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Item 11

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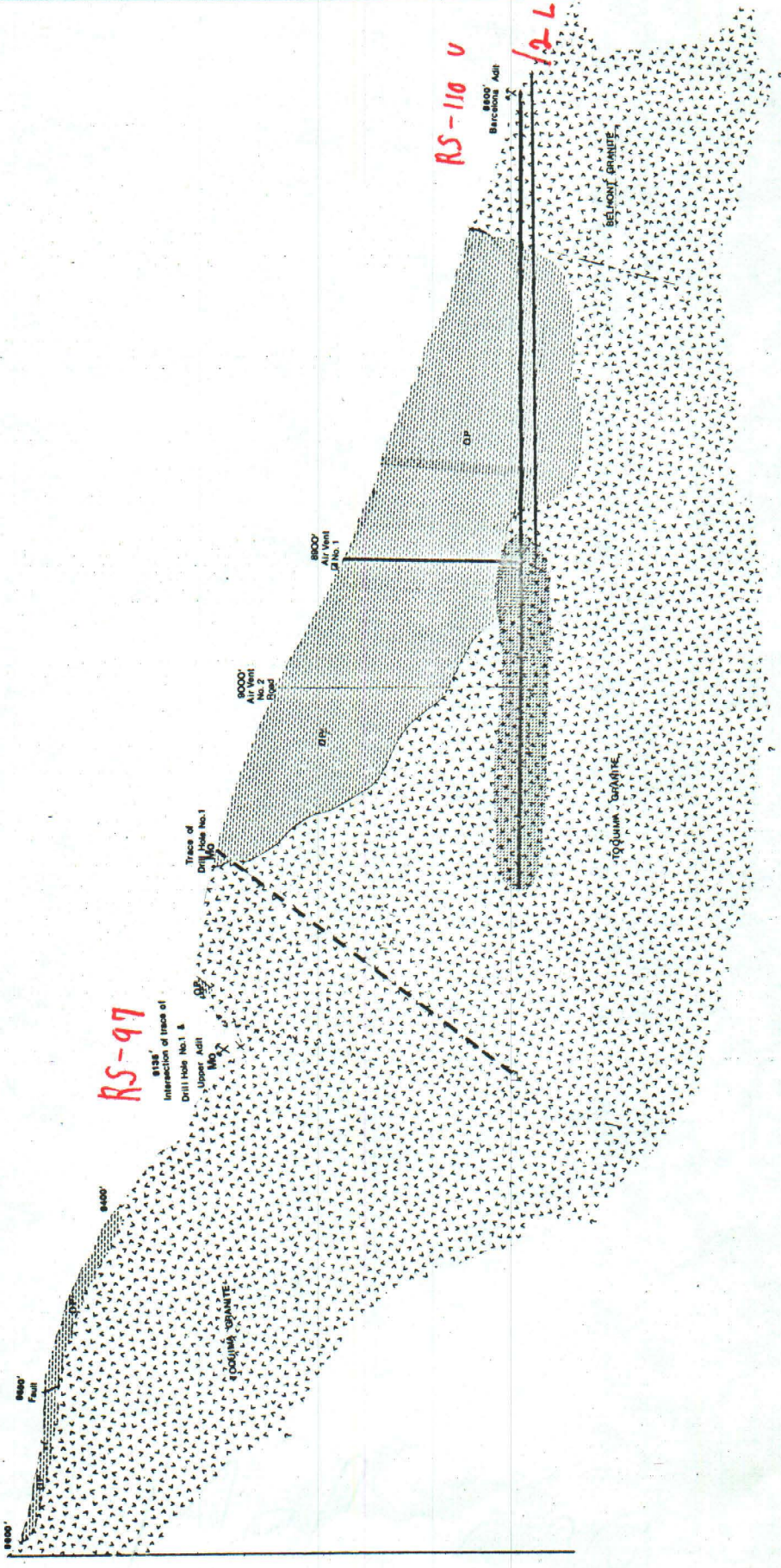
A'

SSE

A

NW

9700' -
9600' -
9500' -
9400' -
9300' -
9200' -
9100' -
9000' -
8900' -
8800' -
8700' -
8600' -
8500' -
8400' -
8300' -
8200' -
8100' -
8000' -



CROSS - SECTION
A to A'

Mo - Known Molybdenum Mineralization
Indicated Molybdenum Mineralization

SCALE: 1" = 100' VERTICAL & HORIZONTAL

Scale: 1" = 320 feet

RS-110 - Barcelona Adit (UPPER)

rock type: sericitically altered rock

veins: none

mineralogy

65 sericite - muscovite fine to rarely medium grained
anhedral flaky masses; elongated, rectangular sericite
aggregates after feldspar crystals

33 quartz - fine to medium grained, anhedral grains; in
part alteration product and in part remnant of pre-
alteration

1 pyrite - fine grained, euhedral to anhedral, crystals;
disseminated in sericitized zone

∠1 zircon - fine grained, accessory; probably unaltered
remnant

∠1 leucoxene - fine grained, scattered opaque

texture: xenomorphic aggregate of alteration minerals

alteration: sericitic, degree strong; extensive alteration
to quartz and sericite; traces of pyrite associated
with alteration

rock type: weakly altered granite

veins: none

mineralogy

- 20 quartz - fine grained, anhedral crystals; local graphic intergrowths; very fine grained, anhedral zones; late stage replacement products; locally an alteration product
- 13 plagioclase - fine to medium grained subhedral, lath shaped, altered crystals; altered to sericite, quartz, carbonate
- 50 K-feldspar - fine to medium grained, subhedral to anhedral; graphic intergrowths; locally perthitic; some microcline twinning; slight alteration to sericite and quartz; compositional zoning
- 1 zircon, apatite - fine grained, accessory minerals
- 5 biotite - fine grained, subhedral crystals; pleochroic light green to brown; altered to chlorite
- ∠1 chlorite - fine grained, local anhedral alteration of biotite
- 10 sericite - fine grained, anhedral flakes; alteration of plagioclase and biotite?
- ∠1 carbonate - fine grained, anhedral disseminated alteration of plagioclase
- ∠1 magnetite - fine grained, euhedral magmatic crystals
- ∠1 sphene - fine grained, accessory mineral

texture: weakly porphyritic quartz, plagioclase, and K-feldspar in a xenomorphic matrix; micrographic micromyrmekitic and micropethitic intergrowths

alteration: sericitization and chloritization, degree weak; sericitization most intense alteration type; plagioclase altered to sericite quartz and carbonate; chloritization very poorly developed; biotite locally altered to chlorite and muscovite

there is much evidence of late stage magmatic or deuteric reorganization as indicated by the graphic replacements, etc.

RS-116 - Woodtick Prospect

rock type: sericitized granite?

veins: none

mineralogy

- 38 quartz - fine to medium grained, anhedral crystals; partly an alteration product; locally clouded
- 60 sericite - muscovite - fine to medium grained, anhedral flaky masses to subhedral grains; locally greenish color; alteration product of feldspar and mafics
- ∠1 zircon - fine grained, accessory mineral
- ∠1 apatite - fine grained accessory mineral
- ∠1 rutile - fine grained prismatic blades; alteration product of mafic minerals
- ∠1 leucoxene - Fe-Ti oxides; opaque
- 1 K-feldspar - fine grained, anhedral crystals remnant grains; mostly altered to sericite and quartz

texture: xenomorphic aggregate of alteration minerals

alteration: sericitic, degree strong; thorough alteration of feldspars and mafics to sericite and quartz; the darker muscovite masses may be alteration of mafics; some sericite aggregates have a tabular shape, suggesting replacement of feldspar