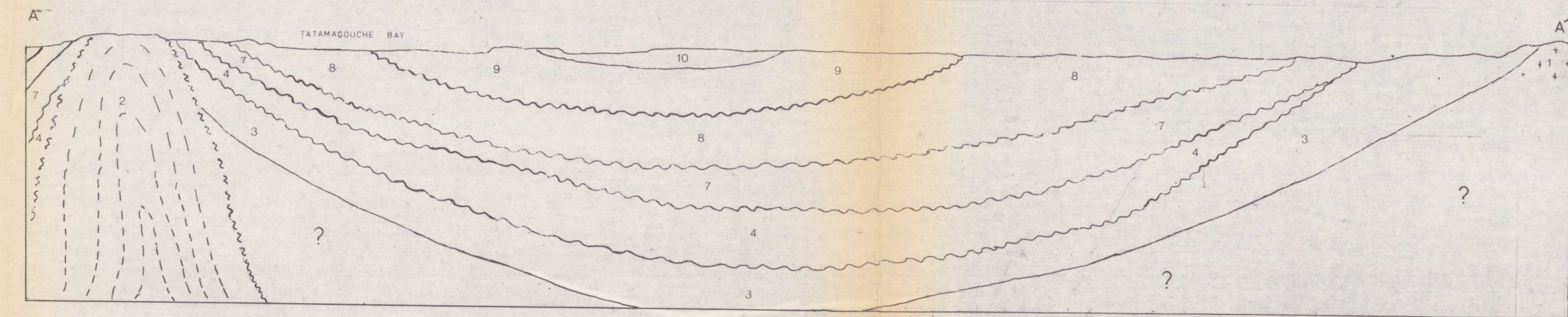
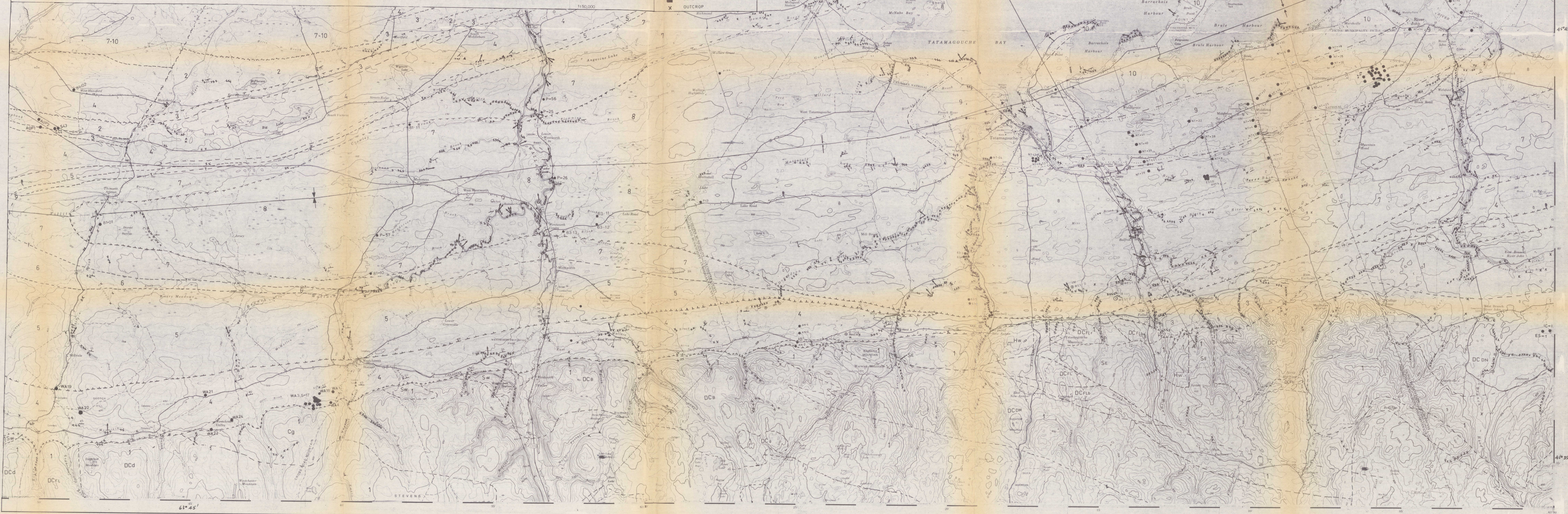


TATAMAGOUCHE SYNCLINE AREA

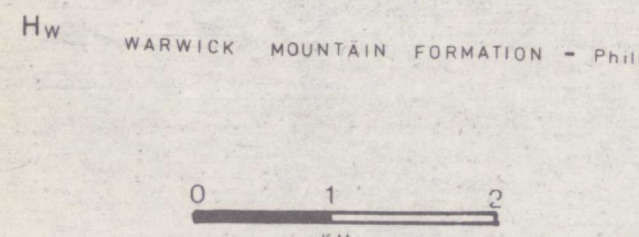


- LEGEND**
- GEOLOGICAL CONTACT
 - - - UNCONFORMITY
 - LIMESTONE MARKER
 - - - FAULT
 - - - STIKE & DIP
 - - - DISPERSAL TREND
 - - - SYNCLINE
 - DRILL HOLE
 - FOSSIL
 - SPORE
 - COPPER & SILVER
 - URANIUM
 - COAL
 - LEAD
 - × OUTCROP



PERMIAN
 STEPHANIAN
 C
 D
 PENNSYLVANIAN
 WESTPHALIAN
 MISSISSIPPIAN
 PALEOZOIC
 DEVONIAN
 SILURIAN
 DEVOONIAN
 CAMBRIAN
 HADRYANIAN

- PERMIAN**
- 10 PICTOU UPPER RED BEDS (101) - coarse to med. fine-grained, shaly, siliceous, micaceous, limestone, red to red brown, sand to silt 1:5
 - 9 PICTOU MIDDLE RED BEDS Same as 10 sand to silt 1:5
 - 8 PICTOU LOWER RED BEDS Same as 10 sand to silt 1:5
 - 7 PICTOU GREY BEDS Same as 10 red grey to grey sand to silt 2:1
- CUMBERLAND GROUP**
- 6 CUMBERLAND FINE FACIES Same as 7 thin beds
 - 5 CUMBERLAND COARSE FACIES Polymictic pebble conglomerate red grey
- RIVERSDALE GROUP**
- 4 BOSS POINT FORMATION Med. thin conglomerate, polymictic conglomerate, subarkose siltstone, shaly, grey, to red
 - 3 HILLSVILLE FORMATION Boulder to pebble polymictic conglomerate red
- WINDSOR GROUP**
- 2 UNDIVIDED: Red shaly gypsum limestone silt
- PRECARBONIFEROUS**
- 1 Cg HORNBLENDE BIOTITE MONZONORANITE
 - DCf FALLS FORMATION - Red conglomerate
 - DCd HORNBLENDE DIORITE
 - DCFl [DCFl & DCFls] FOUNTAIN LAKE GROUP Mafic & felsic volcanics, meta-siltstone
 - DCb DIAMOND BROOK FORMATION
 - DCDm NABISCAMP BK. MEMBER - Meta-siltstone & shale
 - DCM MUCKAY BK. MEMBER - Basalt, meta-siltstone, shale
 - SW WILSON BROOK FORMATION - Black shaly silt
 - SE EARLTOWN FORMATION - Rhyolite & dacite, variscites



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1986

R. J. RYAN '85