



ZONING:

RATIO OF Mn TO Ca

246 Sample number in tables 19, 20, and 22.
 4 Ratio of the Chemical or Spectrographic Assays.

x Carnotite deposit
 o Copper deposit
 Δ Manganese deposit
 Mineralized outcrop

--- Fault
 --- Fold
 Dotted where concealed.
 Earliest determinable movement in the early Quaternary.

--- Fault
 --- Fold
 Dotted where concealed.
 Earliest determinable movement in the middle Tertiary.

--- Fault
 --- Fold
 Dotted where concealed.
 Earliest determinable movement in the Triassic.

Mn Enriched in Mn only.
 Mn/Ca > 1
 Mn/Ca = 0.1 - 0.9
 Mn/Ca = 0.01 - 0.09
 Mn/Ca = 0.001 - 0.009
 Ca Enriched in Ca only.
 Background concentrations subtracted before ratios calculated.

U. S. Geological Survey
 OPEN FILE MAP
 This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.
 PREPARED IN COOPERATION WITH THE
 U. S. ATOMIC ENERGY COMMISSION

Scale: 1:9,000

SKETCH MAP OF PART OF THE KLONDIKE DISTRICT

GEOLOGY AND ORE DEPOSITS OF THE KLONDIKE RIDGE AREA, COLORADO