

CANEX AERIAL EXPLORATION LTD.

DIVISION OF CANADIAN EXPLORATION LIMITED

700 BURRARD BUILDING
File: Venture 59VANCOUVER 5, B. C. CANADA
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EXPLORATION OF GEOCHEMICAL ANOMALIES
AND EXTENSION OF GEOCHEMICAL GRID,
TOMMY JACK CREEK, B. C.

Exploration and allied investigations were conducted in the Tommy Jack Creek area and were reported by Dawson (1964) Hewlett (1964) Lonergan (1963) and Tompson (1963 a, b, and 1964 a, b).

Geochemical anomalies were discovered in 1963. The anomalies were explored by hand trenching; samples were cut from bedrock during the summer of 1964 (Plates I, II, III, IV, and V). Some mineralization was discovered in each of five trenches. However, assays of rock samples cut from trenches show that values in the veins are low. The veins which were discovered in the trenches are narrow. Average assays and widths of the veins are given in the figure below.

Average Assays of Veins Discovered in Trenches

Trench No.	Width (feet)	Average Values			
		Au (oz.)	Ag (oz.)	Pb (%)	Zn (%)
1	32.7	0.01	0.55	0.24	0.23
2	6.5	0.01	0.1	tr	0.05
3	0.7	0.01	0.2	0.10	0.61
4	0.4	0.02	0.4	tr	0.08
5	2.0	0.38	1.6	0.83	0.25

The geochemical grid which was sampled in 1963 was extended during the 1964 work (Plates VI, VII, and VIII). The 1963 grid has an area of 4,800 feet by 5,400 feet. The final grid has an area of 6,600 feet by 8,400 feet. Fill-in soil sampling was conducted over an area which contained geochemical anomalies (Plates IX, X, and XI).

Geochemical sampling on the extended grid disclosed anomalies similar in size, shape, and magnitude, and continuous with anomalies on the previous (1963) grid. However, it is shown above that the veins which caused the anomalies are narrow, and low in values.

Fill-in geochemical sampling shows that geochemical anomalies have a northerly strike, but are narrow and short. Sampling in trenches Numbers 1, 2, and 3, (Plates I, II, and III) shows that veins possess low values and are narrow.

Therefore, no further work is recommended in the claim area.

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