



MAP A—NICKEL



MAP B—ZINC

EXPLANATION

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

EXPLANATION

- Bedrock geochemical group—See text, page 6**
- ur Miscellaneous unmetamorphosed 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 (Cenozoic)
 - sg Schist and gneiss of the Coast plutonic-metamorphic complex of Brew and Ford (1984)
 - Mzsv Sedimentary and volcanic rocks (Mesozoic)
 - Mzc Carbonate rocks (Mesozoic)
 - Mzf Felsic volcanic rocks (Mesozoic)
 - Tzv Mafic volcanic rocks (Triassic)
 - Pzc Carbonate rocks (Paleozoic)
 - Pzsv Sedimentary and volcanic rocks (Paleozoic)

- 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

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