

NEWFOUNDLAND ZINC Mines Nova Scotia

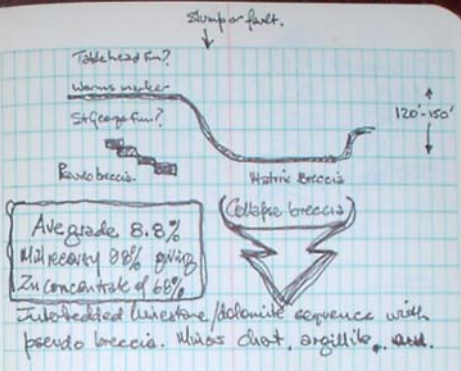
2) Daniel's Harbour - TECK + AMAX.
 Geotechnical survey discovery - soils, rubble.
 Outcrops - mining now to 500'
 Ore zones "stepped" following fractures.
 Ore body developed parallel to strike - take
 slices of best "step" then drive out from
 chert. Room + pillars - long slopes, small crosscuts.
 Solution collapse breccia - Tabletop Fur breaks,
 ore zone within underlying Fur, probably the
 St. George.
 Fracture system steps down through stratigraphy.

Worms marker discontinuity - contact? Worm burrows
 infilled. Ore lies below this marker.

Ore body strikes east-west, slightly concave to
 south, mined from east

Step out drilling 100' spacing, 400-500' lines.

Very wet mines - very high pumping costs
 21,000 vs. gallons/minute. Sumps 200' x 40' x 60'
 sucked out after 3 years - 3000 tons @ 9% Zn.



12' x 9' minimum mining width / height drawing @ 8 1/2%.

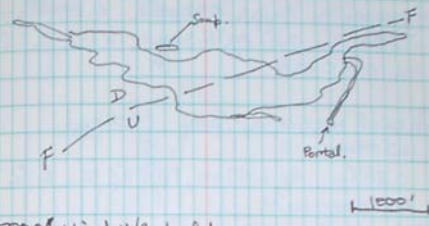
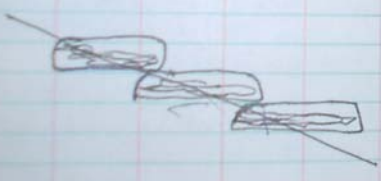
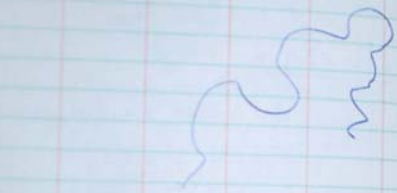
20' x 25' pillars, 35' wide slopes at start 5' x 5' rocklets
 20' x 20 " 40 " " presently 7' x 7' - -
 30-ton truck capacity

Minor fluorite - barite, pyrite in one zone,
 some marcasite

Operating costs \$17 ton (Mine, mill, market)
 3 shifts per day.
 No smelter penalty.

	Zn
0.03 mm @	11.2%
3.4 MM	10.2%
1.5 MM	9.2%

1500 tons per day.



7000' mined U/G to date

