

# Geology - Liard Basin

## Well penetrations and Drill Stem Test results of Middle Devonian carbonates

Geology Compilation: Warren Walsh  
Geology Compiled from Geological Survey of Canada

NTS 94N, 94O, 95B, 95C

Scale: 1:250 000

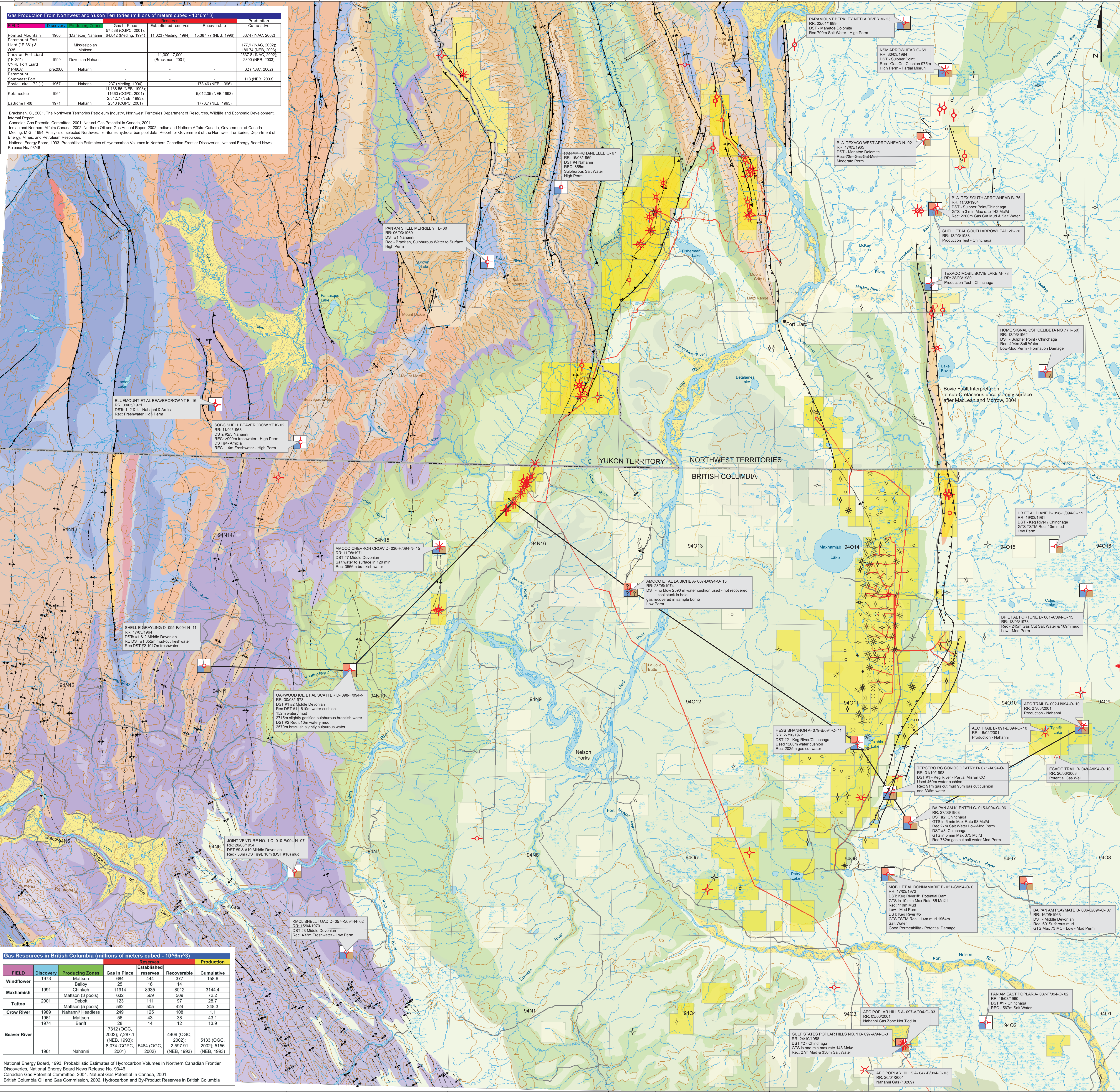
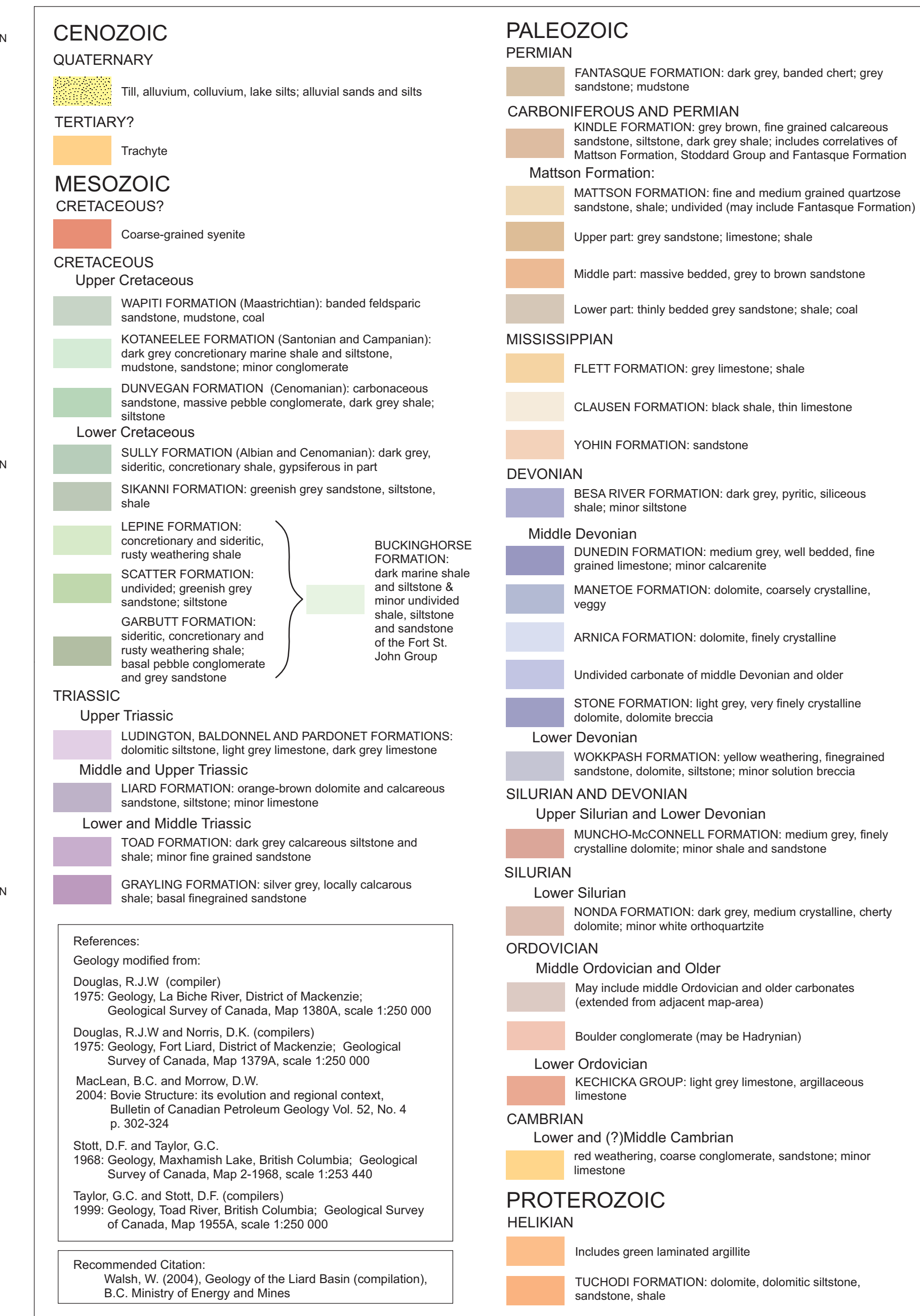
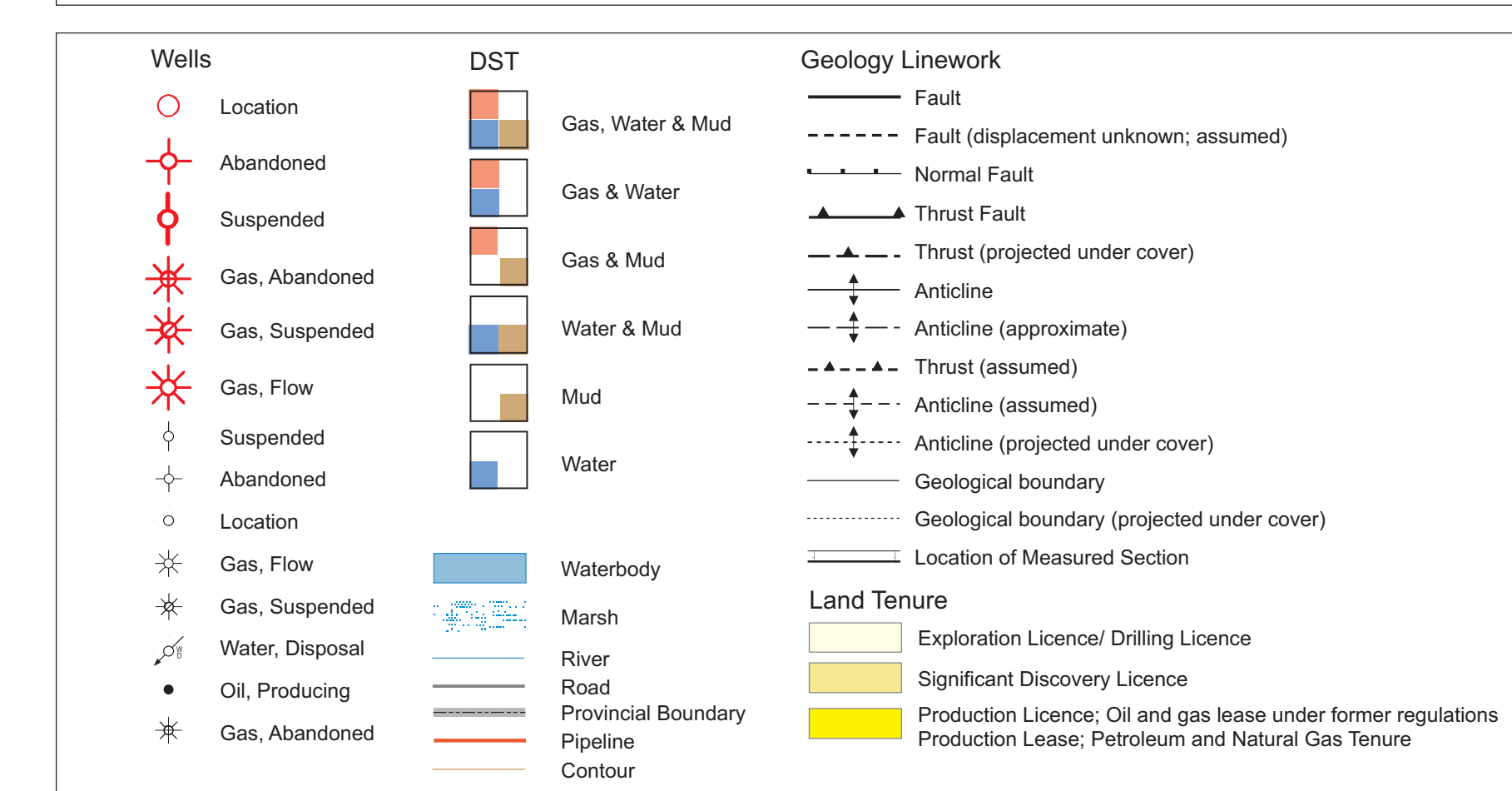
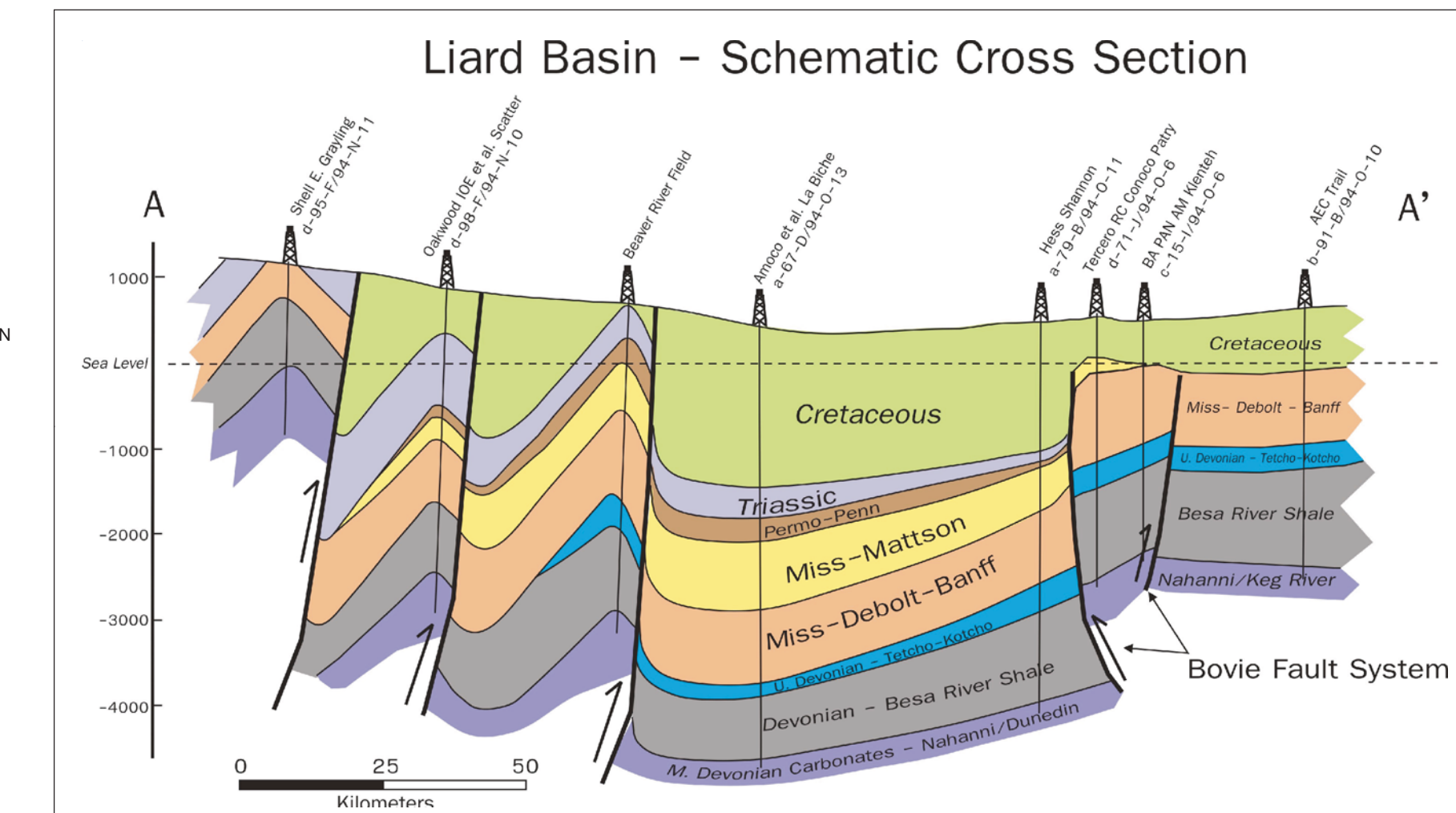
0 5 10 20 30 Kilometers

Universal Transverse Mercator (Zone 10N) Projection  
North American Datum 1927 (NAD 27)

Contour Interval 200 metres; Altitude in metres above mean sea level

Digital base maps from BC Ministry of Energy and Mines,  
BC Ministry of Sustainable Resource Management and National Topographic Database

GIS Cartography by E.A.M. Macdonald



**Gas Production From Northwest and Yukon Territories (millions of meters cubed - 10<sup>6</sup>m<sup>3</sup>)**

Field	Discovery	Producing Zones	Gas In Place	Established reserves	Recoverable	Production Cumulative
Printed Mountain	1998	(Manohet) Nahanni	57,538 (CCPC, 2001)	11,023 (Medlog, 1994)	15,387.77 (NEB, 1995)	8874 (INAC, 2002)
Paramount Fort	1998	Mississippi Nahanni	11,338.24 (NEB, 1995)	-	-	177.9 (INAC, 2002)
Chivon Fort Liard	1999	Devonian Nahanni	11,330.17 (2000)	-	-	186.74 (NEB, 2003)
Chivon Fort Liard	1999	Devonian Nahanni	11,330.17 (2000)	-	-	253.79 (INAC, 2002)
Chivon Fort Liard	1999	Devonian Nahanni	11,330.17 (2000)	-	-	2800 (NEB, 2003)
Chivon Fort Liard	1999	Devonian Nahanni	11,330.17 (2000)	-	-	62 (INAC, 2002)
Chivon Fort Liard	1999	Devonian Nahanni	11,330.17 (2000)	-	-	115 (NEB, 2003)
Bova Lake J-72 (1)	1967	Nahanni	237 (Medlog, 1994)	-	-	178.46 (NEB, 1996)
Kotanelee	1964	Nahanni	11,660 (CCPC, 2001)	-	-	5,012.35 (NEB, 1993)
LaBiche F-08	1971	Nahanni	2,342 (NEB, 1993)	-	-	1770.7 (NEB, 1993)

Brackman, C., 2001. The Northwest Territories Petroleum Industry, Northwest Territories Department of Resources, Wildlife and Economic Development, Internal Report.  
Canadian Gas Potential Committee, 2001. Natural Gas Potential in Canada, 2001.  
Indian and Northern Affairs Canada, 2002. Northern Oil and Gas Annual Report 2002, Indian and Northern Affairs Canada, Government of Canada.  
Medlog, M.C., 1994. Analysis of selected Northwest Territories hydrocarbon pool data. Report for Government of the Northwest Territories, Department of Energy, Mines, and Petroleum Resources.  
National Energy Board, 1993. Probabilistic Estimates of Hydrocarbon Volumes in Northern Canadian Frontier Discoveries. National Energy Board News Release No. 9346

**Gas Resources in British Columbia (millions of meters cubed - 10<sup>6</sup>m<sup>3</sup>)**

Field	Discovery	Producing Zones	Gas In Place	Established reserves	Recoverable	Production Cumulative
Windflower	1973	Mattson	684	444	377	158.6
Bellou	25	16	14	-	-	-
Mathanash	1991	Chincha	11914	8935	8072	3144.4
Tattoo	2001	Mattson (5 pools)	652	569	509	72.2
Crow River	1965	Nahanni/Headless	249	125	108	1.1
Beaver River	1974	Mattson	59	43	39	43.1
			28	14	12	13.9
		7312 (OGC, 2002); 7,287.1 (NEB, 1993); 8,074 (CCPC, 2001)		4409 (OGC, 2002); 2,597.91 (NEB, 1993)	5133 (OGC, 2002); 2,168 (NEB, 1993)	
			5454 (OGC, 2001)			

National Energy Board, 1993. Probabilistic Estimates of Hydrocarbon Volumes in Northern Canadian Frontier Discoveries. National Energy Board News Release No. 9346  
Canadian Gas Potential Committee, 2001. Natural Gas Potential in Canada, 2001.  
British Columbia Oil and Gas Commission, 2002. Hydrocarbon and By-Product Reserves in British Columbia