

LEGEND

DEVONO-CARBONIFEROUS

DCImuz LEUCOMONZOGRANITE: fine to medium grained, moderately equigranular to porphyritic; contains 4-7% biotite and 2-4% muscovite, rare cordierite

DCImDL DAVIS LAKE LEUCOMONZOGRANITE: medium to coarse grained with abundant K-feldspar megacrysts; contains biotite, trace -2% muscovite and trace -2% cordierite

DCmgTL TOBETIC LAKE MONZOGRANITE: medium to coarse grained, megacrystic texture, contains 16% biotite and 2% muscovite

DCgdlRL ROSEWAY LAKE GRANODIORITE: medium grained equigranular to slightly porphyritic, contains 16-18% biotite and 1-1.5% muscovite, numerous metasedimentary xenoliths

CAMBRO-ORDOVICIAN

COImBM BALD MOUNTAIN PLUTON: medium grained equigranular with well developed foliation, contains 5% biotite and 9% muscovite

COH HALIFAX FORMATION: finely laminated, black-dark grey slates and siltstones

COG GOLDENVILLE FORMATION: greenish-grey to light-grey metawackes, argillite and minor interbedded slates

SYMBOLS

Granite boulder ▼

Siliceous breccia boulder (pyritic) PY ▲

Slate boulder ◊

Calc-silicate boulder □

Analyses by BP/Seico (1988) on rock sample, rock type as indicated; Au(ppb); As, Cu, Pb + Zn(ppm) ▲ Au | As | Cu | Pb | Zn

Semi-quantitative analyses by Billiton (1983) on rock sample, rock type as indicated; all analyses in percent ▲ 3-10% Pb

Analyses by BP/Seico (1988) on till sample (-230 fraction); Au(ppb), As, Cu, Pb, + Zn(ppm) ▲ Au | As | Cu | Pb | Zn

Analyses by Billiton Canada (1983) for Sn, W, Cu, Pb, Zn, -10+100 H.M.C. fraction of till, analyses in ppm; and weighted; Au and As analyses by BP/Seico (1987) on -100 fraction of same till samples, Au(ppb) + As(ppm) ○ Sn | W | Cu | Pb | Zn | Au | As

Analyses by NSDME (1990) on -50+230 H.M.C. fraction of till, analyses in ppm and weighted ▲ Sn

Analyses by Shell Canada (1978) on -10+100 H.M.C. fraction of till, all analyses in ppm and unweighted □ Sn | W | Cu | Zn

Analyses by Shell Canada (1977) on -10+100 fraction of whole till, all analyses in ppm ○ Sn

1st order till anomaly bolded values

2nd order till anomaly italicized values

Analyses by NSDME (1990) on -230 fraction of till for gold (ppb) 18

Geological boundary (defined by airborne gradiometer) I.S.

Insufficient material for analyses I.S.

Geological boundary (defined by radiometrics) I.S.

Conductor axis (airborne EM survey) I.S.

Glacial striation I.S.

Tobetic Fault Zone I.S.

Strike and dip of pegmatite dyke 50° pegm

Joint I.S.

Ground VLF anomaly I.S.

Ground IP anomaly I.S.

Outcrop X

py pyrite

hem hematite

gal galena

qtz quartz vein

tr tourmaline

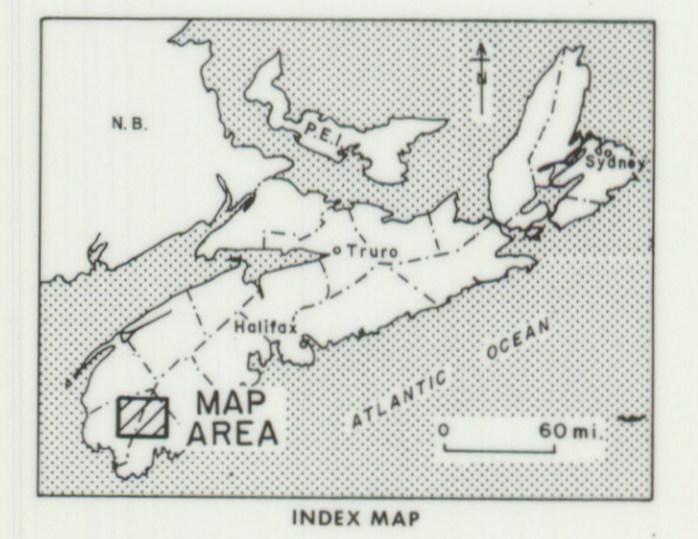
asp arsenopyrite

bar barite

musc muscovite

cpy chalcopyrite

sph sphalerite



Nova Scotia Department of Natural Resources
Mines and Energy Branches
Open File Report 95-003
Compilation Map 1

LITTLE TOBETIC LAKE AREA
SHELburne CO., NOVA SCOTIA

D.R. Duncan and Associates Ltd.

Scale 1: 25 000

1000 500 0 1000 2000
metres

Nova Scotia Department of Natural Resources
Honourable Donald R. Downe, Minister

Halifax, Nova Scotia
1995
Year of mapping, 1994