EXAMINED BY A. F. Trites, E. W. Tooker
DATES EXAMINED August 8, 1950

STATE Idaho
COUNTY Lemhi
DISTRICT North Fork area
NEAREST TOWN North Fork
PROPERTY Smith claim
LOCATION: SEC. 33 T. 24 N. R. 20 E.

3. TYPE OF EXAMINATION: Radiometric reconnaissance along outcrop; no detailed geologic mapping

4. DIRECTIONS TO DEPOSIT: 3 miles west of North Fork, Idaho

5. OWNER OR OPERATOR: A. S. Smith
ADDRESS: Box 106
North Fork, Idaho

6. MINE OR PROPERTY HISTORY, PRODUCTION AND WORKINGS: No development work

7. RADIOACTIVITY:

8. DESCRIPTION OF DEPOSIT (Discuss under: A. Topography, B. Geology, C. Mineralogy)

Pyrite, chalcopyrite and pyrrhotite occur in the contact zone 300 to 400 feet long, averaging 12 feet wide of altered gneiss and discontinuous quartz lenses or veins, as well as disseminated in the adjacent basic igneous rock. Gneiss wall rock is coarse grained, gray, porphyroblastic and contains biotite-quartz-feldspar; igneous wall rock is fine grained. Radioactive material of 3½ times background was found near top of ridge near northern end of zone.

11. PROOF OF OWNERSHIP RECEIVED?
PERMISSION TO PUBLISH RECEIVED?

12. MAP:

13. OTHER INVESTIGATIONS:
U. S. Forest Service map of Salmon National Forest

14. ADDITIONAL INFORMATION:

15. SUPPLEMENTARY RECONNAISSANCE REPORT TO FOLLOW