

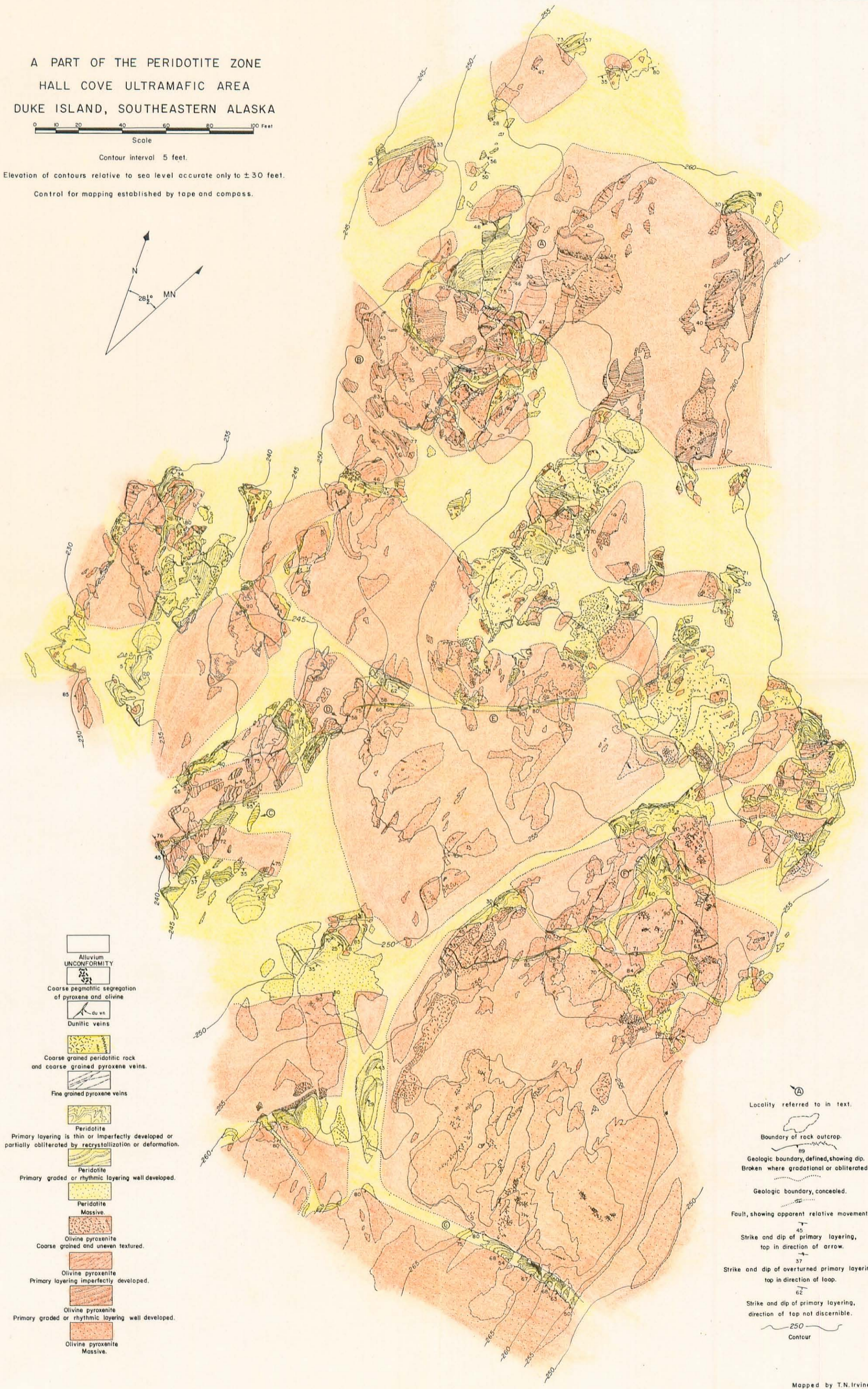
A PART OF THE PERIDOTITE ZONE
 HALL COVE ULTRAMAFIC AREA
 DUKE ISLAND, SOUTHEASTERN ALASKA



Scale
 Contour interval 5 feet.

Elevation of contours relative to sea level accurate only to ± 30 feet.

Control for mapping established by tape and compass.



- Alluvium UNCONFORMITY
- Coarse pegmatitic segregation of pyroxene and olivine
- Dunitic veins
- Coarse grained peridotitic rock and coarse grained pyroxene veins.
- Fine grained pyroxene veins
- Peridotite
Primary layering is thin or imperfectly developed or partially obliterated by recrystallization or deformation.
- Peridotite
Primary graded or rhythmic layering well developed.
- Peridotite
Massive
- Olivine pyroxenite
Coarse grained and uneven textured.
- Olivine pyroxenite
Primary layering imperfectly developed.
- Olivine pyroxenite
Primary graded or rhythmic layering well developed.
- Olivine pyroxenite
Massive.

- Locality referred to in text.
- Boundary of rock outcrop.
- Geologic boundary, defined, showing dip. Broken where gradational or obliterated.
- Geologic boundary, concealed.
- Fault, showing apparent relative movement.
- Strike and dip of primary layering, top in direction of arrow.
- Strike and dip of overturned primary layering, top in direction of loop.
- Strike and dip of primary layering, direction of top not discernible.
- Contour