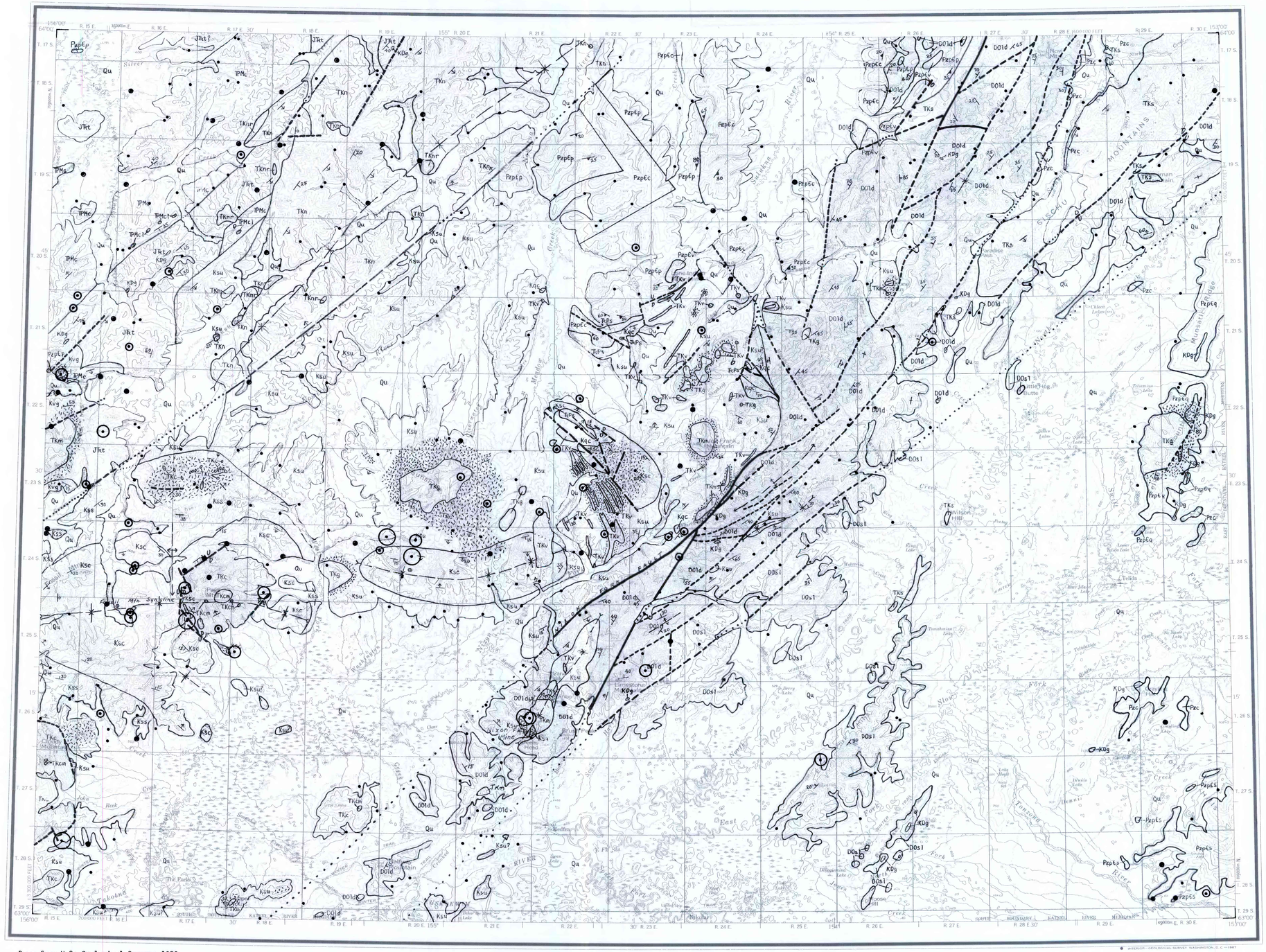
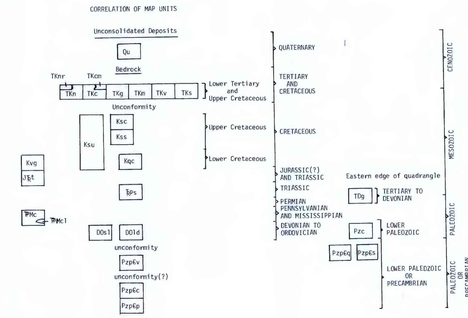
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 80-811 L
SHEET 2 OF 2



CORRELATION OF MAP UNITS



DESCRIPTION OF MAP UNITS

Qu	UNDIFFERENTIATED SURFICIAL DEPOSITS
TKnr TKn	VOLCANIC ROCKS OF THE NOWITNA RIVER AREA--Chiefly trachyandesite, basaltic andesite, and basalt flows. TKnr--Rhyolite domes, tuffs, and breccia
TKcm TKc	MAFIC TO INTERMEDIATE VOLCANO-PLUTONIC COMPLEXES--Altered basalt, andesite, and trachyandesite flows and hypabyssal intrusive bodies. TKcm--Small bodies of monzonite, quartz monzonite, and granodiorite
TKg	GRANITE
TKn	MONZONITE
TKv	VOLCANIC ROCKS OF NIXON FORK-UPPER SULUKNA RIVER AREA--Rhyolite, dacite, and trachyandesite sills, dikes, flows, and plugs
TKs	VOLCANIC ROCKS OF THE SISCHU MOUNTAINS--Rhyolite and dacite flows and domes
TDg	GABBRO
Ksu	UNDIFFERENTIATED SHALE, SILTSTONE, AND SANDSTONE
Ksc	NONMARINE SANDSTONE AND QUARTZ-CHERT CONGLOMERATE
Kss	MARINE SANDSTONE, SILTSTONE, AND SHALE
Kqc	QUARTZ-CARBONATE SANDSTONE AND PEBBLY MUDSTONE
Kvg	VOLCANIC GRAYWACKE AND CONGLOMERATE
JRt	CHERTY TUFF, CRYSTAL AND LITHIC TUFFS, AND VOLCANIC BRECCIA
TPs	SANDSTONE, SANDY LIMESTONE, SPICULITE, AND CONGLOMERATE
TPMc TPMc1	CHERT AND LIMESTONE--Chiefly radiolarian chert. TPMc1--Limestone.
DOs1	SHALY LIMESTONE
DOld	LIMESTONE AND DOLOMITE
Pzc	CHERT AND PHYLLITE
PzpEq	QUARTZITE, GRIT, AND ARGILLITE
PzpEs	SHEARED GRIT, QUARTZITE, AND QUARTZ-MICA SCHIST
PzpEv	METAVOLCANIC ROCKS--Metarhyolite and dacite
PzpEc	CALC-SCHIST
PzpEp	PELITIC SCHIST

GEOLOGIC SYMBOLS

- Contact - Includes approximately located, inferred, and indefinite
- Fault - Dashed where approximately located, short dashed where inferred, dotted where concealed. U, upthrown side; D, downthrown side
- Anticline - Showing direction of plunge
- Syncline - Showing direction of plunge
- Strike and dip of beds. May include overturned beds
- Strike of vertical beds
- Horizontal beds
- Strike and dip of beds based on photointerpretation or distant observation
- Strike and dip of foliation
- Zone of hornfels

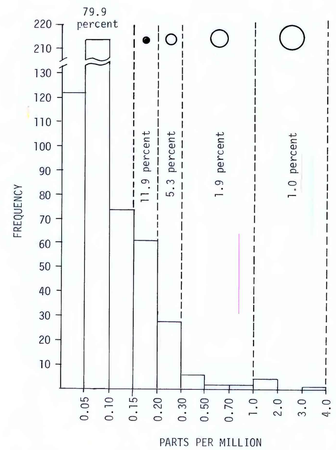


Figure 2.--Histogram for mercury in 513 minus-80-mesh stream-sediment samples, Medfra quadrangle, Alaska, showing symbols denoting concentrations, and percentage of total number of samples represented by each range.

MERCURY IN MINUS-80-MESH STREAM-SEDIMENT SAMPLES

DISTRIBUTION AND ABUNDANCE OF ANTIMONY AND MERCURY IN MINUS-80-MESH STREAM-SEDIMENT AND ANTIMONY IN NONMAGNETIC AND MODERATELY MAGNETIC HEAVY-MINERAL-CONCENTRATE SAMPLES, MEDFRA QUADRANGLE, ALASKA

By
H. D. King, R. M. O'Leary, D. A. Risoli, and D. W. Galland

1983