UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN-FILE REPORT
80-890
PLATE 1

Base from U.S. Geological Survey,
Anchorage A-7, 1:63,360, 1960, revised
1963; Anchorage B-7, SE, 1:25,000 1979;
Anchorage B-7, SW, 1:25,000, 1979

SCALE 1:25 000

CONTOUR INTERVAL 20 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF MAP DIAGRAM IS APPROXIMATE

QUADRANGLE LOCATION

CORRELATION OF MAP UNITS

SURFICIAL DEPOSITS

ALLUVIAL DEPOSITS: Qala, Qalf, Qal, Qalo, Qag, Qac, Qaf, Qan, Qaco, Qgd3, Qgd2, Qgd1

GLACIAL DEPOSITS: Qrg, Qrd, Qmlc, Qmg, Qmlf, Qmm, QKt, QK, Qmlr

LACUSTRINE DEPOSITS: Qgl3, Qgl2, Qgl1, Qglf

COLLUVIAL DEPOSITS: Qp, Qca, Qcb, Qcbp, Qcg, Qct, Qcl, Qcle, Qclb, Qcs, Qcld, Qcll

ANTHROPOGENIC DEPOSITS: Qmf, Qme

Qal material still in transport mode

BEDROCK

SEDIMENTARY ROCKS: TKt, Tf, KJv, KJm, JPs

IGNEOUS ROCKS

METAMORPHIC ROCKS

CENOZOIC — QUATERNARY — HOLOCENE; PLEISTOCENE — WISCONSINAN; PRE WISCONSINAN
CENOZOIC — TERTIARY
MESOZOIC — CRETACEOUS; JURASSIC
PALEOZOIC — PERMIAN AND TRIASSIC

Surficial geology mostly from airphoto interpretation by H. R. Schmoll, 1965-80. Field investigations by Ernest Dobrowolny and H. R. Schmoll, 1965-71, and by H. R. Schmoll, 1973, 1975, 1976, and 1978. Recompiled in 1980 from original mapping at a scale of 1:63,360 by C. A. Gardner and H. R. Schmoll; map unit descriptions by H. R. Schmoll, 1980. Bedrock mapping and descriptions modified from Clark and Bernoth, 1971, and from Clark, 1972.

PLATE 1.–PRELIMINARY GEOLOGIC MAP OF THE MIDDLE PART OF THE EAGLE RIVER VALLEY, MUNICIPALITY OF ANCHORAGE, ALASKA