra valley - in
Strathcona Park

Buttle Lk uplift

ore zones



4 separate mining areas

WESTWARD

Western

ore - MS lensoidal deformed
assoc w. felsic ^{rhyolitic} volcaniclastics

anteclineal axis - SE trend

Lynx - lenses avg 45° N dip
→ 70° N then rolls over to steep
S dipping limb

HW - lower rhy horizon
not conc. w. structure

Lynx - Myra - Price continuity disrupted
by faulting & erosion

Open Pit 1 1/2 M tons was produced

Price - underground work in progress

HW - shaft being sunk
will go down 2800'

Alt. + Rock Types mapped
MS clasts

pyrite stringer zones

sed MS

Black carbonac. sed. - arg/chert

QFP - massive + clastic

chl ser schist - mixed volcanoclastics
- andesite?

Ser schist - from rhy tuff + LT

Rhy - massive + clastic

Green mixed volcanoclastics w. rhy.

" " "

"

no rhy

Dacite (massive)

And + Basalt (massive + clastic)

Maroon arg tuff & volcanoclastics

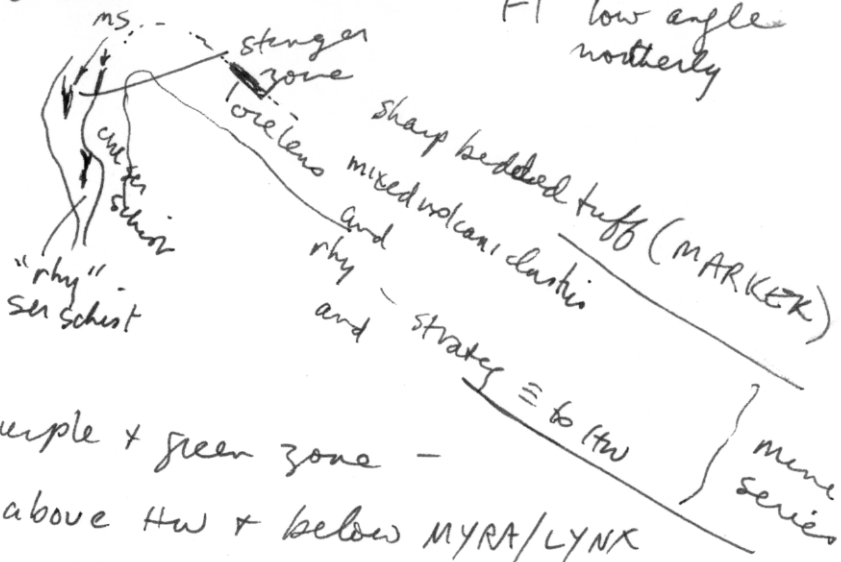
Purple + green mixed volcanoclastics

Bedded tuff, cherty tuff & chert

60+ 05E

Sections

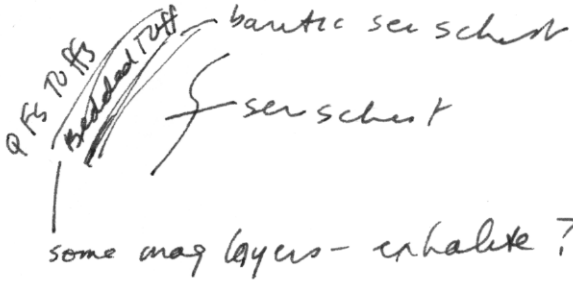
F1 low angle
northerly



Purple + green zone -
above Hw + below MYRA/LYNX

IMPORTANT

Stumper zone highest Cu/Zn
Hydro. center?



Hw copper core → Zn laterally

massive py + Cu → less py more

thickness to 140' zinc @ edge
pelgo
→ top depression