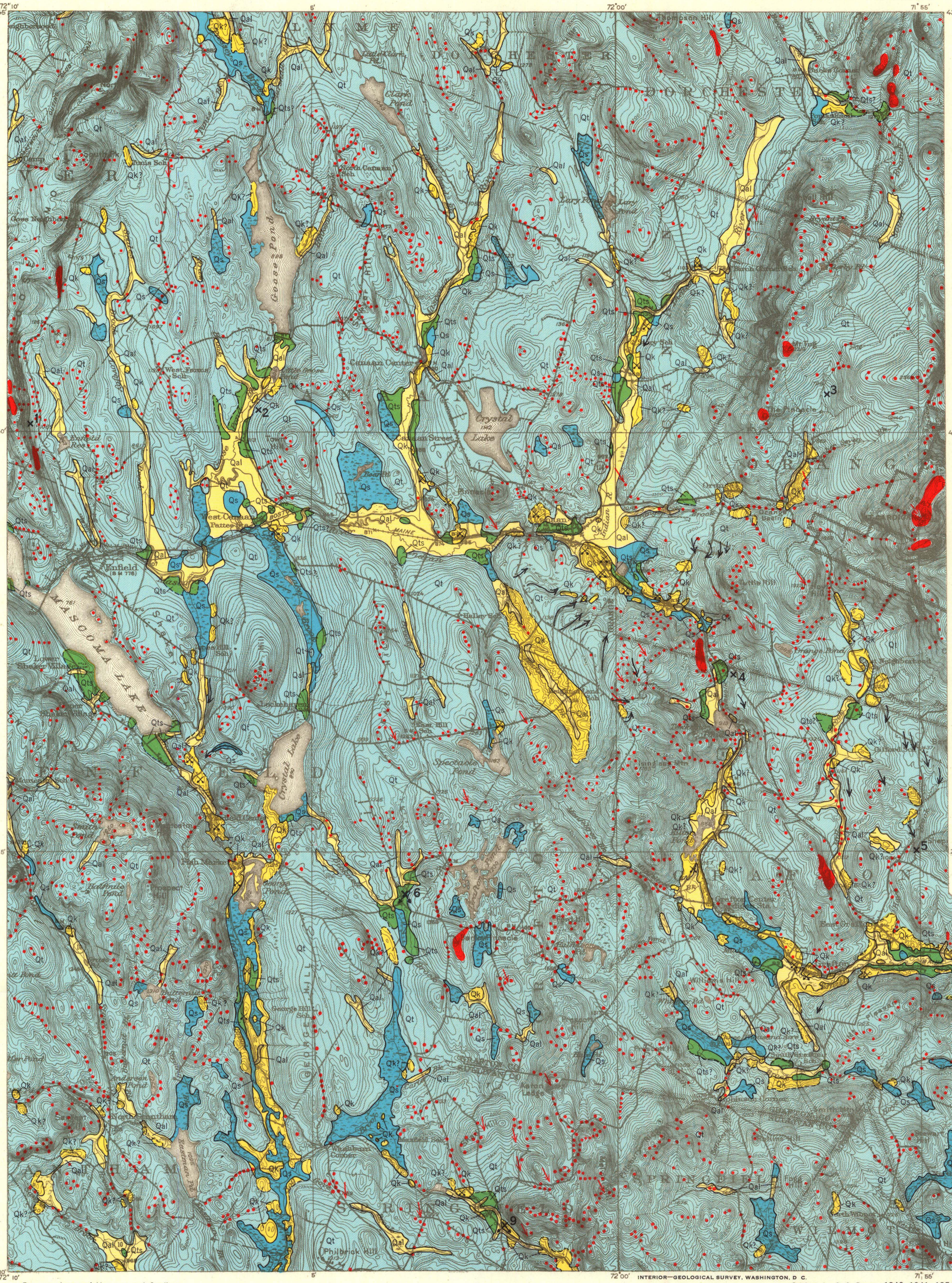



## EXPLANATION

**QUATERNARY**

*Recent*

**Qs** — Swamp deposits
*Chiefly muck and peat, in places overlie Pleistocene deposits*

**Qal** — Alluvium
*Chiefly sand and silt, in places overlie Pleistocene deposits*

*Pleistocene*

Wisconsin stage

**Qts** — Terrace sand
*Coarse to fine sand, locally includes a little pebble gravel. Forms low terraces along streams; includes some low kame terraces*

**Qk** — Kame deposits
*Coarse to fine sand with some pebble gravel; chiefly kame terraces; include a few ice-channel fillings, chiefly coarse sand and gravel; some lacustrine sand overlain by gravel; and some gravelly till*

**Qt** — Till
*Includes small masses of sand and gravel*

*UNCONFORMITY*

**PRE-QUATERNARY**

Known bedrock outcrops

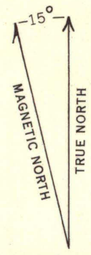
Contact
*Dashed where approximately located*

x7
Localities referred to in text

x
Borrow Pit

Direction of glacial groove or striae
*The point of the arrow is close to or at the point of observation*

Abandoned stream channel
*Presumably used by glacial meltwater, arrow shows assumed direction of streamflow*




APPROXIMATE MEAN DECLINATION 1927

Base map is part of Mascoma and Cardigan quadrangles issued by the U. S. Geological Survey

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.

Geology by C. S. Denny, 1940, 1941, 1954. Bedrock outcrops in Mascoma quadrangle based chiefly on unpublished data from C. A. Chapman; in Cardigan quadrangle based chiefly on unpublished data from K. Fowler-Billings. Swamp deposits and alluvium based in part on soil maps of Grafton and Sullivan Counties, prepared by U. S. Dept. Agriculture. (Latimer and others, 1939; Simmons and others, 1949)

# MAP OF SURFICIAL GEOLOGY OF THE CANAAN AREA, NEW HAMPSHIRE

Scale 1:62,500

1 0 4 Miles

Contour interval 20 feet
*Datum is mean sea level*