

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



METALLIC MINERAL RESOURCES MAP OF THE GOODNEWS QUADRANGLE, ALASKA

Compiled by

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PROPERTY OF THE GEOLOGICAL SURVEY

Open-file map

1970

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

### LODE DEPOSITS

| <u>Number</u>  | <u>Name and principal references</u>   | <u>Commodity</u> <u>1/</u> |
|--|--|----------------------------|
| 1  | Kagati Lake (Mount Oratia): Malone, 1962, p. 52;<br>Sainsbury and MacKevett, 1965, p. 53-56. | Sb, Hg                     |
| 2  | Togiak River: Hoare and Coonrad, 1961.   | Cu, Zn                     |
| <u>1/</u> Symbols - Sb, antimony; Cu, copper, Hg, mercury; Zn, zinc. |  |                            |

### PLACER DEPOSITS

| <u>Number</u>   | <u>Name and principal reference(s)</u>  | <u>Commodity</u> <u>1/</u> , <u>2/</u> |
|---|---|--|
| 3   | Jacksmith Creek tributary: unpublished data.  | Au                                     |
| 4   | Domingo Creek: Hoare and Coonrad, 1961.   | Au                                     |
| 5   | Kowkow Creek: Harrington, 1921, p. 227; Smith, 1930,<br>p. 52-53.   | Au, Pt                                 |
| 6   | Butte Creek: Harrington, 1921, p. 227; Mertie, 1969,<br>p. 89-90.   | Au, Pt                                 |
| 7   | Fox Creek: unpublished data.  | Au                                     |
| 8   | Snow Gulch: Smith, 1942, p. 54; Mertie, 1969,<br>p. 89-90.  | Au, Pt                                 |
| 9   | Tyone Creek: Hoare and Coonrad, 1961.   | Au                                     |
| 10-11   | Goodnews Bay: Berryhill, 1963, p. 13-16.  | Cr, Au                                 |
| 12  | Goodnews Bay: Berryhill, 1963, p. 13-15.  | Cr                                     |
| 13  | Slate Creek: Smith, 1939, p. 61.<br>Wattamuse Creek: Harrington, 1921, p. 225-226; Smith,<br>1942, p. 54. | Au<br>Au                               |
| 14  | Olympic Creek: Smith, 1933, p. 44.  | Au                                     |
| 15  | Fox Creek (Gulch): Hoare and Coonrad, 1961.   | Au                                     |
| 16-17   | Bear Creek: Harrington, 1921, p. 226-227.   | Au                                     |
| 18  | Canyon Creek: Hoare and Coonrad, 1961.  | Au                                     |
| <u>1/</u> Symbols - Cr, chromite; Au, gold; Hg, mercury; Pt, platinum-group metals. |   |  |
| <u>2/</u> Gold has been produced from most of the listed placers                    |   |  |

| <u>Number</u> | <u>Name and principal reference</u>   | <u>Commodity</u> 1/, 2/ |
|---------------|---------------------------------------|-------------------------|
| 19            | Rainy Creek: Rutledge, 1948, p. 3, 7. | Au, Hg                  |
| 20-21         | Trail Creek: Hoare and Coonrad, 1961. | Au                      |

Placers not shown on map because occurrences could not be located closely enough to plot:

Lake Elva: Eakins, 1968, p. 8. Au

Sunshine Valley: Eakins, 1968, p. 8 Au

1/ Symbols - Au, gold; Hg, mercury.

2/ Gold has been produced from some of the listed placers.

#### REFERENCES

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#### SOURCE OF DATA ON DISTRIBUTION OF INTRUSIVE ROCKS

- Hoare, J. M., and Coonrad, W. L., 1961, Geologic map of the Goodnews quadrangle, Alaska: U.S. Geol. Survey Misc. Geol. Inv. Map I-339.

