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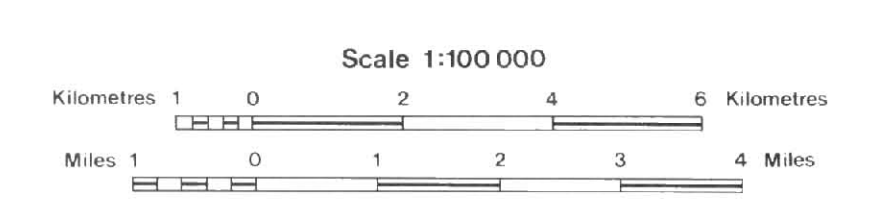
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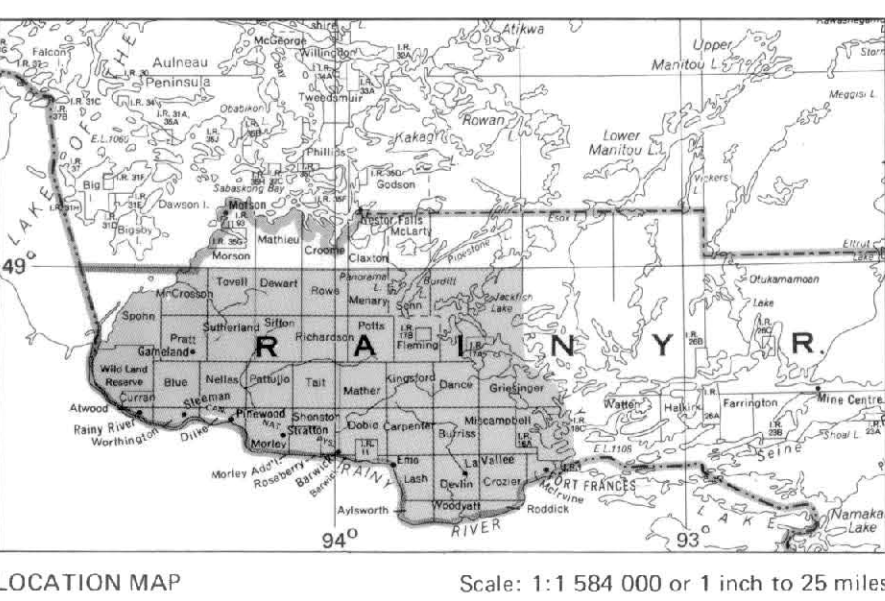


**Gold Grains in Rotasonic Drill Core and Surface Samples (1987-1988)**  
Fort Frances-Rainy River Area  
District of Rainy River



NTS Reference: 52 0/9, 10, 15, 16; 52 0/11, 12, 13, 14  
GOM-Geometric Reference: 1875, 11752  
OGM Geological Compilation Map: 2443

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- LEGEND**
- F-87-27 Rotasonic drill hole locations (1987-1988)
  - ▲ FBH-24 Surface test pit locations (1987-1988) (including hand dug test pits and backhoe trenches)
  - Fault zone

**SOURCES OF INFORMATION**

Base maps from Maps 52C/2W and 52D/2E of the National Topographic Series.

Metric conversion factor: 1 foot = 0.3048 m

**CREDITS**

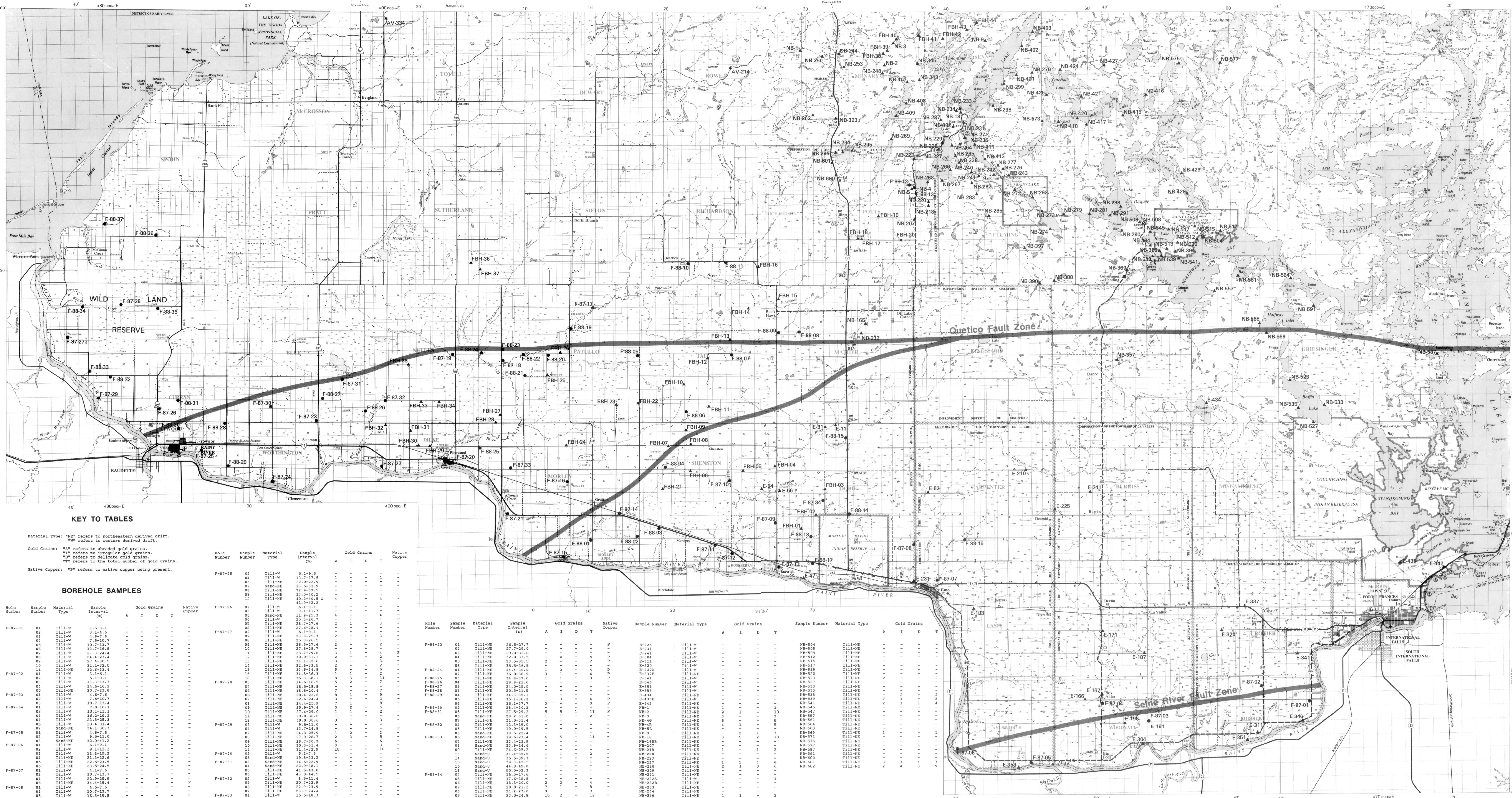
Geology by A.F. Bejn, 1987 and 1988.  
Data compiled by A.F. Bejn. Drafting and layout by B. Albin.

Every possible effort has been made to ensure the accuracy of the information presented on this map; however, the Ontario Ministry of Northern Development and Mines does not assume any liability for errors that may occur. Users may wish to verify critical information.

This project is part of the five year Canada/Ontario 1985 Minerals Development Agreement (COMDA) a subsidiary agreement to the Minerals Development Agreement (MDA) signed by the governments of Canada and Ontario. Issued 1988.

Information from this publication may be quoted if credit is given. It is recommended that reference to this map be made in the following form:

Bejn, A.F. 1988. Gold Grains in Rotasonic Drill Core and Surface Samples (1987-1988) Fort Frances-Rainy River Area, District of Rainy River. Ontario Geological Survey Map P.3140, Geological Series - Preliminary Map, scale 1:100,000. Geology 1987, 1988.



**KEY TO TABLES**

Material Type: "NE" refers to northeastern derived drift.  
"W" refers to western derived drift.  
Gold Grains: "A\*" refers to abundant gold grains.  
"I\*" refers to irregular gold grains.  
"D\*" refers to delicate gold grains.  
"T\*" refers to the total number of gold grains.  
Native copper: "P" refers to native copper being present.

**BOREHOLE SAMPLES**

Hole Number	Sample Number	Material Type	Sample Interval (m)	Gold Grains	Native Copper
F-87-25	02	Till-W	6.1-9.6		
	04	Till-W	13.7-17.5		
	06	Till-W	20.2-22.9		
	07	Sand-NE	23.3-32.9		
	08	Till-W	32.9-35.2		
	09	Till-W	40.2-40.4		
	12	Sand-NE	40.2-40.4		
F-87-26	02	Till-W	6.1-9.6		
	04	Till-W	11.5-25.3		
	05	Till-W	26.7-27.6		
	07	Till-W	27.6-28.7		
	08	Till-W	28.7-29.8		
	09	Till-W	29.8-30.9		
	10	Till-W	30.9-32.0		
	11	Till-W	32.0-33.1		
	12	Sand-NE	33.1-34.2		
	13	Till-W	34.2-35.3		
	14	Till-W	35.3-36.4		
	15	Till-W	36.4-37.5		
	16	Till-W	37.5-38.6		
	17	Till-W	38.6-39.7		
	18	Till-W	39.7-40.8		
	19	Till-W	40.8-41.9		
	20	Till-W	41.9-43.0		
	21	Till-W	43.0-44.1		
	22	Till-W	44.1-45.2		
	23	Till-W	45.2-46.3		
	24	Till-W	46.3-47.4		
	25	Till-W	47.4-48.5		
	26	Till-W	48.5-49.6		
	27	Till-W	49.6-50.7		
	28	Till-W	50.7-51.8		
	29	Till-W	51.8-52.9		
	30	Till-W	52.9-54.0		
	31	Till-W	54.0-55.1		
	32	Till-W	55.1-56.2		
	33	Till-W	56.2-57.3		
	34	Till-W	57.3-58.4		
	35	Till-W	58.4-59.5		
	36	Till-W	59.5-60.6		
	37	Till-W	60.6-61.7		
	38	Till-W	61.7-62.8		
	39	Till-W	62.8-63.9		
	40	Till-W	63.9-65.0		
	41	Till-W	65.0-66.1		
	42	Till-W	66.1-67.2		
	43	Till-W	67.2-68.3		
	44	Till-W	68.3-69.4		
	45	Till-W	69.4-70.5		
	46	Till-W	70.5-71.6		
	47	Till-W	71.6-72.7		
	48	Till-W	72.7-73.8		
	49	Till-W	73.8-74.9		
	50	Till-W	74.9-76.0		
	51	Till-W	76.0-77.1		
	52	Till-W	77.1-78.2		
	53	Till-W	78.2-79.3		
	54	Till-W	79.3-80.4		
	55	Till-W	80.4-81.5		
	56	Till-W	81.5-82.6		
	57	Till-W	82.6-83.7		
	58	Till-W	83.7-84.8		
	59	Till-W	84.8-85.9		
	60	Till-W	85.9-87.0		
	61	Till-W	87.0-88.1		
	62	Till-W	88.1-89.2		
	63	Till-W	89.2-90.3		
	64	Till-W	90.3-91.4		
	65	Till-W	91.4-92.5		
	66	Till-W	92.5-93.6		
	67	Till-W	93.6-94.7		
	68	Till-W	94.7-95.8		
	69	Till-W	95.8-96.9		
	70	Till-W	96.9-98.0		
	71	Till-W	98.0-99.1		
	72	Till-W	99.1-100.2		
	73	Till-W	100.2-101.3		
	74	Till-W	101.3-102.4		
	75	Till-W	102.4-103.5		
	76	Till-W	103.5-104.6		
	77	Till-W	104.6-105.7		
	78	Till-W	105.7-106.8		
	79	Till-W	106.8-107.9		
	80	Till-W	107.9-109.0		
	81	Till-W	109.0-110.1		
	82	Till-W	110.1-111.2		
	83	Till-W	111.2-112.3		
	84	Till-W	112.3-113.4		
	85	Till-W	113.4-114.5		
	86	Till-W	114.5-115.6		
	87	Till-W	115.6-116.7		
	88	Till-W	116.7-117.8		
	89	Till-W	117.8-118.9		
	90	Till-W	118.9-120.0		
	91	Till-W	120.0-121.1		
	92	Till-W	121.1-122.2		
	93	Till-W	122.2-123.3		
	94	Till-W	123.3-124.4		
	95	Till-W	124.4-125.5		
	96	Till-W	125.5-126.6		
	97	Till-W	126.6-127.7		
	98	Till-W	127.7-128.8		
	99	Till-W	128.8-129.9		
	100	Till-W	129.9-131.0		
	101	Till-W	131.0-132.1		
	102	Till-W	132.1-133.2		
	103	Till-W	133.2-134.3		
	104	Till-W	134.3-135.4		
	105	Till-W	135.4-136.5		
	106	Till-W	136.5-137.6		
	107	Till-W	137.6-138.7		
	108	Till-W	138.7-139.8		
	109	Till-W	139.8-140.9		
	110	Till-W	140.9-142.0		
	111	Till-W	142.0-143.1		
	112	Till-W	143.1-144.2		
	113	Till-W	144.2-145.3		
	114	Till-W	145.3-146.4		
	115	Till-W	146.4-147.5		
	116	Till-W	147.5-148.6		
	117	Till-W	148.6-149.7		
	118	Till-W	149.7-150.8		
	119	Till-W	150.8-151.9		
	120	Till-W	151.9-153.0		

**BACKHOE TRENCH SAMPLES**

Sample Number	Material Type	Gold Grains
F-87-27	Till-W	
F-87-28	Till-W	
F-87-29	Till-W	
F-87-30	Till-W	
F-87-31	Till-W	
F-87-32	Till-W	
F-87-33	Till-W	
F-87-34	Till-W	
F-87-35	Till-W	
F-87-36	Till-W	
F-87-37	Till-W	
F-87-38	Till-W	
F-87-39	Till-W	
F-87-40	Till-W	
F-87-41	Till-W	
F-87-42	Till-W	
F-87-43	Till-W	
F-87-44	Till-W	
F-87-45	Till-W	
F-87-46	Till-W	
F-87-47	Till-W	
F-87-48	Till-W	
F-87-49	Till-W	
F-87-50	Till-W	
F-87-51	Till-W	
F-87-52	Till-W	
F-87-53	Till-W	
F-87-54	Till-W	
F-87-55	Till-W	
F-87-56	Till-W	
F-87-57	Till-W	
F-87-58	Till-W	
F-87-59	Till-W	
F-87-60	Till-W	
F-87-61	Till-W	
F-87-62	Till-W	
F-87-63	Till-W	
F-87-64	Till-W	
F-87-65	Till-W	
F-87-66	Till-W	
F-87-67	Till-W	
F-87-68	Till-W	
F-87-69	Till-W	
F-87-70	Till-W	
F-87-71	Till-W	
F-87-72	Till-W	
F-87-73	Till-W	
F-87-74	Till-W	
F-87-75	Till-W	
F-87-76	Till-W	
F-87-77	Till-W	
F-87-78	Till-W	
F-87-79	Till-W	
F-87-80	Till-W	
F-87-81	Till-W	
F-87-82	Till-W	
F-87-83	Till-W	
F-87-84	Till-W	
F-87-85	Till-W	
F-87-86	Till-W	
F-87-87	Till-W	
F-87-88	Till-W	
F-87-89	Till-W	
F-87-90	Till-W	
F-87-91	Till-W	
F-87-92	Till-W	
F-87-93	Till-W	
F-87-94	Till-W	
F-87-95	Till-W	
F-87-96	Till-W	
F-87-97	Till-W	
F-87-98	Till-W	
F-87-99	Till-W	
F-87-100	Till-W	

**SURFACE TEST PIT SAMPLES**

Sample Number	Material Type	Gold Grains
F-87-27	Till-W	
F-87-28	Till-W	
F-87-29	Till-W	
F-87-30	Till-W	
F-87-31	Till-W	
F-87-32	Till-W	
F-87-33	Till-W	
F-87-34	Till-W	
F-87-35	Till-W	
F-87-36	Till-W	
F-87-37	Till-W	
F-87-38	Till-W	
F-87-39	Till-W	
F-87-40	Till-W	
F-87-41	Till-W	
F-87-42	Till-W	
F-87-43	Till-W	
F-87-44	Till-W	
F-87-45	Till-W	
F-87-46	Till-W	
F-87-47	Till-W	
F-87-48	Till-W	
F-87-49	Till-W	
F-87-50	Till-W	
F-87-51	Till-W	
F-87-52	Till-W	
F-87-53	Till-W	
F-87-54	Till-W	
F-87-55	Till-W	
F-87-56	Till-W	
F-87-57	Till-W	
F-87-58	Till-W	
F-87-59	Till-W	
F-87-60	Till-W	
F-87-61	Till-W	
F-87-62	Till-W	
F-87-63	Till-W	
F-87-64	Till-W	
F-87-65	Till-W	
F-87-66	Till-W	
F-87-67	Till-W	
F-87-68	Till-W	
F-87-69	Till-W	
F-87-70	Till-W	
F-87-71	Till-W	
F-87-72	Till-W	
F-87-73	Till-W	
F-87-74	Till-W	
F-87-75		