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**GEOLOGICAL SURVEY OF CANADA  
OPEN FILE 7812**

**A bibliography of published sources for measured  
stratigraphic sections, central and northern mainland  
Northwest Territories, Canada**

**K.M. Fallas, R.B. MacNaughton, and L. Kung**

**2015**

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## **PART 1: INTRODUCTION AND SUGGESTIONS FOR USE**

### **INTRODUCTION**

Measured stratigraphic sections provide key constraints on the distribution, lithology, and boundaries of formations, and are an important data source when compiling bedrock geology maps or when reconstructing the geologic evolution of a region. This report is a bibliography of published, measured stratigraphic sections for most of the north-central and northern mainland of the Northwest Territories (Figure 1). The bibliography is a preliminary output from the Shield-to-Selwyn activity within the Geological Survey of Canada's Geo-mapping for Energy and Minerals (GEM) Program. The Shield-to-Selwyn activity is intended to include new bedrock mapping and allied stratigraphic studies in the mainland Northwest Territories.

Within the region covered by the Shield-to-Selwyn activity, numerous studies have produced measured stratigraphic sections. Many of these sections are publicly available in government and academic publications, or in graduate theses. Others exist only in unpublished industry reports. The vast majority are not available in machine-readable formats and the quality of location data for reports is highly variable. A goal of the Shield-to-Selwyn activity is to compile to a common standard the key data from publicly available measured sections in the activity region. The compilation of data sources in the present report is a preliminary output of that effort. It is hoped that the bibliography will serve as a starting point for those interested in the stratigraphic history of the mainland Northwest Territories.

### **REGIONS COVERED BY THIS REPORT**

Figure 1 shows the region covered by the present report. The bibliography is based upon a search for measured stratigraphic sections found in the following NTS map areas, which correspond to the geographic bounds of the Shield-to-Selwyn activity:

- 86 D, E, L, M
- 95 L-O
- 96 A-P
- 97 A-D
- 105 I, O, P
- 106 A-C, F-K, N-P
- 107 A, B east ½, D

Some of these map areas extend into adjacent regions of Yukon and Nunavut. Although the present report includes the vast majority of published sections from these map areas, the compilers cannot promise that complete coverage has been attained.

### **DATA SOURCES AND QUALITY**

This report is based on stratigraphic documentation available in government publications, peer-reviewed journals and monographs, and graduate theses. For each report, all units are included for which at least a partial measured thickness was provided.

Section descriptions vary greatly in terms of style and quality of presentation, level of detail, and possibly data quality. In particular, location data are of highly variable quality. This reflects the different technologies available over time for determining locations, but also the decisions of

individual authors as to how to present location data. Reports included in the bibliography include, at minimum, a reasonably detailed location map. Most include geographic coordinates, although precision of the coordinates is highly variable from report to report.

Some measured sections have appeared in multiple publications and the compilers generally have tried to err on the side of completeness. An exception was sometimes made in instances where papers derived from theses provided less stratigraphic or geographic detail than did the thesis; e.g., Krause (1979) included detailed section notes not presented elsewhere, and MacNaughton (2007) includes an appendix of location details not published with any of the papers that make up that thesis.

## **USING THIS REPORT**

This report contains three parts. Part 1 includes introductory material, suggestions for use, and comments on lithostratigraphic issues. Part 2 provides an alphabetical listing of stratigraphic units documented in measured sections within the region covered by this report. Included are formally defined stratigraphic units, as well as informal unit names that are in current use. Accompanying each stratigraphic name is one or more short-form reference citations. Part 3 is an annotated bibliography. For each included report, a full bibliographic citation is provided, along with a listing of NTS map areas covered by the report and an alphabetical listing of the formal and informal stratigraphic units that the report documents.

Wherever possible, stratigraphic units in this report are presented using formation-level stratigraphic nomenclature, whether formal or informal. Informal, formation-equivalent names are given in quotation marks. No effort has been made to incorporate member-level subdivisions. However, group names have been provided in cases where early reports refer to formations that subsequently have been raised to group status, or where the identification of units within a group is uncertain. For the latter reason, it also has been necessary to refer measured strata to supergroups in some cases.

Several reports contain unit assignments that the original authors clearly considered to be questionable or uncertain. In some cases, it has been possible to update these based on later work (see below) but in others they have been included as given by the original authors. In some cases, it has only been possible to refer to units by the age which they were assigned in the original report (e.g., "Ordovician to Devonian, unassigned"). In many cases, the units in question were documented only in part, above or below the main intervals of interest in published reports. They are included here for the sake of completeness, however.

## **STRATIGRAPHIC TERMINOLOGY**

Lithostratigraphic terminology in the mainland Northwest Territories reflects more than seventy years of studies and evolving ideas. The compilers of the present report found it necessary to choose between (1) capturing this evolution and (2) focusing on current usage. It was decided that the first approach would lead to an ungainly report. Thus, the compilers have tried to present results in terms of the most current stratigraphic names. To help avoid confusion, the following paragraphs briefly note some recent changes in the region's lithostratigraphic nomenclature, as well some instances where efforts to update terminology have been left incomplete.

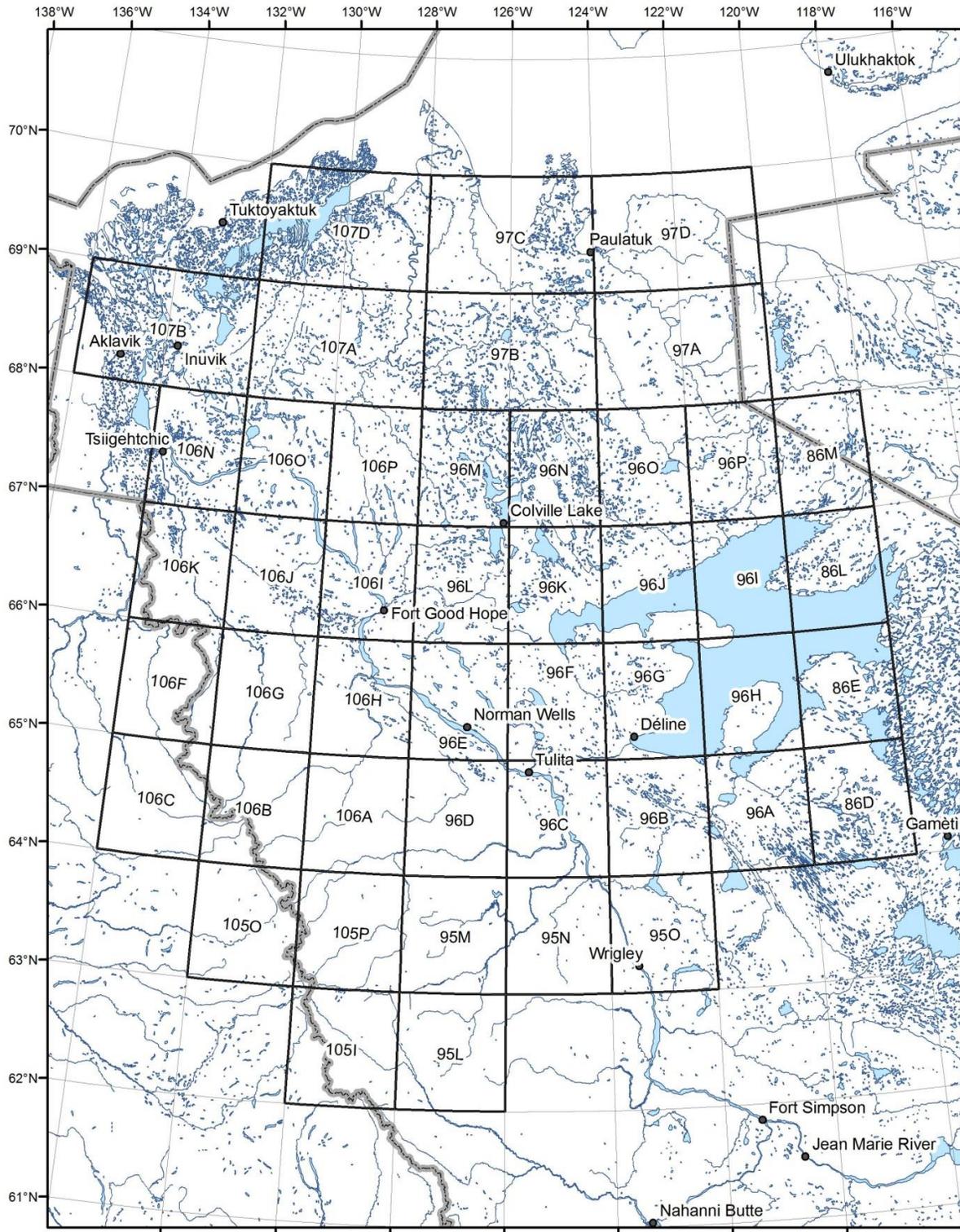
Key recent changes to Proterozoic stratigraphic nomenclature include the formalization of formations within the Mackenzie Mountains Supergroup. Long and Turner (2014) proposed new formation names to replace the longstanding K1 to K7 subdivisions of the Katherine Group. Turner and Long (2012) proposed the Tabasco Formation as a replacement for the H1 map unit of earlier workers, as well as new formation names to replace the informal divisions of the Little Dal Group that had been established by Aitken (1981). Within the Windermere Supergroup, Macdonald et al. (2013) recently proposed that the Gametrail Formation, in its “platformal facies” as defined by Aitken (1989), revert to the earlier, informal term “Sheepbed carbonate”. However, the Gametrail Formation remains valid in its type area and possibly elsewhere (Macdonald et al., 2013). Macdonald et al. (2013) also introduced the informal term “June beds” which, in some areas, they considered to include part of the succession previously assigned in its entirety (Aitken, 1989) to the Sheepbed Formation of Gabrielse et al. (1973). Note that the term “June beds” does not correspond to the “June Lake formation” of Krause (1979); the latter term was never formalized and encompasses beds now included in the Vampire Formation of Fritz (1983; also Fritz et al, 1983).

In the Cambrian succession, a problematic interval was referred to as “post-Sekwi dark shale and carbonate” or similar names in reports by Fritz (1976, 1978, 1979a). These strata probably belong, entirely or in large part, to the Rockslide (Gabrielse et al., 1973) or Hess River Formations (Cecile, 1982). Determining which name applies for which section in early reports is beyond the scope of this compilation, so both names have been given as present in the presentation of the reports by Fritz. Also in the Cambrian, MacNaughton and Fallas (2014) recently proposed the Nainlin Formation as a replacement name for the informal “basal Franklin Mountain red beds” and for “proximal” facies of the Saline River Formation (Aitken et al., 1973). MacNaughton and Fallas (2014) provided a table of all previously documented localities that they considered to be part of the new unit.

During early investigations, diagenetic dolostone now assigned to the “Manetoe facies” was treated as a “Manetoe formation”, and the latter name has been retained in the present report. Also, strata previously included in the Kutchin Formation of Norris (1985) are now considered to be part of the Mount Dewdney Formation (Morrow, 1999). Finally, the term “Road River Group” is used in the present report, although that succession was formerly treated as a formation.

## **ACKNOWLEDGEMENTS**

The present report was prepared by MacNaughton based on data compiled by Fallas and Kung. Sandy McCracken is thanked for his careful review of a draft version of the report. We thank Elizabeth Turner (Laurentian University) for indirectly providing the idea for this report.



**Figure 1:** Geographic region covered by the present report.

## **PART 2: STRATIGRAPHIC UNITS AND SOURCES**

**Note to the User:** This portion of the report presents stratigraphic units in alphabetical order, followed by brief bibliographic references to publicly available reports that include measured stratigraphic sections through the units in question. Unassigned units are generally presented in terms of the inferred stratigraphic age provided in the original sources, and are presented alphabetically as well. For more detailed bibliographic information on source documents, the user is referred to Part 3 of the present report. For additional information on the use of report, please see Part 1.

### **Abraham Plains Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Hamel, C.M. and MacNaughton, R.B., 2013  
Hume, G.S. and Link, T.A., 1945  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Pyle, L.J. and Gal, L.P., 2007  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

### **Algae Formation**

Cecile, M.P., 2000

### **Arctic Red Formation**

Mountjoy, E.W. and Chamney, T.P., 1969  
Pierce, K.L. and Jones, A.L., 2009  
Yorath, C.J. and Cook, D.G., 1981

### **Arnica Formation**

Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W., 1999  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007

### **Arnica-Sombre-Bear Rock assemblage**

Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Norris, A.W., 1967  
Norris, A.W., 1968  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007

### **Avalanche Formation**

Fritz, W.H., 1981  
Fritz, W.H., 1982  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Pratt, B.R., 1992

### **Backbone Ranges Formation**

Aitken, J.D., 1989  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Baudet, D., Aitken, J.D., and Vanguetstaine, M., 1989  
Dilliard, K.A., Pope, M.C., Coniglio, M., Hasiotis, S.T., and Lieberman, B.S., 2010  
Eisbacher, G.H., 1981  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1980  
Fritz, W.H., 1981  
Fritz, W.H., 1982  
Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Krause, F.F., 1979  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., 1997  
MacNaughton, R.B., Roots, C.F., and Martel, E., 2008  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Pratt, B.R., 1992

### **Bear Rock Formation**

Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010  
Hume, G.S. and Link, T.A., 1945  
Lenz, A.C. and Pedder, A.E.H., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W. and Meijer-Drees, N.C., 1981  
Pierce, K.L. and Jones, A.L., 2009  
Pope, M.C. and Leslie, S.A., 2013  
Pyle, L.J. and Gal, L.P., 2007

### **Blueflower Formation**

Aitken, J.D., 1989  
Baudet, D., Aitken, J.D., and Vanguetstaine, M., 1989  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., Narbonne, G.M., and Dalrymple, R.W., 2000

### **Broken Skull Formation**

Fritz, W.H., 1979b  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Pratt, B.R., 1992

### **Cambrian, unassigned**

Fritz, W.H., 1976  
Fritz, W.H., 1978  
Norris, A.W., 1967

### **Cambrian to Devonian, unassigned**

Fritz, W.H., 1978

### **Camsell Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991

### **Canol Formation**

Bassett, H.G., 1961  
Cecile, M.P., 2000  
Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010  
Lenz, A.C. and Pedder, A.E.H., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Norris, A.W., 1967  
Norris, A.W., 1968  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Pyle, L.J. and Gal, L.P., 2012  
Pyle, L.J. and Gal, L.P., 2013  
Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014  
Pyle, L.J., Gal, L.P., and Lemiski, R.T., 2011

### **Carboniferous, unassigned**

Gordey, S.P. and Anderson, R.G., 1993

### **Caribou Pass Formation**

Cecile, M.P., 2000

### **Cloudy Formation**

Cecile, M.P., 1982  
Chevrier, T.S. and Turner, E.C., 2013  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991

### **Coates Lake Group**

Upitis, U., 1966

### **Coppercap Formation**

Aitken, J.D., 1981

Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011

Eisbacher, G.H., 1978

Eisbacher, G.H., 1981

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

Jefferson, C.W., 1983

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Cranswick Formation**

Norris, A.W., 1967

Norris, A.W., 1968

Norris, A.W., 1985

### **Cretaceous, unassigned**

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

Norris, D.K. and Dyke, L.D., 1996

### **Delorme Group**

Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

Macqueen, R.W., 1974

Morrow, D.W., 1999

Norford, B.S., 1964

Norford, B.S., 1996

Norris, A.W., 1985

Pierce, K.L. and Jones, A.L., 2009

Pyle, L.J. and Gal, L.P., 2007

### **Devonian, unassigned**

Cecile, M.P., 2000

Norford, B.S., 1964

### **“diabase sill”**

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Dodo Creek Formation**

Aitken, J.D., 1981

Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011

Hume, G.S. and Link, T.A., 1945

Jefferson, C.W., 1983

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

Turner, E.C. and Long, D.G.F., 2012

### **Duo Lake Formation**

Cecile, M.P., 1982  
Chevrier, T.S. and Turner, E.C., 2013  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991

### **East Fork Formation**

Sweet, A.R., Ricketts, B.D., Cameron, A.R., and Norris, D.K., 1989  
Yorath, C.J. and Cook, D.G., 1981

### **Eduni Formation**

Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Elmer Creek Formation**

Cecile, M.P., 2000

### **Etagochile Formation**

Hamel, C.M. and MacNaughton, R.B., 2013  
Hume, G.S. and Link, T.A., 1945  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Fairchild Lake Group**

Delaney, G.D., 1985

### **Fantasque Formation**

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Fort Norman Formation**

Pierce, K.L. and Jones, A.L., 2009

### **Franklin Mountain Formation**

Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Cecile, M.P., 1982  
Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010  
Hume, G.S. and Link, T.A., 1945  
MacNaughton, R.B. and Fallas, K.M., 2014  
Macqueen, R.W., 1970  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W., 1999  
Morrow, D.W. and Meijer-Drees, N.C., 1981  
Norford, B.S., 1964

Norford, B.S. and Macqueen, R.W., 1975  
Norris, A.W., 1967  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Turner, E.C., 2011

### **Funeral Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993

### **Gametrail Formation**

Aitken, J.D., 1989  
Baudet, D., Aitken, J.D., and Vanguetaine, M., 1989  
Dalrymple, R.W. and Narbonne, G.M., 1996  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., Narbonne, G.M., and Dalrymple, R.W., 2000

### **Gayna Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1981  
Jefferson, C.W., 1983  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Turner, E.C. and Long, D.G.F., 2012

### **Gillespie Lake Group**

Delaney, G.D., 1985

### **Grafe River Formation**

Hamel, C.M. and MacNaughton, R.B., 2013  
Hume, G.S. and Link, T.A., 1945  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Grizzly Bear Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993

### **Gull Lake Formation**

Cecile, M.P., 2000  
Gordey, S.P. and Anderson, R.G., 1993

### **Hailstone Formation**

Cecile, M.P., 2000  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Hare Indian Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010  
Hume, G.S. and Link, T.A., 1945  
Lenz, A.C. and Pedder, A.E.H., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Norris, A.W., 1967  
Norris, A.W., 1968  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Pyle, L.J. and Gal, L.P., 2012  
Pyle, L.J. and Gal, L.P., 2013  
Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014  
Pyle, L.J., Gal, L.P., and Lemiski, R.T., 2011

**Hawthorne Creek Formation**

Cecile, M.P., 2000

**Hayhook formation**

James, N.P., Narbonne, G.M., and Kyser, T.K., 2001  
Macdonald, F.A., et al., 2013

**Haywire Formation**

Gordey, S.P. and Anderson, R.G., 1993

**Headless Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Heritage Trail Formation**

Cecile, M.P., 2000

**Hess River Formation**

Cecile, M.P., 1982  
Cecile, M.P., 2000  
Chevrier, T.S. and Turner, E.C., 2013  
Fritz, W.H., 1976  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1980  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Horn River Group**

Hume, G.S. and Link, T.A., 1945  
Morrow, D.W., 1991

### **Hume Formation**

Bassett, H.G., 1961  
Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010  
Hume, G.S. and Link, T.A., 1945  
Lenz, A.C. and Pedder, A.E.H., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W., 1999  
Norris, A.W., 1967  
Norris, A.W., 1968  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Pyle, L.J. and Gal, L.P., 2012  
Pyle, L.J. and Gal, L.P., 2013  
Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014  
Pyle, L.J., Gal, L.P., and Lemiski, R.T., 2011

### **Hyland Group**

Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983

### **Ice Brook Formation**

Aitken, J.D., 1991  
Dalrymple, R.W. and Narbonne, G.M., 1996  
Day, E.S., 2002  
Macdonald, F.A., et al., 2013  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Upitis, U., 1966

### **Imperial Formation**

Acker, R., 2013  
Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982  
Cecile, M.P., 2000  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Hume, G.S. and Link, T.A., 1945  
Lenz, A.C. and Pedder, A.E.H., 1972  
Macdonald, F.A., et al., 2013  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Norris, A.W., 1968  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2012  
Pyle, L.J. and Gal, L.P., 2013  
Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014  
Yorath, C.J. and Cook, D.G., 1981

**Ingta Formation**

Aitken, J.D., 1989  
Baudet, D., Aitken, J.D., and Vanguestaine, M., 1989  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1980  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., 1997  
Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983

**Jones Lake Formation**

Gordey, S.P. and Anderson, R.G., 1993

**“June beds”**

Dalrymple, R.W. and Narbonne, G.M., 1996  
Macdonald, F.A., et al., 2013

**Katherine Group**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Jefferson, C.W., 1983  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
MacNaughton, R.B. and Fallas, K.M., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Norris, D.K. and Dyke, L.D., 1996  
Pierce, K.L. and Jones, A.L., 2009  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

**Keele Formation**

Aitken, J.D., 1989  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Baudet, D., Aitken, J.D., and Vanguestaine, M., 1989  
Day, E.S., 2002  
Day, E.S., James, N.P., Narbonne, G.M., and Dalrymple, R.W., 2004  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Fritz, W.H., 1980  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
James, N.P., Narbonne, G.M., Dalrymple, R.W., and Kyser, T.K., 2005  
Macdonald, F.A., et al., 2013  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Upitis, U., 1966  
Yeo, G., 1984

**Keele Creek Formation**

Cecile, M.P., 2000

### **Landry Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Lenz, A.C. and Pedder, A.E.H., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W., 1999  
Morrow, D.W. and Meijer-Drees, N.C., 1981  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007

### **Little Bear Formation**

Sweet, A.R., Ricketts, B.D., Cameron, A.R., and Norris, D.K., 1989  
Yorath, C.J. and Cook, D.G., 1981

### **"Little Dal basalt"**

Aitken, J.D., 1981.  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Jefferson, C.W., 1983  
Turner, E.C. and Long, D.G.F., 2012

### **Little Dal Group**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Norris, D.K. and Dyke, L.D., 1996  
Upitis, U., 1966

### **Lone Land Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973

### **Mackenzie Mountains Supergroup**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Norris, D.K. and Dyke, L.D., 1996  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

### **Mahony Lake Formation**

Yorath, C.J. and Cook, D.G., 1981

### **"Manetoe formation"**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

**Marmot Formation**

Cecile, M.P., 1982  
Chevrier, T.S. and Turner, E.C., 2013  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991

**Martin House Formation**

Mountjoy, E.W. and Chamney, T.P., 1969  
Pierce, K.L. and Jones, A.L., 2009  
Yorath, C.J. and Cook, D.G., 1981

**McClure Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Hamel, C.M. and MacNaughton, R.B., 2013  
Hume, G.S. and Link, T.A., 1945  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

**Misfortune Formation**

Cecile, M.P., 2000  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Mississippian, unassigned**

Pierce, K.L. and Jones, A.L., 2009

**Mississippian-Permian, unassigned**

Cecile, M.P., 2000

**Mount Baird Formation**

Morrow, D.W., 1999  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009

**Mount Berg Formation**

Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Yeo, G., 1984

**Mount Cap Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Hume, G.S. and Link, T.A., 1945  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

### **Mount Christie Formation**

Gordey, S.P. and Anderson, R.G., 1993

Cecile, M.P., 2000

### **Mount Clark Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973

Hamel, C.M., MacNaughton, R.B., 2013

Hume, G.S. and Link, T.A., 1945

Pierce, K.L. and Jones, A.L., 2009

Pyle, L.J. and Gal, L.P., 2007

Serié, C., Bergquist, C.L., and Pyle, L.J., 2013

### **Mount Kindle Formation**

Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982

Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010

Hume, G.S. and Link, T.A., 1945

Macqueen, R.W., 1970

Macqueen, R.W., 1974

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

Morrow, D.W., 1991

Morrow, D.W., 1999

Morrow, D.W. and Meijer-Drees, N.C., 1981

Norford, B.S., 1964

Norford, B.S., 1996

Norford, B.S. and Macqueen, R.W., 1975

Norris, A.W., 1967

Pierce, K.L. and Jones, A.L., 2009

Pope, M.C. and Leslie, S.A., 2013

Pyle, L.J. and Gal, L.P., 2007

Turner, E.C., 2011

### **Nainlin Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973

Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011

MacNaughton, R.B. and Fallas, K.M., 2014

Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

Morrow, D.W., 1999

Norris, D.K. and Dyke, L.D., 1996

Pierce, K.L. and Jones, A.L., 2009

Pyle, L.J. and Gal, L.P., 2007

Turner, E.C., and Long, D.G.F., 2012

### **Narchilla Formation**

Cecile, M.P., 2000

Gordey, S.P. and Anderson, R.G., 1993

**Natla Formation**

Cecile, M.P., 1982

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

Gordey, S.P. and Anderson, R.G., 1993

**Ogilvie Formation**

Norris, A.W., 1967

**Ordovician, unassigned**

Fritz, W.H., 1976

Norris, A.W., 1967

**Ordovician or younger, unassigned**

Cecile, M.P., 1982

**Ordovician to Devonian, unassigned**

Fritz, W.H., 1978

**Ordovician to Silurian, unassigned**

Fritz, W.H., 1978

Norford, B.S., 1964

**Paleozoic, unassigned**

Eisbacher, G.H., 1981

**Peel Formation**

Macqueen, R.W., 1974

Morrow, D.W., 1999

Norford, B.S., 1996

Pierce, K.L. and Jones, A.L., 2009

Pyle, L.J. and Gal, L.P., 2007

**Portrait Lake Formation**

Gordey, S.P. and Anderson, R.G., 1993

**Prevost Formation**

Gordey, S.P. and Anderson, R.G., 1993

**Prongs Creek Formation**

Norris, A.W., 1968

**Quartet Group**

Delaney, G.D., 1985

**Rabbitkettle Formation**

Cecile, M.P., 1982  
Chevrier, T.S. and Turner, E.C., 2013  
Fritz, W.H., 1981  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Pratt, B.R., 1992

**Ram Head Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1978  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Jefferson, C.W., 1983  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Turner, E.C. and Long, D.G.F., 2012

**Ramparts Formation**

Hume, G.S. and Link, T.A., 1945  
Lenz, A.C. and Pedder, A.E.H., 1972  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Pyle, L.J. and Gal, L.P., 2012  
Pyle, L.J. and Gal, L.P., 2013  
Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014

**Rapitan Group**

Fritz, W.H., 1980  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

**Ravensthorpe formation**

Day, E.S., 2002  
James, N.P., Narbonne, G.M., Kyser, T.K., 2001  
Macdonald, F.A., et al., 2013

**Redstone River Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1978  
Jefferson, C.W., 1983  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Risky Formation**

Aitken, J.D., 1989  
Baudet, D., Aitken, J.D., and Vanguetaine, M., 1989  
Fritz, W.H., 1979a  
Fritz, W.H., 1980

Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., 1997  
MacNaughton, R.B., Narbonne, G.M., and Dalrymple, R.W., 2000

### **Road River Group**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Fritz, W.H., 1976  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Krause, F.F., 1979  
Morrow, D.W., 1991  
Morrow, D.W., 1999  
Norris, A.W., 1985  
Pierce, K.L. and Jones, A.L., 2009

### **Rockslide Formation**

Fritz, W.H., 1976  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1979b  
Fritz, W.H., 1980  
Fritz, W.H., 1981  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Pratt, B.R., 1992

### **Saline River Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Hume, G.S. and Link, T.A., 1945  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013  
Turner, E.C., 2011

### **Sapper Formation**

Gordey, S.P. and Anderson, R.G., 1993

### **Sayunei Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Green, L.H. and Godwin, C.I., 1963  
Jefferson, C.W., 1983  
Upitis, U., 1966  
Yeo, G., 1984

### **Sekwi Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Baudet, D., Aitken, J.D., and Vanguetaine, M., 1989  
Cecile, M.P., 1982  
Cecile, M.P., 2000  
Dilliard, K.A., Pope, M.C., Coniglio, M., Hasiotis, S.T., and Lieberman, B.S., 2010  
Fritz, W.H., 1976  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1979b  
Fritz, W.H., 1980  
Fritz, W.H., 1981  
Fritz, W.H., 1982  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Handfield, R.C., 1968  
Krause, F.F., 1979  
MacNaughton, R.B., 1997  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Pratt, B.R., 1992

### **Shaler Supergroup**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973

### **Shattered Range Formation**

Hamel, C.M. and MacNaughton, R.B., 2013  
Hume, G.S. and Link, T.A., 1945  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **"Sheepbed carbonate"**

Aitken, J.D., 1989  
Macdonald, F.A., et al., 2013

### **Sheepbed Formation**

Aitken, J.D., 1989  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Baudet, D., Aitken, J.D., and Vanguetaine, M., 1989  
Dalrymple, R.W. and Narbonne, G.M., 1996  
Day, E.S., 2002  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Fritz, W.H., 1980  
Fritz, W.H., 1982  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Macdonald, F.A., et al., 2013

MacNaughton, R.B., Narbonne, G.M., and Dalrymple, R.W., 2000  
MacNaughton, R.B., Roots, C.F., and Martel, E., 2008  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1999  
Shen, Y., Zhang, T., and Hoffman, P.F., 2008

### **Shezal Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Jefferson, C.W., 1983  
Upitis, U., 1966  
Yeo, G., 1984

### **Silurian, unassigned**

Norris, A.W., 1967  
Norris, A.W., 1968  
Norris, A.W., 1985

### **Silverberry Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Turner, E.C. and Long, D.G.F., 2012

### **Slater River Formation**

Yorath, C.J. and Cook, D.G., 1981

### **Snail Spring Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Jefferson, C.W., 1983  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Turner, E.C. and Long, D.G.F., 2012

### **Sombre Formation**

Gabielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991

### **Steel Formation**

Cecile, M.P., 2000  
Gordey, S.P. and Anderson, R.G., 1993

### **Stone Knife Formation**

Aitken, J.D., 1981  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Eisbacher, G.H., 1981  
Hume, G.S. and Link, T.A., 1945  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Serié, C., Bergquist, C.L., and Pyle, L.J., 2013  
Turner, E.C. and Long, D.G.F., 2012

### **“sub-Whittaker strata” (i.e., Ordovician or older)**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972

### **Summit Creek Formation**

Sweet, A.R., Ricketts, B.D., Cameron, A.R., and Norris, D.K., 1989  
Yorath, C.J. and Cook, D.G., 1981

### **Sunblood Formation**

Fritz, W.H., 1979b  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Tabasco Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Turner, E.C. and Long, D.G.F., 2012

### **Tatsieta Formation**

Morrow, D.W., 1999  
Pierce, K.L. and Jones, A.L., 2009  
Pyle, L.J. and Gal, L.P., 2007

### **Tawu Formation**

Hume, G.S. and Link, T.A., 1945  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

### **Ten Stone Formation**

Aitken, J.D., 1981  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Jefferson, C.W., 1983  
Turner, E.C., and Long, D.G.F., 2012

**'Tepee dolostone'**

Aitken, J.D., 1991  
Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Thor Hills Formation**

Cecile, M.P., 2000  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Thundercloud Formation**

Aitken, J.D., 1981  
Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011  
Jefferson, C.W., 1983  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Trevor Formation**

Mountjoy, E.W. and Chamney, T.P., 1969  
Yorath, C.J. and Cook, D.G., 1981

**Tsetso Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Gordey, S.P. and Anderson, R.G., 1993  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Morrow, D.W., 1991  
Morrow, D.W. and Meijer-Drees, N.C., 1981  
Pope, M.C. and Leslie, S.A., 2013

**Tsezotene Formation**

Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Jefferson, C.W., 1983  
Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008  
Long, D.G.F. and Turner, E.C., 2014  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012

**Tsichu Formation**

Gordey, S.P. and Anderson, R.G., 1993

**Tuttle Formation**

Norris, D.K. and Dyke, L.D., 1996

**Twitya Formation**

Aitken, J.D., 1989  
Aitken, J.D., 1991  
Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973  
Day, E.S., 2002

Eisbacher, G.H., 1978  
Eisbacher, G.H., 1981  
Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
James, N.P., Narbonne, G.M., Dalrymple, R.W., and Kyser, T.K., 2005  
Martel, E., Turner, E.C., and Fischer, B.J. (editors), 2012  
Upitis, U., 1966  
Yeo, G., 1984

### **Vampire Formation**

Baudet, D., Aitken, J.D., and Vanguetstaine, M., 1989  
Dilliard, K.A., Pope, M.C., Coniglio, M., Hasiotis, S.T., and Lieberman, B.S., 2010  
Fritz, W.H., 1976  
Fritz, W.H., 1978  
Fritz, W.H., 1979a  
Fritz, W.H., 1979b  
Fritz, W.H., 1980  
Fritz, W.H., 1981  
Fritz, W.H., 1982  
Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983  
Gordey, S.P. and Anderson, R.G., 1993  
Krause, F.F., 1979  
Macdonald, F.A., et al., 2013  
MacNaughton, R.B., 1997

### **Whittaker Formation**

Gabrielse, H., Blusson, S.L., and Roddick, J.A., 1972  
Nowlan, G.S., McCracken, A.D., and Chatterton, B.D.E., 1988

### **Windermere Supergroup**

Fritz, W.H., 1976  
Fritz, W.H., 1979a  
Fritz, W.H., 1980  
Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983

### **Yusezyu Formation**

Cecile, M.P., 2000  
Gordey, S.P. and Anderson, R.G., 1993

### PART 3: ANNOTATED BIBLIOGRAPHY

**Note to the User:** Bibliographic entries comprise four parts: (1) author name(s) and date of publication, in bold type on a single line; (2) title and bibliographic citation; (3) list of NTS map areas for which the report contains measured sections; (4) list of stratigraphic units documented in the report. Designation of unassigned units is as given in original reports. See Part 1 of the report for additional information on organization of information.

**Acker, R., 2013**

Sedimentology and Stratigraphy of the Upper Devonian Imperial Formation, Mackenzie Valley, Northwest Territories, Canada; unpublished MSc thesis, University of Calgary, Calgary, Alberta.

NTS 96D; 96E

*Imperial Formation*

**Aitken, J.D., 1981**

Stratigraphy and sedimentology of the Upper Proterozoic Little Dal Group, Mackenzie Mountains, Northwest Territories; In: Proterozoic Basins of Canada; Geological Survey of Canada, Paper 81-10, p. 47-78.

NTS 95L; 95M; 96D; 96E; 105I; 105O; 105P; 106A; 106B; 106F; 106G; 106H

*Coppercap Formation*

*Dodo Creek Formation*

*Gayna Formation*

*“Little Dal basalt”*

*Ram Head Formation*

*Redstone River Formation*

*Silverberry Formation*

*Snail Spring Formation*

*Stone Knife Formation*

*Ten Stone Formation*

*Thundercloud Formation*

**Aitken, J.D., 1989**

Uppermost Proterozoic formations in central Mackenzie Mountains, Northwest Territories; Geological Survey of Canada, Bulletin 368, 26 p.

NTS 95L, 95M, 105P, 106A

*Backbone Ranges Formation*

*Blueflower Formation*

*Gametrail Formation*

*Ingta Formation*

*Keele Formation*

*Risky Formation*

*Sheepbed Formation*

*“Sheepbed carbonate”*

*Twitya Formation*

**Aitken, J.D., 1991**

The Ice Brook Formation and post-Rapitan, Late Proterozoic glaciation, Mackenzie Mountains, Northwest Territories; Geological Survey of Canada, Bulletin 404, 43 p.

NTS 95M, 106A

*Hayhook Formation*

*Icebrook Formation*

*Keele Formation*

*Ravensthoat Formation*

*Twitya Formation*

**Aitken, J.D., Cook, D.G., and Yorath, C.J., 1982**

Upper Ramparts River (106G) and Sans Sault Rapids (106H) map areas, District of Mackenzie; Geological Survey of Canada, Memoir 388, 48 p.

NTS 106A, 106G

*Arnica Formation*

*Delorme Group*

*Franklin Mountain Formation*

*Imperial Formation*

*Mount Kindle Formation*

**Aitken, J.D., Macqueen, R.W., and Usher, J.L., 1973**

Reconnaissance studies of Proterozoic and Cambrian stratigraphy, lower Mackenzie River area (Operation Norman), District of Mackenzie; Geological Survey of Canada, Paper 73-9, 178 p.

NTS 86M, 95O, 96C, 96D, 96E, 97A, 97D, 106A, 106B, 106G

*Abraham Plains Formation*

*Backbone Ranges Formation*

*Franklin Mountain Formation*

*Keele Formation*

*Little Dal Group*

*Lone Land Formation*

*Mackenzie Mountains Supergroup*

*McClure Formation*

*Mount Cap Formation*

*Mount Clark Formation*

*Nainlin Formation*

*Road River Group*

*Saline River Formation*

*Sayunei Formation*

*Sekwi Formation*

*Shaler Supergroup*

*Sheepbed Formation*

*Shezal Formation*

*Stone Knife Formation*

*Ten Stone Formation*

*Tsezotene Formation*

*Twitya Formation*

**Aitken, J.D., Turner, E.C., and MacNaughton, R.B., 2011**

Thirty-six archival stratigraphic sections in the Katherine, Little Dal, Coates Lake, and Rapitan groups (Neoproterozoic), Mackenzie Mountains, Northwest Territories; Geological Survey of Canada, Open File 6391, 9 p.

NTS 95L, 95M, 96D, 106A, 106B, 106F, 106G

*Abraham Plains Formation*

*Coppercap Formation*

*Dodo Creek Formation*

*Franklin Mountain Formation*

*Gayna Formation*

*Katherine Group*

*“Little Dal basalt”*

*McClure Formation*

*Nainlin Formation*

*Ram Head Formation*

*Redstone River Formation*

*Sayunei Formation*

*Shezal Formation*

*Silverberry Formation*

*Snail Spring Formation*

*Stone Knife Formation*

*Ten Stone Formation*

*Thundercloud Formation*

**Bassett, H.G., 1961**

Devonian stratigraphy, central Mackenzie River region, Northwest Territories, Canada.

*In: Geology of the Arctic*, G.O. Raasch (ed.), Alberta Society of Petroleum Geologists and University of Toronto Press, v. 1, p. 481-498.

NTS 106H

*Canol Formation*

*Hume Formation*

**Baudet, D., Aitken, J.D., and Vanguetstaine, M., 1989**

Palynology of uppermost Proterozoic and lowermost Cambrian formations, central Mackenzie Mountains, northwestern Canada; *Canadian Journal of Earth Sciences*, v. 26, p. 129-148.

NTS 105P, 106A

*Backbone Ranges Formation*

*Blueflower Formation*

*Gametrail Formation*

*Ingta Formation*

*Risky Formation*

*Sekwi Formation*

*"Sheepbed carbonate"*

*Sheepbed Formation*

*Vampire Formation*

**Cecile, M.P., 1982**

The Lower Paleozoic Misty Creek Embayment, Selwyn Basin, Yukon and Northwest Territories; Geological Survey of Canada, Bulletin 335, 78 p.

NTS 96D, 105O, 105P, 106A, 106B, 106C, 106G

*Cloudy Formation*

*Duo Lake Formation*

*Franklin Mountain Formation*

*Hess River Formation*

*Marmot Formation*

*Mount Kindle Formation*

*Nainlin Formation*

*Natla Formation*

*Ordovician or younger, unnamed formation*

*Rabbitkettle Formation*

*Sekwi Formation*

**Cecile, M.P., 2000**

Geology of the northeastern Niddery Lake map area, east-central Yukon and adjacent Northwest Territories; Geological Survey of Canada, Bulletin 553, 122 p.

NTS 105O, 106B

*Algae Formation*

*Canol Formation*

*Caribou Pass Formation*

*Devonian, unnamed shale*

*Duo Lake Formation*

*Elmer Creek Formation*

*Gull Lake Formation*

*Hailstone Formation*

*Hawthorne Creek Formation*

*Heritage Trail Formation*

*Hess River Formation*

*Imperial Formation*

*Keele Creek Formation*

*Misfortune Formation*

*Mississippian-Permian, unnamed sandstone*

*Narchilla Formation*

*Rabbitkettle Formation*

*Sekwi Formation*

*Steel Formation*

*Thor Hills Formation*

*Yusezyu Formation*

**Chevrier, T.S. and Turner, E.C., 2013**

A lithostratigraphic section in the central Misty Creek Embayment, NWT; NWT Open Report 2013-002, 1 sheet.

NTS 106B

*Cloudy Formation*

*Duo Lake Formation*

*Hess River Formation*  
*Marmot Formation*  
*Rabbitkettle Formation*

**Dalrymple, R.W. and Narbonne, G.M., 1996**

Continental slope sedimentation in the Sheepbed Formation (Neoproterozoic, Windermere Supergroup), Mackenzie Mountains, NWT, Canada; Canadian Journal of Earth Sciences, v. 33, p. 848-862.

NTS 105P

*Gametrail Formation*  
*Ice Brook Formation?*  
*Sheepbed Formation*

**Day, E.S., 2002**

Sedimentology and stratigraphy of the Cryogenian (middle Neoproterozoic) Keele Formation, Mackenzie Mountains, Northwest Territories, Canada; unpublished MSc thesis, Queen's University, Kingston, Ontario.

NTS 95L, 95M, 106A

*Keele Formation*  
*Ice Brook Formation*  
*Ravensthorpe formation*  
*Sheepbed Formation*  
*Twitya Formation*

**Day, E.S., James, N.P., Narbonne, G.M., and Dalrymple, R.W., 2004**

A sedimentary prelude to Marinoan glaciation, Cryogenian (middle Neoproterozoic) Keele Formation, Mackenzie Mountains, northwestern Canada; Precambrian Research, v. 133, p. 223-247.

NTS 95L, 95M, 106A

*Keele Formation*

**Delaney, G.D., 1985**

The mid-Proterozoic Wernecke Supergroup; unpublished PhD thesis, University of Western Ontario, London, Ontario, 373 p.

NTS 106C, 106F

*Fairchild Lake Group*  
*Gillespie Lake Group*  
*Quartet Group*

**Dilliard, K.A., Pope, M.C., Coniglio, M., Hasiotis, S.T., and Lieberman, B.S., 2010**

Active synsedimentary tectonism on a mixed carbonate-siliciclastic continental margin: third-order sequence stratigraphy of a ramp to basin transition, lower Sekwi Formation, Selwyn Basin, Northwest Territories, Canada; Sedimentology, v. 57, p. 513-542.

NTS 105P

*Backbone Ranges Formation*  
*Sekwi Formation*  
*Vampire Formation*

**Eisbacher, G.H., 1978**

Re-definition and subdivision of the Rapitan Group, Mackenzie Mountains; Geological Survey of Canada, Paper 77-35, 21 p.

NTS 95L, 95M, 106A

*Coppercap Formation*

*Keele Formation*

*Little Dal Group*

*Mount Berg Formation?*

*Ram Head Formation*

*Redstone River Formation*

*Sayunei Formation*

*Sheepbed Formation*

*Shezal Formation*

*“Tepee dolostone”*

*Twitya Formation*

**Eisbacher, G.H., 1981**

Sedimentary tectonics and glacial record in the Windermere Supergroup, Mackenzie Mountains, northwestern Canada; Geological Survey of Canada, Paper 80-27, 40 p.

NTS 95L, 106A

*Backbone Ranges Formation*

*Coppercap Formation*

*Gayna Formation?*

*Keele Formation*

*Little Dal Group*

*Mount Berg Formation?*

*Paleozoic, unassigned*

*Sayunei Formation*

*Sheepbed Formation*

*Shezal Formation*

*Stone Knife Formation*

*“Tepee dolostone”*

*Twitya Formation*

**Fritz, W.H., 1976**

Ten stratigraphic sections from the Lower Cambrian Sekwi Formation, Mackenzie Mountains, northwestern Canada, Ottawa; Geological Survey of Canada, Paper 76-22, 42 p.

NTS 105O, 105P, 106A, 106B

*Cambrian, unassigned*

*Hess River Formation*

*Ordovician, unassigned*

*Road River Group*

*Rockslide Formation*

*Sekwi Formation*

*Vampire Formation*

*Windermere Supergroup*

**Fritz, W.H., 1978**

Fifteen stratigraphic sections from the Lower Cambrian of the Mackenzie Mountains, northwestern Canada; Geological Survey of Canada, Paper 77-33, 19 p.

NTS 105P, 106B, 106C

*Backbone Ranges Formation*

*Cambrian, unassigned*

*Cambrian to Devonian, unassigned*

*Hess River Formation*

*Ingta Formation*

*Ordovician to Devonian, unassigned*

*Ordovician to Silurian, unassigned*

*Rockslide Formation*

*Sekwi Formation*

*Vampire Formation.*

**Fritz, W.H., 1979a**

Eleven stratigraphic sections from the Lower Cambrian of the Mackenzie Mountains, northwest Canada; Geological Survey of Canada, Paper 78-23, 19 p.

NTS 105P, 106B, 106C

*Backbone Ranges Formation*

*Hess River Formation*

*Ingta Formation*

*Risky Formation*

*Rockslide Formation*

*Sekwi Formation*

*Vampire Formation*

*Windermere Supergroup*

**Fritz, W.H., 1979b**

Cambrian stratigraphic section between Nahanni and Broken Skull rivers, southern Mackenzie Mountains; Current Research, Part B, Geological Survey of Canada, Paper 79-1B, 1979; p. 121-125

NTS 105I

*Broken Skull Formation*

*Rockslide Formation*

*Sekwi Formation*

*Sunblood Formation*

*Vampire Formation*

**Fritz, W.H., 1980**

International Precambrian-Cambrian Boundary Working Group's 1979 field study to Mackenzie Mountains, Northwest Territories; Current Research Part A, Geological Survey of Canada, Paper 80-1A, p. 41-45.

NTS 105O, 105P

*Backbone Ranges Formation*

*Broken Skull Formation*

*Hess River Formation*

*Ingta Formation*

*Keele Formation*

*Rapitan Group*  
*Risky Formation*  
*Rockslide Formation*  
*Sekwi Formation*  
*Sheepbed Formation*  
*Sunblood Formation*  
*Vampire Formation*  
*Windermere Supergroup, upper part*

**Fritz, W.H., 1981**

Two Cambrian stratigraphic sections, eastern Nahanni map area, Mackenzie Mountains, District of Mackenzie; Geological Survey of Canada, Paper 81-1A; p. 145-156.

**NTS 105I**

*Avalanche Formation*  
*Rabbitkettle Formation*  
*Rockslide Formation*  
*Sekwi Formation*  
*Vampire Formation*

**Fritz, W.H., 1982**

Vampire Formation, a new upper Precambrian(?)/lower Cambrian Formation, Mackenzie Mountains, Yukon and Northwest Territories; Current Research, Part B, Geological Survey of Canada, Paper no. 82-1B, p. 83-92.

**NTS 95L**

*Avalanche Formation*  
*Backbone Ranges Formation*  
*Sekwi Formation*  
*Sheepbed Formation*  
*Vampire Formation*

**Fritz, W.H., Narbonne, G.M., and Gordey, S.P., 1983**

Strata and trace fossils near the Precambrian-Cambrian boundary, Mackenzie, Selwyn, and Wernecke mountains, Yukon and Northwest territories; Current Research, Part B, Geological Survey of Canada, Paper 83-1B, p. 365-375.

**NTS 95L, 105I, 105P, 106C**

*Backbone Ranges Formation*  
*Blueflower Formation*  
*Hyland Group*  
*Ingta Formation*  
*Risky Formation*  
*Vampire Formation*  
*Windermere Supergroup, upper part*

**Gabrielse, H., Roddick, J.A., and Blusson, S.L., 1972**

Geology of Flat River, Glacier Lake, and Wrigley Lake map-areas, District of Mackenzie and Yukon Territory; Geological Survey of Canada Memoir 366, 268 p.

**NTS 95L, 95M, 96D, 105I, 105P**

*Arnica Formation*

*Avalanche Formation*  
*Backbone Ranges Formation*  
*Bear Rock Formation*  
*Broken Skull Formation*  
*Camsell Formation*  
*Coppercap Formation*  
*Delorme Group*  
*Funeral Formation*  
*Grizzly Bear Formation*  
*Hare Indian Formation*  
*Headless Formation*  
*Imperial Formation*  
*Katherine Group*  
*Keele Formation*  
*Landry Formation*  
*Little Dal Group*  
*Nahanni Formation*  
*Natla Formation*  
*Ram Head Formation*  
*Road River Group*  
*Rockslide Formation*  
*Sayunei Formation*  
*Sekwi Formation*  
*Sheepbed Formation*  
*Shezal Formation*  
*Sombre Formation*  
*“sub-Whittaker strata” (i.e., Ordovician or older)*  
*Sunblood Formation*  
*Tabasco Formation*  
*Tsetso Formation*  
*Tsezotene Formation*  
*Twitya Formation*  
*Whittaker Formation*

**Gal, L.P., MacNaughton, R.B., and Fallas, K.M., 2010**

Little Bear River measured section: Upper Cambrian to Middle Devonian stratigraphy, Little Bear River, Northwest Territories, Canada, NTS 096D/07; Northwest Territories Geoscience Office, NWT Open Report 2010-006, 20 p.

**NTS 96D**

*Bear Rock Formation*  
*Canol Formation*  
*Franklin Mountain Formation*  
*Hare Indian Formation*  
*Hume Formation*  
*Mount Kindle Formation*

**Gordey, S.P. and Anderson, R.G., 1993**

Evolution of the northern Cordilleran miogeocline, Nahanni map area (105I), Yukon and Northwest Territories; Ottawa, Geological Survey of Canada Memoir 428, 213 p.

NTS 95L, 105I, 105O

*Arnica Formation*

*Avalanche Formation*

*Broken Skull Formation*

*Camsell Formation*

*Carboniferous, unassigned*

*Duo Lake Formation*

*Funeral Formation*

*Grizzly Bear Formation*

*Gull Lake Formation*

*Haywire Formation*

*Jones Lake Formation*

*Landry Formation*

*Mount Christie Formation*

*Nahanni Formation*

*Narchilla Formation*

*Natla Formation*

*Portrait Lake Formation*

*Prevost Formation*

*Rabbitkettle Formation*

*Rockslide Formation*

*Sapper Formation*

*Sekwi Formation*

*Sombre Formation*

*Steel Formation*

*Tsetso Formation*

*Tsichu Formation*

*Vampire Formation*

*Yusezyu Formation*

**Green, L.H. and Godwin, C.I., 1963**

Mineral Industry of Yukon Territory and southwestern District of Mackenzie, 1962; Geological Survey of Canada Paper 63-38.

NTS 106F

*Sayunei Formation*

**Hamel, C.M. and MacNaughton, R.B., 2013**

Petrographic assessment and stratigraphy of Neoproterozoic and Cambrian sandstones from measured sections, eastern Mackenzie Mountains, Northwest Territories; Geological Survey of Canada, Open File 7472, 125 p.

NTS 96E

*Abraham Plains Formation*

*Etagochile Formation*

*Grafe River Formation*

*Mount Clark Formation*

*McClure Formation*  
*Shattered Range Formation*

**Handfield, R.C., 1968**

Sekwi Formation, a new Lower Cambrian Formation in the southern Mackenzie Mountains, District of Mackenzie; Ottawa, Geological Survey of Canada, Paper 68-47.

NTS 95L, 105I, 105P

*Sekwi Formation*

**Hume, G.S. and Link, T.A., 1945**

Canol geological investigations in the Mackenzie River area, Northwest Territories and Yukon; Geological Survey of Canada, Paper 45-16, 87 p.

NTS 95N, 95O, 96C, 96D, 96E, 96F, 106H, 106I, 106N

*Abraham Plains Formation*

*Bear Rock Formation*

*Dodo Creek Formation*

*Etagochile Formation*

*Franklin Mountain Formation*

*Grafe River Formation*

*Hare Indian Formation*

*Horn River Group*

*Hume Formation*

*Imperial Formation*

*McClure Formation*

*Mount Cap Formation*

*Mount Clark Formation*

*Mount Kindle Formation*

*Ramparts Formation*

*Saline River Formation*

*Shattered Range Formation*

*Stone Knife Formation*

*Tawu Formation*

**James, N.P., Narbonne, G.M., Dalrymple, R.W., and Kyser, T.K., 2005**

Glendonites in Neoproterozoic low-latitude, interglacial, sedimentary rocks, northwest Canada:

Insights into the Cryogenian ocean and Precambrian cold-water carbonates; *Geology*, v. 33, p. 9-12.

NTS 106A

*Keele Formation*

*Twitya Formation*

**James, N.P., Narbonne, G.M., and Kyser, T.K., 2001**

Late Neoproterozoic cap carbonates: Mackenzie Mountains, northwestern Canada: precipitation and global glacial meltdown; *Canadian Journal of Earth Sciences*, v. 38, p. 1229-1262.

NTS 95L, 95M, 106A

*Hayhook Formation*

*Ravensthoat Formation*

**Jefferson, C.W., 1983**

The Upper Proterozoic Redstone Copper Belt, Mackenzie Mountains, NWT; unpublished PhD thesis, University of Western Ontario, London, Ontario.

NTS 95L, 95M, 105P, 106A

*Coppercap Formation*

*Dodo Creek Formation*

*Gayna Formation*

*Katherine Group*

*"Little Dal basalt"*

*Ram Head Formation*

*Redstone River Formation*

*Sayunei Formation*

*Snail Spring Formation*

*Ten Stone Formation*

*Thundercloud Formation*

*Tsezotene Formation*

**Krause, F.F., 1979**

Sedimentology and stratigraphy of a continental terrace wedge: the Lower Cambrian Sekwi and June Lake formations (Godlin River Group), Mackenzie Mountains, Northwest Territories, Canada; unpublished PhD thesis, University of Calgary, Calgary, Alberta.

NTS 105P, 106 A, 106B

*Backbone Ranges Formation*

*Road River Group*

*Sekwi Formation*

*Vampire Formation*

**Lenz, A.C. and Pedder, A.E.H., 1972**

Lower and middle Paleozoic sediments and paleontology of Royal Creek and Peel River, Yukon, and Powell Creek, N.W.T; XXIV International Geological Congress, Excursion A-14, 43 p.

NTS 106H

*Bear Rock Formation*

*Canol Formation*

*Landry Formation*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Ramparts Formation*

**Long, D.G.F., Rainbird, R.H., Turner, E.C., and MacNaughton, R.B., 2008**

Early Neoproterozoic Strata (Sequence B) of mainland Northern Canada and Victoria and Banks Islands: a contribution to the Geological Atlas of the Northern Canadian Mainland Sedimentary Basin; Geological Survey of Canada, Open File 5700, 27 p.

NTS 95L, 95M, 96D, 96E, 106A, 106B, 106F, 106G, 106H

*Abraham Plains Formation*

*Katherine Group*

*Little Dal Group*

*McClure Formation*

*Ram Head Formation*  
*Snail Spring Formation*  
*Tabasco Formation*  
*Tsezotene Formation*

**Long, D.G.F. and Turner, E.C., 2014**

Formal definition of the Neoproterozoic Mackenzie Mountains Supergroup (Northwest Territories), and formal stratigraphic nomenclature for terrigenous clastic units of the Katherine Group; Geological Survey of Canada, Open File 7113, (ed. rev.), 118 p.

NTS 95L, 95M, 96D, 96E, 106A, 106B, 106F, 106G, 106H

*Abraham Plains Formation*  
*Eduni Formation*  
*Etagochile Formation*  
*Grafe River Formation*  
*McClure Formation*  
*Shattered Range Formation*  
*Tawu Formation*  
*Tsezotene Formation*

**Macdonald, F.A., Strauss, J.V., Sperling, E.A., Halverson, G.P., Narbonne, G.M., Johnston, D.T., Kunzmann, M., Schrag, D.P., and Higgins, J.A., 2013**

The stratigraphic relationship between the Shuram carbon isotope excursion, the oxygenation of Neoproterozoic oceans, and the first appearance of the Ediacara biota and bilaterian trace fossils in northwestern Canada; *Chemical Geology*, v. 362, p. 250-272.

NTS 105P, 106A, 106C

*Backbone Ranges Formation*  
*Blueflower Formation*  
*Gametrail Formation*  
*Hayhook Formation*  
*Ice Brook Formation*  
*Imperial Formation*  
*Ingta Formation*  
*"June beds"*  
*Keele Formation*  
*Ravensthoat Formation*  
*Risky Formation*  
*"Sheepbed carbonate"*  
*Sheepbed Formation*  
*Vampire Formation*

**MacNaughton, R.B., 1997**

An integrated study of the sedimentology, sequence stratigraphy and ichnology of Neoproterozoic-Cambrian transitional strata, Mackenzie Mountains, northwestern Canada; unpublished PhD thesis, Queen's University, Kingston, Ontario.

NTS 105P

*Backbone Ranges Formation*  
*Ingta Formation*  
*Risky Formation*

*Sekwi Formation*  
*Vampire Formation*

**MacNaughton, R.B. and Fallas, K.M., 2014**

Nainlin Formation, a new Middle Cambrian map unit from the Mackenzie Mountains, Northwest Territories; Bulletin of Canadian Petroleum Geology, v. 62, p. 37-67.

NTS 96D, 106A

*Franklin Mountain Formation*

*Katherine Group*

*Nainlin Formation*

**MacNaughton, R.B., Narbonne, G.M., and Dalrymple, R.W., 2000**

Neoproterozoic slope deposits, Mackenzie Mountains, northwestern Canada: implications for passive-margin development and Ediacaran faunal ecology; Canadian Journal of Earth Sciences, v. 37, p. 997-1020.

NTS 105P

*Blueflower Formation*

*Gametrail Formation*

*Risky Formation*

*Sheepbed Formation*

**MacNaughton, R.B., Roots, C.F., and Martel, E., 2008**

Neoproterozoic-(?)Cambrian lithostratigraphy, northeast Sekwi Mountain map area, Mackenzie Mountains, Northwest Territories: new data from measured sections; Geological Survey of Canada, Current Research no. 2008-16, 17 p.

NTS 105P

*Backbone Ranges Formation*

*"Sheepbed carbonate"*

*Sheepbed Formation*

**Macqueen, R.W., 1970**

Lower Paleozoic stratigraphy and sedimentology, eastern Mackenzie Mountains, northern Franklin Mountains; In: Report of Activities, Part A, April To October 1970; Geological Survey of Canada, Paper no. 70-1A, p. 225-230.

NTS 96C, 96D, 96F

*Franklin Mountain Formation*

*Mount Kindle Formation*

**Macqueen, R.W., 1974**

Lower and middle Paleozoic studies, northern Yukon Territory (106E,F,L); In: Report of Activities Part A, April to October 1973; Geological Survey of Canada, Paper 74-1A, p. 323-326

NTS 106F

*Delorme Group*

*Mount Kindle Formation*

*Peel Formation*

**Martel, E., Turner, E.C., and Fischer, B.J. (eds.), 2012**

Geology of the central Mackenzie Mountains of the northern Canadian Cordillera, Sekwi Mountain (105P), Mount Eduni (106A), and northwestern Wrigley (95M) Lake map-areas, Northwest Territories; Northwest Territories Geoscience Office, NWT Special Volume 1, 423 p.

NTS 95M, 96D, 96E, 105P, 106A, 106C, 106F

*Abraham Plains Formation*

*Arnica Formation*

*Backbone Ranges Formation*

*Bear Rock Formation*

*Camsell Formation*

*Canol Formation*

*Cloudy Formation*

*Coppercap Formation*

*Cretaceous strata*

*“diabase sill”*

*Dodo Creek Formation*

*Duo Lake Formation*

*Eduni Formation*

*Etagochile Formation*

*Fantasque Formation*

*Franklin Mountain Formation*

*Gayna Formation*

*Grafe River Formation*

*Hailstone Formation*

*Hare Indian Formation*

*Headless Formation*

*Hess River Formation*

*Hume Formation*

*Ice Brook Formation*

*Imperial Formation*

*Katherine Group*

*Keele Formation*

*Landry Formation*

*Little Dal Group*

*Marmot Formation*

*McClure Formation*

*Misfortune Formation*

*Mount Kindle Formation*

*Nahanni Formation*

*Nainlin Formation*

*Rabbitkettle Formation*

*Redstone River Formation*

*Rockslide Formation*

*Sekwi Formation*

*Shattered Range Formation*

*Sheepbed Formation*

*Sombre Formation*

*Stone Knife Formation*

*Sunblood Formation*  
*Tawu Formation*  
*“Tepee dolostone”*  
*Thor Hills Formation*  
*Thundercloud Formation*  
*Tsetso Formation*  
*Tsezotene Formation*  
*Twitya Formation*

**Morrow, D.W., 1991**

The Silurian-Devonian sequence in the northern part of the Mackenzie shelf, Northwest Territories; Geological Survey of Canada, Bulletin 413, 121 p.

NTS 96D, 105P, 106A, 106B, 106H

*Arnica Formation*  
*Backbone Ranges Formation*  
*Bear Rock Formation*  
*Camsell Formation*  
*Canol Formation*  
*Cloudy Formation*  
*Duo Lake Formation*  
*Franklin Mountain Formation*  
*Horn River Group*  
*Hume Formation*  
*Keele Formation*  
*Landry Formation*  
*Marmot Formation*  
*Mount Kindle Formation*  
*Nainlin Formation*  
*Rabbitkettle Formation*  
*Road River Group*  
*Sekwi Formation*  
*Sombre Formation*  
*Tsetso Formation*

**Morrow, D.W., 1999**

Lower Paleozoic stratigraphy of northern Yukon Territory and northwestern District of Mackenzie; Geological Survey of Canada, Bulletin 538, 202 p.

NTS 106C, 106F

*Arnica Formation*  
*Delorme Group*  
*Franklin Mountain Formation*  
*Hume Formation*  
*Landry Formation*  
*Mount Baird Formation*  
*Mount Kindle Formation*  
*Nainlin Formation*  
*Peel Formation*  
*Road River Group*

*Sheepbed Formation*  
*Tatsieta Formation*

**Morrow, D.W. and Meijer-Drees, N.C., 1981**

The Early to Middle Devonian Bear Rock Formation in the type section and other surface sections, District of Mackenzie; Current Research Part A, Geological Survey of Canada, Paper 81-1A, p. 107-114.

NTS 96C, 96E

*Bear Rock Formation*  
*Franklin Mountain Formation*  
*Landry Formation*  
*Mount Kindle Formation*  
*Tsetso Formation*

**Mountjoy, E.W. and Chamney, T.P., 1969**

Lower Cretaceous (Albian) of the Yukon: stratigraphy and foraminiferal subdivisions, Snake and Peel rivers; Geological Survey of Canada, Paper 68-26, 71 p.

NTS 106F

*Arctic Red Formation*  
*Martin House Formation*  
*Trevor Formation*

**Norford, B.S., 1964**

Reconnaissance of the Ordovician and Silurian rocks of northern Yukon Territory; Geological Survey of Canada, Paper 63-39, 139 p.

NTS 106F

*Delorme Group*  
*Devonian strata*  
*Franklin Mountain Formation*  
*Mount Kindle Formation*  
*Ordovician to Silurian strata*

**Norford, B.S., 1996**

Chapter 6: Ordovician and Silurian; In: Norris, D.K. (ed.), Geology and mineral and hydrocarbon potential of northern Yukon Territory and northwestern District of Mackenzie; Geological Survey of Canada, Bulletin 422, p. 119-162.

NTS 106F

*Delorme Group*  
*Mount Kindle Formation*  
*Peel Formation*

**Norford, B.S. and Macqueen, R.W., 1975**

Lower Paleozoic Franklin Mountain and Mount Kindle formations, District of Mackenzie: their type sections and regional development; Geological Survey of Canada, Paper 74-34.

NTS 95O

*Franklin Mountain Formation*  
*Mount Kindle Formation*

**Norris, A.W., 1967**

Descriptions of Devonian sections in northern Yukon Territory and northwestern District of Mackenzie; Geological Survey of Canada, Paper 66-39, 298 p.

NTS 106F, 106G, 107B

*Arnica-Sombre-Bear Rock assemblage*

*Cambrian strata*

*Canol Formation*

*Cranswick Formation*

*Hare Indian Formation*

*Hume Formation*

*Mount Kindle Formation*

*Ogilvie Formation*

*Ordovician carbonate*

*Silurian carbonate*

**Norris, A.W., 1968**

Reconnaissance Devonian stratigraphy of northern Yukon Territory and northwestern District of Mackenzie; Geological Survey of Canada, Paper 67-53, 287 p.

NTS 106F, 106G

*Arnica-Sombre-Bear Rock assemblage*

*Canol Formation*

*Cranswick Formation*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Prongs Creek Formation*

*Silurian strata?*

**Norris, A.W., 1985**

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NTS 106F, 106G, 107B

*Canol Formation*

*Cranswick Formation*

*Delorme Group*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Mount Baird Formation*

*Road River Group*

*Silurian strata*

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NTS 106F, 106N, 107B

*Cretaceous, unassigned*

*Katherine Group*  
*Little Dal Group*  
*Mackenzie Mountains Supergroup*  
*Nainlin Formation*  
*Tuttle Formation*

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**NTS 95L**

*Whittaker Formation*

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**NTS 96E, 106F, 106G, 106H**

*Arctic Red Formation*

*Arnica Formation*

*Arnica-Sombre-Bear Rock assemblage*

*Bear Rock Formation*

*Canol Formation*

*Delorme Group*

*Fort Norman Formation*

*Franklin Mountain Formation*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Katherine Group*

*Landry Formation*

*Mississippian strata*

*Martin House Formation*

*Mount Baird Formation*

*Mount Cap Formation*

*Mount Clark Formation*

*Mount Kindle Formation*

*Nainlin Formation*

*Peel Formation*

*Ramparts Formation*

*Road River Group*

*Saline River Formation*

*Tatsieta Formation*

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**NTS 96D, 96E**

*Bear Rock Formation*  
*Mount Kindle Formation*  
*Tsetso Formation*

**Pratt, B.R., 1992**

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NTS 95L, 95M, 105I, 105P

*Avalanche Formation*  
*Backbone Ranges Formation*  
*Broken Skull Formation*  
*Rabbitkettle Formation*  
*Rockslide Formation*  
*Sekwi Formation*

**Pyle, L.J. and Gal, L.P., 2007**

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NTS 106F, 106G, 106H, 106I

*Abraham Plains Formation*  
*Arnica Formation*  
*Arnica-Sombre-Bear Rock assemblage*  
*Bear Rock Formation*  
*Canol Formation*  
*Delorme Group*  
*Franklin Mountain Formation*  
*Hare Indian Formation*  
*Hume Formation*  
*Landry Formation*  
*Mount Cap Formation*  
*Mount Clark Formation*  
*Mount Kindle Formation*  
*Nainlin Formation*  
*Peel Formation*  
*Ramparts Formation*  
*Saline River Formation*  
*Tatsieta Formation*

**Pyle, L.J. and Gal, L.P., 2012**

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NTS 95N, 96D, 96E, 106H, 106I

*Canol Formation*  
*Hare Indian Formation*  
*Hume Formation*  
*Imperial Formation*  
*Ramparts Formation*

**Pyle, L.J. and Gal, L.P., 2013**

Measured sections and petroleum potential data (conventional and unconventional) of Horn River Group outcrops, NTS 96C, 96E, and 106H, Northwest Territories – Part III; Northwest Territories Geoscience Office, NWT Open Report 2013-005, 73 p.

NTS 96C, 96D, 106H

*Canol Formation*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Ramparts Formation*

**Pyle, L.J., Gal, L.P., and Fiess, K.M., 2014**

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NTS 95N, 96C, 96D, 96E, 106H, 106I

*Canol Formation*

*Hare Indian Formation*

*Hume Formation*

*Imperial Formation*

*Ramparts Formation*

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NTS 96D, 96E, 106H

*Canol Formation*

*Hare Indian Formation*

*Hume Formation*

*Ramparts Formation*

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Seventeen measured sections of Cambrian Mount Clark and Mount Cap formations, northern Mackenzie Mountains and Franklin Mountains, Northwest Territories; Ottawa, Geological Survey of Canada, Open File 6148 (ed. rev.), 81 p.

NTS 95O, 96B, 96C, 96D, 96E, 106H

*Abraham Plains Formation*

*Dodo Creek Formation*

*Katherine Group*

*Mackenzie Mountains Supergroup*

*McClure Formation*

*Mount Cap Formation*

*Mount Clark Formation*

*Saline River Formation*

*Stone Knife Formation*

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NTS 106A

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*Sheepbed Formation*

**Sweet, A.R., Ricketts, B.D., Cameron, A.R., and Norris, D.K., 1989**

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NTS 96C, 96D

*East Fork Formation*

*Little Bear Formation*

*Summit Creek Formation*

**Turner, E.C., 2011**

A lithostratigraphic transect through the Cambro-Ordovician Franklin Mountain Formation in NTS 96D (Carcajou Canyon) and 96E (Norman Wells), Northwest Territories; Geological Survey of Canada, Open File 6997, 28 p.

NTS 96D, 96E

*Franklin Mountain Formation*

*Mount Kindle Formation*

*Nainlin Formation*

*Saline River Formation*

**Turner, E.C. and Long, D.G.F., 2012**

Formal definition of the Neoproterozoic Mackenzie Mountains Supergroup (NWT), and formal stratigraphic nomenclature for its carbonate and evaporate formations; Geological Survey of Canada, Open File 7112, 57 p.

NTS 95 M, 95L, 96D, 106A, 106G

*Dodo Creek Formation*

*Gayna Formation*

*“Little Dal basalt”*

*Nainlin Formation*

*Ram Head Formation*

*Silverberry Formation*

*Snail Spring Formation*

*Stone Knife Formation*

*Tabasco Formation*

*Ten Stone Formation*

**Upitis, U., 1966**

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NTS 95M, 105P

*Coates Lake Group*

*Keele Formation*

*Little Dal Group*  
*Sayunei Formation*  
*Shezal Formation*  
*Twitya Formation*

**Yeo, G., 1984**

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NTS 95L, 95M, 105P, 106A, 106B, 106F

*Keele Formation*  
*Mount Berg Formation*  
*Sayunei Formation*  
*Shezal Formation*  
*Twitya Formation*

**Yorath, C.J. and Cook, D.G., 1981**

Cretaceous and Tertiary stratigraphy and paleogeography, northern Interior Plains, District of Mackenzie; Geological Survey of Canada, Memoir 398, 76 p.

NTS 96C, 96D, 96E, 96H, 106H

*Arctic Red Formation*  
*East Fork Formation*  
*Imperial Formation*  
*Little Bear Formation*  
*Mahony Lake Formation*  
*Martin House Formation*  
*Slater River Formation*  
*Summit Creek Formation*  
*Trevor Formation*