

REVISED GEOLOGICAL MAP OF THE NELSON-RICHMOND URBAN AREA

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LEGEND

xx Reclaimed land, landfill

Holocene and Late Quaternary terrestrial sediments

ul Slope failure deposits

un Nelson Alluvium

ua Appleby Gravel (ua), Pugh Gravel Member (uap)

ush usp Stoke Fan Gravel (ush: Holocene, usp: late Quaternary)

uh Hope Gravel
uhf (fan)

Late Quaternary marine sediments

qe Estuarine Deposits

qb Boulder Bank Gravel

qt Tahunanui Sand/Rabbit Island Gravel



ja Magazine Point Fmt. -- Whaingaroan (Lwh)-Otaian (Po)-Altonian (Pl)
jas: Igneous breccia

jw Wakatu Fmt. -- Whaingaroan (Lwh)-Waitakian (Lw)

jk Kawai Fmt. -- Runangan (Ar)-Early Whaingaroan (Lwh)

jb Braemar Fmt. -- Kaiatan (Ak)

jm Marsden Fmt. -- Kaiatan (Ak)-Runangan (Ar)

Fault

Kb Bishopdale Conglomerate (late Early Cretaceous?)

Fault

Basement Terranes (Eastern Province)

Dun Mountain-Maitai Terrane

Ym-Tm Maitai Group

Dun Mountain Ophiolite

Murihiku Terrane

Tr Richmond Group

Brook Street Terrane

Yb Brook Street Volcanics Group

shear zone Kw Wakapuaka Phyllonite

Drumduan Terrane

ac Tasman Intrusives
Cable Grandiorite

Jd Drumduan Group

Reverse Fault

Normal Fault

Fault
Strike-slip component

concealed/inferred

concealed/inferred

Fault

triangle on hanging wall

ticks on hanging wall

undetermined sense of slip

1

late Quaternary fault scarp

Axial trace of syncline

concealed

Bedding

/,45 x80 overturned

Borehole (www.nzgd.org.nz)

tm 16.5
(intersected unit) depth (in m) of intersection of the unit

Trace of cross section

1 (See Plate 2 for cross sections)