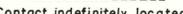


EXPLANATION

- | | | | |
|---------------------------------------|---|--|--|
| Upper Jurassic
or Lower Cretaceous |  | Unconsolidated sediments, alluvium, glacial drift | QUATERNARY |
| |  | Quartz diorite, has varying amounts of plagioclase and hornblende, also aplite veins and dikes | |
| |  | Hornblende plagioclase gneiss and infolded mica and garnetiferous schist | OROVICIAN (?)
TO JURASSIC
OR YOUNGER |
| |  | Calcareous gneiss and schist; contains beds and stringers of crystalline limestone | |
| |  | Contact, indefinitely located | |
| |  | Lineament determined from aerial photographs | |
| |  | Dashed where inferred | |
| |  | Strike and dip of foliation | |
| |  | Proposed tunnel route and powerhouse site | |
| |  | Proposed alternate tunnel route and powerhouse site | |

**GEOLOGIC RECONNAISSANCE MAP OF PROPOSED POWERSITES AT SCENERY LAKE
SWAN LAKE, AND RUTH LAKE, NEAR PETERSBURG, ALASKA**

2000 0 2000 4000 6000 8000 FEET
Contour interval 1000 ft.

Geology by J.C. Miller,
assisted by D.K. Fowler, 1951