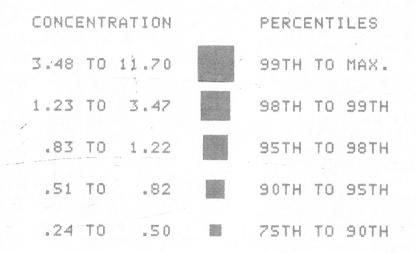
BARIUM (%)

G.S.C. OPEN FILE 868
YUKON AND NORTHWEST TERRITORIES, 1981
NAHANNI MAP (NTS 1051)

Geochemical Symbol and Data Presentation

The concentration of each element is represented by the actual value plotted adjacent to the sample site represented by a "+" symbol. In addition to enhance visual impact, values over the 75th percentile are designated by grey solid squares which are symmetrically arranged so that they increase in size from the 75th to the 99th percentile. The actual concentration range represented by each symbol is illustrated below with a histogram.

In addition to 25 geochemical maps, each Open File contains an appendix consisting of a short discussion of the geochemistry, survey and analytical methodologies, listing of field and analytical data, and statistical data. The statistical data is provided for the total data set as well as for data subsets grouped on the basis of major stratigraphic units.



SELECTED MINERAL DEPOSITS AND OCCURRENCES

- Stratabound Zn-Pb (Lower Silurian Age)
- ▲ Stratabound Zn-Pb-Ba (Devonian Age)
- Stratabound Barite (Devonian Age)
 Replacement Zn, Pb (age unknown)
- Vein Zn, Pb, Ag, Au, Sb (age unknown)
- ▼ Skarn W, Zn (Cretaceous)

Note: Further information on each occurrence or deposit is given in the Appendix which accompanies this open file.

Geochemistry by W.D. Goodfellow Geological Survey of Canada Resource Geophysics and Geochemistry Division

CONTRACTORS

Sample collection by Marshall Macklin Monaghan Ltd., Toronto.Uranium in sediment chemical analysis by Nova Track Ltd., Vancouver. Other sediment chemical analysis by Bondar-Clegg and Company, Ottawa

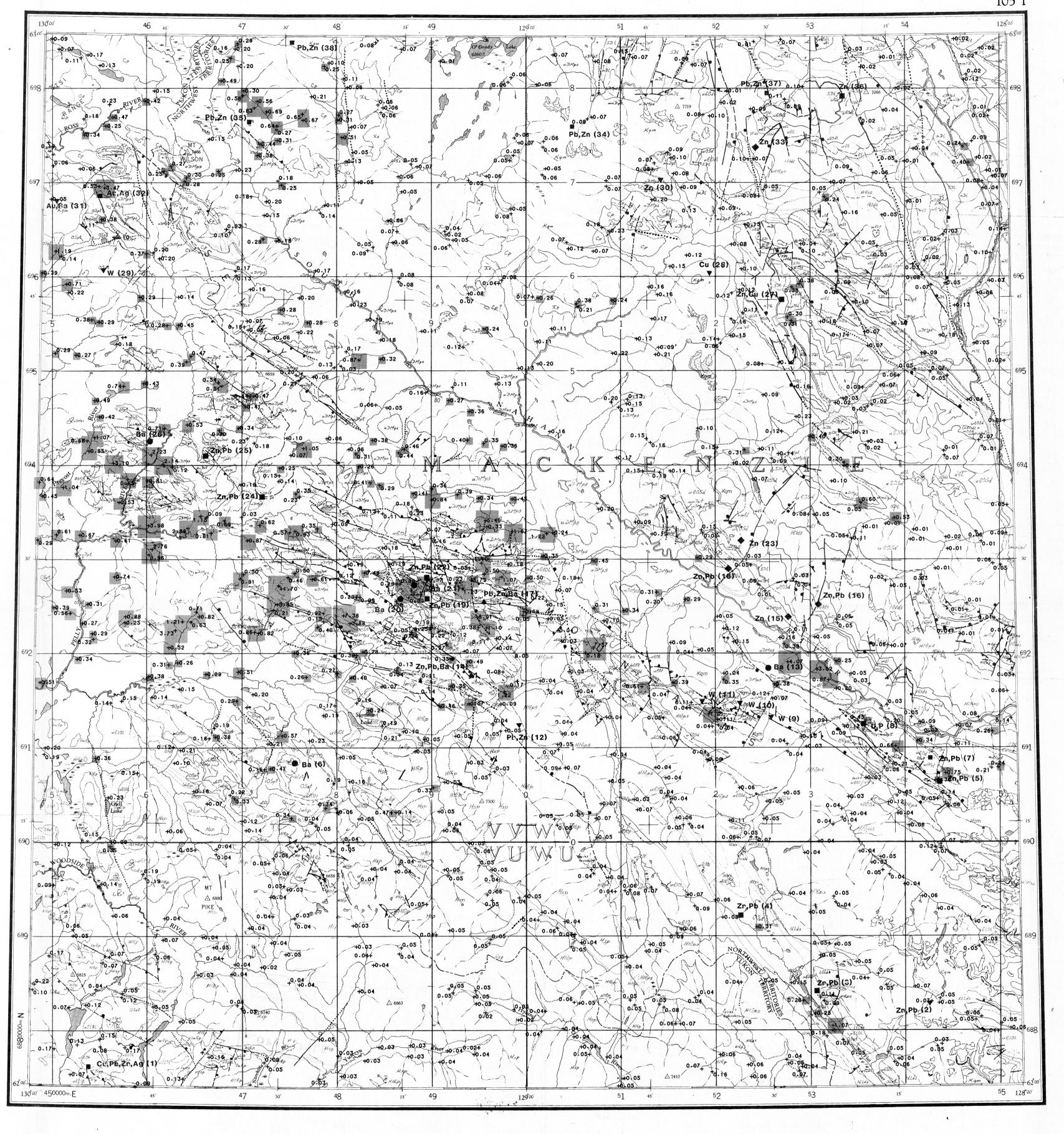
This map forms one of a series of 26 maps released by the Geological Survey of Canada on Open File 868. Each Open File consists of maps for 19 elements for stream sediments, 5 elements for stream waters, and 1 each for water pH and sample site location.

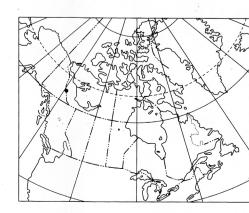
The Director
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario
K1A 0E8

The data are also available in digital form. For further information please contact:

The Director Computer Science Centre Department of Energy, Mines and Resources Ottawa, Ontario K1A OE4





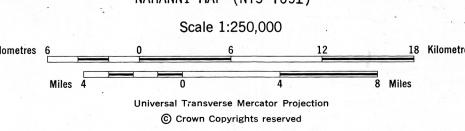


Mean magnetic declination 1982, 32°58.1' East, decreasing 8.8 annually. Readings vary from 32°44.2' in the SE corner to 33°5.6' in the NW corner of the map.

BARIUM (%)
G.S.C. OPEN FILE 868

NATIONAL GEOCHEMICAL RECONNAISSANCE MAP 51-1981 STREAM SEDIMENT AND WATER GEOCHEMICAL SURVEY

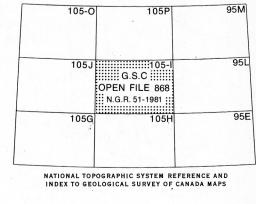
> YUKON AND NORTHWEST TERRITORIES, 1981 NAHANNI MAP (NTS 1051)



Elevation in feet above mean sea level

Base map drawn and printed by the

Army Survey Establishment R.C.E. 1949-54



LEGEND

Grey weathering, resistant, medium-to coarse-grained, megacrystic (K-feldspar), biotite quartz monzonite

The common to construct the content of the content	CRETAC	hf	Pelitic hornfels: red-rust to brown weathering, extremely well indurated, massive, fine grained Carbonate hornfels: white to grey weathering, extremely well indurated, fine-to coarse crystalline; large tremolite porphyroblasts abundant in hornfelsed uEOL
Section of the Company of the public of the company of the public depth of the company of the public of the company of the compan	RIASSIC	Ts.	Tan weathering, thin bedded, ripple cross-laminated siltstone, fine grained sandstone, and shale
The contraction of the property of the contraction contracts and the contract of the contract	PERMIAN σ	Pt	Orange to grey weathering, thin bedded, locally lenticular, pale green to blue-grey chert; minor dark dreen to brown weathering, pale green, splintery shale
The processor of the control of the	ARBONIFEROU	Ср	Brown weathering, recessive, thin bedded, blue-grey shale, black laminated quartz siltstone, and pale green shale; minor fine- to medium-grained quartz arenite
The contraction of the property of the contraction contracts and the contract of the contract		Cs	
Beauty and the street, review and the close of the proof of the control of the co		uDMps	coarse-grained, light- to dark-grey, chert-quartz arenite and wacke; minor brown weathering, blue-grey to
proposed to the controlling, the controlling, shadowing with the controlling of the contr	1		brown weathering, thin- to medium-bedded, fine- to medium-grained, chert-quartz arenite and wacke
The control of the co			Black to gun-blue weathering, massive, chert and shale clast granule to pebble conglomerate with mud matrix; contains minor quartz sand; clasts commonly matrix supported
generation of the content in properties of core. 201 102 103 103 104 105 105 106 107 107 107 107 107 107 107		muDpt	
The state of the state of the sales, first y agestifies, dest therepsy through the state of any agestifies seathers, this is a state-dated, firsts year, and is, first, a state of the stat		. 9	with muDt to southwest by increase in proportion of chert
Section of the processing of the content of the c	Z		
The part of field, processing, this helder, shay, firstly opposition, black limitations them party emblering, and a basics, freely completing, and in the companions of the co	DEVO		Orange-brown weathering, thin- to medium-bedded, finely crystalline, light- to dark-grey limestone
The page vertices in this holder, firely crystalline, flower calculates white shields filling wides and open cancel colors of the same page vertices, such a bodder, firely crystalline, including any open colors of the same page vertices, and the same pag		<u>1</u> mDI1	
The control of the co		IDI .	Dark grey weathering, recessive, thin bedded, platy, finely crystalline, black limestone; minor grey weathering, medium bedded, finely crystalline, grey limestone
when yet and of got are preschedule, beginning the control of the debtory. The other provides are story of the control of the		<u>m</u> I Dd	
Backet cried the fragment at 5 year and company and the company active title to the company active to the comp		IDd	middle part of unit of dark grey weathering, medium-to thick-bedded, fine- to medium crystalline, in part
The bord or day are excising, receiving, this basine, harmone, anythemos, foulty crystalline, black intentions in the marriests; thick each cried yet may black intention in the marriests; thick each cried yet may be discussed in the cried yet may be discussed in the cried yet may be discussed. ### Blue-grey weathering, reststant betch deded, about the cried yet may be discussed in the cried yet may be discussed as a single property of the cried yet may will be discussed by discussing in the cried yet may be discussed by the cried in the cried yet may be discussed by the cried in the cried yet and the page duct of which as the framework in properties of these yet crystalline, about the page duct of which is and by increase in properties of these yet and the page duct of which is and by increase in properties of these yet ducts to grey wathering, stocks are yet three-bedder, market, making cried to the creation of page ducts. ###################################		<u>u</u> IDI	abundant crinoid stem fragments with twin axial canals; massive fine- to medium crystalline, grey
Out with back ammatter and health by bounds and grafte case. Out of the properties		SDI	Dark grey veathering, thin- to medium-bedded, finely crystalline, black limestone
Out of the properties of ben'thy desired to the properties of the			black limestone: in the northeast, black weathering, finely crystalline, black, crinoidal limestone
Signal Williams (a continued to an object to provide the part of the continued to the conti	to orb		
Black westwering, this—to medium-bedded, only gray to ablack chart were black silicons shales inforced in the town westhering, recessive dark pely biles of base white or gray active decoder, masking, and an active set thereing, this—by chick-bedded, masking, section crystalline, gray objects, locally containing abundant models of biles for gray chart.		<	wispy black lamination and locally by abundant small pyrite cubes
white to pray weathering, thick to may thick-bedded, mastive, medium crystalline, grey dolonite, locally containing abundance reculsed in Place detect. Gray to write weathering, medium to thick-bedded, massive, fines to medium crystalline, grey dolonite; in open past more thick bedded, containing abundance of the provided dolonite medium to containing and the provided dolonite medium to containing and the provided dolonite medium to containing and the provided dolonite medium to the provided dolonite medium to contain the provided dolonite medium to contain the provided dolonite medium to the colonite medium to the col			crystalline, black limestone and black chert; merges with OSt to southwest by increase in proportion
white to gray weathering, thick to way thick-dedde, massive, fine- to median crystalline, grey dolonite, locally containing abundance reculsed in Historian crystalline, and the containing abundance reculsed in Historian crystalline, and the containing abundance reculsed in Historian children crystalline, and the containing abundance are contained about the containing and	VONIAN	i de la companya de l	Black weathering, thin- to medium-bedded, dark grey to black chert: rare black siliceous shale; minor tan to brown weathering, recessive dark grey shale at base
price real earstreng, this to block additions cannot be grown washering, this but belief, free consider crystaline, little to the colored and the colored and the colored colo	ä		White to grey weathering, thick- to very thick-bedded, massive, medium crystalline, grey dolomite, locally containing abundant nodules of black or grey chert
White to orange weathering, recessive, thin bedded, finely crystalline, supery discovered to the bedder to be superior to superior superior to superior superio		ueosd	Grey to white weathering, medium- to thick-bedded, massive, fine- to medium crystalline, grey dolomite; in upper part minor thick beds of medium crystalline, black dolomite
Rust-brown weathering, resistant, syritic, anydgaloidal basalt; grey and rust-grey weathering, fissile, green tuff, minor dolonate Buff to grey weathering, recessive, thin bedded, finely crystalline, dark grey to black Inestone Blue-grey weathering, thin bedded, finely crystalline, porcellaneous, black linestone, minor grey weathering, this bedded, finely crystalline, grey colonite Grey to white weathering, thick bedded, massive, fine- to medium-crystalline, grey to black delonite; bedded into bedded, and the state of finely crystalline, grey dolonite in nearly of boards delonite bedded into bedded, and the state of finely crystalline, grey dolonite with dolonite with dolonite and the grey medium of the state of finely crystalline, grey dolonite in state in the state of massive, place green, locally modular; at base to massive, place green, locally modular; at base to massive, place green, locally modular; at base to massive, place grey dolonite Into brown weathering, recessive, thin bedded, finely crystalline, grey limestone, locally modular; at base to make a state of grey weathering, thin bedded, finely crystalline, grey limestone, locally modular; at base to make a state of grey weathering, thin bedded, finely crystalline, grey limestone of grey dolonite into this bedded, green, state, this bedded, grey massive, fine- to medium crystalline, grey dolonite massive medium grained, white coarts are made and grey to grey dolonites afform medium to thick-bedded, finely crystalline, grey limestone and green grey dolonite massive medium grained by grey medium grained, grey problems and grey to grey the grey medium grained by grey to grey weathering, missive, finely crystalline, grey dolonite India provided the grey to grey to grey to grey dolonite was to grey weathering, grey or grey weathe	AN AND		to medium crystalline, light coloured dolomite; medium bedded, medium- to coarse-grained, dolomitic, grey quar
Buff to grey weathering, recessive, thin bedded, finely crystalline, dark grey to black limestone Blue-prey weathering, thin bedded, finely crystalline, procellaneous, black limestone, minor grey weathering, thin bedded, finely crystalline, grey dolonite in this bedded, finely crystalline, grey dolonite in matrix of coarsely crystalline, white dolonite broccis with large blocks of finely crystalline, grey dolonite in matrix of coarsely crystalline, white dolonite in matrix of coarsely crystalline, white dolonite matrix of coarsely crystalline, blue-grey limestone; includes in upper part partness of ilonaris Pass, thin bedded, finely crystalline, blue-grey limestone; local thin bedded to matrix, pale prem, lashli suff Ist to orange brown weathering, thin bedded, finely crystalline, blue-grey limestone, locally rodular, at base is minor thin bedded, prine grey dolonite, grey weathering, recessive, thin bedded, finely crystalline, grey limestone. Info Obress weathering, thin to thick-bedded, finely crystalline, grey limestone Info Obress weathering, thin to thick-bedded, finely crystalline, grey limestone upper - bright orange brown weathering, recessive, thin to thick-bedded, from to purple silistone and dolonite minor medium to thick-bedded, grinely crystalline light coloured dolonite minor medium to thick-bedded, grinely crystalline light coloured dolonite minor medium to thick blooded, medium grained, grine, uprel weathering, crystalline, purple silistone and dolonite minor medium to thick blooded, finely crystalline light coloured dolonite minor may be upper - bright orange be one weathering, thin bedded, finely crystalline, grey dolonite minor in grey dolonite minor and oblitic limestone and oblitic limestone and oblitic limestone weathering, thin bedded, lique grey dolonite dolonite silistone, and olitic limestone, and olitic limestone in orange weathering, thin bedded, lique grey dolonite liques and bedded of the grey dolonite liques and bedded of the grey dolonite liques and liques and liques and l			White to orange weathering, massive, fine- to medium crystalline, grey dolomite
white to bush was being, laminated or thin bedded, finely crystalline, blue-grey limestone; includes in upper was been counted. Suns. other bedded, finely crystalline, nodular, sity limestone; local thin bedded to massive, pale green, lapilit turf Tan to crange brown weathering, thin bedded, finely crystalline, blue-grey limestone, locally rodular; at base is minor thin bedded, fine grained, grey quartz arenite mid			
white to buff westhering, laminated on thin bedded, finely crystalline, blue-grey limestone; includes in upper consists of thoughts assess, thin bedded, finely crystalline, nodular, sity limestone; local thin bedded to massive, pale green, lapilit tuff In the corrage brown weathering, thin bedded, finely crystalline, blue-grey limestone, locally nodular; at base is minor thin bedded, fine grained, grey quartz arenite mid Light grey weathering, recisiant, thick bedded, massive, fine- to medium crystalline, grey dolonite is minor medium- to thick-bedded, finely crystalline, grey limestone To comage weathering, recisiant, thick bedded, finely crystalline, grey limestone into the second control of the second control o			
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Is simpor thin bedded, fine grained, grey quartz arenite		nelol	part northeast of Howard's Pass, thin bedded, finely crystalline, nodular, silty limestone; local thin bedded
Tan to brown weathering, recessive, thin bedded, finely crystalline, grey limestone Orange weathering, thin- to thick-bedded, finely crystalline, locally sandy, cream, orange, or grey dolonite; minor medium to thick-bedded, medium grained, white quartz arenite; minor purple weathering, thin bedded, purple siltstone and olonitic minor purple siltstone and olonitic middle - purple weathering, recessive, thin to thick-bedded, brown to purple siltstone and olonitic siltstone, minor with bedded, pression, reclaims to thick-bedded, medium grained, grey quartz arenite and interbedded brown siltstone; thin to thick interbeds of orange weathering olonite towards top Grey to buff weathering, thin bedded, locally wavy bedded and nodular, finely crystalline blue-grey to black limestone; minor limestone conglomerate with rounded to subangular clasts of blue-grey weathering grey limestone and colitic limestone in conglomerate with rounded to subangular clasts of blue-grey weathering grey limestone and colitic limestone in grey to black disrupted to discontinuous wispy lamination Info Info Brown to orange brown weathering, recessive, thin bedded, blue-grey slate and siltstone; minor fine grained subarkose to quartz arenite Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline, metric, jo orange to grey weathering, fine grained, locally sandy limestone Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline metric, sold provided to subarkose to quartz arenite Lenticular bodies of white weathering limestone, colitic immestone, and archeocyathis, metric, jo orange, grey weathering, fine grained, locally sandy limestone Brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit and/or subarkose; slate; southwest of South Nahanis River - dark brown weathering, pale green to lun slate Grey to brown weathering, thin- to thick-bedded, fine-grained, pale green, quartz arenite to subarkose an		ue I	Tan to orange brown weathering, thin bedded, finely crystalline, blue-grey limestone, locally nodular; at base is minor thin bedded, fine grained, grey quartz arenite
Orange weathering, thin- to thick-bedded, finely crystalline, locally sandy, cream, orange, or grey dolomite; minor medium- to thick-bedded, medium grained, white quartz arenite; minor purple weathering, thin- bedded, purple siltstone upper - bright orange weathering, thin- to thick-bedded, finely crystalline light coloured dolomite middle - purple weathering, recessive, thin- to thick-bedded, brown to purple siltstone and olomitic siltstone, minor thin bedded, orange weathering dolomite middle - purple weathering, recessive, thin to thick interbeds of orange weathering arenite and interbedded brown siltstone; thin to thick interbeds of orange weathering dolomite towards top arenite and interbedded brown siltstone; thin to thick interbeds of orange weathering dolomite towards top limestone; and olinit ill imestone in orange weathering, locally sandy, limestone matrix; upper 1/3 of 161d is white weathering, massive, finely crystalline, grey dolomite Image Tan weathering, recistant, medium bedded, wariably calcareous and dolomitic, blue-grey siltstone and mudstone; parallel lamination in grey to black disrupted to discontinuous wispy lamination Brown to orange brown weathering, recessive, thin bedded, blue-grey silts and siltstone; minor fine grained subarkote to quartz arenite Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline limestone; conglomerate clasts include fine grained blue-grey limestone, colitic limestone, and archeocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone Buff brown to rast weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit and/or subarkose; silate; southwest of South Nahanin River - dark brown weathering, pale green to the silate Waroon, purple or green weathering, recessive silate, 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 silat		mGd	
Comparison Com		meI	
middle - purple weathering, recessive, thin- to thick-bedded, brown to purple siltstone and dolomitic siltstone, minor thin bedded, orange weathering dolomite lower - light orange to brown weathering, resistant, medium to thick-bedded, medium grained, grey quartz arenite and interbedded brown siltstone; thin to thick interbeds of orange weathering grey to black limestone; minor limestone conglomerate with rounded to subangular clasts of blue-grey weathering grey limestone and oolitic limestone in orange weathering, braily sandy, limestone matrix; upper 1/3 of 161d is white weathering, massive, finely crystalline, grey dolomite Inmsp		IEIds	dolomite; minor medium- to thick-bedded, medium grained, white quartz arenite; minor purple weathering,
limestone; minor. limestone conglomerate with rounded to subangular clasts of blue-grey weathering grey limestone and ool littic limestone in orange weathering, bocally sandy, limestone matrix; upper 1/3 of IEId is white weathering, resistant, medium bedded, variably calcareous and dolomitic, blue-grey siltstone and mudstone; parallel lamination in grey to black disrupted to discontinuous wispy lamination Brown to orange brown weathering, recessive, thin bedded, blue-grey slate and siltstone; minor fine grained subarkose to quartz arenite Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline limestone; conglomerate clasts include fine grained blue-grey limestone, colitic limestone, and archeocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone Bark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit 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 Buff weathering massive dolomite 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 Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite and subarkose and interbedded pale green to tan slate Grey to brown weathering, thin- to thick-bedded, coarse grained, calcareous, grey quartz arenite and subarkose and interbedded pale green to tan slate Grey to brown weathering, thin- to thick-bedded, coarse grained, calcareous, grey quartz arenite and subarkose and interbedded pale green to tan slate Grey to brown weathering, thin- to medium-bedded, coarse grained, calcareous, grey quartz arenite and subarkose and interbedded pale green slate; minor thin bedded grey or white finely	NA IN		middle - purple weathering, recessive, thin- to thick-bedded, brown to purple siltstone and dolomitic siltstone, minor thin bedded, orange weathering dolomite lower - light orange to brown weathering, resistant, medium- to thick-bedded, medium grained, grey quartz
Brown to orange brown weathering, recessive, thin bedded, blue-grey slate and siltstone; minor fine grained subarkose to quartz arenite 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 Dark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit 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 Buff weathering massive dolomite 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 Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate Grey to brown weathering, thin- to thick-bedded, coarse grained, caicareous, 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 Geology by S.P. Gordey 1977, 1978, 1979, 1980 (with contributions from previous work by S.L. Blusson, J.A. Roddick, and L.H. Green (1967)) Limit of outcrop. Geological boundary (defined, approximate, assumed or extrapolated beneath overburden; barb on downthrown side).	Q		limestone; minor limestone conglomerate with rounded to subangular clasts of blue-grey weathering grey limestone and oplitic limestone in orange weathering, locally sandy, limestone matrix; upper 1/3 of IGId is
Lenticular bodies of white weathering limestone conglomerate and minor blue-grey finely crystalline limestone; conglomerate clasts include fine grained blue-grey limestone, colitic limestone, and archeocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone and anchocyatha; matrix is orange to grey weathering, fine to thick-bedded, greenish grey siltstone; very fine grained quartz arenit 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 Buff weathering massive dolomite 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 Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate 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 Geology by S.P. Gordey 1977, 1978, 1979, 1980 (with contributions from previous work by S.L. Blusson, J.A. Roddick, and L.H. Green (1967)) Limit of outcrop. Geological boundary (defined, approximate, assumed or extrapolated beneath overburden). Fault, stepply dipping (defined, approximate, assumed or extrapolated beneath overburden; barb on downthrown side).	z	Im€p	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
conglomerate clasts include fine grained blue-grey limestone, onlitic limestone, and archeocyatha; matrix is orange to grey weathering, fine grained, locally sandy limestone Bark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit 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 Buff weathering massive dolomite 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 Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate 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 Geology by S.P. Gordey 1977, 1978, 1979, 1980 (with contributions from previous work by S.L. Blusson, J.A. Roddick, and L.H. Green (1967)) Limit of outcrop			
Dark brown to rust weathering, thin- to thick-bedded, greenish grey siltstone; very fine grained quartz arenit 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 Buff weathering massive dolomite 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 Orange, grey or tan weathering, thin- to medium-bedded, fine grained, pale green, quartz arenite to subarkose and interbedded pale green to tan slate 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 plagicalse and orthoclase Geology by S.P. Gordey 1977, 1978, 1979, 1980 (with contributions from previous work by S.L. Blusson, J.A. Roddick, and L.H. Green (1967)) Limit of outcrop. Geological boundary (defined, approximate, assumed or extrapolated beneath overburden) Fault, steeply dipping (defined, approximate, assumed or extrapolated beneath overburden; barb on downthrown side).			conglomerate clasts include fine grained blue-grey limestone, colitic limestone, and archeocyatha; matrix is
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polated beneath overburden; barb on downthrown side)		Geologica benea Fault, ste	l boundary (defined, approximate, assumed or extrapolated th overburden)
Geology by S.P. GORDEY (1981), Geological Survey of Canada, Open File 780		No ana	lytical result

BARIUM (%)
G.S.C. OPEN FILE 868
YUKON AND NORTHWEST TERRITORIES, 1981
NAHANNI MAP (NTS 1051)

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