

# LEGEND

## DEVONIAN OR LATER

12 MONTEREGIAN INTRUSIONS

## ORDOVICIAN

### RICHMOND

11 BECANCOUR RIVER FORMATION: shale and sandstone; 11A, green shale; 11B, red shale; 11C, sandy red shale; 11D, red and green sandstone; minor shale

10 PONTGRAVÉ RIVER FORMATION: calcareous shale, silty limestone, and siltstone lenses

### UTICA AND LORRAINE

9 Dark grey shale, gradational upward through grey shale, with minor siltstone, to interbedded shale, siltstone, and fine sandstone; greenish grey towards top; shell limestone lenses in upper part

### TRENTON

8 Limestone, argillaceous limestone, calcareous shale: 8A, coarsely crystalline to finely crystalline limestone, in part cherty; fine argillaceous limestone member near base; 8B, dark brownish grey, dense argillaceous limestone and massive calcareous shale

### BLACK RIVER

7 Brown, cryptocrystalline limestone; sandy dolomite, sandstone; shale at base

### CHAZY

6 LAVAL FORMATION: limestone and sandstone; 6A, quartz sandstone, sandy limestone, shale; 6B, coarsely crystalline limestone, shale partings

## PALAEOZOIC

## PRECAMBRIAN

5 Sandstone; minor limestone and dolomite

4 'BELDENS' (?) FORMATION: limestone, dolomite, sandstone; 4A, sandstone, minor limestone, dolomitic sandstone; 4B, sugary and crystalline dolomite, sandy dolomite, cryptocrystalline limestone, sandstone

### BEEKMANTOWN

3 Dolomite, siltstone, sandstone, shale, limestone; 3A, sugary and crystalline dolomite, crystalline limestone, sandstone; 3B, dolomitic sandstone and sandy dolomite; 3C, crystalline and granular dolomite, minor silty dolomite, calcitic dolomite, siltstone; 3D, dark, fine-grained silty dolomite, siltstone, shale

### CAMBRIAN

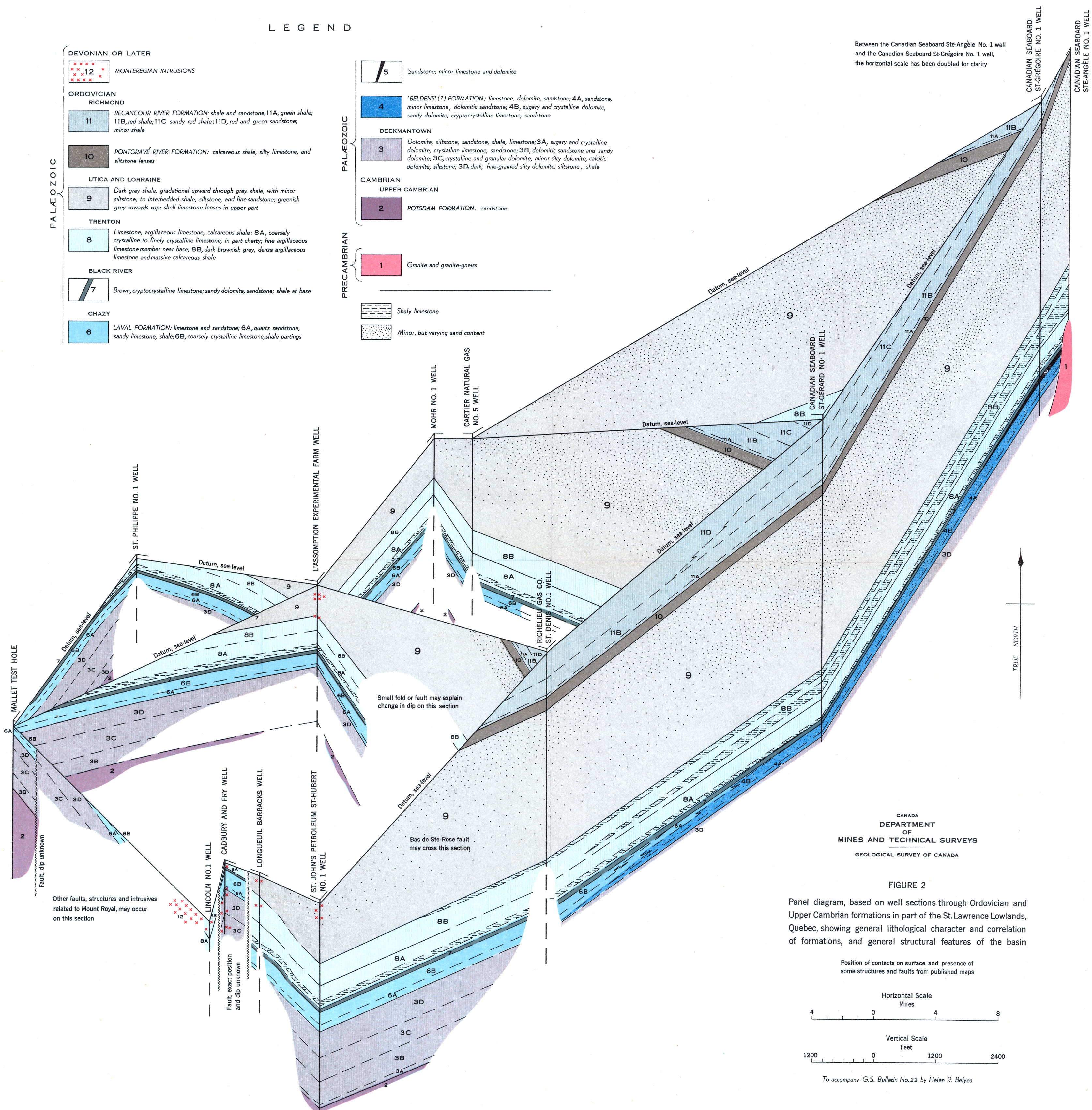
2 POTSDAM FORMATION: sandstone

1 Granite and granite-gneiss

Shaly limestone

Minor, but varying sand content

Between the Canadian Seaboard Ste-Angele No. 1 well and the Canadian Seaboard St-Grégoire No. 1 well, the horizontal scale has been doubled for clarity

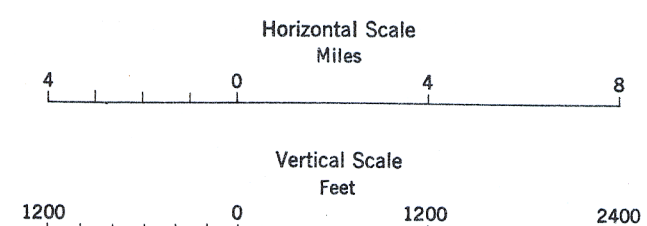


CANADA  
DEPARTMENT  
OF  
MINES AND TECHNICAL SURVEYS  
GEOLOGICAL SURVEY OF CANADA

FIGURE 2

Panel diagram, based on well sections through Ordovician and Upper Cambrian formations in part of the St. Lawrence Lowlands, Quebec, showing general lithological character and correlation of formations, and general structural features of the basin

Position of contacts on surface and presence of some structures and faults from published maps



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