

Endako - June 22/66 - zhr. trip - Ed Kimura
- took 2 photos from SW end of pit
1 to N
N10SE showing mill

Batholith similar to Endako

↑ more basic batholith

Coarse Porphyritic Granitic Rk.

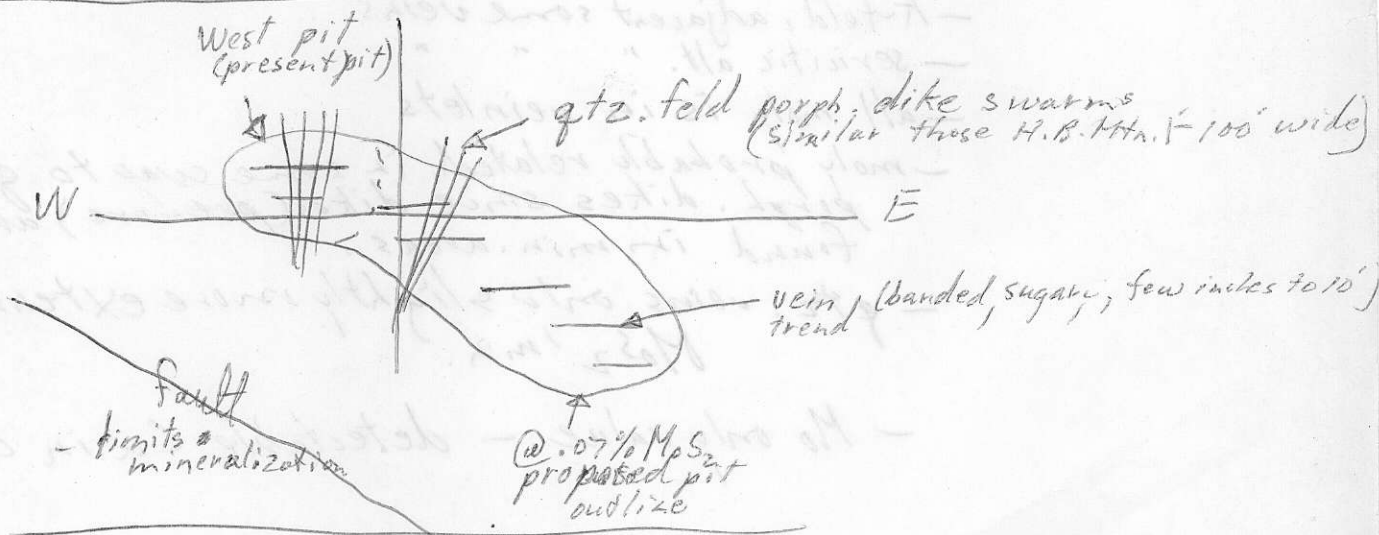
mainly Tertiary Vol.



N1" = 4 miles

mainly Tertiary Vol.

Nithi Mtn.



Cross section

SW

NE

(banded fine) low angle veins cut main steep veins

low grade

stockwork mineralization

0.12% MoS2

- now 15,000 tpd @ .20% MoS_2
- 1968 20,000 tpd
- roasting plant uses oil (not natural gas)
- cut off now .12% MoS_2 gives av. .20% MoS_2 (res. 190,000,000 lbs)
- future possibly .07% MoS_2
- low recovery due to "black gtz." - fine moly in grt.
- orebody dips $\sim 30-50^\circ$ SW - @ surface $\sim 5000'$ long
 $\times 1500'$ wide (.07% MoS_2)
- Endako granite (bio. - U.B.C. - 140 mill yrs. old.)
- gtz. - feld. porph. ^{dikes} found only near moly. min. (also near Nithi Mtn.)

alteration

- kaolinization
- grn. alt. of plag. incipient
- chalk where pervasive
- assoc. largest veins.

- most
- k-feld. adjacent some veins
- sericitic alt. " " "
- all moly is in veinlets
- moly probably related in some way to gtz. - feld. porph. dikes since dikes (pre-ore) are only found in min. areas.
- gtz. veins only slightly more extensive than MoS_2 min.
- No only value - detectable Cu in concentrate