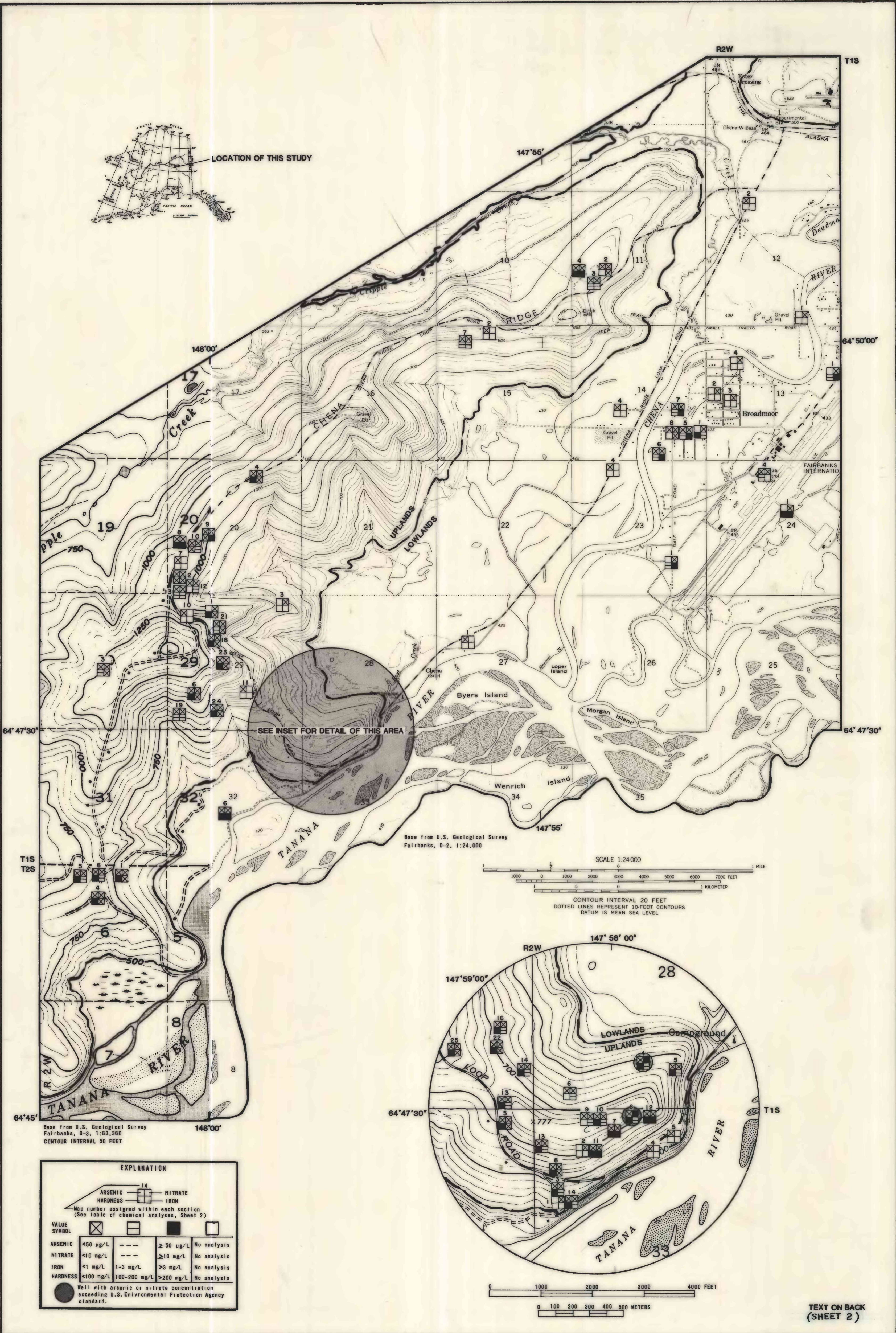
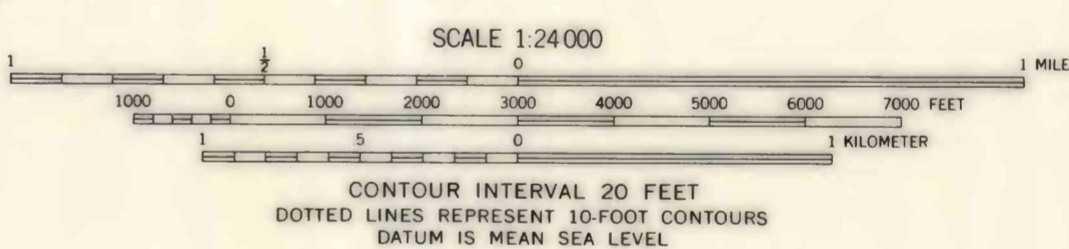


LOCATION OF THIS STUDY



SEE INSET FOR DETAIL OF THIS AREA

Base from U.S. Geological Survey  
Fairbanks, D-2, 1:24,000



Base from U.S. Geological Survey  
Fairbanks, D-3, 1:63,360  
CONTOUR INTERVAL 50 FEET

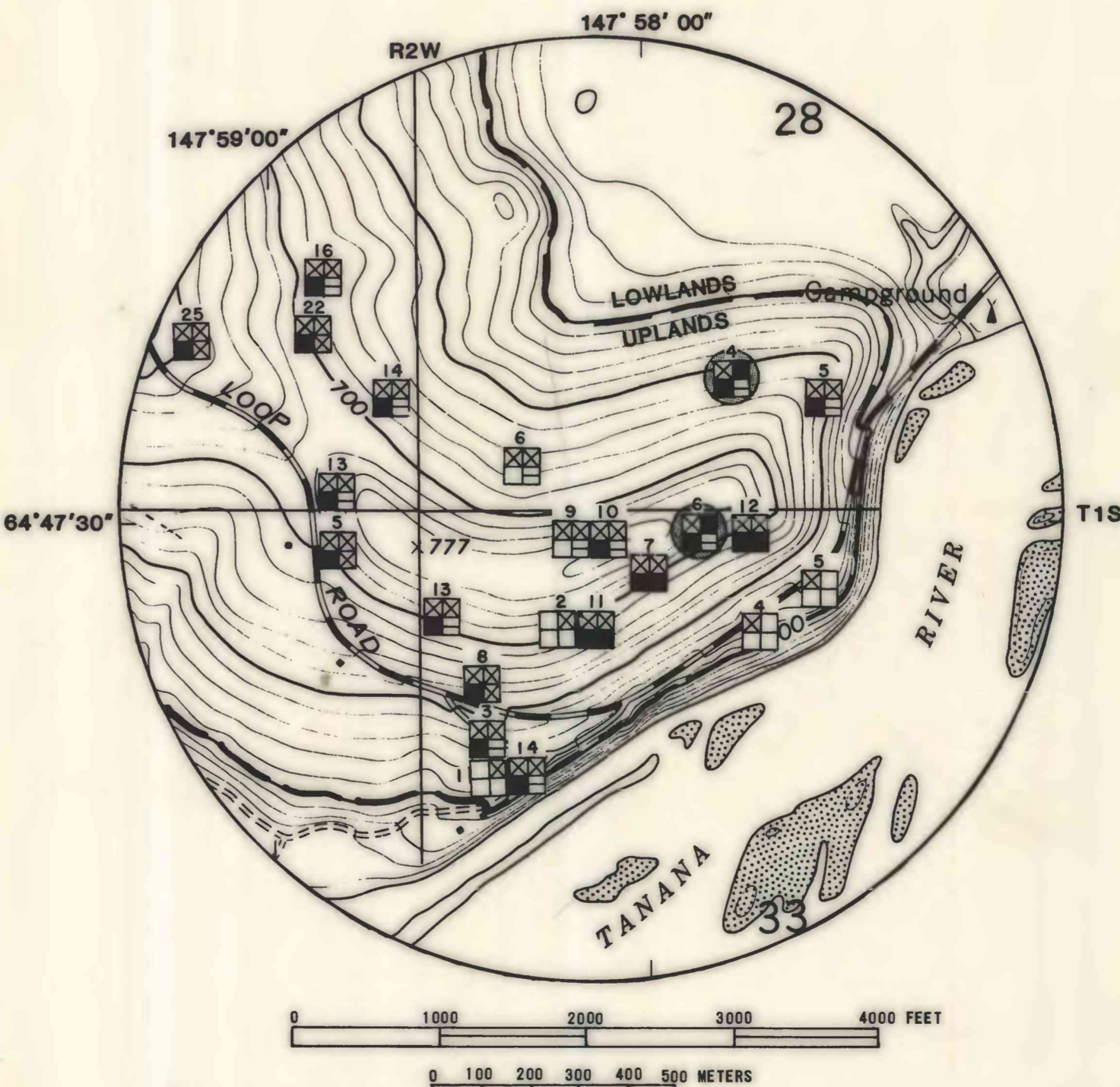
**EXPLANATION**

ARSENIC	14	NITRATE
HARDNESS	15	IRON

Map number assigned within each section  
(See table of chemical analyses, Sheet 2)

VALUE	SYMBOL	VALUE	SYMBOL	VALUE	SYMBOL	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.



TEXT ON BACK  
(SHEET 2)

# ARSENIC, NITRATE, IRON, AND HARDNESS IN GROUND WATER, CHENA RIDGE VICINITY, FAIRBANKS, ALASKA

By  
Andrea P. Krumhardt  
1979