

INTEROFFICE MEMORANDUM

005172

TO: Gregg Jilson
FROM: Lee Pigage
DATE: May 24, 1988
SUBJECT: MAY 20, 1988 VISIT TO CATFISH CLAIMS, TUTSHI LAKE

Topography rises rapidly from Tutshi Lake to the mountains. Outcrop exposures are excellent on the upper steep mountain slopes. The lower slopes are extensively till covered with no outcrop. The till covered areas have a dense growth of alder. Soil sampling without cut lines in the alder will be difficult.

The recreation site on the lake would be a beautiful spot for a small tent camp. The road extending along the Paddy Creek valley would provide access to the area of interest. The road is not passable for a pickup truck without upgrading; it is passable for an ATV type vehicle.

During our walk along the Paddy Creek road, Cam and I only encountered a single rock type. Initial exposures consisted of a dark green, aphanitic greenstone containing minor green epidote clots. Metamorphic grade appears to be upper greenschist facies or lower amphibolite facies. Outcrops are massive with only an incipient, irregular, widely spaced fracture cleavage/joint system developed.

Farther to the south and west along the road, the greenstones contain a pervasive axial plane foliation. Compositional banding is subparallel to the foliation. Isoclinal folds are present locally. One outcrop contained a folded and foliated pale grey aplite/granite dyke. Systematic mapping would be required to indicate if the foliation was related to a major fault zone or simply developed on the margin of the greenstone unit.



Lee Pigage

/cb