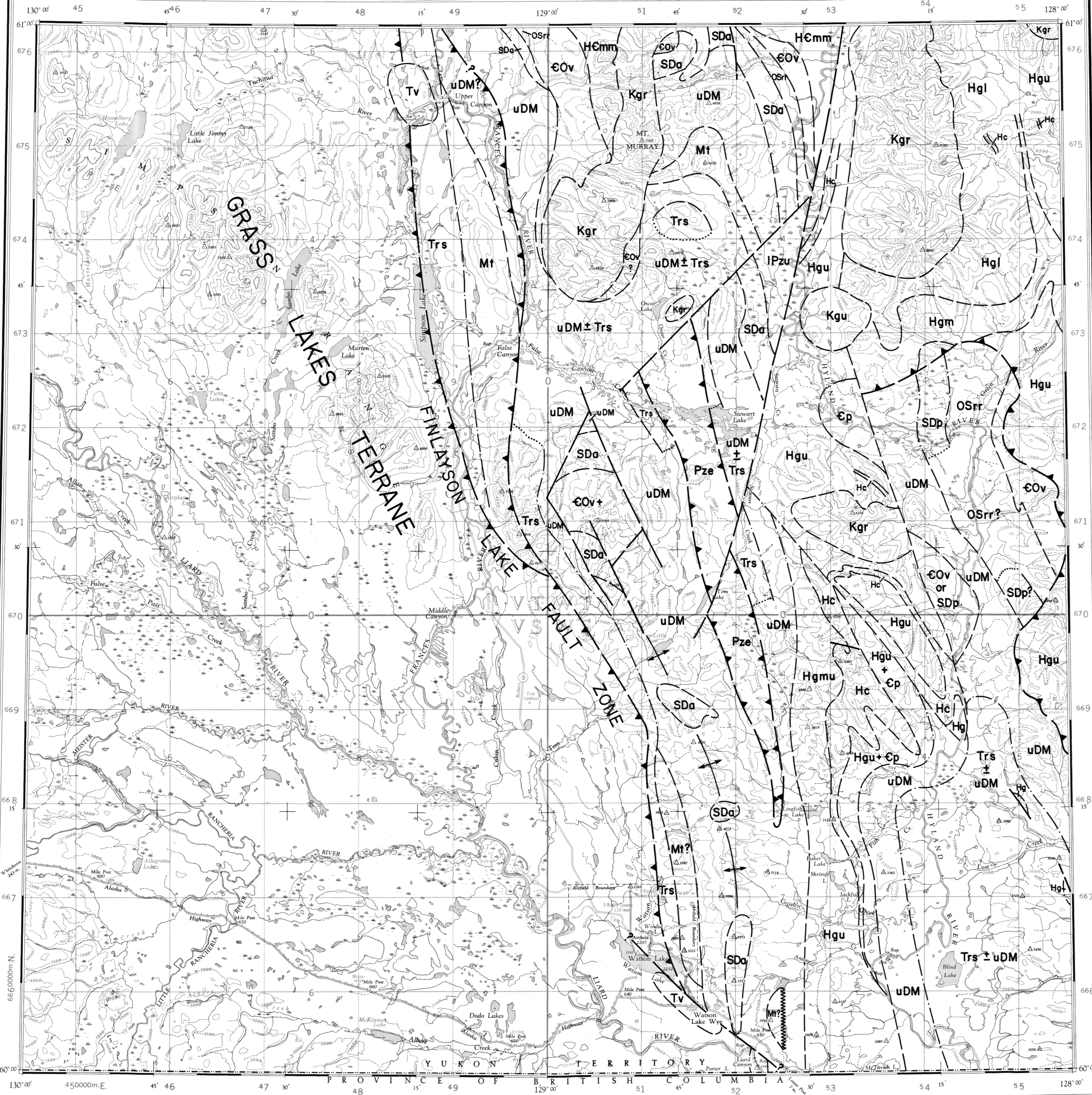


LEGEND

LITHOLOGY



Military users, refer to this map as: Révision de la carte pour usage militaire.

INDEX OF 1:50,000 SCALE GEOLOGICAL MAPS. Table with columns for map sheet numbers and names like GRASS LAKES, FINLAYSON LAKE, etc.

INDEX OF 1:50,000 SCALE GEOLOGICAL MAPS

TERTIARY

907 Tv OLIVINE BASALT - LOCAL COLUMNAR JOINTING

CRETACEOUS

928 Kgr GRANODIORITE AND QUARTZ MONZONITE

TRIASSIC (MISSISSIPPIAN TO JURASSIC)

910 Trs DARK VARIABLY CALCAREOUS GREY SHALE AND SILTSTONE. THIN BEDDED RIPPLE, CROSS LAMINATED MICACEOUS SANDSTONE. QUARTZ + FELDSPAR (?) POORLY SORTED SANDSTONE TO GRIT - LOCAL BLUE QUARTZ. TYPICALLY WITH DETRITAL MICA, MINOR LIMESTONE.

PALEOZOIC? PRE TRIASSIC

908 Pze MAFIC METAVOLCANIC ROCKS, META CHERT, PHYLLITE ECGOLITE AND GARNET AMPHIBOLITE COMMON, MINOR ULTRAMAFIC ROCK.

UPPER DEVONIAN AND MISSISSIPPIAN

936 uDM BLACK SHALE AND SILTSTONE, MINOR CHERT - LOCAL CHERT PEBBLE CONGLOMERATE

918 M1 GREEN CHERT - MAY BE AS YOUNG AS PERMIAN

MIDDLE DEVONIAN

mDc DARK GREY CRINOIDAL LIMESTONE - 2 HOLED CRINOIDS

LATE SILURIAN? - MID DEVONIAN?

909 SDa MASSIVE DOLOMITE AND ORTHOQUARTZITE - BASAL UNIT FINE DOLOMITE PLATY SANDSTONE

938 SDp MEDIUM GREY NON-CALCAREOUS TO CALCAREOUS PHYLLITE - INTERBEDS OF DOLOMITIC SILTSTONE, DOLOMITIC QUARTZITE AND DOLOMITE. PHYLLITES TYPICALLY BURROW MOTTLED.

ORDOVICIAN TO SILURIAN?

OSrr ROAD RIVER GROUP THINLY INTERBEDDED BLACK SHALE, BLACK LIMESTONE AND SILTSTONE

CAMBRIAN AND ORDOVICIAN VANGORDA FORMATION

920 COv MEDIUM GREY CALCAREOUS PHYLLITE AND PHYLLITE LIMESTONE

LOWER CAMBRIAN MT. MYE FORMATION - EQUIVALENTS

943 Cp MEDIUM TO DARK GREY THINLY BEDDED NON-CALCAREOUS PHYLLITE

SEKWI FORMATION

Ca ORANGE TO TAN WEATHERING DOLOMITE AND QUARTZITE

PALEOZOIC

Pzuc UNDIFFERENTIATED PALEOZOIC CARBONATES AND LESSER SHALES (Ca, COv, OS)

Pzus UNDIFFERENTIATED PALEOZOIC SHALES (uDM + OSrr)

IPzu UNDIFFERENTIATED (Hcmm, COv, OSrr)

HADRYNIAN AND LOWER CAMBRIAN MT. MYE FORMATION

943 Hcmm NON-CALCAREOUS PHYLLITE AND SCHIST

"GRIT UNIT"

UPPER DIVISION

916 Hgu GREEN AND GRAY NON-CALCAREOUS PHYLLITE AND VARIABLY CALCAREOUS QUARTZ + FELDSPAR GRIT TO QUARTZITE. SANDSTONES TYPICALLY POORLY SORTED, POORLY BEDDED, AND CONTAIN BLUE QUARTZ

906 Hc CALCITE MARBLE, LIMESTONE, DOLOMITE

MIDDLE DIVISION

Hgm MEDIUM TO DARK GREY NON-CALCAREOUS PHYLLITE, VARIABLY CALCAREOUS GRIT AND QUARTZITE, MINOR MARBLE.

916 Hg UNDIFFERENTIATED GRIT UNIT

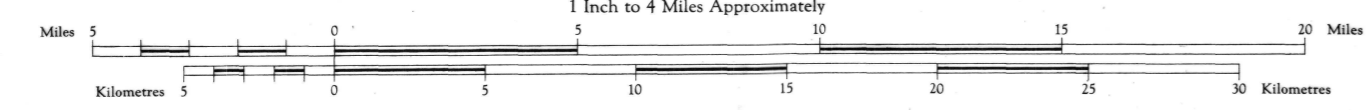
SYMBOLS

- Geological contact - approximate
Geological contact - assumed
Normal fault
Thrust fault
Anticlinal axis

Universal Transverse Mercator Projection
All Elevations in Feet above Mean Sea Level
Control Interval 500 Feet
North American Datum 1927

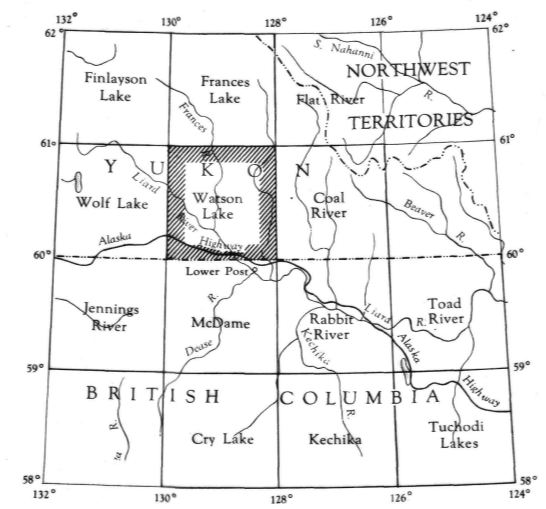
WATSON LAKE YUKON TERRITORY

Scale 1:250,000



REFERENCE

- Triangulation Station
Control Station
Water Level
Road
Railroad
River
Lake
etc.



WATSON LAKE Y.T. SHEET 105 A EDITION 3

CYPRUS ANVIL MINING CORPORATION
ANMAC PROJECT
YUKON TERRITORY
GEOLOGY MAP
WATSON LAKE SHEET
DATE: JULY 1981