



GEOLOGICAL SURVEY OF CANADA  
 DEPARTMENT OF ENERGY, MINES AND TECHNOLOGY  
 MINISTÈRE DES ÉNERGIES, DES MINES ET DES TECHNOLOGIES

MAP 1564A CARTÉ  
**SENSITIVITY OF BEDROCK AND DERIVED SOILS  
 TO ACID PRECIPITATION**  
 SOUTH-CENTRAL AND SOUTHEASTERN CANADA  
**SENSIBILITÉ DE LA ROCHE EN PLACE ET DES SOLS DÉRIVÉS  
 AUX PRÉCIPITATIONS ACIDES**  
 CENTRE-SUD ET SUD-EST DU CANADA

Scale 1:1,000,000 Échelle

Kilometres 0 20 40 60 80 100  
 Miles 0 20 40 60 80 100

Lambert Conformal Conic Projection  
 Standard Parallels 47° 15' and 50° 15'  
 Projection conforme conique des Lambert parallèles  
 d'échelle constante 1:1 000 000  
 © Crown Copyright reserved © Droits de la Couronne réservés

Coordinator / Coordonnateur: W.W. Shih  
 Geology compiled by K.D. Carr (Canadian Shield), W.H. Poole (Appalachian region),  
 and B.V. Sanford (St. Lawrence and Hudson plateaus)  
 Données géologiques compilées par K.D. Carr (Bouclier canadien),  
 W.H. Poole (Appalaches) et B.V. Sanford (plateaux  
 du St-Laurent et du Haut-Saint-Laurent)

Geological cartography by R. Pilon, Geological Survey of Canada  
 Cartographie géologique par R. Pilon, Commission géologique du Canada

Any reviews or additional geological information known to the user  
 would be welcomed by the Geological Survey of Canada  
 La Commission géologique du Canada accepterait avec plaisir toute correction  
 ou toute information géologique supplémentaire que l'utilisateur voudrait bien fournir

Base map assembled by the Geological Survey of Canada from maps  
 published at the same scale by the Survey and Mapping Branch  
 and United States Geological Survey  
 Carte de base de la Commission géologique du Canada provenant de cartes  
 publiées à la même échelle par la Direction des Levés et  
 Cartographie et par la Commission géologique des États-Unis

INDEX MAP - LIÈGE DE LA CARTE

**LEGEND - LÉGENDE**

UNIFORMITY INDEX ÉVALUATION DE LA SENSIBILITÉ	BEDROCK ASSEMBLAGE ASSEMBLAGE DE LA ROCHE EN PLACE	BEDROCK LITHOLOGIES OF MAJOR GEOLOGICAL PROVINCES LITHOLOGES DE LA ROCHE EN PLACE DES PROVINCES GÉOLOGQUES MAJEURES
1 Sensitivity of bedrock and derived soils to acid precipitation is high. The bedrock is highly fractured and the derived soils are highly erodible.	1 CANADIAN SHIELD BOUCLIER CANADIEN	1 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
2 Sensitivity of bedrock and derived soils to acid precipitation is moderate. The bedrock is moderately fractured and the derived soils are moderately erodible.	2 Appalachian Region RÉGION DES APPALACHES	2 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
3 Sensitivity of bedrock and derived soils to acid precipitation is low. The bedrock is weakly fractured and the derived soils are weakly erodible.	3 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	3 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
4 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	4 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	4 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
5 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	5 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	5 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
6 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	6 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	6 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
7 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	7 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	7 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
8 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	8 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	8 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
9 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	9 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	9 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
10 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	10 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	10 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
11 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	11 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	11 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
12 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	12 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	12 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
13 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	13 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	13 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
14 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	14 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	14 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
15 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	15 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	15 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
16 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	16 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	16 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
17 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	17 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	17 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
18 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	18 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	18 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
19 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	19 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	19 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON
20 Sensitivity of bedrock and derived soils to acid precipitation is very low. The bedrock is unfractured and the derived soils are unerodible.	20 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON	20 St. Lawrence and Hudson Bay Plateaus PLATEAUX DU SAINT-LAURENT ET DU BAY D'HURON

To accompany GSC Paper 81-14 (Carte cartée en adjointe à l'étude 81-14)