

OWL GROUP
 Atlas Explorations Limited
 330 Marina Building
 355 Burrard Street
 Vancouver, British Columbia.

Copper, Lead, Zinc
 105 E 11
 (63°38'N, 133°20'W)

Reference: Roddick (1961).

Claims: OWL 1 to 87

Location and Access:

The claims lie 20 miles north of the Anvil Mine on the north flank of a mountain range approximately 4 miles southwest of the Tay River. Access to the property is by helicopter or by float plane to Owl Lake six miles east of the claims.

History:

The initial Owl claims were staked in October 1969 to cover an area of anomalous Cu-Pb-Zn soil values ^{found} during the course of the Stokes Lake program in August and September of that year. An additional 44 claims were staked in June 1970.

Description:

The Owl Group is underlain by a group of Upper Devonian and Lower Mississippian sedimentary rocks, largely cherty grey-green and black argillites with minor limy sections; quartzite is less abundant. Outcropping rocks, which cover about 25 per cent of the claim area, strike northwest and dip moderately to steeply southwest.

The 1970 program consisted of geological mapping, soil sampling, and magnetometer, EM and gravity surveys. Most of the mineralization, sphalerite, galena, chalcopyrite and arsenopyrite, occurs in veins with a maximum width of 1 foot. Sample assays have returned the following values: .01 ounces per ton gold, 7.68 ounces per ton silver, .25 per cent copper, 4.0 per cent lead and 20.2 per cent zinc.

Owl Group cont.

Current Work and Results:

A soil geochemical survey indicated coincident copper, lead, and zinc anomalies 5,000 by 1,200 feet in the southern part of the area surveyed. This area was further studied with ground magnetometer, EM and gravity surveys. The gravity anomalies were considered to be the most promising.