

GEOLOGY
PALEOZOIC AND MESOZOIC GEOLOGY OF THE HUDSON AND SOUTHEAST ARCTIC PLATFORMS

Scale 1:2 500 000 - Échelle 1/2 500 000
 Kilometres 0 50 100 150 200 Kilomètres

Transverse Mercator Projection
 UTM Zone 18N
 Datum: Everest 1956
 Projection: Transverse Mercator
 M.S. 80°W
 Datum: Everest 1956
 Projection: UTM Zone 18N

Geological compilation by B.V. Sanford and A.C. Grant, 1998
 Paleozoic and Mesozoic geological framework constructed from data obtained from field and marine surveys mainly by the authors and fellow officers of the Geological Survey of Canada. Additional information was obtained from provincial Geological Survey agencies, university theses projects and exploration data from private industry. Stratigraphic nomenclature geology adopted from newly published Geological Map of Canada (Geological Survey of Canada Map 1885A)

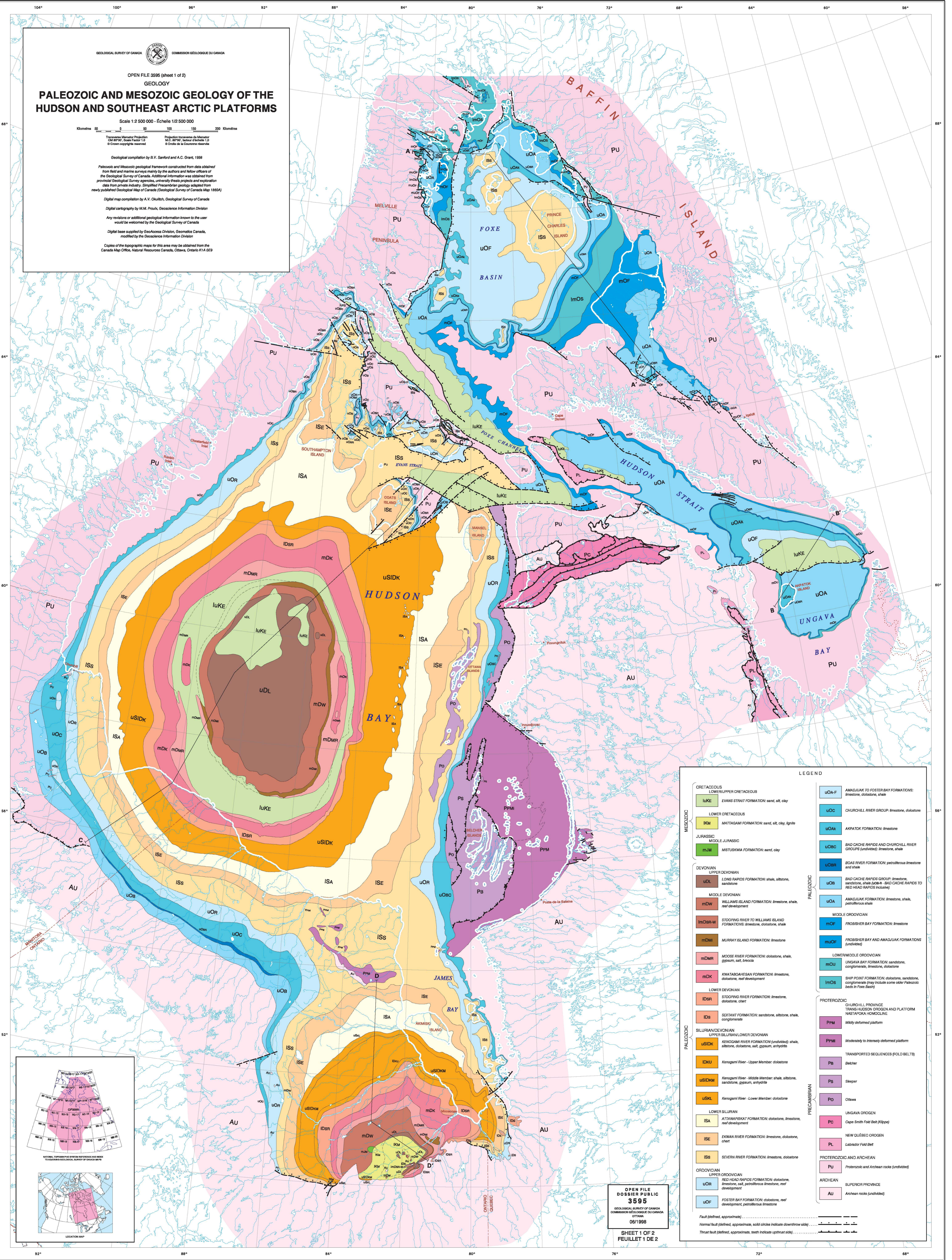
Digital map compilation by A.V. Daulton, Geological Survey of Canada

Digital cartography by M.M. Proulx, Geoscience Information Division

Any revisions or additional geological information known to the user would be incorporated by the Geological Survey of Canada

Digital base supplied by Geoscience Division, Commission Canada, modified by the Geoscience Information Division

Copies of the topographic maps for this area may be obtained from the Canada Map Office, Natural Resources Canada, Ottawa, Ontario K1A 0E9



LEGEND

CRETACEOUS	LOWER UPPER CRETACEOUS	uOA-F	AMADJUK TO FOSTER BAY FORMATIONS: limestone, dolomite, shale	
luKE	EVANS STRAIT FORMATION: sand, silt, clay	uOC	CHURCHILL RIVER GROUP: limestone, dolomite	
LOWER CRETACEOUS	IKM	uOAK	AKPATOK FORMATION: limestone	
JURASSIC	MIDDLE JURASSIC	uORC	BAD CACHE RAPIDS AND CHURCHILL RIVER GROUPS (undivided): limestone, shale	
mJM	MISTUSKWA FORMATION: sand, clay	uORH	IKAS RIVER FORMATION: petroliculous limestone and shale	
DEVONIAN	UPPER DEVONIAN	uOB	BAD CACHE RAPIDS GROUP: limestone, sandstone, shale (uOB-R - BAD CACHE RAPIDS TO RED HEAD RAPIDS inclusive)	
uDL	LONG RAPIDS FORMATION: shale, siltstone, sandstone	uOA	AMADJUK FORMATION: limestone, shale, petroliculous shale	
mDW	WILLIAMS ISLAND FORMATION: limestone, shale, reef development	MIDDLE OROCOVICAN	mOF	FROBISHER BAY FORMATION
mDSR-W	STOOPING RIVER TO WILLIAMS ISLAND FORMATIONS: limestone, dolomite, shale	muOF	FROBISHER BAY AND AMADJUK FORMATIONS (undivided)	
mDM	MURRAY ISLAND FORMATION: limestone	LOWER MIDDLE OROCOVICAN	mOU	UNGAVA BAY FORMATION: sandstone, conglomerate, limestone, dolomite
mDMR	MOOSE RIVER FORMATION: dolomite, shale, gypsum, salt, brine	ImOS	SHIP POINT FORMATION: dolomite, sandstone, conglomerate (may include some older Paleozoic beds in Foxe Basin)	
mDK	KWATBOHEGAN FORMATION: limestone, dolomite, reef development	PROTEROZOIC	PPM	CHURCHILL PROVINCE TRANS-HUDSON OROGEN AND PLATFORM NASTAPORA HMCCLURE: Mildly deformed platform
LOWER DEVONIAN	uOR	uOR	Stooping River Formation: limestone, dolomite, chert	
IDS	SEXTANT FORMATION: sandstone, siltstone, shale, conglomerate	PPM	Moderately to intensely deformed platform	
SILURIAN/DEVONIAN	UPPER SILURIAN/LOWER DEVONIAN	Pb	Baibier	
uSIDK	KENOGAMI RIVER FORMATION (undivided): shale, siltstone, dolomite, salt, gypsum, anhydrite	Ps	Sleeper	
IDKU	Kenogami River - Upper Member: dolomite	Po	Ottawa	
uSIDKm	Kenogami River - Middle Member: shale, siltstone, sandstone, gypsum, anhydrite	Pc	UNGAVA OROGEN Cape Smyth Fold Belt (Kippe)	
uSKL	Kenogami River - Lower Member: dolomite	Pl	Labrador Fold Belt	
LOWER SILURIAN	ISA	PROTEROZOIC AND ARCHEAN	Pu	Proterozoic and Archean rocks (undivided)
ISE	ATTAHAPATSKAT FORMATION: dolomite, limestone, reef development	ARCHEAN	AU	Archean rocks (undivided)
ISS	SEVERN RIVER FORMATION: limestone, dolomite			
OROCOVICAN	UPPER OROCOVICAN			
uOR	RED HEAD RAPIDS FORMATION: dolomite, limestone, salt, petroliculous limestone, reef development			
uOF	FOSTER BAY FORMATION: dolomite, reef development, petroliculous limestone			

OPEN FILE
 DOSSIER PUBLIC
3595
 GEOLOGICAL SURVEY OF CANADA
 COMMISSION GÉOLOGIQUE DU CANADA
 OTTAWA
 08/1998
 SHEET 1 OF 2
 FEUILLET 1 DE 2