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RECONNAISSANCE REPORT

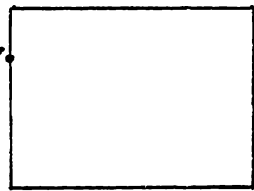
Ex 1 (U.S.G.S.) Reference No. I-11

Assay Results Sample 1, 2, 3. State Idaho. Date July 20, 1950.

1. Name of Prospect Garn-Lemoreau Mine. District Gibbonsville. Location North Fork, Idaho. Sec. 31. Twp. 26 N. R. 21 E. Co. Lemhi. Samples submitted by G. I. Hurloy (local manager). Address Salmon, Idaho. Owner of claim, mine, or land Ira Lemoreau Estate, Ralph E. Yates, Agent. Address 631 S. 4th St., Springfield, Ill. Examined by A. E. Triton & E.W. Tooker (USGS, Denver). Dates incl. July 19 - 20, 1950. No. samples collected 3. Type sample Grab (dump material - middle dump).

- List of available maps: 1. U.S. Forest Service, Salmon Nat'l Forest. 2. Whay, J.S., & Roberts, W.A., Geiger Counter Recon. in Lemhi Co., Ida.: USGS Rep. in Preparation, 1950. Gilbert's (1933) map of underground workings. List of previous reports: 1. Anderson, F.J., Geiger Counter Recon. in Vic. of Salmon, Ida., USGS TE Rep. 177 (unpub) 1949. 2. Whay, J.S. & Roberts, W.A., Geiger Counter Recon. in Lemhi Co., Ida.: USGS Rep. in Prep. 1950.

2. Description of Examination - (Amount detail radiometric traversing, detail geology, mapping, etc.) Workings, trenches, etc. - No new or old underground workings were accessible. Under a new lease, K. Evarts & J.R. Goggins, Salmon, Ida. are starting a crosscut below & south of the old lower dump. A radiometric traverse of the dumps and a Brunton-tape map (50'/inch) of the dumps showing Geiger counter readings and sample locations were made. Highest readings occurred in the N.W. corner of the lowest dump. The lower dump was sampled by Whay. Sketch Workings (With Sample Locations)



3. Type of Deposit - Vein deposit. Ore occurs along a fracture zone, probably a fault.

4. Geologic Environment - (Wall rock, etc.) - Country rock is a fine-grained quartzite, micaceous and slightly schistose. It is frequently interbedded with a sandy phyllite (Belt Age) Outcrop strike N.W.E. and dip steeply (70 - 80°) east.

5. Mineralogic Associations - Minerals found in ore on dump include: Chalcopyrite, galena, pyrite, gold, quartz, and chlorite (?) mica.

6. History of Prospect - Ira Lemoreau began the mine and after his death in 1937, G.I. Hurloy operated the prospect until 1941. New work was started in 1950 by K. Evarts and J. R. Goggins.

