

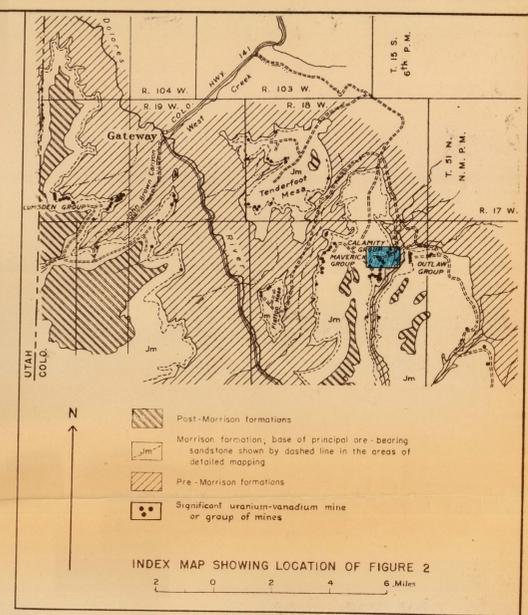


3 2
10 11
T. 50 N., R. 18 W.
N. M. P. M.

CLAIM INDEX

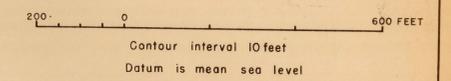
- ① CALAMITY NO. 24
- ② CALAMITY NO. 9
- ③ CALAMITY NO. 8
- ④ CRACKERJACK
- ⑤ CALAMITY NO. 23
- ⑥ CALAMITY NO. 7
- ⑦ NEW EMPIRE
- ⑧ CALAMITY NO. 17
- ⑨ CALAMITY NO. 13
- ⑩ CALAMITY NO. 18
- ⑪ CALAMITY NO. 6
- ⑫ CALAMITY NO. 26
- ⑬ CALAMITY NO. 27
- ⑭ CALAMITY NO. 28

Geology by H. K. Stager
Engineering by J. I. Schumacher



EXPLANATION

- Favorability boundary in areas underlain by ore-bearing sandstone
- Axis of fossil log, roll, or well-defined elongate ore body
- Approximate base of ore-bearing sandstone
- Approximate top of ore-bearing sandstone
- Block 26: Ground underlain by carnotite-bearing rock, projected to the inferred outer edges of mineralized layers, some of which overlap and are not connected between adjacent holes; includes reserve blocks where shown
- Area intensively drilled by mining companies, (Radium Co. of Colorado, 1921-1922 and U.S. Vanadium Co., 1950)
- Incline shaft and mine workings, (approximate outline)
- Mine shaft
- Mine dump (approximate outline)
- Claim stake or monument found in the field
- Land section corner approximately located
- Co-ordinate lines, based on U.S. Atomic Energy Commission co-ordinate system
- Diamond-drill holes, U.S. Geological Survey
Classification based on chemical assays and radiometric logs
Numbers on caps of standpipes left in holes all have prefix CA
- Barren (contains no significant content of U₃O₈ and V₂O₅ by chemical assay, and registers no gamma-ray value as great as 0.05% eU₃O₈)
- Weakly mineralized (contains less than 0.10% U₃O₈ and 1.0% V₂O₅ by chemical assay, or registers gamma-ray values within the range from 0.05% to 0.09% eU₃O₈, or less than 1 foot thick, regardless of chemical or gamma-ray values)
- Ore-bearing (contains 0.1% or more U₃O₈ or 1.0% or more V₂O₅ by chemical assay, or registers gamma-ray values greater than 0.09% eU₃O₈, and 1 foot or more thick)
- Diamond-drill holes, U.S. Bureau of Mines
- Barren
- Weakly mineralized (less than 0.10% U₃O₈ and 1.0% V₂O₅ or less than 1 foot thick regardless of grade)
- Ore-bearing (0.10% or more U₃O₈, or 1.0% or more V₂O₅ and 1 foot or more thick)
- Diamond-drill holes are located by plane-table or tape and compass methods



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TRACE ELEMENTS INVESTIGATIONS REPORT 146

CARNOTITE RESOURCES OF THE CALAMITY GROUP AREA, MESA COUNTY, COLORADO, April 1951

Figure 2.—Map of the northern part of the Calamity group area, Mesa County, Colorado