

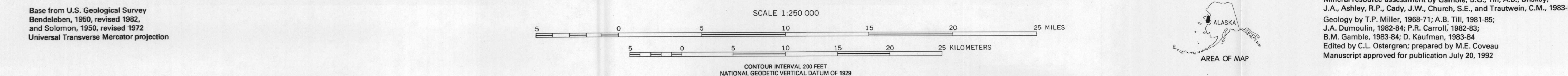
EXPLANATION

Tract favorable for magmatic-hydrothermal deposits

Tract	Level of favorability
1	Sn vein - High Sn greisen - High Sn skarn - Moderate Sn rep. - Moderate W skarn - Moderate As skarn - Low
2a	Fe skarn - High Cu skarn - Moderate Pmv - Moderate Pmr - Moderate Zn-Pb-Ag skarn - Moderate
2b	Fe skarn - Low Cu skarn - Low Pmv - Moderate Pmr - Low Zn-Pb-Ag skarn - Low
3	Low-F Mo - High Pmv - High Pmr - Moderate Zn-Pb-Ag skarn - Moderate
4	Sn vein - Low Sn greisen - Low Sn skarn - Low Sn rep. - Low W skarn - Moderate Low-F Mo - Moderate
5	Sn vein - Low Sn greisen - Low Sn skarn - Low Sn rep. - Low
6a	Sn vein - Low Sn greisen - Low Sn skarn - Low Sn rep. - Low W skarn - Low Pmv - High Pmr - Moderate Zn-Pb-Ag skarn - Moderate As skarn - Low
6b	Sn vein - Low Sn greisen - Low Sn skarn - Low Sn rep. - Low W skarn - Low Pmv - Moderate Pmr - Low Zn-Pb-Ag skarn - Low
7	Sn vein - Low Sn greisen - Low Sn skarn - Low Sn rep. - Low Pmv - High Pmr - Moderate Zn-Pb-Ag skarn - Moderate

Pmv, polymetallic vein;
Pmr, polymetallic replacement

- Sn vein occurrence
- ▣ Possible Sn skarn occurrence
- Possible Sn greisen occurrence
- Polymetallic vein deposit
- Possible polymetallic vein occurrence
- ▲ Fe skarn deposit
- ⊕ Possible Cu skarn or polymetallic vein occurrence
- x W skarn occurrence
- ★ Low-fluorine stockwork Mo occurrence



Mineral resource assessment by Gamble, B.G., Till, A.B., Briskey, J.A., Ashley, R.P., Cady, J.W., Church, S.E., and Trautwein, C.M., 1983-89.
Geology by T.P. Miller, 1968-71; A.B. Till, 1981-85;
J.A. Dumoulin, 1982-84; P.R. Carroll, 1982-85;
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TRACTS FAVORABLE FOR MAGMATIC-HYDROTHERMAL DEPOSITS

MAPS SHOWING METALLIC MINERAL RESOURCES OF THE BENDELEBEN AND SOLOMON QUADRANGLES, WESTERN ALASKA

By
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1993