

TOPLEY AREA  
Maps 93L/9E

CHEK CLAIM GROUP

A program of detailed silt sampling was commenced northeast of Topley in the vicinity of the TAC claims staked in 1972. Geological mapping was to have been conducted with this program but limited outcrop and personnel problems combined to require termination of the work.

Plate I shows silt sample results at a scale of 1" - 660'. Three anomalous areas are indicated.

A Zone

This zone exhibits values up to 660 ppm Cu, 4000 ppm Zn, 1050 ppm Pb and 3.0 ppm Ag, in an area approximately 5000' by 2000'.

The zone appears to terminate at the volcanic contact to the east. Scattered outcrops show northeast and northwest trending porphyritic dykes containing pink feldspar and hornblende phenocrysts. These dykes cut coarse grained Topley granite which appears unaltered and unmineralized.

No mineralized zones were found.

B Zone

A single creek is anomalous for zinc, silver and lead for a distance of about 3,000 feet. The zone lies along the assumed Topley granite - volcanic contact but no outcrops are known.

C Zone

Silt samples along two creeks are anomalous for zinc in an area about 3,000' by 1,000'. Limited outcrops reveal unaltered Topley granite. No mineralization was observed.

Limited soil sampling has been conducted over the southern portion of the CHEK claims with relatively poor results. Soils are generally dry, sandy and gravelly glacial till and it is doubtful that significant anomalies could be outlined.

In the region 4 miles to the west several old gold silver prospects occur as veins in volcanic formations. These are typified by the Topley Richfield property where values in gold, silver, lead, zinc and copper occur. It is presumed the anomalies on the CHEK group are caused by similar structures.