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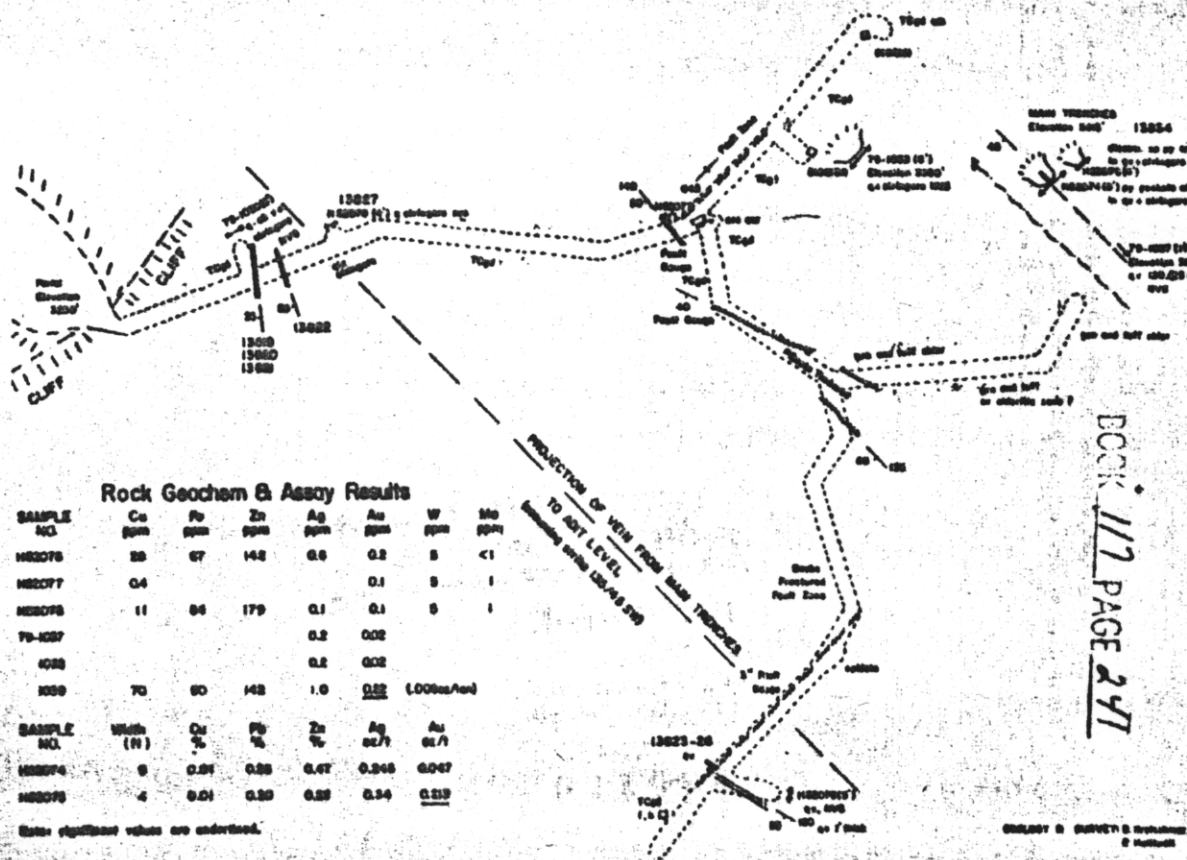
FROM D. Alldrick files

BOOK 117 PAGE 235

**Titan Adit Area ("Upper" Chum Claims)**

Exploration on the "Upper" Chum claims for "High Ore" type alteration showed only a small area of sericitically altered rocks. Adjacent Hyder Granodiorite dikes probably altered these rocks. Traversing southwest across the claims, fresh red and green tuff to volcanoclastics were seen. At the Titan Adit (Figure 8), surface and underground showings were resampled (#13819-13827, 13834). The surface showings are quartz veins with patchy, disseminated sphalerite, galena, pyrite and minor chalcopyrite (total sulphides 0-25%). The hosting Texas Creek Granodiorite is sericitically altered with a small (1-2 foot) silicified zone adjacent to one of the veins. The mineralization is less spectacular and appears to be pinching out where it is intersected in the adit below.

Physical work on the Slim claim was completed in 1983. The trail seen in Figure 6 was cleared to provide access and topographic control. Reconnaissance traverses in the southwest corner showed felsic, pyritic rocks like those seen in face cuts 18 and 19.

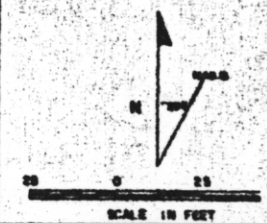


**Rock Geochem & Assay Results**

SAMPLE NO.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm	W ppm	Mo ppm
MS076	28	67	142	0.6	0.2	5	<1
MS077	04				0.1	5	1
MS078	11	84	179	0.1	0.1	5	1
79-1027				0.2	0.02		
1028				0.2	0.02		
1029	70	60	142	1.0	0.22	10000/ton	
SAMPLE NO.	Wt% (H)	Cu %	Pb %	Zn %	Ag oz/t	Au oz/t	
MS074	9	0.21	0.28	0.47	0.248	0.007	
MS076	4	0.01	0.29	0.29	0.24	0.227	

Note: significant values are underlined.

- LEGEND
- Main Trench
  - Fault Group
  - Strike Faulted Fault Zone
  - Vein
  - Sample
  - Cliff
  - Hot Level
  - Projection of Vein from Main Trench to Hot Level



EXXON MINERALS COMPANY

CHUM CLASS

Titon Adit

Geology and Sample Location

Area: Bradford Canal A-1, Alaska

Date: August 1983

Scale: 1" = 25'

By: E. Schenberg

Fig. No.: 8

BOOK 117 PAGE 271