U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
TRACE ELEMENTS PRELIMINARY RECONNAISSANCE REPORT

Examined by: G. R. Ott & R. L. Erickson

Date examined: September 21, 1951

1. Name of property: Bonneville prospect (?)
   Address: Sec. NE corner 9 T.14 S., R. 45 E.

2. Directions to property: Reached from highway 30 out of Montpelier by turning west at Albion school. Go past two farmhouses and through gate in farmyard. Drive up canyon; take left canyon to west; walk about ½ mile to mine dump.

3. Owner or lessor: Unknown


5. Mine workings: Steeply inclined tunnel on west side of canyon wall. Damp is about 100 x 20-30'.

6. Type of examination: Radiometric and Geologic.

7. Radioactive deposit: No Type and age: Malachite stain in light-gray, medium grained, well-grained sandstone, Anahar formation (?) Triassic, associated with scattered, finely divided, carbonized plant remains.

   Ore Minerals, Primary:

   Malachite, Chrysocolla, possibly some sulfides finely disseminated; barite (?).

   Gangue minerals:

   None.

   Ore-gangue relationship:

   Attitude: Strike-north; Dip 57° east.

   Shape:

   Width:

   Background: 20/30 c/a

8. Counter type: Lucky Strike, Model 106

9. Sample information

   Sample No. Type
   eU(Percent) Chem. Assay or c/a (percent)
   Location

   No radioactivity

   No samples collected for uranium analyses.

10. Unpublished references: None


Distribution:

Meritt (1) Thurlow (1) Makelvey (1)
Mineral Deposits, (9) Carter (1) Fischer (1)
Washington: CRP (1) Weisemborn (1)
TEPCO (3) Peals (1) Cathcart (1)
Hooted (1) Aikins (1) Denson (1)
Toule (1) Geophysics (1) Page (1)

36932