

GEOLOGY OF THE SUMMERLAND CALDERA

LEGEND

EOCENE

WHITE LAKE FORMATION

MOSTLY POLYMICTIC VOLCANIC CONGLOMERATE AND SANDSTONE WITH MINOR CARBONACEOUS SEAMS

MARAMA FORMATION

DACITE LAVA AND BRECCIA

MARRON FORMATION

NIMPIT LAKE MEMBER: TAN TRACHYTE AND TRACHYANDESITE LAVA (LV) AND ASH FLOWS (AF)

KITLEY LAKE MEMBER: MOSTLY FELDSPATHIC TRACHYANDESITE LAVA

YELLOW LAKE MEMBER: RHOMB-PORPHYRY SILL

KETTLE RIVER FORMATION

MOSTLY GRANITE BOULDER CONGLOMERATE AND BRECCIA

PRE-TERTIARY

GRANITIC BASEMENT ROCKS

5502000N
UTM
303000E

• WATER SAMPLES
X ROCK SAMPLES

48 Ma K/Ar Date

