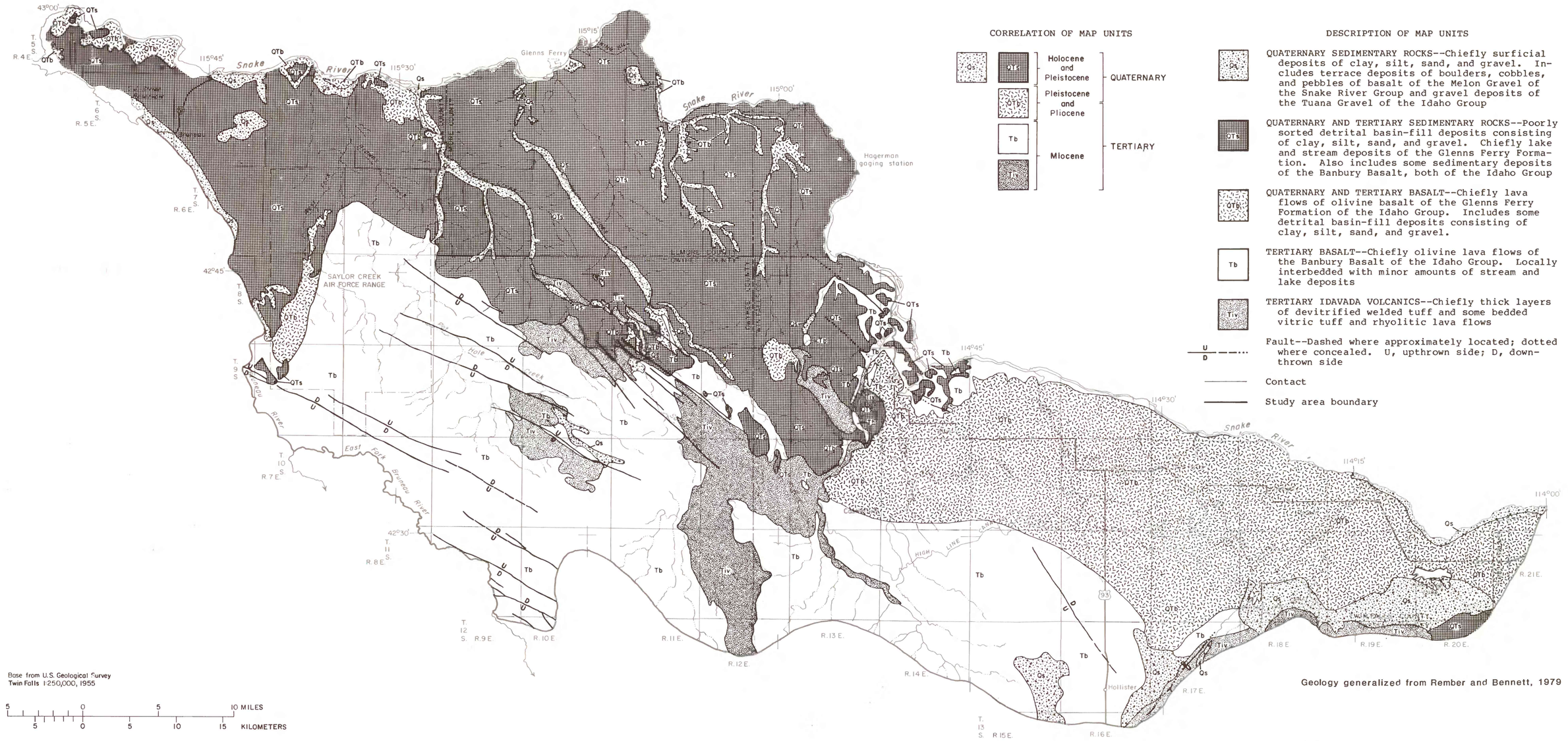
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
IDAHO DEPARTMENT OF WATER RESOURCES

WATER-RESOURCES INVESTIGATIONS REPORT 84-4065
PLATE 1



Base from U.S. Geological Survey
Twin Falls 1:250,000, 1955

5 0 5 10 MILES
5 0 5 10 15 KILOMETERS

Geology generalized from Rember and Bennett, 1979

CORRELATION OF MAP UNITS

Qs	Holocene and Pleistocene	QUATERNARY
QTs		
QTb	Pleistocene and Pliocene	
Tb	Miocene	TERTIARY
Tiv		

DESCRIPTION OF MAP UNITS

Qs — QUATERNARY SEDIMENTARY ROCKS--Chiefly surficial deposits of clay, silt, sand, and gravel. Includes terrace deposits of boulders, cobbles, and pebbles of basalt of the Melon Gravel of the Snake River Group and gravel deposits of the Tuana Gravel of the Idaho Group

QTs — QUATERNARY AND TERTIARY SEDIMENTARY ROCKS--Poorly sorted detrital basin-fill deposits consisting of clay, silt, sand, and gravel. Chiefly lake and stream deposits of the Glenns Ferry Formation. Also includes some sedimentary deposits of the Banbury Basalt, both of the Idaho Group

QTb — QUATERNARY AND TERTIARY BASALT--Chiefly lava flows of olivine basalt of the Glenns Ferry Formation of the Idaho Group. Includes some detrital basin-fill deposits consisting of clay, silt, sand, and gravel.

Tb — TERTIARY BASALT--Chiefly olivine lava flows of the Banbury Basalt of the Idaho Group. Locally interbedded with minor amounts of stream and lake deposits

Tiv — TERTIARY IDAVADA VOLCANICS--Chiefly thick layers of devitrified welded tuff and some bedded vitric tuff and rhyolitic lava flows

U/D — Fault--Dashed where approximately located; dotted where concealed. U, upthrown side; D, downthrown side

Contact

Study area boundary

GENERALIZED GEOLOGY OF THE BRUNEAU PLATEAU AND ADJACENT EASTERN PLAIN, SOUTH-CENTRAL IDAHO