



EXPLANATION

STATUS OF WORK BY U. S. GEOLOGICAL SURVEY (USGS)

- Completed report
- Report in final review
- Report in preparation
- Areas not scheduled for evaluation but included in report by USGS
- Areas not scheduled for evaluation by USGS

METALLIC AND NONMETALLIC COMMODITIES

- A** Numerous occurrences and geologically favorable for indicated commodities
- B** Few or no occurrences but geologically favorable for indicated commodities
- C** No occurrences and geologically unfavorable for all commodities

GEO THERMAL RESOURCES

- I** Known Geothermal Resource Area (KGRA) as classified by USGS in 1978
- II** Area of high heat flow and geothermal resource potential
- III** Area of low-temperature geothermal resource potential

Geothermal well

Commodity occurrence

MAP SHOWING THE STATUS OF MINERAL RESOURCE POTENTIAL EVALUATION OF WILDERNESS AND ROADLESS AREAS, WASHINGTON

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This map and reference list were compiled in response to a request for a summary of the status of work by the U.S. Geological Survey (USGS) in Washington wilderness and roadless areas. Under provisions of the Wilderness Act (Public Law 88-577) and related acts, the USGS and the U.S. Bureau of Mines have been conducting mineral surveys of wilderness and roadless areas in Washington. These areas, as defined by Congress and the U.S. Forest Service, and other areas being considered for inclusion in the National Wilderness Preservation System under the Washington State Wilderness Act of 1983 (S. 837), are outlined on the map, and the status of the mineral resource potential evaluations is indicated by appropriate symbols. A listing of the individual areas by national forest, with the acreage of each area, is available from a U.S. Forest Service map (1979).

Information on the occurrences of metallic and nonmetallic commodities is largely from the USGS Computerized Resource Information Bank (CRIB). Concentrations of Au, Ag, Co, Cr, Cu, Fe, Hg, Mo, Ni, Pb, Sb, Te, U, W, and Zn, as well as asbestos (Asb), garnet (Grt) and limestone (Ls) are plotted. Evaluation of geothermal and combustible fuel resources is based on a literature search of recent publications; a complete index or data file of these resources is not yet available for Washington.

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