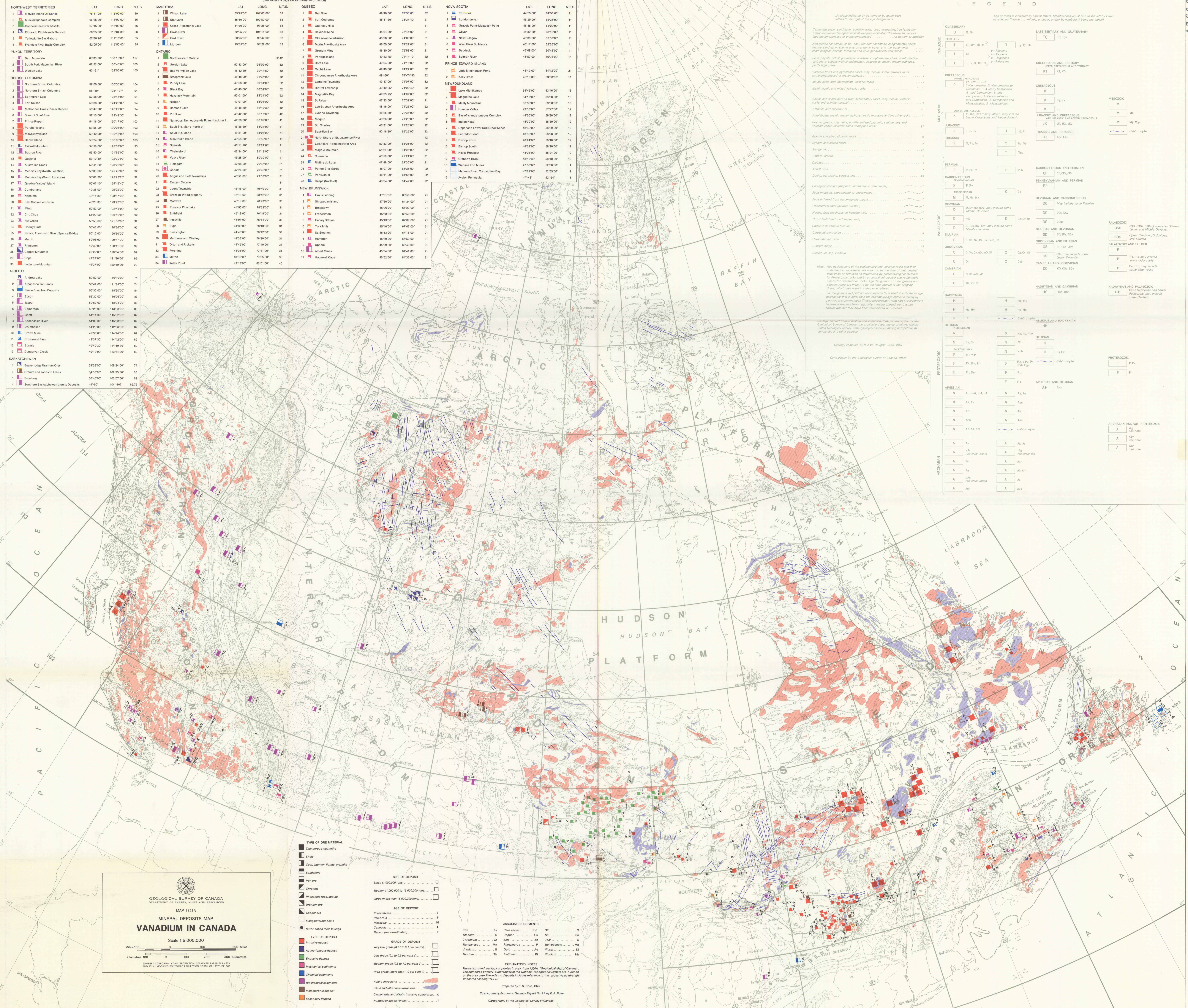


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NORTHWEST TERRITORIES			MANITOBA			ONTARIO			QUEBEC			NOVA SCOTIA		
No.	Name	Lat. Long.	No.	Name	Lat. Long.	No.	Name	Lat. Long.	No.	Name	Lat. Long.	No.	Name	Lat. Long.
1	Mukluks River Sands	67°15' N, 119°00' W	1	Wilson Lake	52°15' N, 101°00' W	1	Bell River	49°00' N, 77°30' W	1	Tatamouche	44°30' N, 64°30' W	1	Terrois	44°30' N, 64°30' W
2	Mukluks Igneous Complex	67°15' N, 119°00' W	2	St. Louis Lake	52°15' N, 101°00' W	2	Fort Coulonge	49°15' N, 76°45' W	2	Londonderry	45°20' N, 63°30' W	2	Londonderry	45°20' N, 63°30' W
3	Copper River	67°15' N, 119°00' W	3	Cross (Pisport) Lake	52°45' N, 97°00' W	3	Chapais	49°00' N, 74°15' W	3	Cross Point-Matagash Point	45°30' N, 63°30' W	3	Chapais	45°30' N, 63°30' W
4	Essex-Pike Lake Deposit	67°30' N, 118°00' W	4	Beaver Lake	52°50' N, 101°30' W	4	Haycock Mine	45°30' N, 75°00' W	4	Haycock	45°30' N, 75°00' W	4	Olivet	45°30' N, 62°30' W
5	Yukon-Charley River Complex	67°30' N, 114°15' W	5	Bird River	50°25' N, 99°45' W	5	Chicoutimi	45°30' N, 74°00' W	5	Chicoutimi	45°30' N, 74°00' W	5	New Glasgow	45°30' N, 62°30' W
6	Francoeur River Complex	67°30' N, 112°30' W	6	Morden	49°00' N, 98°30' W	6	Moir Anorthosite Area	46°30' N, 74°30' W	6	Moir Anorthosite Area	46°30' N, 74°30' W	6	West River St. Mary's	45°15' N, 62°30' W

YUKON TERRITORY			NEW BRUNSWICK		
No.	Name	Lat. Long.	No.	Name	Lat. Long.
1	Bain Mountain	68°30' N, 138°10' W	1	Cox's Landing	47°15' N, 69°15' W
2	South Fork Macmillan River	62°50' N, 130°40' W	2	Shipgon Island	47°30' N, 64°30' W
3	Wilson Lake	60°41' N, 129°00' W	3	Boisson	46°30' N, 69°30' W
4	Porter Lake	57°50' N, 125°45' W	4	Fraserburg	45°30' N, 69°30' W
5	McConnell Creek Placer Deposit	57°15' N, 129°30' W	5	Harvey Station	45°00' N, 67°30' W
6	Saward Creek	54°15' N, 131°15' W	6	York Mills	45°00' N, 67°00' W
7	Prince Rupert	54°15' N, 131°15' W	7	St. Stephen	44°40' N, 67°15' W
8	Purcher Island	53°55' N, 130°24' W	8	Hampton	43°30' N, 69°30' W
9	McQuay Island	53°40' N, 130°15' W	9	Alpham	42°30' N, 67°40' W
10	Yukon Mountain	51°45' N, 133°15' W	10	Hopewell Cape	42°30' N, 64°30' W
11	Swan River	52°20' N, 127°50' W	11	Chapais	49°00' N, 74°15' W
12	Sourton	52°20' N, 127°50' W	12	Moose Lake	49°00' N, 74°15' W
13	Australian Creek	52°14' N, 129°35' W	13	St. Lawrence	49°00' N, 74°15' W
14	Manitou Bay (North Location)	50°30' N, 129°30' W	14	North Shore of St. Lawrence	49°00' N, 74°15' W
15	Manitou Bay (South Location)	50°30' N, 129°30' W	15	Maggio Mountain	51°24' N, 64°00' W
16	Quincy Island	50°10' N, 129°15' W	16	Colborne	45°50' N, 71°15' W
17	Cumberland	49°30' N, 130°30' W	17	Labrador North	48°30' N, 58°30' W
18	Nanaimo	49°11' N, 129°37' W	18	Bishop North	48°30' N, 58°30' W
19	East Scotia Peninsula	48°30' N, 129°40' W	19	Bishop South	48°30' N, 58°30' W
20	Minto	50°30' N, 129°45' W	20	Hazelton	53°00' N, 59°30' W
21	Cox Creek	50°30' N, 129°45' W	21	Humber Valley	49°15' N, 97°15' W
22	Cherry Bluff	50°30' N, 129°45' W	22	Bay Islands Igneous Complex	48°50' N, 58°30' W
23	Nicole Thompson River, Spence Bridge	50°10' N, 130°30' W	23	Indian Head	48°30' N, 58°30' W
24	Mount	50°06' N, 130°47' W	24	Upper and Lower Drill Brook Mines	48°30' N, 58°30' W
25	Fransuwa	49°30' N, 130°41' W	25	Labrador South	48°30' N, 58°30' W
26	Copper Mountain	49°27' N, 130°34' W	26	Monkton	48°11' N, 64°30' W
27	Hope	49°27' N, 130°34' W	27	Wabana Mines	47°30' N, 52°30' W
28	Lakehurst Mountain	49°12' N, 130°30' W	28	Manuels River, Conception Bay	47°30' N, 52°30' W
			29	Avon Peninsula	47°48' N, 52°48' W

ALBERTA			SASKATCHEWAN		
No.	Name	Lat. Long.	No.	Name	Lat. Long.
1	Andrew Lake	59°50' N, 110°10' W	1	Beaveridge Uranium Ores	59°28' N, 108°24' W
2	Alphabeta Tar Sands	56°40' N, 111°24' W	2	Grains and Johnson Lakes	50°50' N, 109°20' W
3	Peace River Iron Deposits	56°30' N, 118°30' W	3	Estevan	50°50' N, 102°07' W
4	Tobacco	53°25' N, 110°20' W	4	Southern Saskatchewan Lignite Deposits	49°50' N, 104°10' W
5	Jasper	52°50' N, 113°04' W			
6	Edmonton	53°25' N, 113°28' W			
7	Swan	51°13' N, 115°20' W			
8	Kananaskis River	51°00' N, 115°00' W			
9	Drumheller	51°00' N, 115°00' W			
10	Crowfoot Mine	47°30' N, 114°44' W			
11	Crownest Pass	49°37' N, 114°42' W			
12	Burns	49°40' N, 114°19' W			
13	Dungeness Creek	49°12' N, 115°54' W			

## LEGEND

Age of rocks indicated by capital letters, modifications are shown to the left by lower case letters (lower = younger, upper = older). Numbers (if being the index) are shown to the right of the age designation.

QUATERNARY		LATE TERTIARY AND QUATERNARY	
T <sub>1</sub>	Q <sub>1</sub>	T <sub>10</sub>	To <sub>10</sub>
T <sub>2</sub>	Q <sub>2</sub>	T <sub>3</sub>	To <sub>3</sub>
T <sub>3</sub>	Q <sub>3</sub>	T <sub>4</sub>	To <sub>4</sub>
T <sub>4</sub>	Q <sub>4</sub>	T <sub>5</sub>	To <sub>5</sub>
T <sub>5</sub>	Q <sub>5</sub>	T <sub>6</sub>	To <sub>6</sub>
T <sub>6</sub>	Q <sub>6</sub>	T <sub>7</sub>	To <sub>7</sub>
T <sub>7</sub>	Q <sub>7</sub>	T <sub>8</sub>	To <sub>8</sub>
T <sub>8</sub>	Q <sub>8</sub>	T <sub>9</sub>	To <sub>9</sub>

Carboniferous, Devonian, Permian, Triassic, Jurassic, Cretaceous, Tertiary, Quaternary, Paleozoic, Mesozoic, Cenozoic, Proterozoic, Archean.

Geology compiled by R. J. W. Douglas, 1965, 1967  
Cartography by the Geological Survey of Canada, 1969

**GEOLOGICAL SURVEY OF CANADA**  
 DEPARTMENT OF ENERGY, MINES AND TECHNOLOGY  
**MAP 1321A**  
**MINERAL DEPOSITS MAP**  
**VANADIUM IN CANADA**  
 Scale 1:5,000,000

<b>TYPE OF ORE MATERIAL</b> • Magnetite • Shale • Coal, bitumen, lignite, graphite • Sandstone • Iron ore • Chromite • Phosphate rock, apatite • Platinum ore • Copper ore • Manganese shale • Silver-sulfate mine tailings	<b>SIZE OF DEPOSIT</b> Small (1,000,000 tons) Medium (1,000,000 to 15,000,000 tons) Large (more than 15,000,000 tons)	<b>AGE OF DEPOSIT</b> Precambrian P Paleozoic M Mesozoic E Cenozoic C Recent (unconsolidated) R	<b>GRADE OF DEPOSIT</b> Very low grade (0.21 to 0.1 per cent V) Low grade (0.1 to 0.5 per cent V) Medium grade (0.5 to 1.0 per cent V) High grade (more than 1.0 per cent V)	<b>ASSOCIATED ELEMENTS</b> Iron: Fe Titanium: Ti Chromium: Cr Manganese: Mn Uranium: U Thorium: Th Rare earths: RE Zirconium: Zr Phosphorus: P Gold: Au Nickel: Ni Silver: Ag Cobalt: Co Zinc: Zn Lead: Pb Molybdenum: Mo Arsenic: As Platinum: Pt Niobium: Nb
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**EXPLANATORY NOTES**  
 The background geology is printed in grey from 1:250,000 "Geological Map of Canada".  
 The north-south primary quadrangle grid of the National Topographic System are outlined on the grey base. The index to deposits includes reference to the respective quadrangle under the heading "UTM".  
 Prepared by E. R. Ross, 1970  
 To accompany Economic Geology Report No. 27 by E. R. Ross  
 Cartography by the Geological Survey of Canada