INTRUSIVE ROCK

Du	Dunite	< 10% Pyroxene
Pd	Peridotite	> 40% < 90% Olivine
Opx	Olivine Pyroxenite	> 10% < 40% Olivine
Px	Pyroxenite	< 10% Olivine
Hpx	Hornblende Pyroxenite	
Gb	Gabbro	
Sgb	Saussuritized Gabbro	
Bas	Basaltic Dikes	
Peg	Pegmatitic Dikes	
	Rocks containing >10% Magnetite	

METAMORPHIC ROCK

Sch	Schist
Ph	Phyllite

SEDIMENTARY ROCK

Cg	Conglomerate
Ar	Arkosic Facies
Q	Quaternary (Alluvium & Glacial drift)

STRUCTURE SYMBOLS

- Mineral banding in intrusive rocks
- Strike and dip of bedding
- Vertical bedding
- Plunge of lineation
- Strike and dip and plunge of folds
- Predominant foliation in metamorphic rocks
- Foliation in intrusive rocks
- Bands of magnetite

CONTACTS

- Well exposed
- Poorly exposed; approximately located
- Covered
- Dip of contacts
- Faults

FIGURE 3

GEOLOGY OF UNION BAY AREA

SOUTHEASTERN ALASKA

GEOLOGY BY JOHN C. RUCKMICK

1954 – 1956

N

SCALE IN FEET

1320 660 0 1320 2640 3960 5280 6600

CONTOUR INTERVAL: 500 FEET