CONSOLIDATED LEGEND, MAPS 1–3

Road, track

Topographic contour (m)

Spot height (m)

Trig. beacon

Bedding, upright

Overturned

Younging unknown

Minor fault

Cataclastic foliation

Stylolitic cleavage

Lineation on fault/foliation surface, with sense of hangingwall movement

STRATIGRAPHIC CONTACTS

Conformable, precisely located

Approximately located

Located by back-projection from profile

Unconformable, precisely located

Approximately located

Poorly located

FAULTS (long dashes where location approximate, short dashes where poor)

Thrust, with dip

Low-angle normal, with dip

High-angle, with dip and sense (where known)

FOLD HINGES (long dashes where location approximate)

Anticline, with plunge and axial plane dip

Syncline

Overturned syncline

Minor fold (viewed downplunge), with attitude of hinge

SECTION LINES A–A’

LITHOLOGIC UNITS

Sandstone

Breccia

Conglomerate

Limestone

Marl/greensand

Eocene smectite mudstone; smectitic melange

Tokomaru Sandstone

Kapitean (Tk) Messianian

Whangai Formation

Haumurian–Teurian (Mh-Dt) Maastrichtian–Paleocene

Tongaporutuan mudstone

Tongaporutuan (Tk) Tortonian

Haumurian–Teurian, incl. black shale marker bed (thickness exaggerated)

Haumurian–Teurian (Mh-Dt) Maastrichtian–Paleocene

Ihungia Formation

Waitakian–Altonian (Lw-Po) Aquitanian–Burdigalian

Karekare Formation

Arowhanian–Taranian (Ra–Rt) Cenomanian–Santonian

Sandstone/breccia lithotype

Waitakian–Otaian (Lw-Po) Aquitanian–Burdigalian

Tikihore Fm., showing constituent stages & est. marker bed (thickness exaggerated)

Arowhanian–Piripauan (Ra–Mp) Cenomanian–Santonian–?Campanian

Opossum Creek sandstone lithofacies

Waitakian (Lw) Aquitanian

Waitahaia Formation

Ngaterian (Co) Albian–Cenomanian

Limestone/greensand lithotype

Whaingaroa–Waitakian (Lw–Lw) Rupelian–Aquitanian

Mokolwi Formation, incl. Taial Sandstone Member

Urutawan–Motuan (Cu–Cm) Albian