12H(438) original upstairs

Plate 6

Geology of the Western Burlington Peninsula and the Baie Verte Lineament

1: 63,360 (1 inch = 1 mile)

Legend

Fleur de Lys Supergroup

(a) Western Division

- 38 pre Fleur de Lys basement (? Grenville)
- 37 Middle Arm Pond Metaconglomerate Formation
- 36 Seal Cove Group
- 35 Rattling Brook and White Bay Groups
- 34 Birchy Schist and Garden Cove Formations
- 33 Flat Point Formation
- 32 ophiolitic ultramafic rock and derivatives
- 31 ophiolitic gabbro and derivatives

(b) Eastern Division

- 30 Mings Bight Group
- 29 Paquet Harbour Group

(c) syn or pre-kinematic intrusive rocks

- 28 Burlington Granodiorite
- 27 Dunamagon Granite

(d) post-kinematic intrusive rocks

- 26 Celebes Pond, Wild Cove Pond, Partridge Point and other mainly granitic bodies
- 25 diorite and tonalite

Baie Verte Group

(a) ophiolite complex

- 24 harzburgite, minor dunite; serpentinite derivatives
- 23 transition zone ; cumulate ultramafic rocks
- 22 cumulate and other gabbro
- 21 100% sheeted diabase dyke complex
- 20 pillow lava

(b) mafic volcanics and volcaniclastics

- 19 unseparated
- 18 mainly pillow lava } unspecified unit
- 17 mafic volcaniclastics } unspecified unit

Flatwater Pond Mic Mac Lake area

- 15 Teardrop Pond Formation
- 16 Boudin Pond Formation
- 14 Kidney Pond Conglomerate Formation
- 13 Jukes Point Formation
- 12 Slink Pond Pillow Lava Formation
- 11 Neales Bay Formation
- 10 White Bay Waters Pillow Lava Formation

Mings Bight area

- 8 mafic volcaniclastics
- 9 porphyritic dolerite
- 7 pillow lava

Mic Mac Lake Group

- 6 lower unit-eutaxitic ignimbrites, conglomerates, mafic lava minor rhyolite } Armageddon Formation
- 5 upper unit - rhyolite, rheoignimbrite, minor ignimbrite } Armageddon Formation
- 4 mafic lava, conglomerate } Snoopy Pond Formation
- 3 quartz perthite porphyry eutaxitic ignimbrite } Snoopy Pond Formation
- 2 sandstone } Snoopy Pond Formation
- 1 porphyry, rhyolite, syenite - ring complex

- lithologic contact
- fault
- tectonic slide of Fleur de Lys D_1 or D_2 age
- " " " " " D_3 age
- " " " Baie Verte D_{1B} age
- thrust fault " " " " "
- road
- track
- power transmission line

Sources

Neale, 1958, 1959 a,b

Neale, Nash and Innes, 1960

Neale and Nash, 1963

Watson, 1947

Kennedy, 1971

mapping by W.S.F. Kidd J.T. Bursnall M.J. de Wit J.F. Dewey and J.M. Bird

compilation by W.S.F. Kidd

UNITS NUMBERED BY J.R. DEGRACE FROM COLOURING BY W.S.F. KIDD, 1974

1 0.5 0 1 2 3 4 miles

1 0 1 2 3 4 5 6 7 kilometres