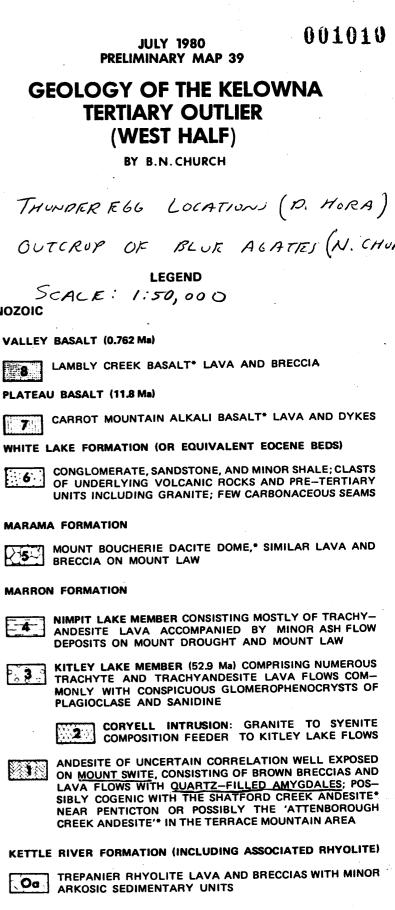
LOCATION REPORTED TO CONTAIN BLUE AGATES UP
TO SOFT BALL SIZED SOME ARE OPEN AND LINED WITH QUARTE
CRYSTALS. MUST ARE FILLED AND DISPLAY EITHER
CONCENTRIC OR HURIZONTAL BANDING. THEY ARE
QUITE COMMON IN ANDTESITE HURIZON JUST NURTH -
WIKST OF MISTBANK, BEST LOCATION SITUATED
ON SOUTH FLANK OF MT. SWITE (SEE MAP 39)
REFERENCE:
NEILL CHURCH (PERS, Comm).





JULY 1980 PRELIMINARY MAP 39

GEOLOGY OF THE KELOWNA TERTIARY OUTLIER (WEST HALF)

BY B.N. CHURCH

THUMPER EGG LOCATIONS (D. HORA)

DO OUTCRUP OF BLUE AGATES (N. CHURG

SCACE: 1:50,000

VALLEY BASALT (0.762 Ma)

LAMBLY CREEK BASALT* LAVA AND BRECCIA

PLATEAU BASALT (11.8 Ma)

CARROT MOUNTAIN ALKALI BASALT* LAVA AND DYKES

WHITE LAKE FORMATION (OR EQUIVALENT EOCENE BEDS)

CONGLOMERATE, SANDSTONE, AND MINOR SHALE; CLASTS OF UNDERLYING VOLCANIC ROCKS AND PRE-TERTIARY UNITS INCLUDING GRANITE; FEW CARBONACEOUS SEAMS

MARAMA FORMATION

MARRON FORMATION

NIMPIT LAKE MEMBER CONSISTING MOSTLY OF TRACHY-ANDESITE LAVA ACCOMPANIED BY MINOR ASH FLOW DEPOSITS ON MOUNT DROUGHT AND MOUNT LAW

KITLEY LAKE MEMBER (52.9 Ma) COMPRISING NUMEROUS TRACHYTE AND TRACHYANDESITE LAVA FLOWS COM-MONLY WITH CONSPICUOUS GLOMEROPHENOCRYSTS OF PLAGIOCLASE AND SANIDINE

LAVA FLOWS WITH QUARTZ-FILLED AMYGDALES; POS-SIBLY COGENIC WITH THE SHATFORD CREEK ANDESITE* NEAR PENTICTON OR POSSIBLY THE 'ATTENBOROUGH CREEK ANDESITE'* IN THE TERRACE MOUNTAIN AREA

KETTLE RIVER FORMATION (INCLUDING ASSOCIATED RHYOLITE)

ARKOSIC SEDIMENTARY UNITS

SPRINGBROOK FORMATION

CONGLOMERATE CHANNEL DEPOSITS COMMONLY WITH MANY PRE-TERTIARY CHERT AND GREENSTONE CLASTS

PRE-CENOZOIC BASEMENT ROCKS

MAINLY GRANITIC INTRUSIONS OF THE OKANAGAN BATHOLITH (LOWER CRETACEOUS-UPPER JURASSIC)