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FIGURE 4

Stratigraphic sections and facies relations of Carboniferous and Permian rocks around Tanquary Fiord in northwestern Ellesmere Island

EXPLANATION

LITHOLOGY

- LIMESTONE
- LIMESTONE, shaley
- LIMESTONE, silty
- LIMESTONE, sandy
- LIMESTONE, cherty
- LIMESTONE, anhyditic
- LIMESTONE, silty and cherty
- LIMESTONE, shaley and anhyditic
- DOLOMITE
- DOLOMITE
- SANDSTONE
- SANDSTONE, calcareous
- SANDSTONE, silty
- SANDSTONE, silty and calcareous
- SANDSTONE, cherty
- SILTSTONE
- SILTSTONE, calcareous
- SILTSTONE, shaley
- SILTSTONE, shaley and calcareous
- SILTSTONE, cherty and calcareous
- CONGLOMERATE
- CONGLOMERATE, sandy or conglomeratic sandstone
- CONGLOMERATE, calcareous
- SHALE
- SHALE, silty
- SHALE, calcareous
- SHALE, anhydritic or gypsiferous
- CHERT
- CHERT, calcareous
- CHERT, silty or SILTSTONE, cherty
- ANHYDRITE and GYPSUM
- VOLCANIC FLOWS
- PYROCLASTIC ROCKS

BEDDING THICKNESS

- Thick-bedded, 1'–3'; everything bedded, nard and massive. M other limestones number minutes, remains unchanged
- Medium-bedded, 3"–1'
- Thick-bedded, 1'–3'; everything bedded, nard and massive. M other limestones number minutes, remains unchanged

CONTACTS

- Normal sedimentary contact
- Angular unconformity or disconformity
- Facies boundary

VERTICAL SCALE 1" = 200'

Paleontological information on this figure includes only identifications of fusulinaceans.

Covered intervals of less than 20 feet are not indicated.

The weathering colours of Carboniferous and Permian rocks on these islands are more than ordinarily contrasted. The overlay colours of these stratigraphic sections indicate the predominant weathering colour of the various formations.

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