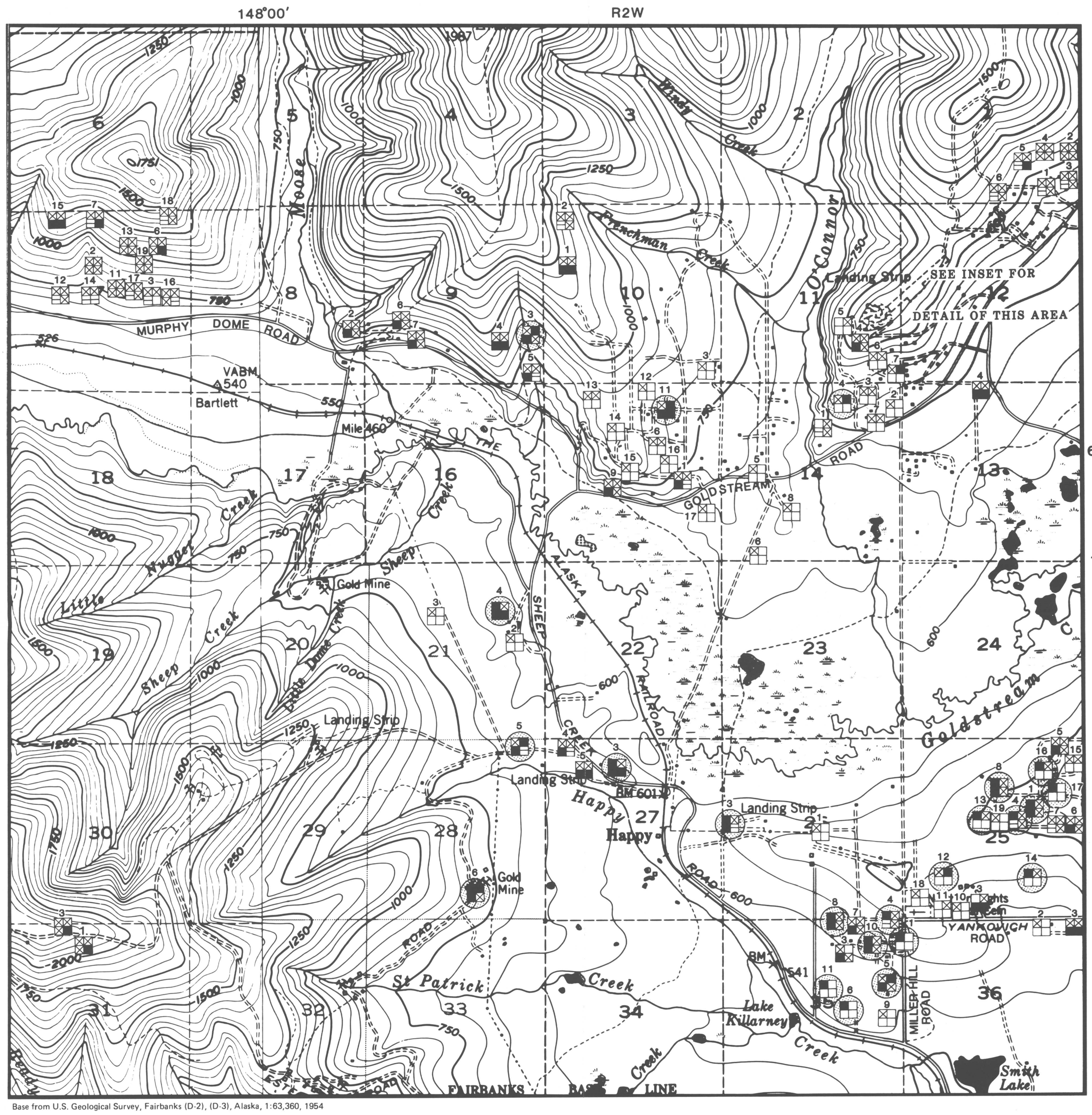
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
FAIRBANKS NORTH STAR BOROUGH

OPEN-FILE REPORT 85-341

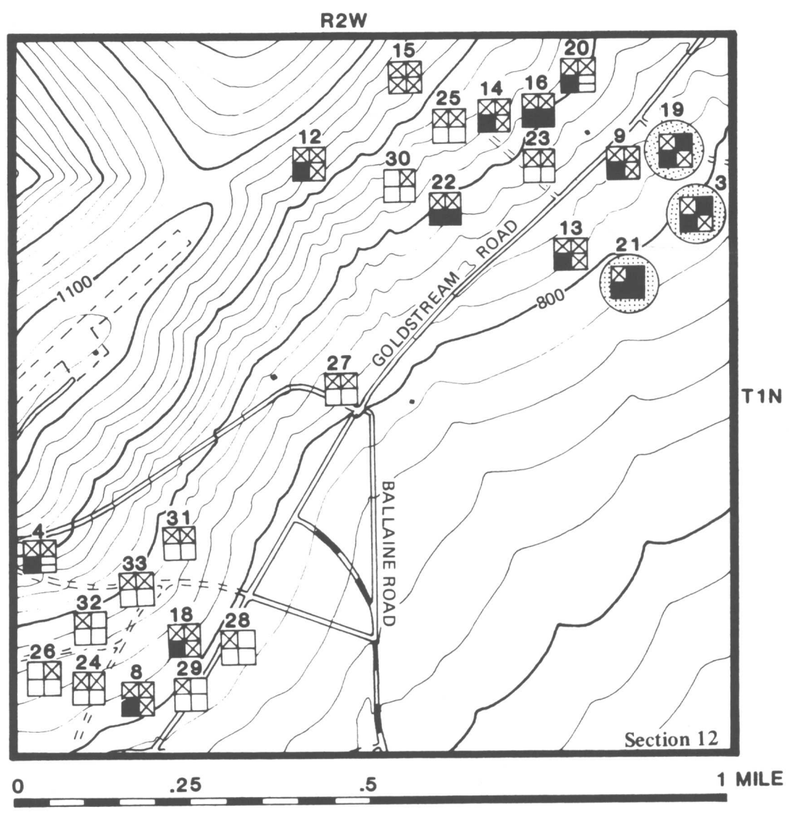


Base from U.S. Geological Survey, Fairbanks (D-2), (D-3), Alaska, 1:63,360, 1954

1 ½ 0 1 MILE

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 50 FEET
DOTTED LINES REPRESENT 25-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929



CONTOUR INTERVAL 20 FEET

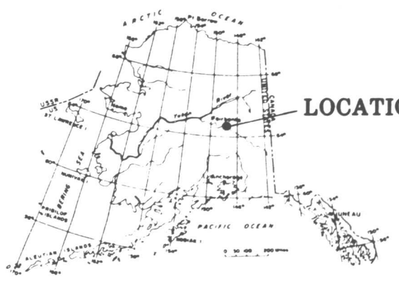
EXPLANATION

Arsenic — Hardness — 14 — Nitrate — Iron

Map number assigned within each section
(See table of chemical analyses)

Value Symbol				
Arsenic	<50 µg/L	— — —	≥50 µg/L	No analysis
Nitrate	<10 mg/L	— — —	≥10 mg/L	No analysis
Iron	<1 mg/L	1-3 mg/L	> 3 mg/L	No analysis
Hardness	<100 mg/L	100-200 mg/L	>200 mg/L	No analysis

Well with arsenic or nitrate concentration exceeding U.S. Environmental Protection Agency standard.



LOCATION OF THIS STUDY

TEXT ON BACK

ARSENIC, NITRATE, IRON, AND HARDNESS IN GROUND WATER, GOLDSTREAM ROAD, YANKOVICH ROAD, AND MURPHY DOME ROAD AREAS,(T.1N.,R.2W.,FM), FAIRBANKS, ALASKA

BY

GARY C. HOPKINS AND KEVIN F. MAXWELL

1985