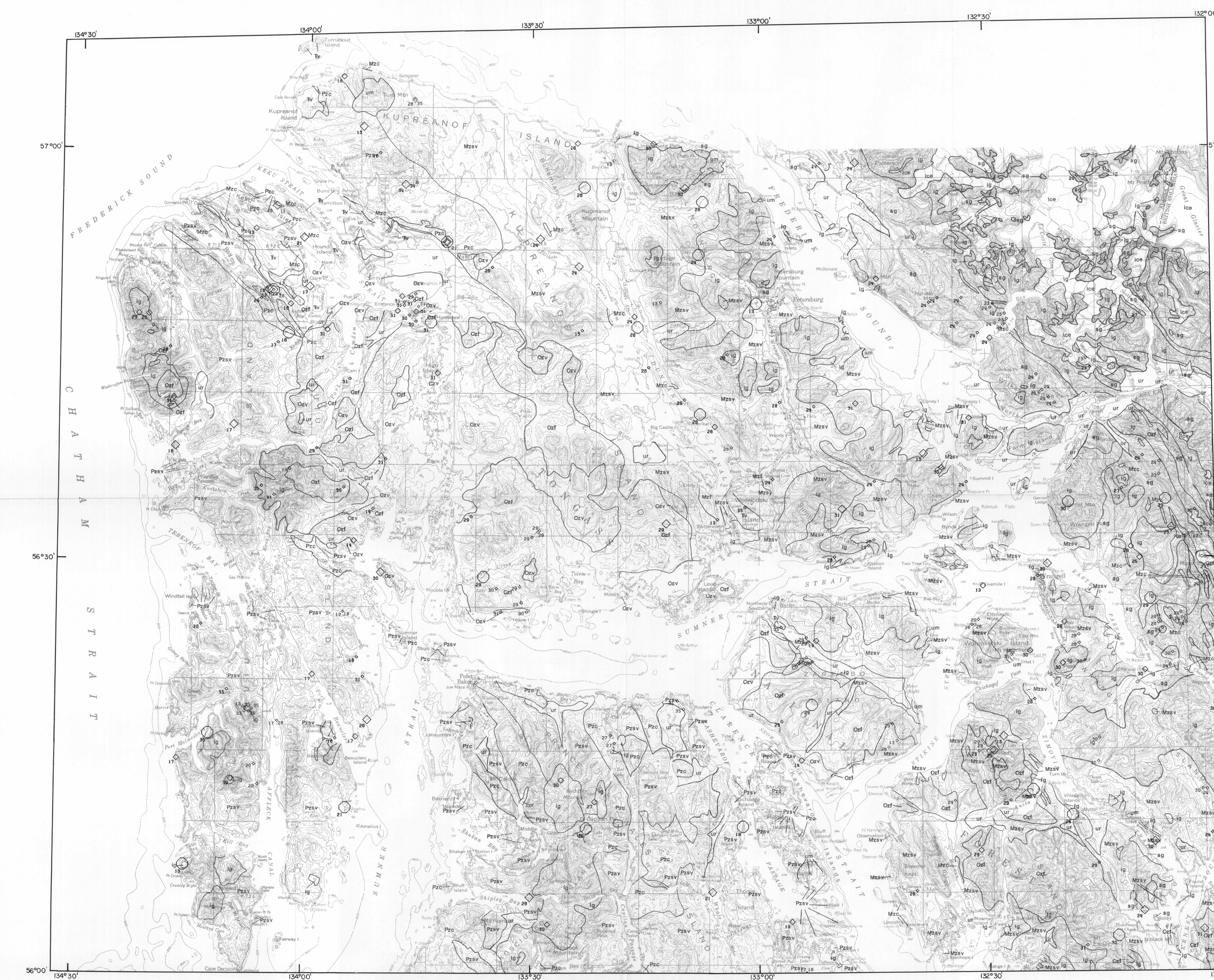


MAP A—LEAD



MAP B—MOLYBDENUM

EXPLANATION

○ Level 1—Rock samples that have values between the 95th and 97th percentiles
 ◊ Level 2—Rock samples that have values between the 97th and 98th percentiles
 ◈ Level 3—Rock samples that have values between the 98th and 99th percentiles
 ○ Level 4—Rock samples that have values at or above the 99th percentile

Rock type	
11	Unidentified rock
12	Sedimentary rock
13	Metamorphic rock
14	Igneous rock
16	Conglomerate
17	Sandstone
18	Siltstone
19	Claystone
20	Shale
21	Limestone, dolomite
22	Carbonate rock
23	Gneiss
24	Schist
25	Quartzite
26	Marble
27	Slate
28	Phyllite or slate
29	Felsic igneous rock
30	Intermediate-composition igneous rock
31	Mafic igneous rock
32	Ultramafic igneous rock
33	Pelispahoidal rock
34	Other
35	Chert or jasperoid

EXPLANATION

Bedrock geochemical group—See text, page 6

ur	Miscellaneous unmineralized rocks and Quaternary deposits, undivided
Czf	Felsic igneous rocks (Cenozoic)
ig	Intermediate-composition igneous rocks (Cenozoic and Mesozoic)
Czv	Mafic volcanic rocks (Cenozoic)
um	Ultramafic rocks (Cretaceous)
sg	Schist and gneiss of the Coast plutonic-metamorphic complex of Brew and Ford (1964)
Mzsv	Sedimentary and volcanic rocks (Mesozoic)
Mzc	Carbonate rocks (Mesozoic)
Mrf	Felsic volcanic rocks (Mesozoic)
Trv	Mafic volcanic rocks (Triassic)
Pzc	Carbonate rocks (Paleozoic)
Pzsv	Sedimentary and volcanic rocks (Paleozoic)

— Contact

Group 12
Group 11
Group 10
Group 9
Group 8
Group 7
Group 6
Group 5
Group 4
Group 3
Group 2
Group 1

DISTRIBUTION OF THRESHOLD LEVELS FOR ROCK GEOCHEMICAL SAMPLES

MAPS AND PRELIMINARY INTERPRETATION OF ANOMALOUS ROCK GEOCHEMICAL DATA FROM THE PETERSBURG QUADRANGLE AND PARTS OF THE PORT ALEXANDER, SITKA, AND SUMDUM QUADRANGLES, SOUTHEASTERN ALASKA

By
 S.M. Karl and R.D. Koch
 1990

Base from U.S. Geological Survey, Port Alexander, Sitka, 1951; Petersburg, 1950; Sumdum, 1961. Universal Transverse Mercator projection.

Geology generalized from Brew and others (1984). Manuscript approved for publication, September 26, 1989.

