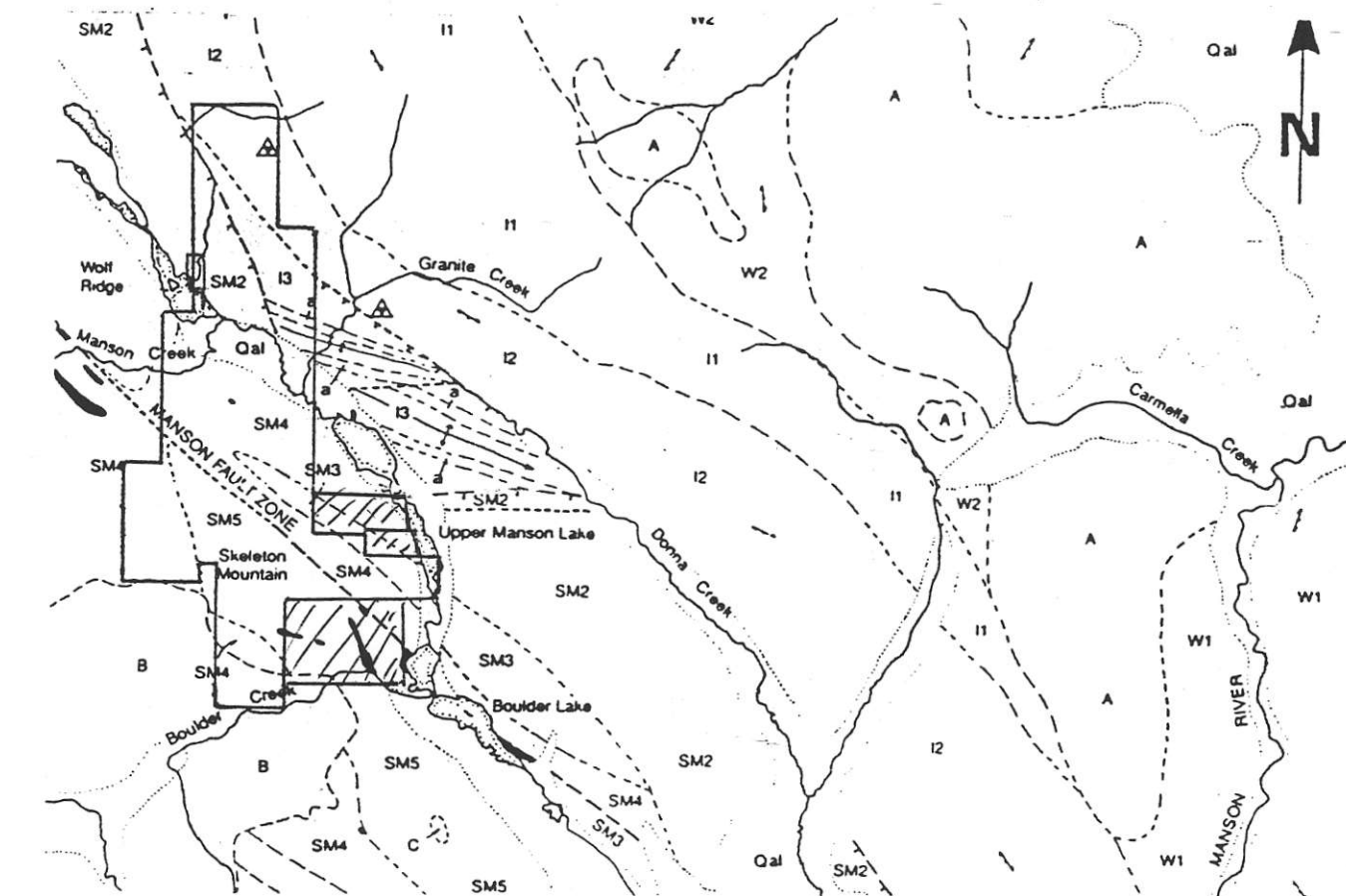


MANSON CREEK REGIONAL GEOLOGY



QUATERNARY

Qal Glacial till and alluvium

TERTIARY (?)

C Intermediate to felsic flows and dykes

UPPER CRETACEOUS

B Germansen batholith: granite and minor granodiorite

UPPER PALEOZOIC AND YOUNGER SLIDE MOUNTAIN GROUP

SM5 Argillaceous sandstone, phyllite, gritty phyllite

SM4 Phyllite, argillite, argillaceous limestone

SM3 Gabbro

SM2 Malic to intermediate volcanics, tuff, siltstone, minor argillite, chert, and gabbro

SM1 Ultramafics: serpentine, talc-serpentine, and talc-ankerite schists

UPPER DEVONIAN/LOWER MISSISSIPPIAN

Δ Syenite and carbonatite

PROTEROZOIC

INGENIKA GROUP

I3 Upper: Phyllite and lesser quartzite and argillaceous quartzite. a - Middle carbonate member

I2 Middle: Quartzite, argillaceous quartzite, and schist

I1 Lower: Meta-arkose, meta-grey wacke, schist, quartz-feldspar gneiss and minor calc-silicate and amphibolite gneiss

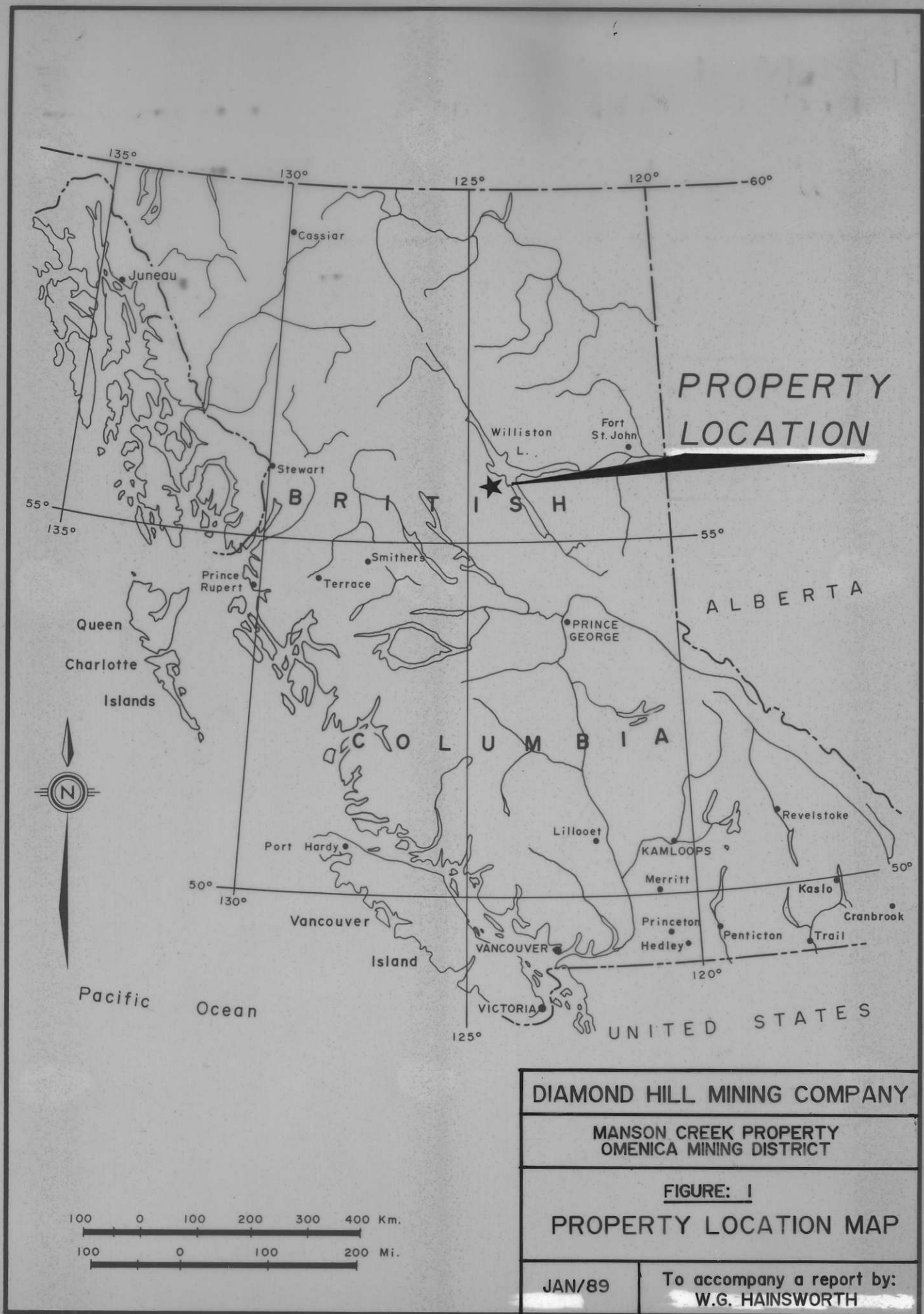
WOLVERINE COMPLEX

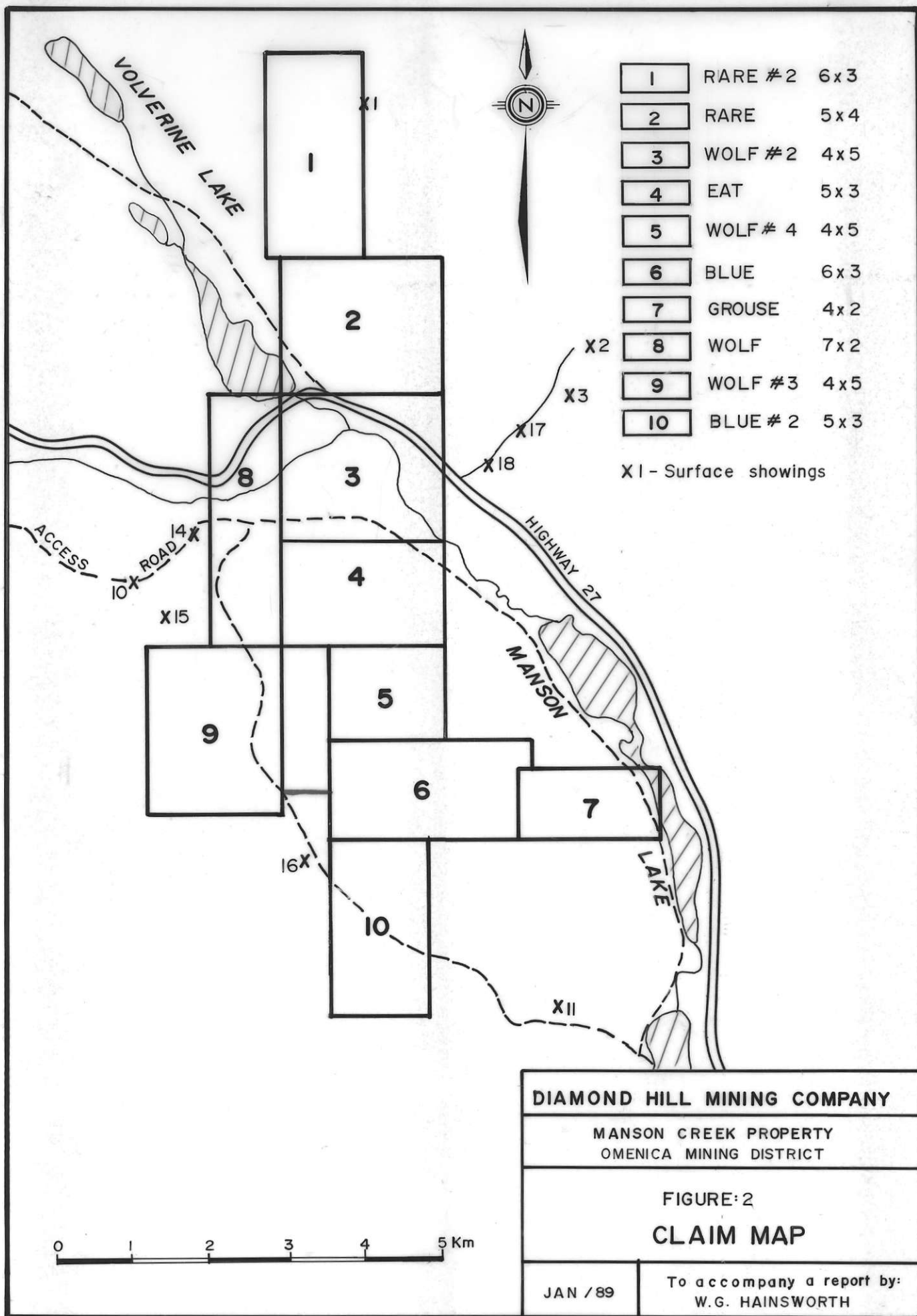
W2 Schist and quartz-feldspar gneiss intruded by granodiorite and related pegmatite*

W1 Amphibolite and calc silicate gneiss, schist and quartz-feldspar-gneiss intruded by granodiorite and pegmatite*

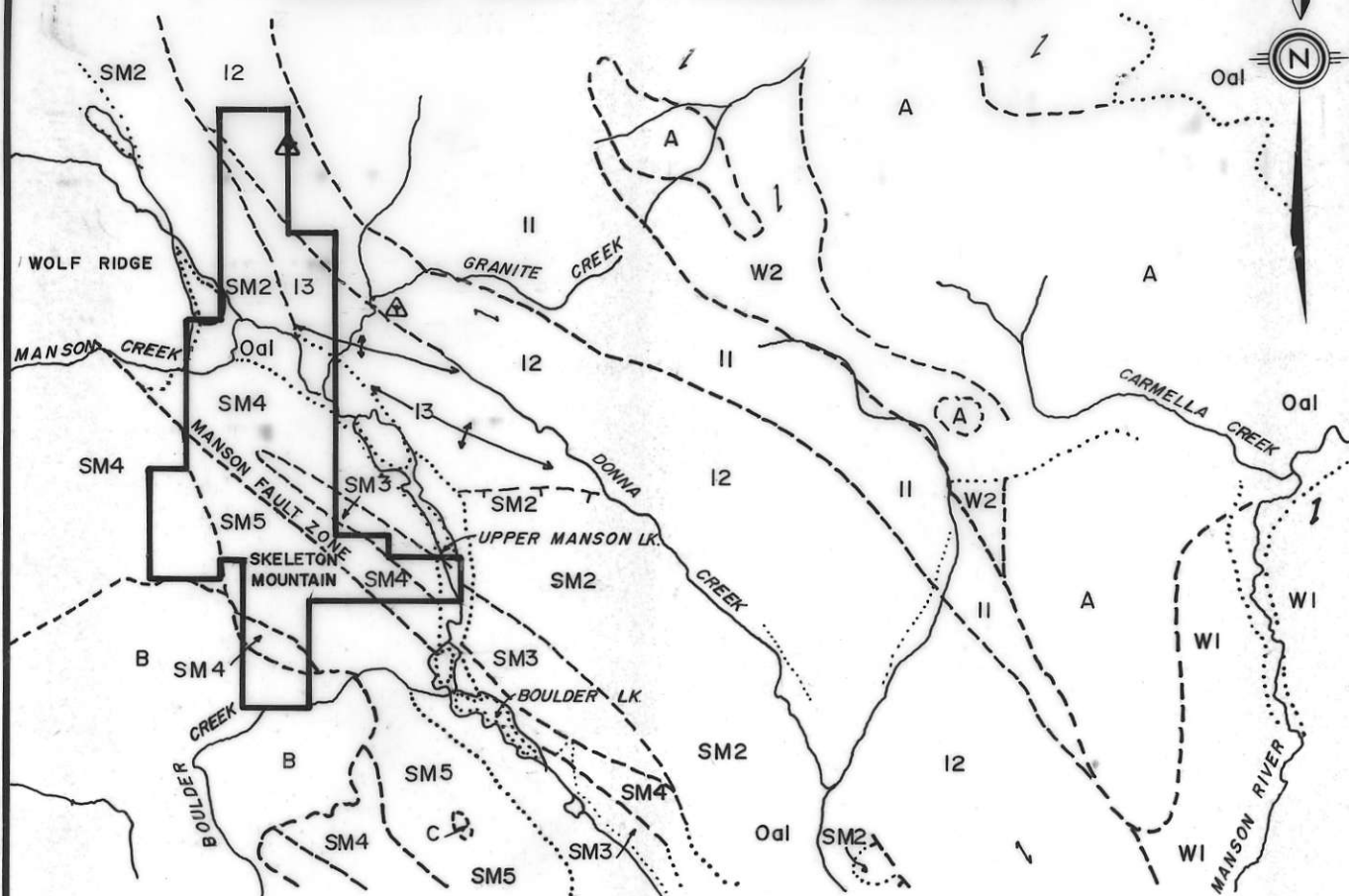
A Foliated granodiorite and pegmatite*







MANSON CREEK REGIONAL GEOLOGY



QUATERNARY

Oal GLACIAL TILL and ALLUVIUM

TERTIARY (?)

C INTERMEDIATE to FELSIC FLOWS and DYKES

UPPER CRETACEOUS

B GERMANSEN BATHOLITH: GRANITE and MINOR GRANODIORITE

UPPER PALEOZOIC AND YOUNGER SLIDE MOUNTAIN GROUP

SM5 ARGILLACEOUS SANDSTONE

SM4 PHYLLITE

SM3 GABBRO

SM2 VOLCANICS

SM1 ULTRAMAFICS: SERPENTINE, TALC-SERPENTINE, and TALC-ANKERITE SCHIST

UPPER DEVONIAN/LOWER MISSISSIPPIAN

Δ SYENITE and CARBONITE

PROTEROZOIC

INGENIKA GROUP

I3 PHYLLITE

I2 SCHIST

I3 QUARTZ - FOLDSAPAR GNEISS

WOLVERINE COMPLEX

W2 SCHIST and QUARTZ - FELDSPAR GNEISS INTRUDED by GRANODIORITE and RELATED PEGMATITE

W1 AMPHIBOLITE and CALC SILICATE GNEISS, SCHIST and QUARTZ - FELDSPAR GNEISS INTRUDED by GRANODIORITE and PEGMATITE

A FOLIATED GRANODIORITE and PEGMATITE

DIAMOND HILL MINING COMPANY

MANSON CREEK PROPERTY
OMENICA MINING DISTRICT

FIGURE: 3 GEOLOGY MAP

JAN/89

To accompany a report by:
W.G. HAINSWORTH