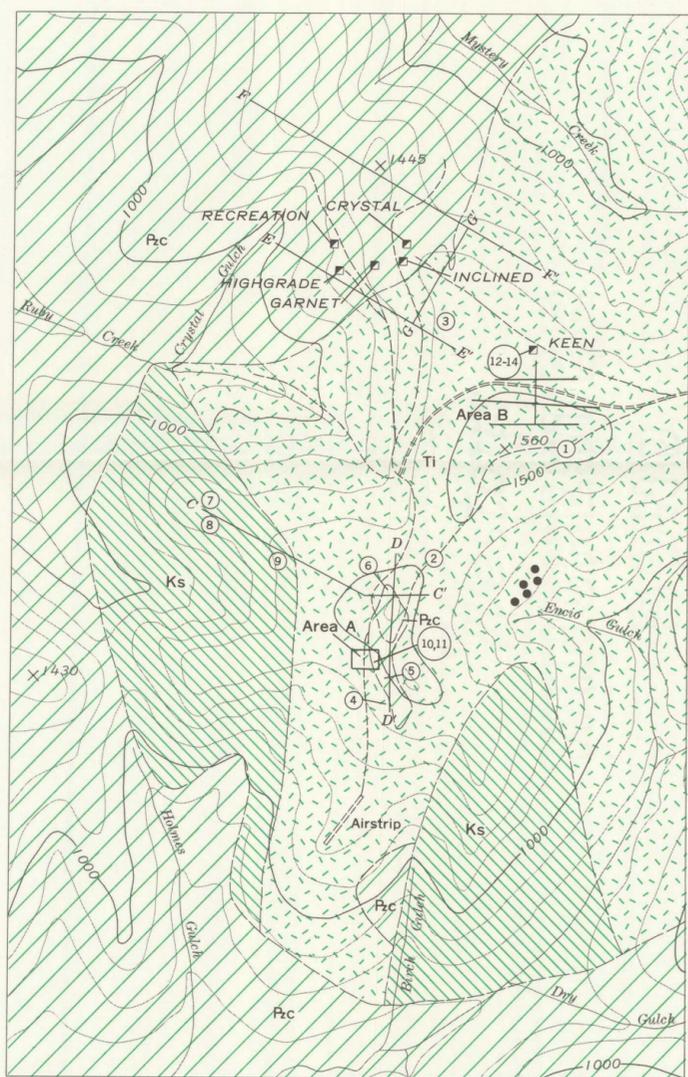
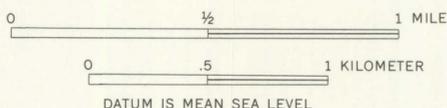


A. MAP SHOWING GENERALIZED GEOLOGY



Base from Medfra A-4 quadrangle; scale 1:63,360
Geology modified slightly from Herreid (1966)



B. GEOLOGIC MAP OF THE NIXON FORK MINES AREA SHOWING LOCATION OF SAMPLING TRAVERSES AND AREAS DISCUSSED IN TEXT

EXPLANATION

- Qs
Surficial deposits
- IGNEOUS ROCKS**
- Ti
Intrusive rocks
Includes quartz monzonite and granite
- SEDIMENTARY ROCKS**
- Ks
Graywacke sandstone, shale, and siltstone
- Pc
Chiefly carbonate rocks
- QUATERNARY**
- TERTIARY**
- PALEO-CRETACEOUS**
- ZOIC**
- Contact
Dashed where approximately located; queried where inferred
- Thrust fault, approximately located
Queried where inferred; sawteeth on upper plate
- Lineament
Traced from aerial photographs
- Boundaries of Iditarod-Nixon Fork fault zone
Queried where inferred or covered
- Road
- Old road or trail
- Mine workings
- Shaft and name
- Line of soil-sampling traverse
- Location of rock sample
- Location of spring-sediment sample