

2609

RECONNAISSANCE REPORT

Ex 1.

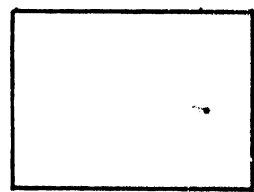
Assay Results

Sample	Equiv.	Chem.	Reference No.
1			2-22
2			State
3			Date August 14, 1933

1. Name of Prospect Iron Mine District Chilhowee area
 Location 2 mi. N. of Chilhowee Sec. 22 Twp. 22 N. R. 22 E. Co. 20th
 Samples submitted by ---
 Address ---
 Owner of claim, mine, or land FRED JOHNSON Estate, G. W. Lynn, Attorney (agent)
 Address Chilhowee, Va
 Examined by A. F. Satter and E. H. Satter Dates incl. August 22, 1933
 (1933 License Exp. Renewed)
 No. samples collected None Type sample ---
 List of available maps U.S. Forest Service Map, Salmon Nat'l Forest
 List of previous reports None

2. Description of Examination - (Amount detail radiometric traversing, detail geology, mapping, etc.) Workings, trenches, etc. -
 A wide radiometric traverse of underground workings (700'), surface outcrops, pits, and dumps. No detail geologic mapping was done.

Sketch Workings (With Sample Locations)



Geology -

- 3. Type of Deposit - Quartz vein, ranging from 2 to 4 feet wide, striking N. 70 degrees E., dipping steeply SE, along a shear zone with limonite and hematite stained gneiss.
- 4. Geologic Environment - (Wall rock, etc.) - Country rock is quartzite of both series. (pre-Cambrian).
- 5. Mineralogic Associations - The vein is limonite-stained with malachite. Sphalerite or muscovite was found in place and on the dump.
- 6. History of Prospect - The mine was opened before 1900 for gold. No ore is known to have been shipped.

