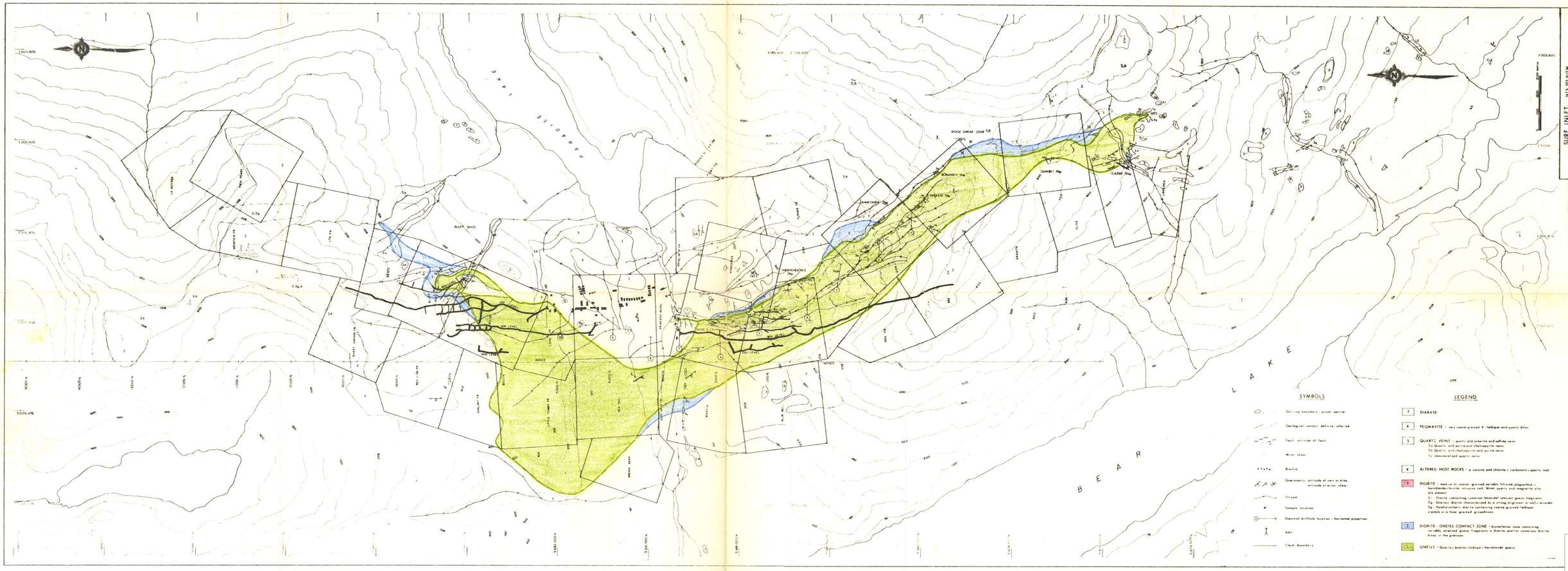
SURF INLET
N.T.S. 103 H/12 W
GEOLOGY and SAMPLE LOCATION MAP
1:10,000
SYMBOLS
Outcrop boundary - actual, percent
Geological contact definite - inferred
Fault - attitude of fault
Minor shear
Breccia
Gneissosity - attitude of vein or dike
attitude of minor shear
Stream
Sample location
Diamond drillhole location - horizontal projection
Adit
Claim boundary
LEGEND
7 DIABASE
6 PEGMATITE - very coarse grained K-feldspar and quartz dikes
5 QUARTZ VEINS - quartz and siderite and sulfide veins
5a Quartz and pyrite and chalcopyrite veins
5b Quartz and chalcopyrite and pyrite veins
5c Unmineralized quartz veins
4 ALTERED HOST ROCKS - a. sericite and chlorite - carbonate - quartz rock
3 DIORITE - medium to coarse grained, variably foliated, plagioclase - hornblende - biotite intrusive rock. Minor quartz and magnetite also are present.
3c - Diorite containing numerous lenticular remnant gneiss fragments
3b - Gneissic diorite characterized by a strong alignment of mafic minerals
3a - Porphyroblastic diorite containing coarse grained feldspar crystals in a finer grained groundmass
2 DIORITE - GNEISS CONTACT ZONE - Assimilation zone containing variably oriented gneiss fragments in diorite and/or numerous diorite dikes in the gneisses
1 GNEISS - Quartz - biotite - feldspar - hornblende gneiss
BEAR LAKE
PARADISE LAKE
RIDGE SHEAR ZONE
BONANZA
TRIUMPH
CASSIE
JANACHEW
DEPENDENCE
PACIFIC ROAD
BLUFF SHOS
LA BOTTE
PEN PEAK
ADIT
825976
inches
centimetres