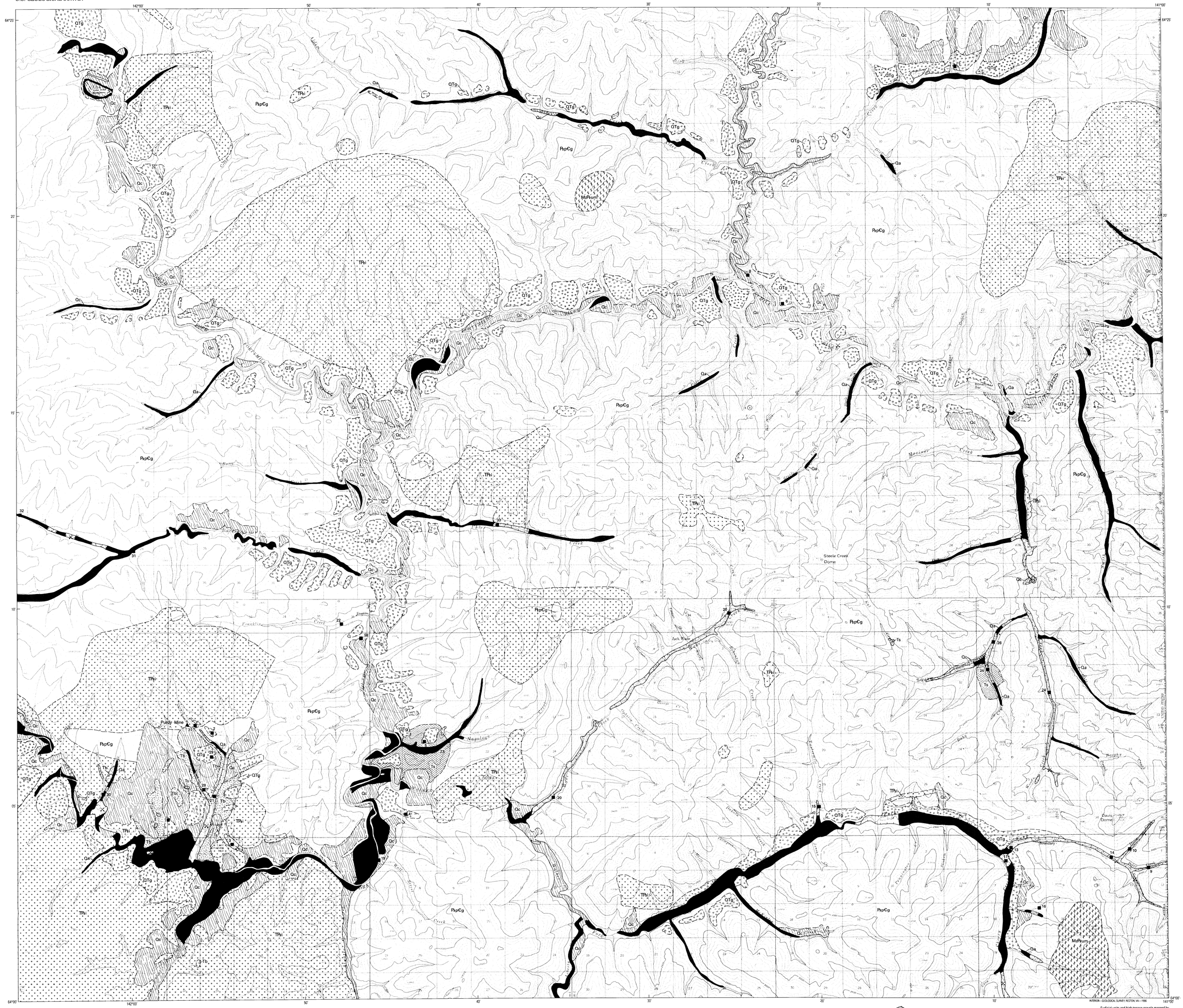
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

BULLETIN 2125
PLATE 1



Base from U.S. Geological Survey
Eagle A-1, A-2, B-1, B-2, B-3, 1956;
Eagle A-3, 1957

SCALE 1:63 360

1 1/2 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 6 7 KILOMETERS

CONTOUR INTERVAL 100 FEET
DASHED LINES REPRESENT 50-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

AREA OF MAP

Surficial units and high terrace gravels mapped by Warren Yeend 1990-92. Bedrock geology modified from Foster (1969, 1976, 1992)

CORRELATION OF MAP UNITS

Qc		Holocene	QUATERNARY
		Pleistocene	QUATERNARY
QTg	Early Pleistocene	Pliocene	TERTIARY
Tb			TERTIARY(?)
Ts			TERTIARY
TPi			TERTIARY(?), MESOZOIC, AND PALEOZOIC(?)
MzPum			MESOZOIC AND PALEOZOIC
PzpCg			PALEOZOIC AND PRECAMBRIAN

DESCRIPTION OF MAP UNITS

Qc **Colluvium (Holocene and late Pleistocene)**

Gold-Bearing alluvial gravels (Holocene and Pleistocene)

QTg **High Terrace gravels (early Pleistocene and Pliocene)**

Tb **Basalt (Tertiary?)**

Ts **Sandstone, conglomerate, siltstone, shale, and coal (Tertiary)**

TPi **Igneous rocks (Tertiary?, Mesozoic, and Paleozoic?)** Granitic rocks and metagabbro

MzPum **Ultramafic rocks (Mesozoic and Paleozoic)** Serpentinite and Serpentinized peridotite

PzpCg **Gneiss, schist, amphibolite, and marble (Paleozoic and Precambrian)** Quartzite, biotite schist, gneiss, amphibolite, marble, quartz-mica schist, and greenschist

Contact—Dashed where approximately located

Area of mined gravels and (or) tailings

Pebble-count locality—Numbers referred to in text and tables

Placer mine—Active between 1990 and 1993

GEOLOGIC MAP SHOWING GOLD PLACERS, FORTYMILE RIVER AREA, EAGLE QUADRANGLE, ALASKA

Yeend, Warren, 1996, Gold Placers of the Historical Fortymile River Region, Alaska: U.S. Geological Survey Bulletin 2125