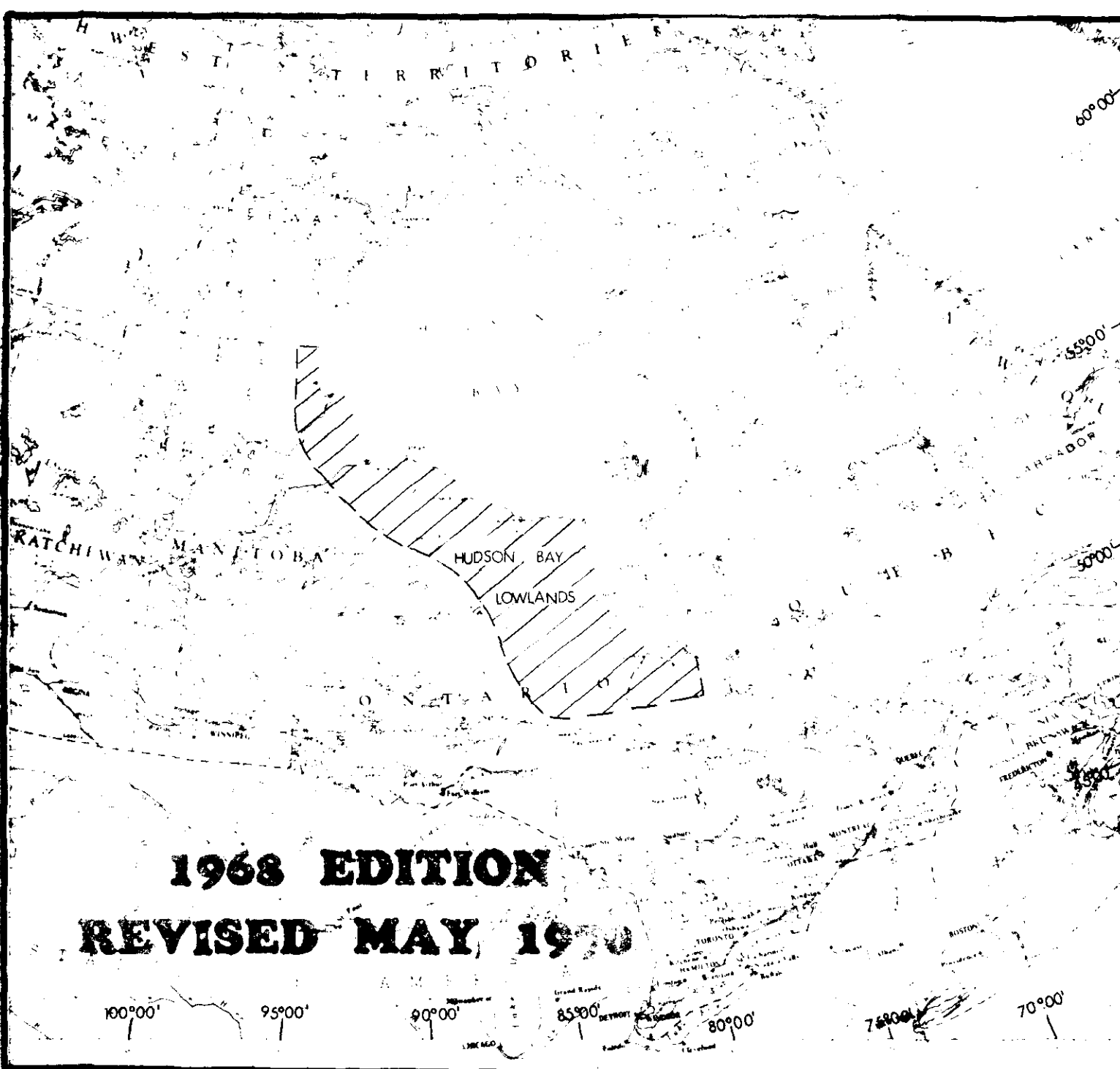
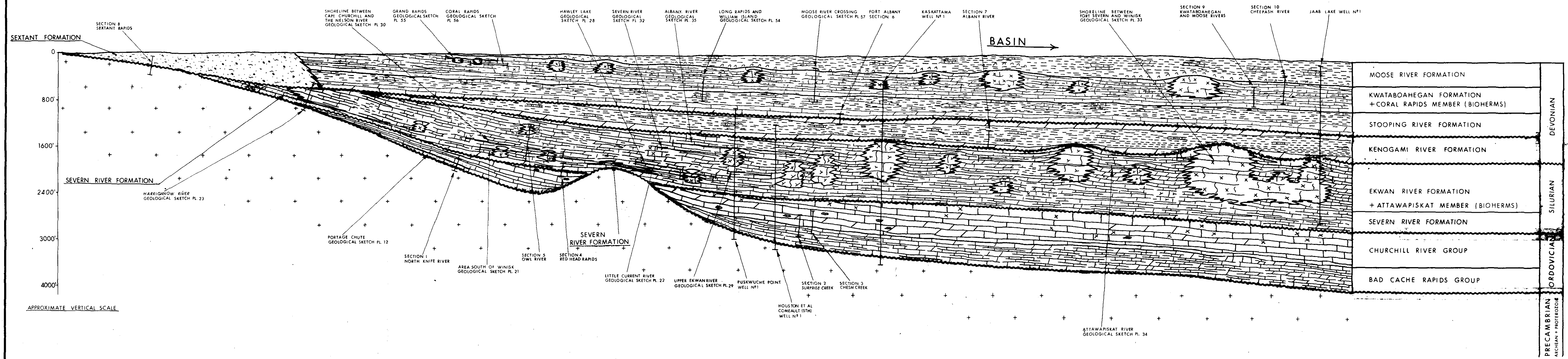


**AQUITAINE COMPANY OF CANADA LTD.** FIELD REPORT **PL 7**  
**GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY**  
 STRATIGRAPHIC POSITION: AREA HUDSON BAY LOWLANDS, PROVINCES MANITOBA, ONTARIO & QUEBEC  
 OF AQUITAINE FIELD SECTIONS AND OF THE PRINCIPAL DRY HOLES IN THE HUDSON BAY LOWLANDS  
 DATE: JULY 10<sup>th</sup> to 31<sup>st</sup> 1968, GEOLOGIST: S. RUEFF - P. PARTRU  
 SCALES: LOCATION MAP 1"=250 miles or 1:15,840,000; HORIZONTAL: NO SCALE; SKETCH: VERTICAL 1"=800' or 1:10,000 APPROX.

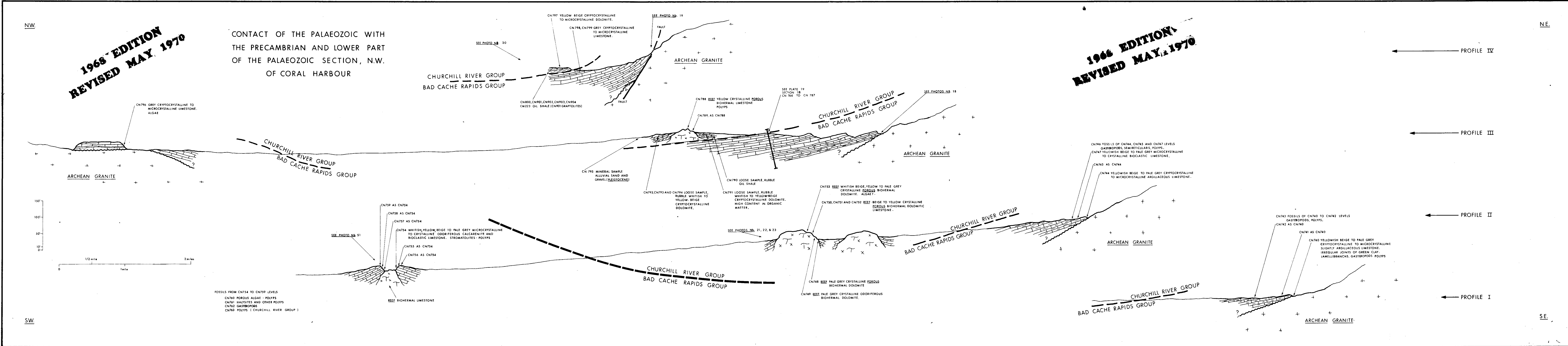
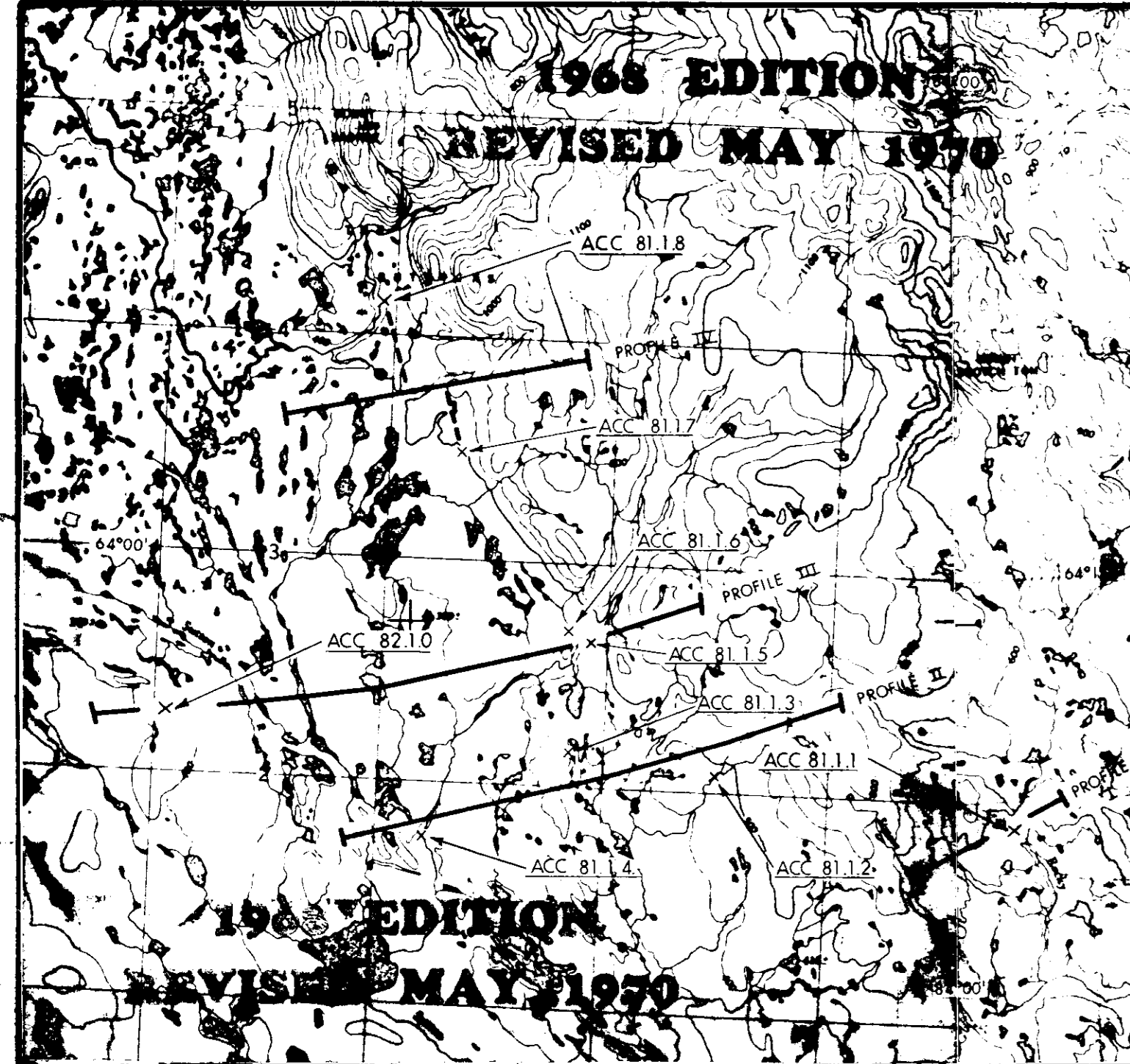


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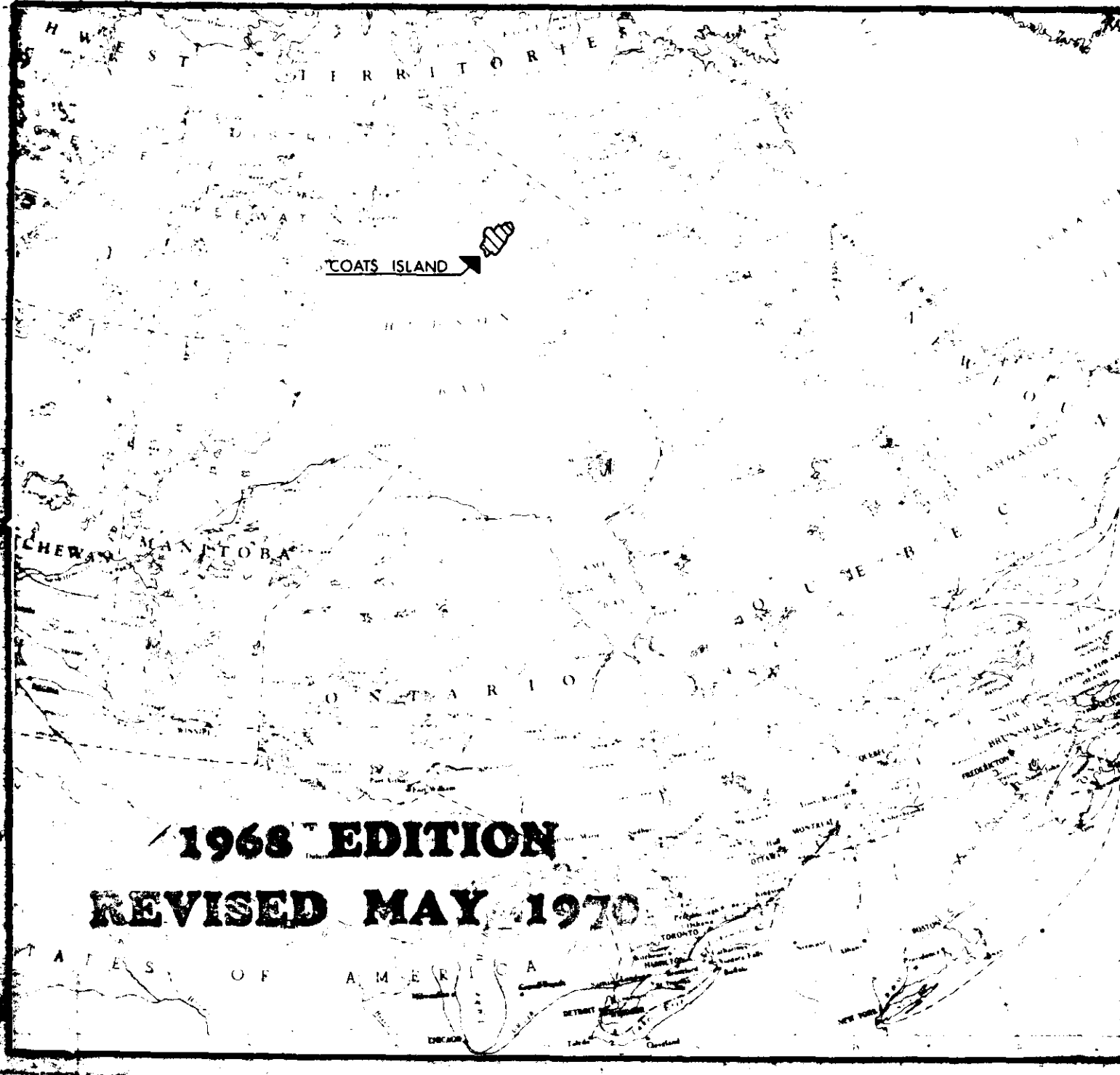


- AAAAA GYPSUM
- CHERT
- DOLOMITE
- LIMESTONE
- CLAY, MARL & SHALE
- SANDSTONE
- SAND & ARKOSE
- CONGLOMERATE & BRECCIA
- PRECAMBRIAN ROCKS (GRANITE, INTRUSIVE, METAMORPHIC, METASEDIMENTARY AND SEDIMENTARY)
- BIOHERMAL LIMESTONE
- BIOTROMAL LIMESTONE
- CROSS-BEDDING

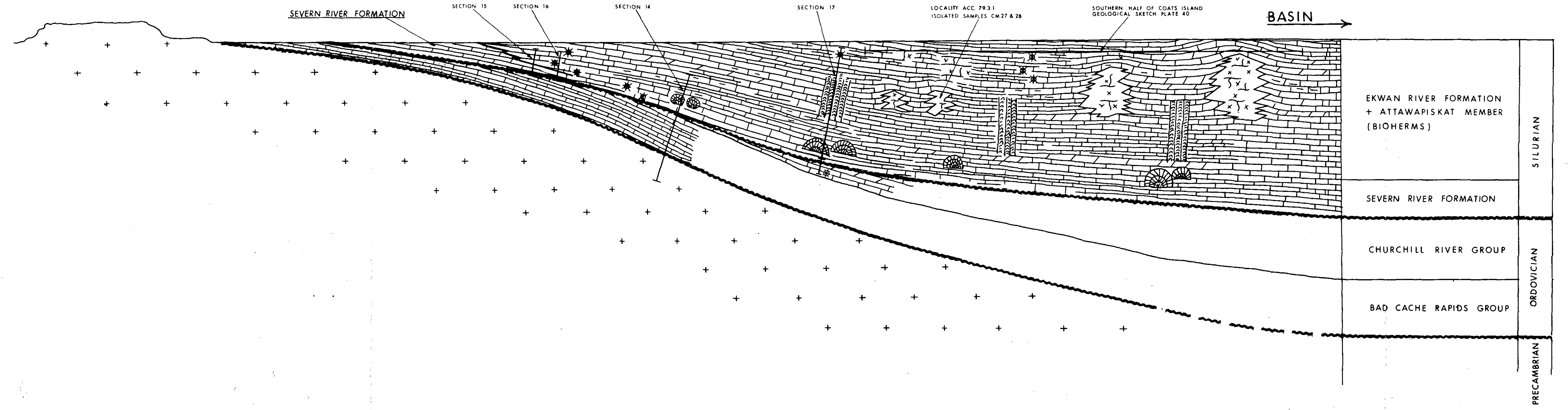
<b>AQUITAINE COMPANY</b> OF CANADA LTD.		FIELD REPORT <b>PL 18</b>	
GEOLOGICAL SKETCH		GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY	
		AREA SOUTHAMPTON ISLAND	PROVINCE N.W. TERRITORIES DISTRICT OF KEEWATIN
DATE AUGUST 28, 1968		GEOLOGISTS S. RUEFF - P. ARTRU	
LOWER PART OF THE PALAEOZOIC SECTION ACC. 81.1 TO 81.1.8 AND 82.1.0 N.W. OF CORAL HARBOUR, SOUTHAMPTON ISLAND		LOCATION MAP 1" = 4 mi. or 1:250,000 Horizontal: 2" = 1 mi. or 1:32,000 SECTION Vertical: 1" = 100' or 1:1200	






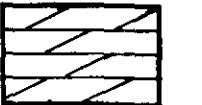


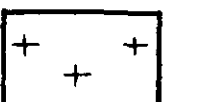

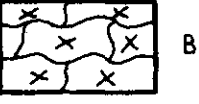
<b>AQUITAINE COMPANY</b> <b>OF CANADA LTD.</b>	FIELD REPORT	PL 9
	<b>GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY</b>	
<b>STRATIGRAPHIC POSITION</b> <b>OF AQUITAINE FIELD SECTIONS ON COATS ISLAND</b>	AREA	PROVINCE
	COATS ISLAND	NW TERRITORIES DISTRICT OF KEEWATIN
	DATE	GEOLOGIST
	AUG. 29th to 31st 1968	S. RUEFF - P. ARTRU
	LOCATION MAP 1" = 250 miles or 1:15,840,000	
	SCALES	SKETCH NOT DRAWN TO SCALE




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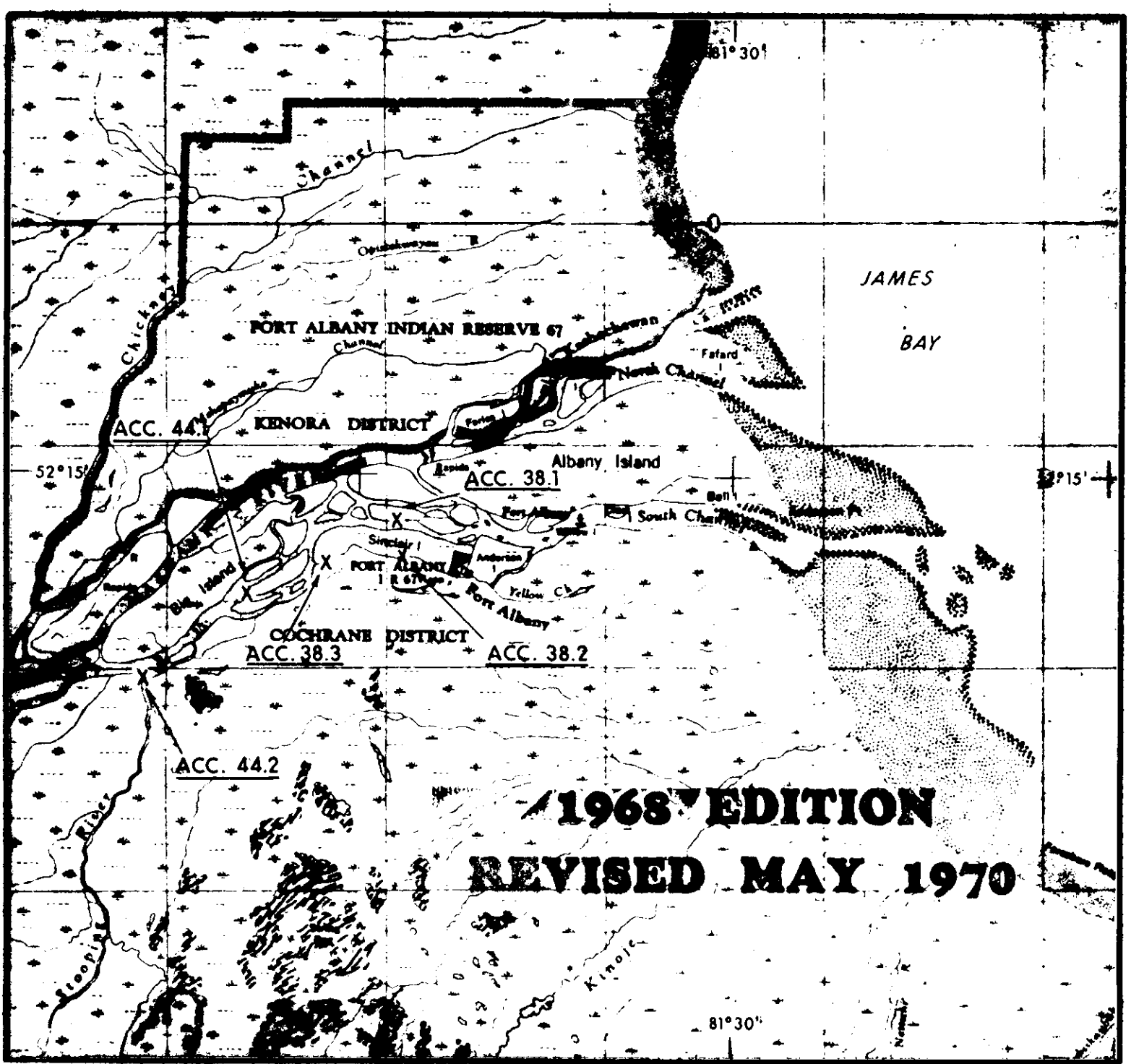


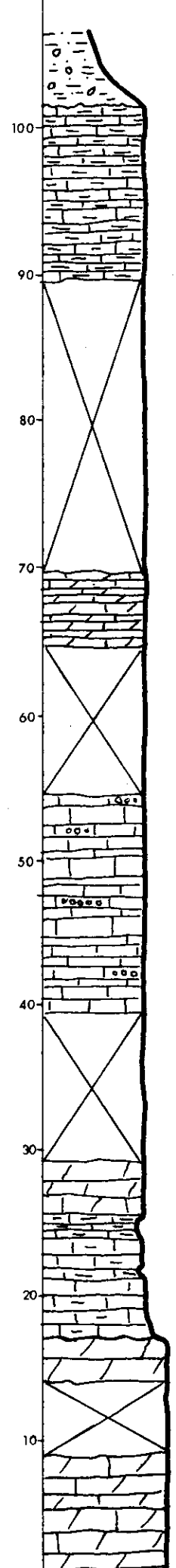
**LITHOLOGICAL LEGEND**

-  COLUMNAL CORALS (VERTICAL SHAPE)
-  COLUMNAL CORALS (SPHERICAL SHAPE)
-  LARGE OCCURRENCE OF CORALS AND POLYPS
-  DOLOMITE
-  LIMESTONE
-  SANDY LIMESTONE
-  PRECAMBRIAN ROCKS
-  BIOHERMAL LIMESTONE
-  BIOSTROMAL LIMESTONE


SILURIAN  
 ORDOVICIAN  
 PRECAMBRIAN

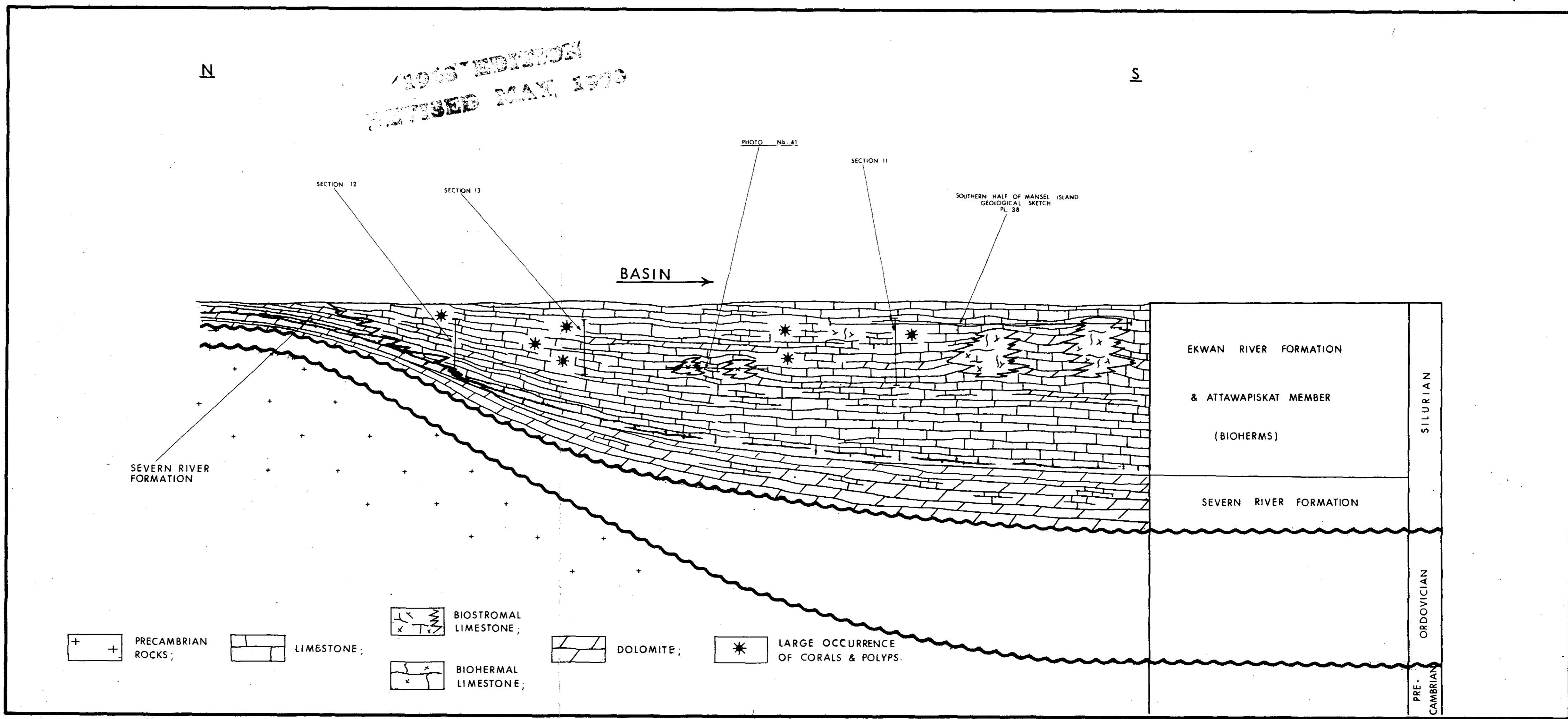
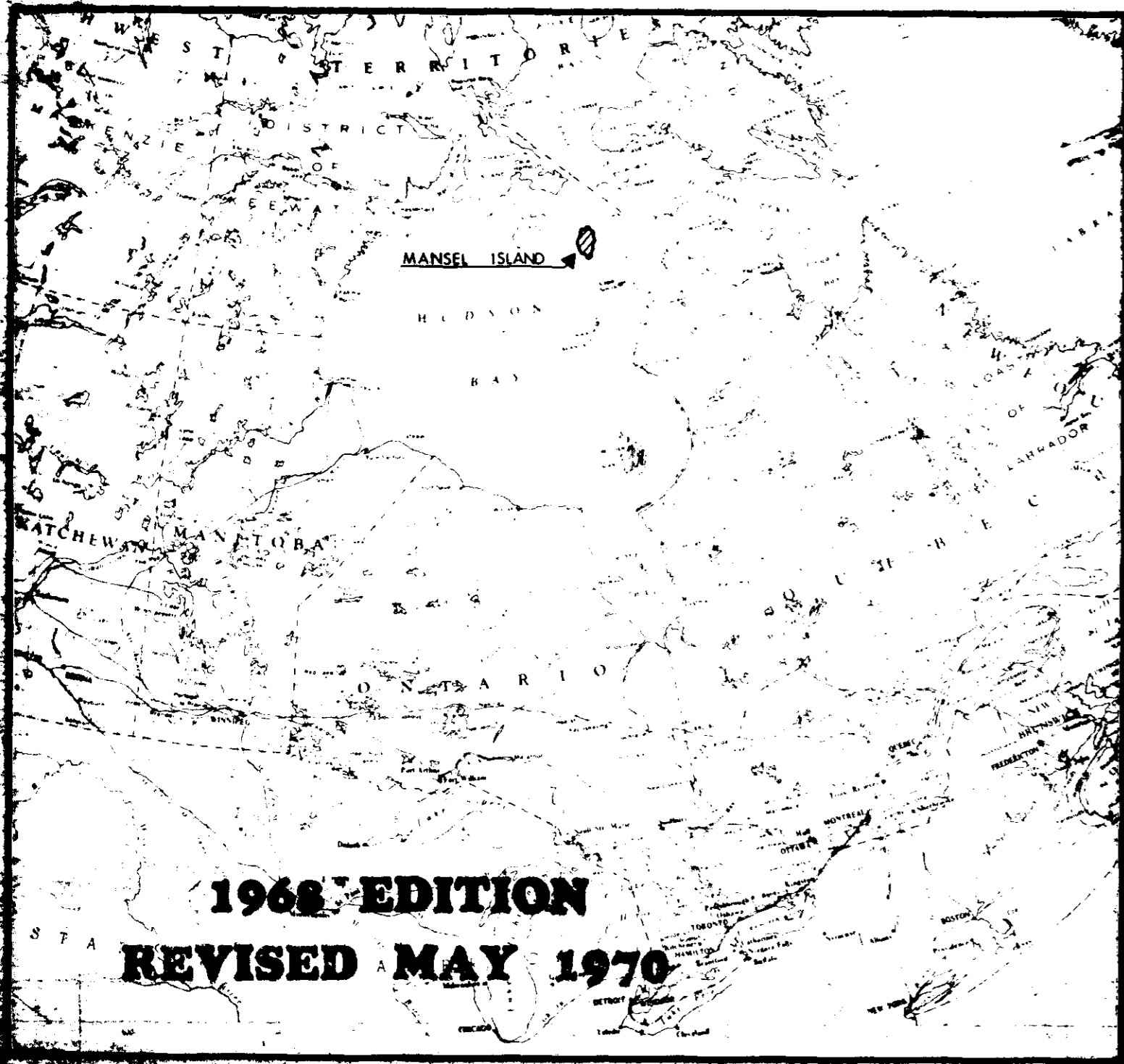
<b>AQUITAINE COMPANY</b>  <b>OF CANADA LTD.</b>	FIELD REPORT		PL 52		
	<b>GENERAL GEOLOGICAL          RECONNAISSANCE OF          HUDSON BAY</b>				
<b>STRATIGRAPHIC          SECTION</b>	AREA	FORT	ALBANY	PROVINCE	ONTARIO
	DATE	JULY	21	1968	GEOLOGISTS
SECTION 6 ACC 38.1, 38.2, 38.3, 44.1, AND 44.2. ALBANY RIVER	SCALES	LOCATION MAP   : 250,000 SECTION  " = 10' or   : 120			




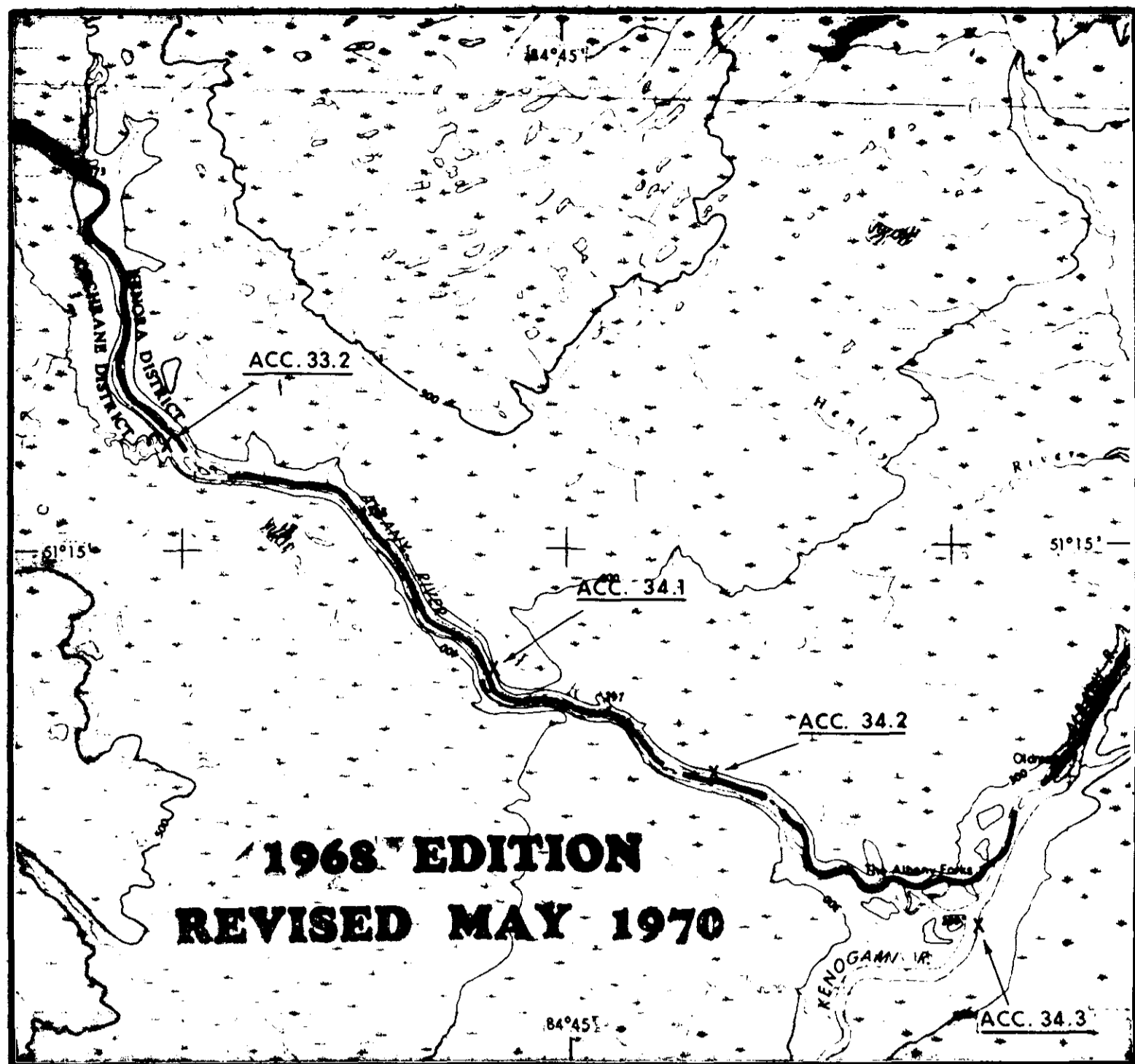
PERIOD	FORMATION	MEMBER	FOOTAGE	LOG	POROSITY	LITOLOGICAL SAMPLE	FOSSIL SAMPLE	DESCRIPTION	MACROFAUNA		
PLEISTOCENE								DRIFT	BRACHIOPODS CORALS POLYPS		
								CN234-CN235		WHITISH BEIGE TO GREY CRYSTOCRYSTALLINE TO MICRO-CRYSTALLINE ARGILLACEOUS LIMESTONE. OCCURRENCE OF ORGANIC MATTER.	
MIDDLE DEVONIAN	RIVER FORMATION	STOOPING						CN233	WHITISH TO GREY CRYSTOCRYSTALLINE TO MICROCRYSTALLINE SLIGHTLY ARGILLACEOUS LIMESTONE. OCCURRENCE OF ORGANIC MATTER	BRACHIOPODS CORALS POLYPS	
								OVERBURDEN			
								CN232	ALTERNATING WHITISH BEIGE AND REDDISH ORANGE MICROCRYSTALLINE TO CRYSTALLINE FLAGGY DOLOMITIC LIMESTONE.		
								OVERBURDEN			
								CN220			
								CN222	BEIGE BROWN TO GREY BROWN MICROCRYSTALLINE TO CRYSTALLINE FLAGGY TO MASSIVE CALCARENITE SOME BEDS OF CALCAREOUS MICROCONGLOMERATE.		BRACHIOPODS CORALS POLYPS
								CN219			
								CN221			
								CN218			
								OVERBURDEN			
CN231											
CN230	REDDISH FLAGGY DOLOMITE. HIGH CONTENT IN ORGANIC MATTER	POLYPS									
CN229											
CN228	YELLOW TO GREY CALCAREOUS DOLOMITE. MILLIMETRIC LAMINATIONS										
CN227	GREY ARGILLACEOUS LIMESTONE. HIGH CONTENT IN ORGANIC MATTER. WHITISH TO RUST NODULAR ARGILLACEOUS LIMESTONE. CN 227 AS CN 228 AND CN 229										
CN226											
CN225	WHITISH TO RUST NODULAR SLIGHTLY ARGILLACEOUS TO ARGILLACEOUS LIMESTONE.										
CN224											
CN223	YELLOW TO GREY CRYSTOCRYSTALLINE TO MICROCRYSTALLINE DOLOMITE. MILLIMETRIC ORANGE TO RUST LAMINATIONS.										
OVERBURDEN											
CN217											
CN216											
CN215	WHITISH TO BEIGE CRYSTOCRYSTALLINE TO MICROCRYSTALLINE CALCAREOUS DOLOMITE MILLIMETRIC FERRUGINOUS LAMINATIONS										

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<b>AQUITAINE COMPANY</b>  <b>OF CANADA LTD.</b>	FIELD REPORT <b>PL 8</b>	
	<b>GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY</b>	
<b>STRATIGRAPHIC POSITION OF AQUITAINE FIELD SECTIONS ON MANSEL ISLAND</b>	AREA <b>MANSEL ISLAND</b>	PROVINCE <b>NW TERRITORIES DISTRICT OF KEEWATIN</b>
	DATE <b>AUG. 14th &amp; 15th 1968</b>	GEOLOGISTS <b>S. RUEFF - P. ARTRU</b>
	LOCATION MAP 1" = 250 miles or 1:15,840,000 SCALES SKETCH: NOT DRAWN TO SCALE	



<b>AQUITAINE COMPANY</b>  <b>OF CANADA LTD.</b>	FIELD REPORT <span style="float: right;">PL 51</span>	
	<b>GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY</b>	
<b>STRATIGRAPHIC SECTION</b>	AREA <b>THE ALBANY FORKS</b>	PROVINCE <b>ONTARIO</b>
	DATE <b>JULY 23 &amp; 24 1968</b>	GEOLOGISTS <b>S. RUEFF — P. ARTRU</b>
SECTION 7. ACC 33.2, 34.1, 34.2 AND 34.3 ALBANY RIVER	LOCATION MAP 1 : 250,000 SCALES SECTION 1" = 10' or 1" = 120	



PERIOD	FORMATION MEMBER	FOOTAGE	LOG	POROSITY	LITOLOGICAL SAMPLE	FOSSIL SAMPLE	DESCRIPTION	MACROFAUNA
PLEISTOCENE		500			CN241		DRIFT	
					CN242		GREY PLASTIC CLAY (POLLUTED SAMPLE)	
					CN243		RED PLASTIC CLAY (POLLUTED SAMPLE)	
							YELLOWISH BEIGE MICROCRYSTALLINE TO CRY- STALLINE DOLOMITIC LIMESTONE GREY TO ORANGE PATINA.	
							OVERBURDEN	
DEVONIAN	MIDDLE RIVER MIDDLE MEMBER	380			CN259		RED AND GREEN CALCAREOUS SHALE.	
		360			CN258		YELLOWISH TO GREY CRYPTOCRYSTALLINE TO MICROCRYSTALLINE ARGILLACEOUS LIMESTONE.	
		340						
		320						
		300						
		280						
		260						
		240						
		220						
		200						
DEVONIAN	MIDDLE RIVER LOWER MEMBER	180			CN255		RED AND GREEN SHALE	
		160			CN254		RED AND GREEN SHALE	
		140						
		120						
		100						
		80						
		60						
		40						
		20						
		0						

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**STRATIGRAPHIC  
SECTION**

AREA COATS ISLAND

PROVINCE  
NW TERRITORIES  
DISTRICT OF KEEWATIN

DATE AUGUST, 29 1968

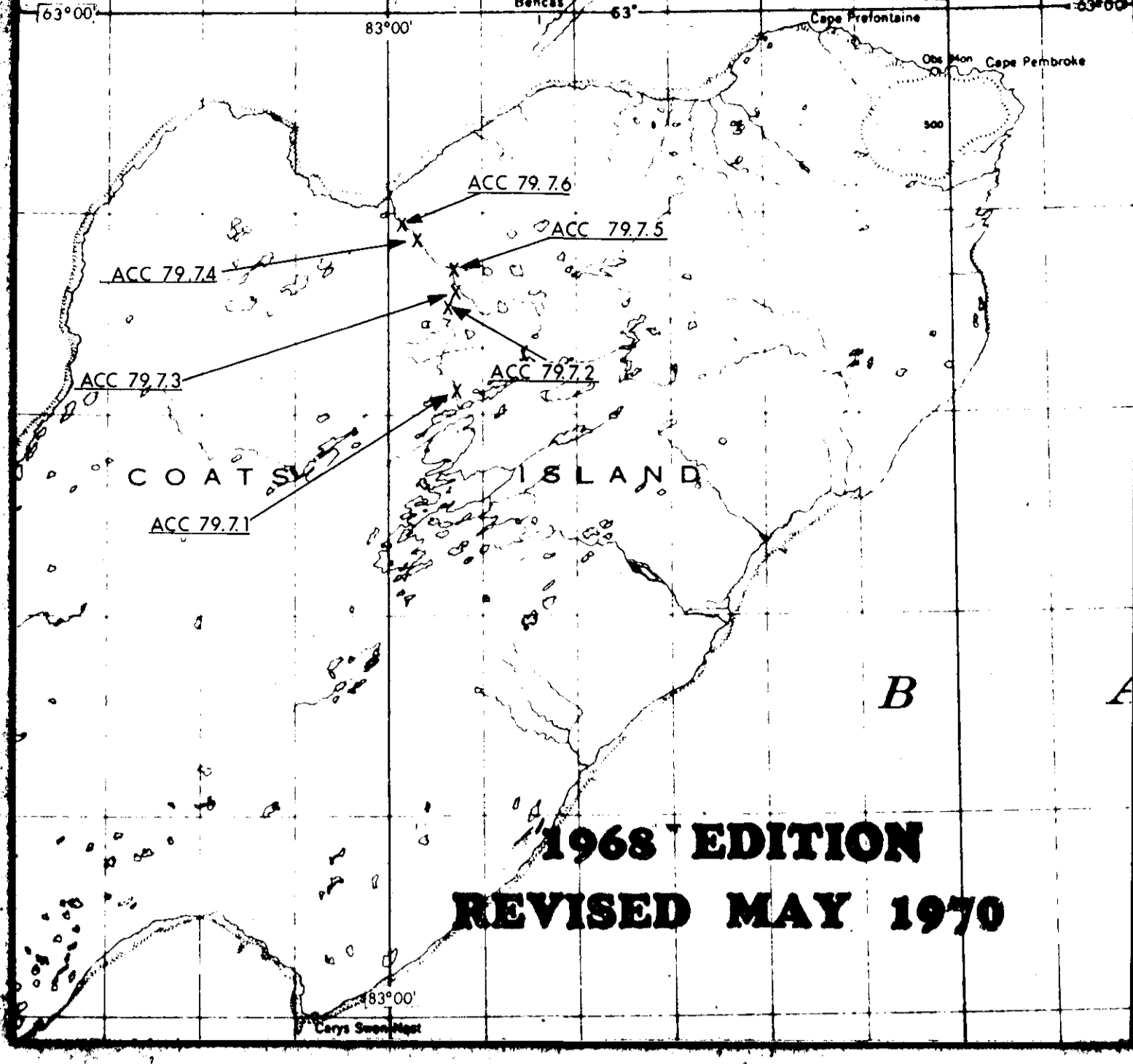
GEOLOGIST  
S. RUEFF - P. ARTRU

SECTION 17

LOCATION MAP 1" = 8 mls or 1:500,000

ACC. 79.7.1 to 79.7.6 COATS ISLAND


SCALE SECTION 1" = 10' or 1:120

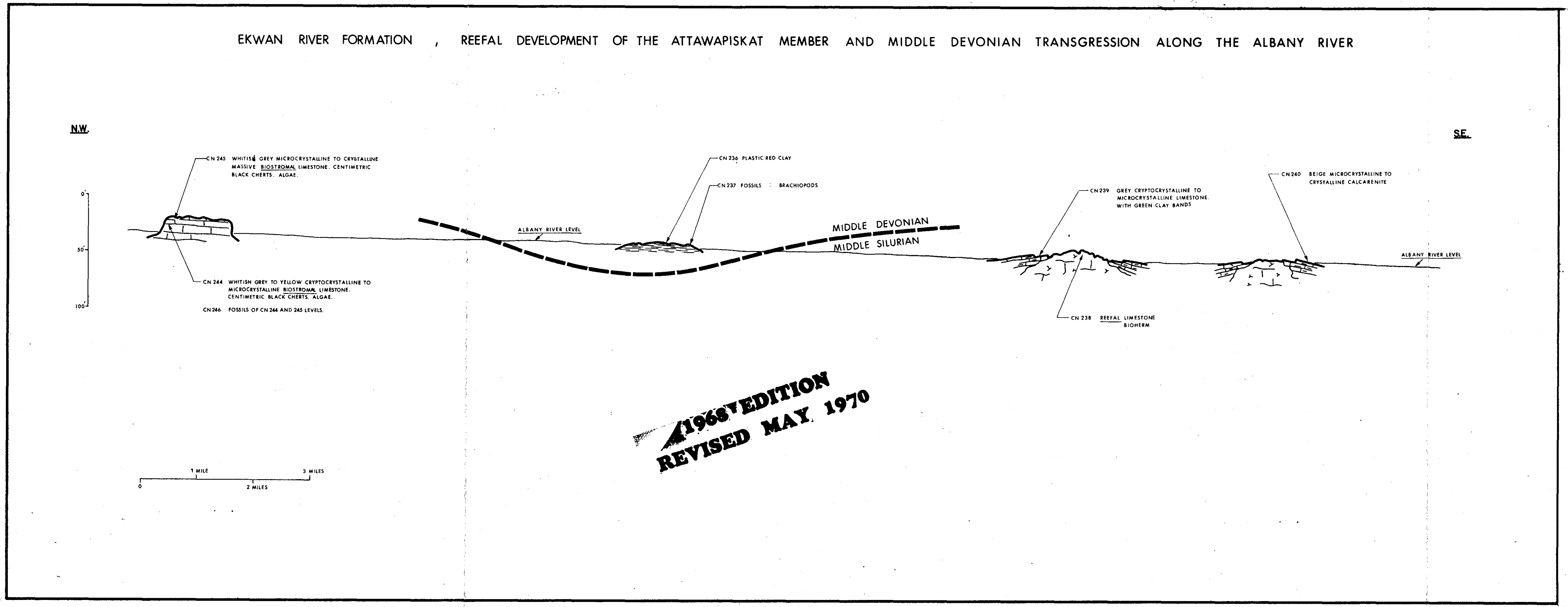
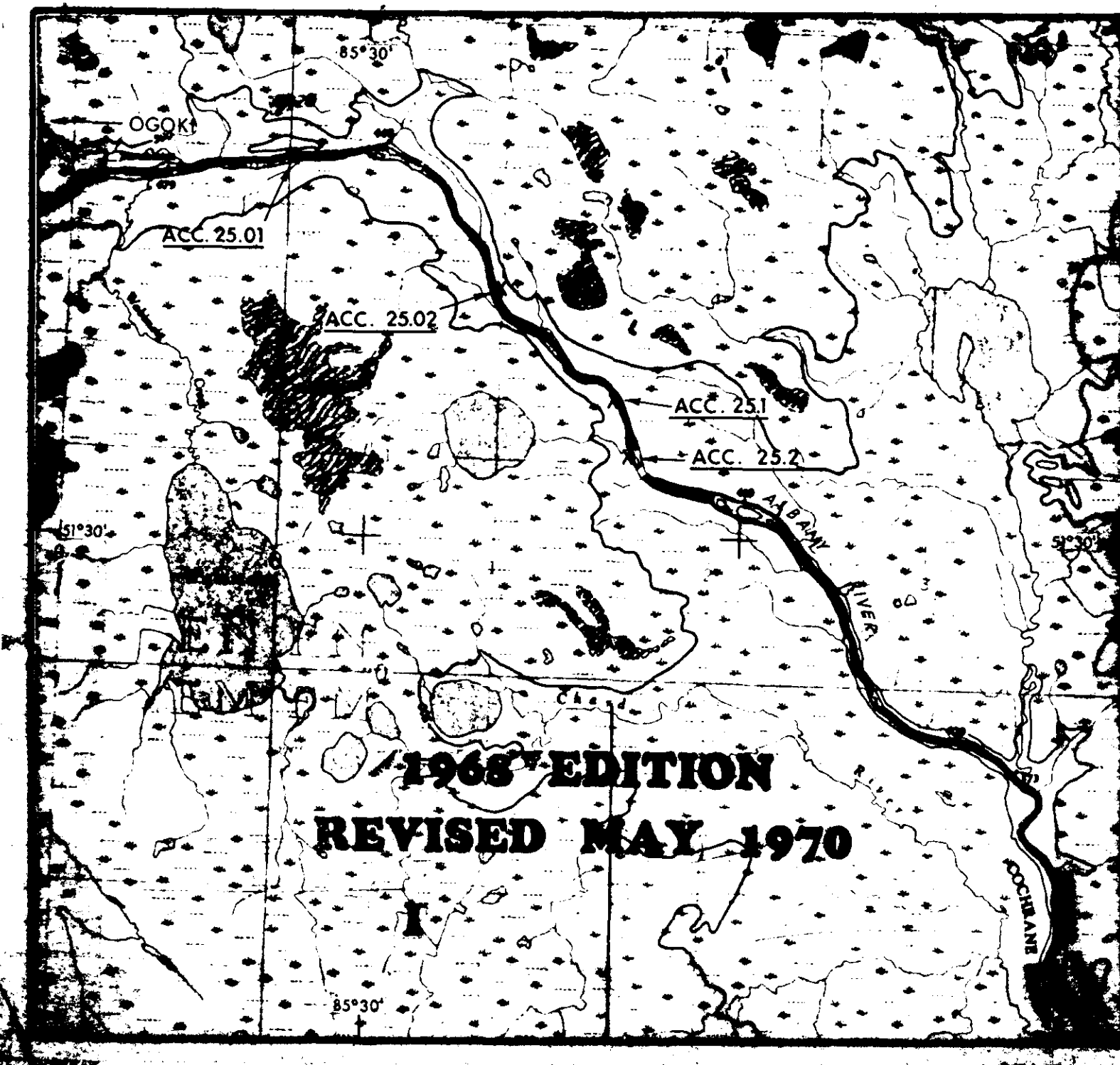


PERIOD	FORMATION FACIES	FOOTAGE	LOG	POROSITY	LITOLOGICAL SAMPLE	FOSSIL SAMPLE	DESCRIPTION	MACROFAUNA		
ORDOVICIAN	RIVER GROUP	320'					RUBBLE			
		310'		CN906				YELLOWISH BEIGE AND BROWN CRYSTALLINE TO MICROCRYSTALLINE ALGAL LIMESTONE, "TIGER FACIES," + BIOSTROMAL LIMESTONE AND CALCARENITE.	CEPHALOPODS, STROMATOLITES, CRINOIDES, ALGAE	
		300'								
		290'								
		280'								
		270'								
		260'								
		250'								
		240'								
		230'								
		220'								
		210'								
		200'								
		190'								
		180'								
170'					CN910		SEE PHOTO N644 BEIGE TO PALE GREY MICROCRYSTALLINE TO CRYSTALLINE BIOCLASTIC LIMESTONE, VERY VUGGY. AVERAGE CONTENT IN ORGANIC MATTER.	BRACHIOPODS, POLYPS, GASTEROPODS.		
160'					CN915		YELLOW BEIGE TO PALE GREY CRYSTALLINE TO MICROCRYSTALLINE DOLOMITIC LIMESTONE. HIGH CONTENT IN ORGANIC MATTER.			
150'					CN914			OSTRACODS BRACHIOPODS		
140'					CN913		YELLOW BEIGE TO PALE GREY CRYSTALLINE TO MICROCRYSTALLINE DOLOMITE. HIGH CONTENT IN ORGANIC MATTER.			
130'					CN912					
120'					CN925		SEE PHOTOS N6 44 AND 45 YELLOW BEIGE TO PALE GREY MICROCRYSTALLINE BIOHERMAL LIMESTONE.	COLUMNAL CORALS (PILED DISCS 2" TO 1" DIAMETER)		
110'					CN924					
100'					CN923		YELLOW MICROCRYSTALLINE DOLOMITIC LIMESTONE.			
90'					CN928		YELLOW BEIGE TO PALE GREY MICROCRYSTALLINE TO CRYSTALLINE BIOHERMAL AND BIOCLASTIC LIMESTONE	ALGAE, COLUMNAL CORALS		
80'					CN927		WHITE, PALE BEIGE, PALE GREY TO BROWN - GREY DOLOMITIC OIL SHALE.			
70'					CN926					
60'							RUBBLE			
50'					CN922		WHITISH TO PALE GREY CRYSTALLINE TO MICROCRYSTALLINE LIMESTONE WITH GREEN CLAY	TRILOBITES BRACHIOPODS		
40'					CN920		WHITISH TO PALE GREY CRYSTALLINE TO MICROCRYSTALLINE MASSIVE ALGAL DOLOMITE.	ALGAE		
30'					CN918		WHITISH TO PALE GREY CRYSTALLINE TO MICROCRYSTALLINE DOLOMITE	ALGAE		
20'					CN917					
10'							RUBBLE			
0'					CN929		SEE PHOTOS N6 42 AND 43 YELLOW-BEIGE TO PALE GREY MICROCRYSTALLINE TO CRYSTALLINE BIOHERMAL AND BIOCLASTIC LIMESTONE	STROMATOLITES COLUMNAL CORALS		
							RUBBLE			

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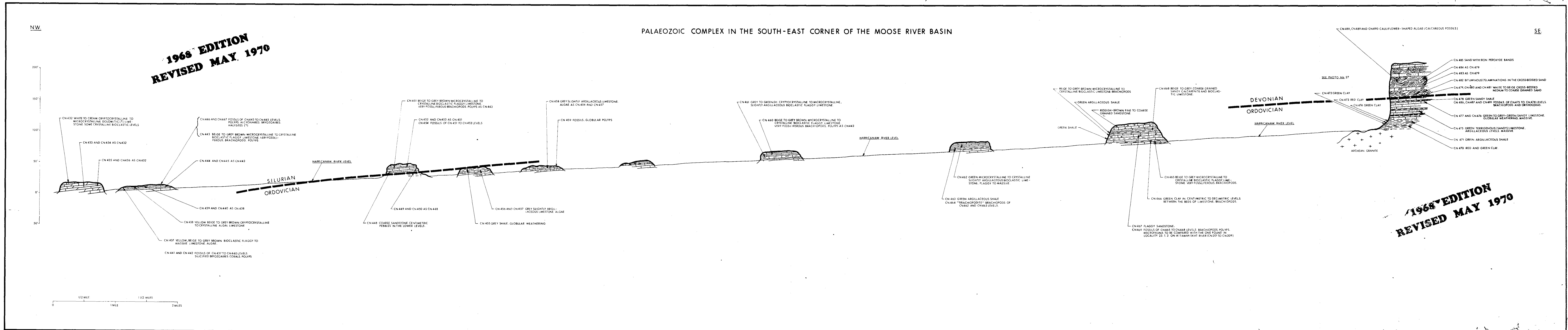
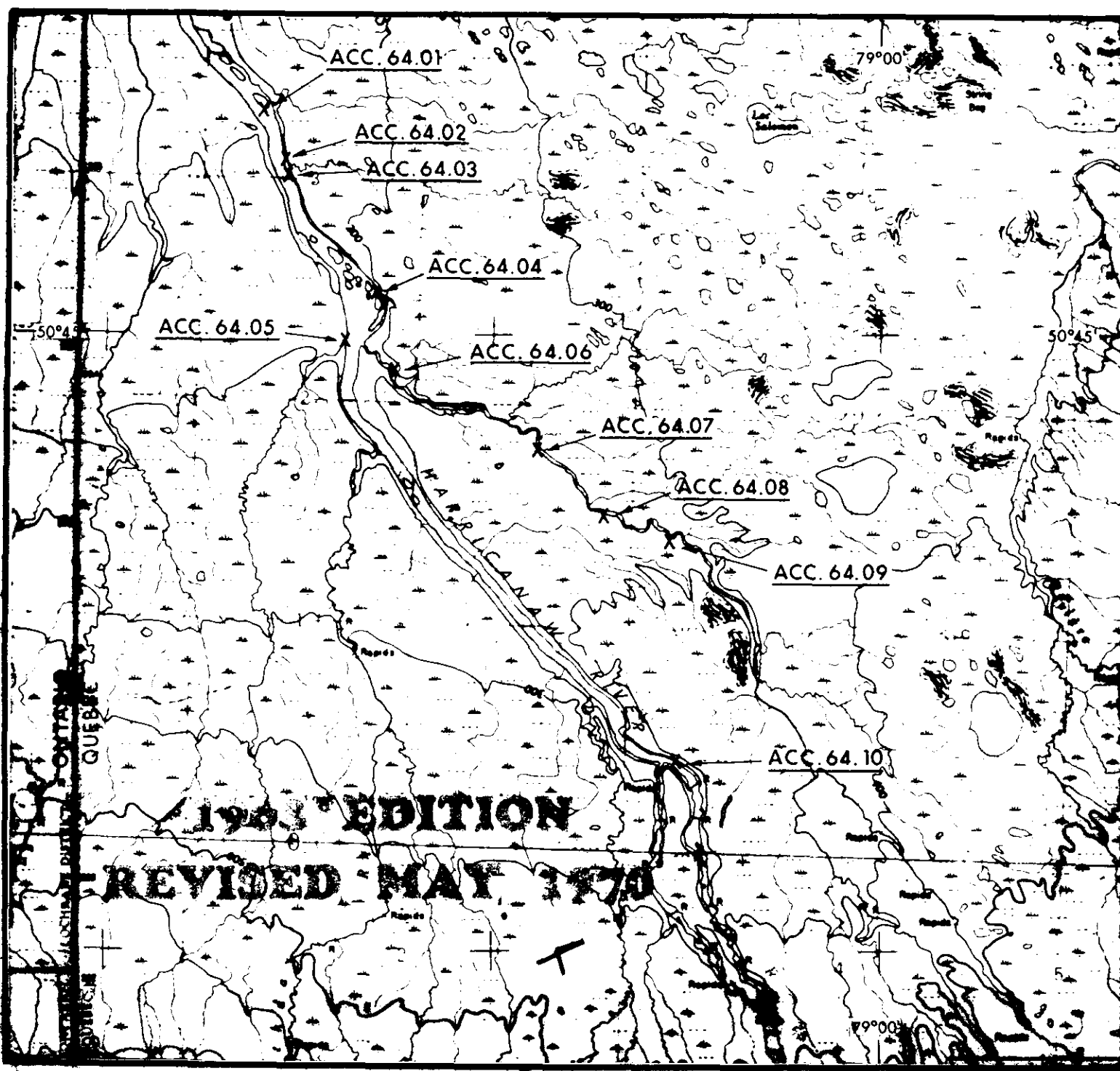
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<b>AQUITAINE COMPANY</b>  <b>OF CANADA LTD.</b>	FIELD REPORT <b>PL 35</b>	
	<b>GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY</b>	
<b>GEOLOGICAL SKETCH</b>	AREA <b>OGOKI</b>	PROVINCE <b>ONTARIO</b>
	DATE <b>JULY 23 &amp; 24, 1968</b>	GEOLOGISTS <b>S. RUEFF - P. ARTRU</b>
PALAEOZOIC COMPLEX ACC 25.01, 25.02, 25.1 AND 25.2. ALBANY RIVER	LOCATION MAP 1:250,000 SCALES HORIZONTAL 1" = 1 MILE or 1:63,000 SKETCH VERTICAL 1" = 50' or 1:600	

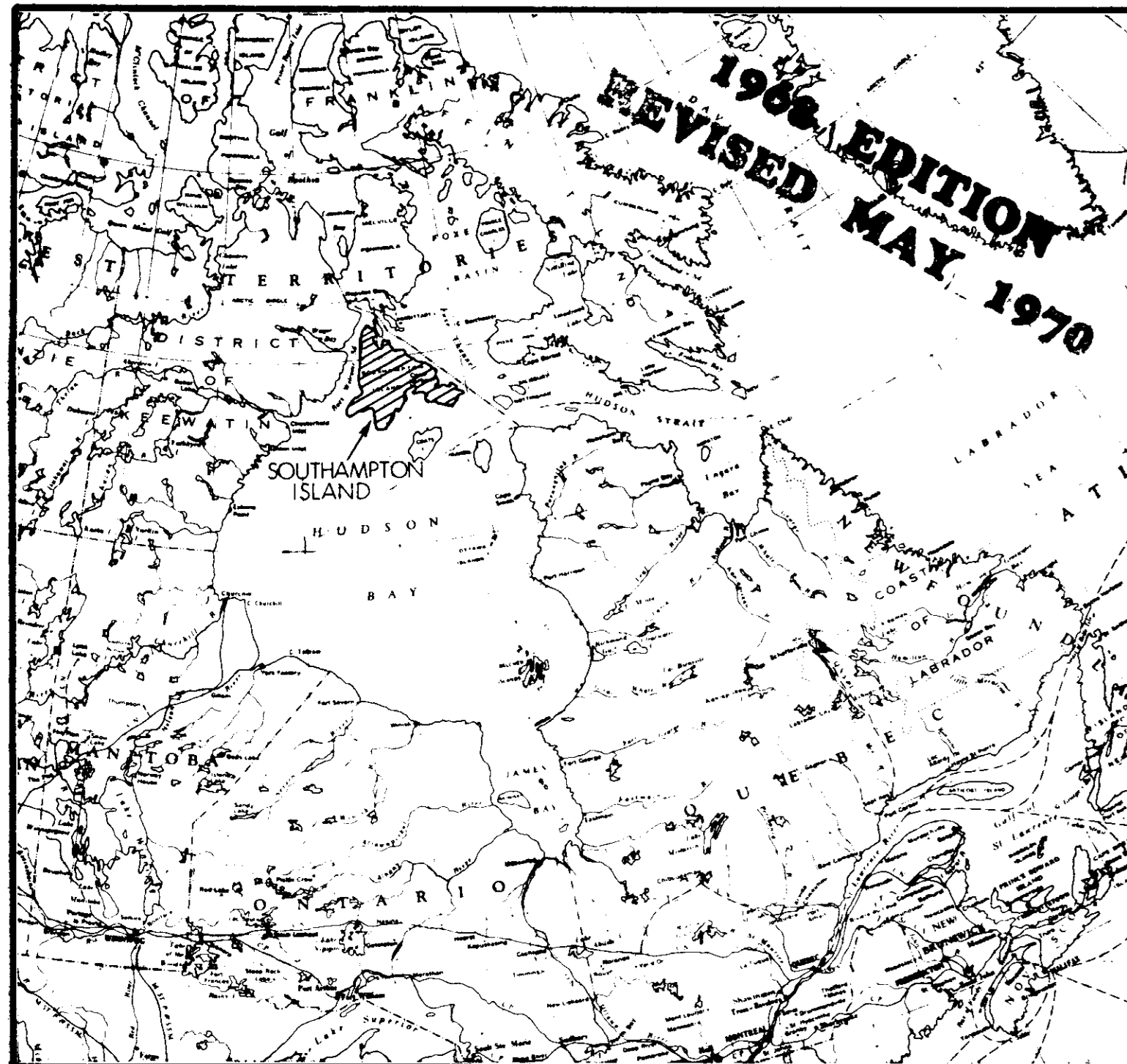




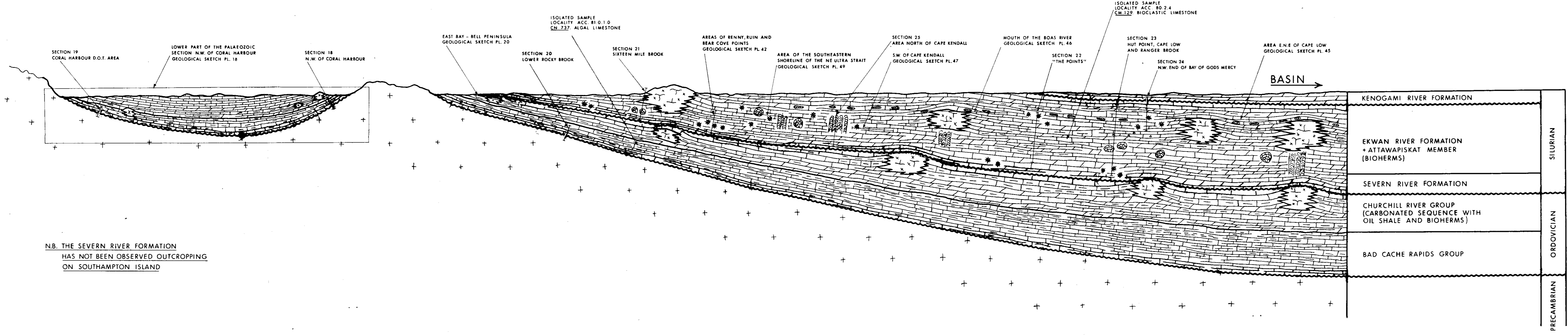
<b>AQUITAINE COMPANY</b> <b>OF CANADA LTD.</b>	FIELD REPORT	PL23
	<b>GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY</b>	
<b>GEOLOGICAL SKETCH</b>	AREA	PROVINCE
	HARRICANAW RIVER	QUEBEC
PALAEOZOIC COMPLEX ACC 64.01 to 64.10 HARRICANAW RIVER	DATE	GEOLOGISTS
	JULY 30 and 31, 1968	S. RUEFF - P. ARTRU
SCALES LOCATION MAP 1:250,000 SKETCH Horizontal: 2" = 1 mi. or 1:31,500 Vertical: 1" = 50' or 1:600		



AQUITAINE COMPANY OF CANADA LTD.	FIELD REPORT		PL 10
	GENERAL GEOLOGICAL RECONNAISSANCE OF HUDSON BAY		
STRATIGRAPHIC POSITION OF AQUITAINE FIELD SECTIONS ON SOUTHAMPTON ISLAND	AREA	PROVINCE	
	SOUTHAMPTON ISLAND	N.W. TERRITORIES DISTRICT OF KEEWATIN	
	DATE	GEOLOGISTS	
	AUG. 21, SEPT. 4, 1968	S. RUEFF - PARTRU	
	SCALES	LOCATION MAP 1" = 250 mi. or 1:15,840,000	
	SKETCH NOT DRAWN TO SCALE		



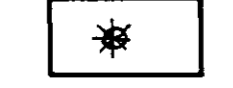
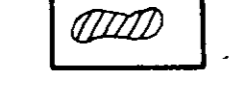
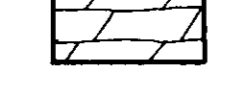
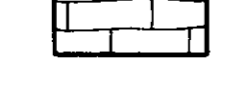
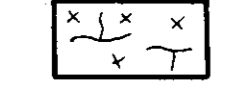
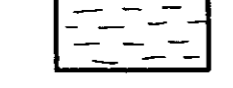
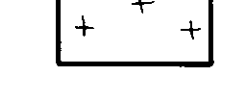


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N.B. THE SEVERN RIVER FORMATION  
HAS NOT BEEN OBSERVED OUTCROPPING  
ON SOUTHAMPTON ISLAND

**LITHOLOGICAL LEGEND**

-  COLUMNAL CORALS (VERTICAL SHAPE)
-  COLUMNAL CORALS (SPHERICAL SHAPE)
-  LARGE OCCURENCE OF CORALS AND POLYPS
-  CHERT
-  DOLOMITE
-  LIMESTONE
-  BIOHERMAL LIMESTONE
-  CLAY, MARL, SHALE AND OIL SHALE
-  PRECAMBRIAN ROCK

KENOGAMI RIVER FORMATION	SILURIAN
EKWAN RIVER FORMATION + ATTAWAPISKAT MEMBER (BIOHERMS)	
SEVERN RIVER FORMATION	ORDOVICIAN
CHURCHILL RIVER GROUP (CARBONATED SEQUENCE WITH OIL SHALE AND BIOHERMS)	
BAD CACHE RAPIDS GROUP	PRECAMBRIAN