

## G.T. Claims - Amoco Mining.

- On Great Creek @ 4200 - 5000 feet - west of central part of Kenaskan Lake 5 miles.

Property underlain by a series of vols & sed. which strike NE to N & dip moderately to steeply west. If beds are right sided, section is ① metab. cherts, quartzites, siltstones & sandstones on south, overlain by ② phylolite flows & breccias and ③ intermediate crystal tufts, probably andesite, which occurs on the west valley wall. - ④ Cherts, quartzites, occur to west.

These rocks are intruded by east trending sheets of ⑤ diorite which has a porphyritic border phase, and ⑥ a pink quartz monzonite, which is later. These bodies are up to 600 feet or so wide but are irregular in form probably sub-volcanic feeders.

Intrusion of these rocks has caused some pervasion of phylolite unit on south, plus a well developed stockwork of qtz vlt. This zone, about 200 feet wide in creek, shows best Cu vein with py in qtz vlt. Cu also occurs in veins in ④ & ⑤.

Faults appear to bound min. zone. - ENE faults plus N-S zone in or paralleling creek. Amount or timing of movement on different faults still a problem. Form of intrusion may plunge to west as does breccia zone containing mineralization. Plan is to put ~~a series of~~ <sup>five</sup> drill holes - central - above creek on west valley wall to determine if this is valid.

Mineral appearance of diorite & monzonite suggests they are cause of brecciation & qtz veining in adjacent little acid volcanics.

Summer program was 5000 feet of drilling in 5 holes from single set-up - vertical, and 60° to N, S, E & W. Arny Putter, geologist and in charge.

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PROPERTY FILE

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# QC Group - Anoco Mining

- On Quash Creek - 8 miles SE of Kahudde Ok.
- situated between 3500 & 6000' on Klathine Plateau near NW edge - ~~fragmental~~ <sup>fragmental</sup> plateau - Quash Cr. deeply eroded creek on NW edge of plateau.
- dissected plateau.
- Prominent non-skinning on SW side of Quash Cr. attracted interest - in 1964 studied by Covert.

Central area of claim group underlain by uniform andesites - fragmental in part, and finely bedded light gray siltstones. These rocks are intensely fractured with chlorite water fractures + pyrite + minor chalc. Epidote attraction bordering features not uncommon.

To the north, these rocks are in fault contact with N70-00E fault, against gray volcanics with no pyrite or hematite stain.

- Volcanics apparently strike north-south - horizontal regular - dip to west.

- Alt'd vol + sds in central part of area are intruded by dikes & mag masses of hb feldspar pyrox - strike EW or N-S. - Most intense Cu & Fe stain adjacent to such intrusives, which, in contact to highly fractured vols - are more massive & contain less pyrite. - copper common in masses as replacements.

Best zone on surface trends east-west, across central part of property.

6000 feet of drilling on 9 holes - A.S. (Tony) Webb in charge on property.

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