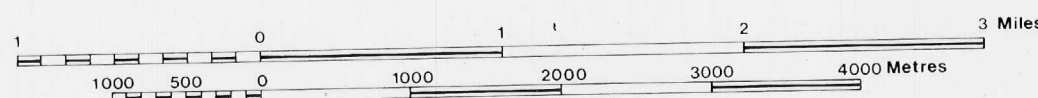


**FLUORINE**  
 Parts per billion in stream water

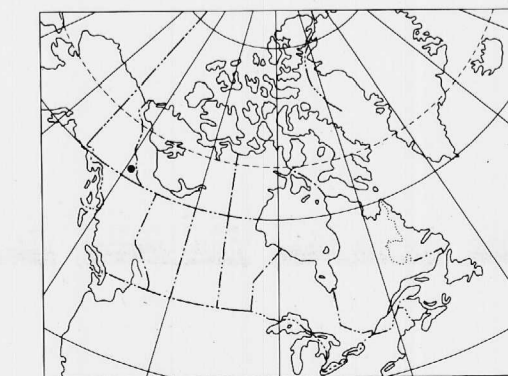


LEGEND

- |                      |               |   |
|----------------------|---------------|---|
| DEVONIAN             | <b>uDMcgs</b> | Grey weathering, resistant, thin- to very thick-bedded, massive, chert pebble conglomerate and medium- to coarse-grained, light- to dark-grey, chert-quartz arenite and wacke; minor brown weathering, blue-grey to black shale, siltstone, and slate   |
|                      | <b>uDMps</b>  | Brown weathering, recessive, thin bedded, laminated, blue-grey to black shale, siltstone, and slate; minor grey-brown weathering, thin- to medium-bedded, fine- to medium-grained, chert-quartz arenite and wacke   |
|                      | <b>muDpt</b>  | Black, gun-blue or silvery white weathering, thin bedded, siliceous, black shale, chert, and slate; merges with muDpt to southwest by increase in proportion of chert   |
| ORDOVICIAN SILURIAN  | <b>Sp</b>     | Orange weathering, resistant, thick bedded, dolomitic, silty, grey mudstone characterized by discontinuous wispy black lamination and locally by abundant small pyrite cubes  |
|                      | <b>OSp</b>    | Black, gun-blue or silvery white weathering, recessive, black slate; minor thin interbeds of finely crystalline, black limestone and black chert  |
| CAMBRIAN             | <b>uEIOL</b>  | White to buff weathering, laminated or thin bedded, finely crystalline, blue-grey limestone; includes in upper part northeast of Howard's Pass, thin bedded, finely crystalline, nodular, silty limestone; local thin bedded to massive, pale green, lapilli tuff   |
|                      | <b>ImEp</b>   | Tan weathering, resistant, medium bedded, variably calcareous and dolomitic, blue-grey siltstone and mudstone; parallel lamination in grey to black disrupted to discontinuous wispy lamination   |
|                      | <b>IcP</b>    | Brown to orange brown weathering, recessive, thin bedded, blue-grey slate and siltstone; minor fine grained subarkose to quartz arenite   |
| HADRYNIAN & CAMBRIAN | <b>IcPg</b>   | Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline limestone conglomerate clasts include fine grained blue-grey limestone, oolitic limestone, and archeocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone                       |
|                      | <b>HIcPs</b>  | Dark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenite and/or subarkose; slate; southwest of South Nahanni River - dark brown weathering, pale green to blue-grey slate and siltstone, and minor greenish grey, very fine grained, quartz sandstone      |
|                      | <b>HIcP</b>   | Maroon, purple or green weathering, recessive slate, thin bedded or laminated in like colours; minor thin intervals of thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate  |
| HADRYNIAN            | <b>HIcs</b>   | Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate   |
|                      | <b>Hsp</b>    | Grey to brown weathering, thin- to thick-bedded, coarse grained, calcareous, grey quartz arenite and subarkose; quartz pebble conglomerate; brown to pale green slate; minor thin bedded grey or white finely crystalline limestone; sandstone contains conspicuous blue quartz, minor plagioclase and orthoclase |

SYMBOLS

- Fault (known, assumed)
- Geological Contact (known, assumed)
- Contact with Quaternary deposits
- 22..... Fluorine (ppb) in stream water



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 GEOLOGICAL SURVEY  
 COMMISSION GÉOLOGIQUE  
 OTTAWA

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INDEX MAP - LIEU DE LA CARTE