



MINES RELATED TO WILDERNESS

The Wilderness Act (Public Law 88-571, September 3, 1966) and related acts require that the potential for mineral resources be determined for areas to be added to the public lands administered by the President and the Congress. This report is the result of a study of the Birch Creek Roadless Area and the White Mountain Roadless Area in Inyo and Mono Counties, California, and Southern and Mineral Counties, Nevada. The Birch Creek Roadless Area was classified as a future planning area during the California Roadless Act (Public Law 93-334, October 21, 1974).

SUMMARY

On the basis of geologic, geochronologic, and geophysical investigations and consideration of known mineral deposits at mines and prospects, the resource potential for various metals, including silver, lead, zinc, copper, tungsten, molybdenum, and barium, and nonmetallic minerals, including quartz, is evaluated. Areas of high resource potential are indicated with shaded areas of high resource potential. Various of these areas are described in detail in the text. The Birch Creek Roadless Area and the White Mountain Roadless Area are shown on the map. The Birch Creek Roadless Area is shown with a dashed line and the White Mountain Roadless Area is shown with a solid line.

INTRODUCTION

The White Mountain and Birch Creek Roadless Areas encompass approximately 241 and 411 acres, respectively, in the Inyo National Forest, Inyo and Mono Counties, California, and Southern and Mineral Counties, Nevada. The Birch Creek Roadless Area is located in the Inyo National Forest, Inyo and Mono Counties, California, and the White Mountain Roadless Area is located in the Inyo National Forest, Inyo and Mono Counties, California, and Southern and Mineral Counties, Nevada. The Birch Creek Roadless Area was classified as a future planning area during the California Roadless Act (Public Law 93-334, October 21, 1974).

GEOLOGY

The White Mountain Roadless Area is underlain by Proterozoic and Paleozoic rocks. The Birch Creek Roadless Area is underlain by Proterozoic and Paleozoic rocks. The White Mountain Roadless Area is underlain by Proterozoic and Paleozoic rocks. The Birch Creek Roadless Area is underlain by Proterozoic and Paleozoic rocks.

MINING ACTIVITY

Historical mining activity is recorded in the Birch Creek Roadless Area. The Birch Creek Roadless Area is underlain by Proterozoic and Paleozoic rocks. The White Mountain Roadless Area is underlain by Proterozoic and Paleozoic rocks.

MINERAL RESOURCE POTENTIAL

Mineral resource potential is evaluated for various metals and nonmetallic minerals. The Birch Creek Roadless Area is underlain by Proterozoic and Paleozoic rocks. The White Mountain Roadless Area is underlain by Proterozoic and Paleozoic rocks.

CONCLUSIONS

Mineral resource potential is evaluated for various metals and nonmetallic minerals. The Birch Creek Roadless Area is underlain by Proterozoic and Paleozoic rocks. The White Mountain Roadless Area is underlain by Proterozoic and Paleozoic rocks.

REFERENCES

Clark, L. W., and Clark, V. D., 1975, High resolution and very high resolution gamma-ray spectrometry of the White Mountain Roadless Area, Inyo and Mono Counties, California, U.S. Geological Survey Open-File Report OF-75-100.

EXPLANATION

A Areas with mineral resource potential
B Area of low resource potential
C Area of moderate resource potential
D Area of high resource potential

DESCRIPTION OF MAP SHEETS

White Mountain Roadless Area
1. Double Locus prospect
2. Agave-Pine prospect
3. Birch Creek prospect
4. Silver King prospect
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