Energy, Mines and Resources Canada
Énergie, Mines et Ressources Canada

GEOLOGICAL SURVEY OF CANADA
COMMISSION GÉOLOGIQUE DU CANADA

Conglomerate
Sandstone, quartzite
Siltstone
Shale
Limestone
Dolomite
Chert, black/white
Volcanics
Normal sequence below

-2800 *Pre-Mesozoic unconformity 2800 m below sea level*
830 *830 m of pre-Mesozoic section penetrated*

Well with pre-Mesozoic penetration
Well identifier F-09
Cretaceous K
Imperial Formation DI
Gossage Formation DG
Vunta Formation V
Cambrian €
Precambrian p€
Permian ?P

Note: Generalized lithology, with emphasis on subcrop level.
For more details, see Figure 3

Geology by J.B.W. Wielens, 1988

To accompany GSC Paper 90-22 by J.B.W. Wielens

INDEX MAP

97NW& 97NE | 97SW& 97SE
117SW& 117SE | 107SW& 107SE (Figure 2) | 107NW& 106NE
116NW& 116NE | 106NW& 106NE | 96NW& 96NE

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADJOINING GEOLOGICAL SURVEY OF CANADA MAPS

Scale 1:500 000 - Échelle 1/500 000
Kilometres 10 0 10 20 30 40 Kilomètres

136°00′ 135°00′ 134°00′ 133°00′ 132°00′ 131°00′ 130°00′ 129°00′
71°00′ 70°00′ 69°00′ 68°00′

BEAUFORT SEA
PENINSULA
TUKTOYAKTUK
BAY
LIVERPOOL
Nicholson Peninsula
Wood Bay
Campbell Island
Rufus Lake
Kaglik Lake
Smoke River
LAKES
ESKIMO
RICHARDS ISLAND
KUGMALLIT BAY
Hooper Island
Pelly Island
Summer Island
Hendrickson Island
Gary Island
Kendall Island
Tuktoyaktuk
ELLICE I.
LANGLEY I.
Tununak
MIDDLE CHANNEL
EAST CHANNEL
Reindeer Channel
SHALLOW BAY
WEST CHANNEL
Parsons Lake
Noell Lake
Sitidgi Lake
Campbell Lake
Nanoiak Channel
Jamieson Channel
Aklavik Channel
Kalinek Channel
Inuvik
Aklavik
Miner River
Kugaluk River
Wolverine River

Outcrop area Campbell Uplift
(Surface geology from G.S.C. Map 1517A)

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Figure 2. Subcrop lithology for each well on 1:500 000 scale base map

Figure 2
Paper 90-22