

UNITED STATES DEPARTMENT OF THE INTERIOR  
Harold L. Ickes, Secretary  
GEOLOGICAL SURVEY  
W. C. Mendenhall, Director

---

Bulletin 857

---

# MINERAL RESOURCES OF ALASKA

REPORT ON PROGRESS OF  
INVESTIGATIONS IN

1932

BY

PHILIP S. SMITH AND OTHERS



UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1934



## CONTENTS

	Page
Mineral industry of Alaska in 1932, by P. S. Smith.....	1
Selected list of Geological Survey publications on Alaska.....	77
Past placer-gold production from Alaska, by P. S. Smith.....	93
The Curry district, by Ralph Tuck.....	99
Notes on the geology of the Alaska Peninsula and Aleutian Islands, by S. R. Capps.....	141
Core drilling for coal in the Moose Creek area, by G. A. Waring.....	155
Index.....	167

## ILLUSTRATIONS

	Page
<b>PLATE 1.</b> Geologic reconnaissance map of the Curry district, Alaska.....	112
2. <i>A</i> , Eocene coal-bearing rocks and vegetation-covered moraine of Ruth Glacier; <i>B</i> , Rugged granitic mountains on the east side of Mount McKinley.....	112
3. Rugged topography along Eldridge Glacier.....	112
4. Buckskin Glacier with Mount McKinley in the background.....	112
5. Map of the Alaska Peninsula and Aleutian Islands.....	146
6. Map of the Moose Creek area, showing geology, coal mines, and drill holes.....	160
7. Logs of diamond-drill holes in the Moose Creek area.....	160
8. Logs of diamond-drill holes in the Moose Creek area correlated on conglomerate beds and with the coal seams of the Premier mine.....	160
9. Progress of core drilling in the Moose Creek area.....	160
<b>FIGURE 1.</b> Trends of mineral production of Alaska, 1890-1932.....	8
2. Trend of value of gold production of Alaska, 1880-1932.....	11
3. Copper produced from Alaska mines, 1900-1932, and fluctu- ations in the price of copper during that period.....	56
4. Index map showing the location of the Curry district.....	101
5. Sketch map showing the distribution of timber in the Curry district.....	111
6. Map of part of Alaska showing location of the Moose Creek area.....	157