

This preliminary map, compiled on short notice mainly from personal knowledge and selected literature sources, was prepared in December 1977 in response to a request from the U. S. Forest Service for an immediate brief evaluation of the mineral resource potential of proposed roadless areas of the national forests in Nevada. These areas were selected by the Forest Service for purposes of the RARE II inventory. Supplemental oral briefings held in Menlo Park on December 8 and 9, 1977 for Forest Service personnel were based on the map and explanatory materials submitted in this U. S. Geological Survey Open file report.

The map resource designations, A through D, are based on geological considerations. They have been applied very broadly to whole areas, although it is recognized that specific sites within these areas may be identified by more extensive search of the literature and onsite field examination.

This resource assessment is considered preliminary because it is based on incomplete information that currently is at hand. In the oral presentation the compilers noted that an inventory of mineral resources is only a catalog or index of the metals or minerals that were economically attractive or technologically possible to extract in the past. Thus, this inventory does not provide a systematic or necessarily accurate evaluation of all the mineral resource possibilities in this region. Such an assessment of resources should be a continuing dynamic process and provide for the identification of critical new mineral resource materials, such as the disseminated gold of the Carlin, Nevada region, which was thought to be a "mined out" gold lode and placer district.

Selected References

- U.S. Geological Survey, 1964, Mineral & water resources of Nevada: U.S. Senate Document No. 87, 88th Congress, 2nd session, Committee on Interior and Insular Affairs, 314 p.
- Hose, R. F., Blake, M.C. Jr., and Smith, R. M., 1976, Geology and mineral resources of White Pine County, Nevada: Nevada Bureau of Mines and Geology Bulletin 85, 105 p.
- Moore, J. G., 1969, Geology and mineral deposits of Lyon, Douglas, and Ormsby Counties, Nevada: Nevada Bureau of Mines and Geology Bulletin 75, 65 p.
- Ross, D. C., 1961, Geology and mineral deposits of Mineral County, Nevada: Nevada Bureau of Mines Bulletin 58, 98 p.
- Smith, R. M., 1976, Mineral Resources of Elko County Nevada: U.S. Geological Survey Open-file Reports 1976-56, 194 p.

EXPLANATION

AREA RATINGS

- A -- Many known occurrences and (or) geologically favorable for prospecting
- B -- Few known occurrences and (or) geologically favorable for prospecting
- C -- No known deposits or prospects and probably geologically unfavorable for prospecting
- D -- Insufficient information to evaluate resource or prospecting potential

● Major mining districts

4-660 RARE II areas, U. S. Forest Service designations, 1977



MAP OF NEVADA SHOWING MINERAL RESOURCE POTENTIAL OF RARE II AREAS--Preliminary assessment of mineral resource potential of proposed Roadless Areas in the National Forests of Nevada (Exclusive of coal, oil, gas, and construction materials)

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This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards.