

Service des Mines

A. O. DUFRESNE, directeur.

1939

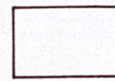



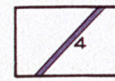
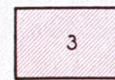

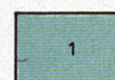
Bureau of Mines

A. O. DUFRESNE, director.

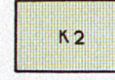
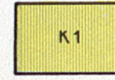
LEGEND — LÉGENDE

QUATERNARY — QUATERNAIRE

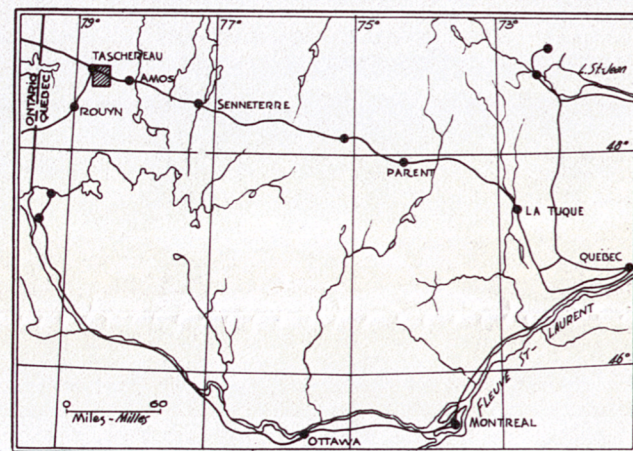
RECENT AND PLEISTOCENE
 RÉCENT ET PLEISTOCÈNE

-  Recent alluvium and glacial drift (chiefly clay)
Alluvions récentes et drift glaciaire (principalement de l'argile)
-  Sand, with some gravel and erratics
Sable, avec gravier et blocs erratiques
-  Eskers (a), sand and gravel knolls and ridges (b)
Eskers (a), buttes et crêtes de sable et gravier (b)
- PRECAMBRIAN — PRÉCAMBRIEN**
POST-TEMISCAMIAN (?) — POST-TÉMISCAMIEN (?)
-  Olivine gabbro and quartz gabbro dykes (later gabbro)
Dykes de gabbro à olivine et de gabbro quartzifère (gabbro plus récent)
-  Quartz porphyry, quartz feldspar porphyry, feldspar porphyry, aplite and pegmatite
Porphyre quartzifère, porphyre feldspathique quartzifère, porphyre feldspathique, apélite et pegmatite.
-  Porphyritic granite (3a), biotite-hornblende granite (3b), hornblende granite and syenite (3c), granodiorite (3d)
Granite porphyrique (3a), granite à biotite et à hornblende (3b), granite et syénite à hornblende (3c) granodiorite (3d).
-  Diorite, quartz diorite (older gabbro)
Diorite, diorite quartzifère (gabbro plus ancien)
-  Peridotite
Péridotite

KEEWATIN — KEEWATIN

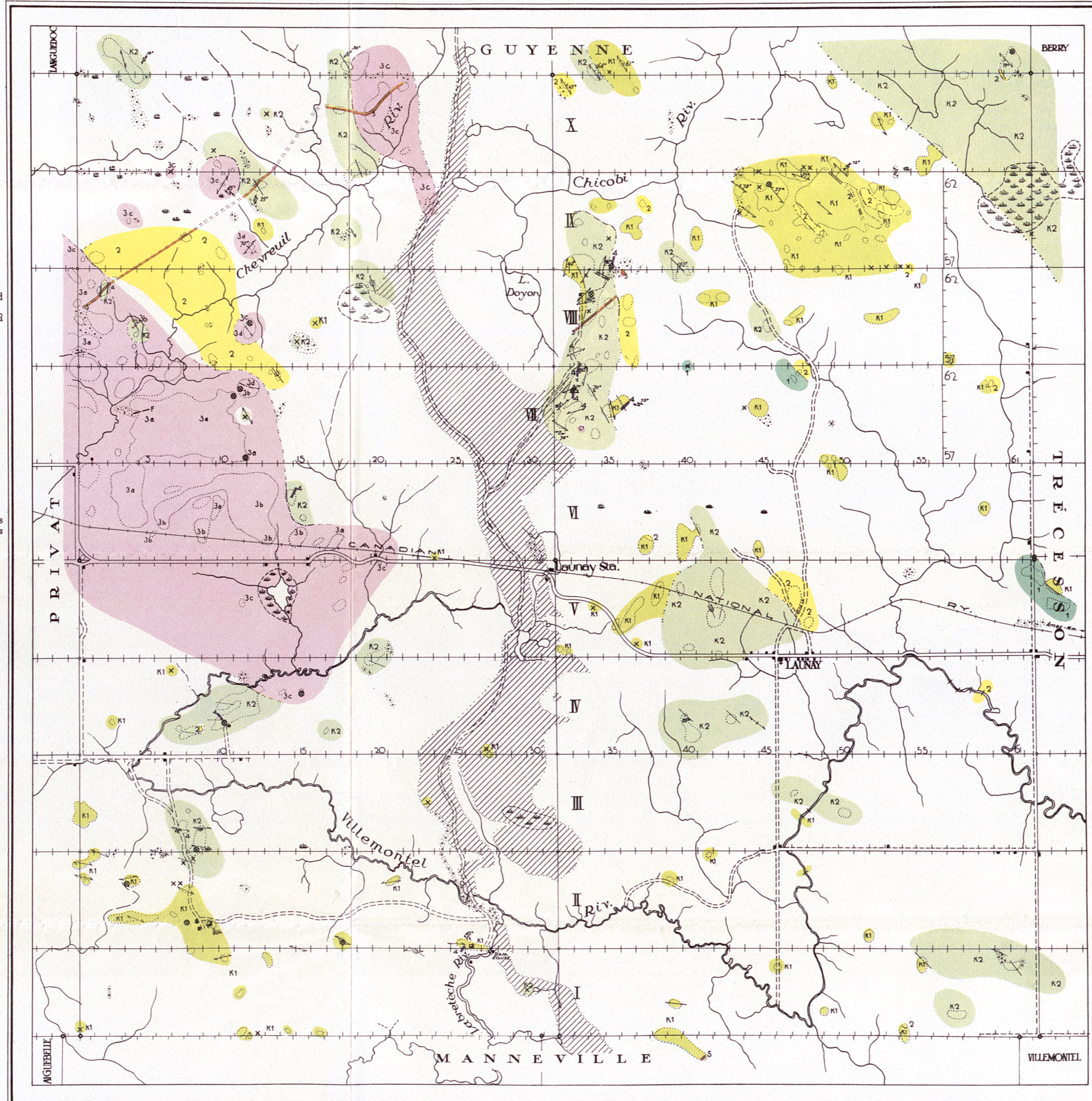
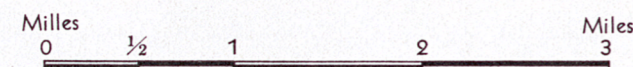
-  K2 Breccia, tuff, acid extrusive rocks, trachyte or dacite and rhyolite
Brèche, tuf, roches d'épanchement acides, trachyte ou dacite et rhyolite
-  K1 Basic extrusive rocks, chiefly andesite, basalt and flow-breccias or fragmental lavas
Roches d'épanchement basiques, principalement andésite, basalte, et brèches éruptives ou laves détritiques.
















Approximate magnetic declination 13 1/2° West
 Déclinaison magnétique approximative 13 1/2° Ouest



Index map — Lieu de la carte

Echelle: 1 mille au pouce ou 1: 63,360
 Scale: 1 mile to 1 inch or 1: 63,360



-  Rock outcrops
Affleurements de roche
-  Small rock outcrops
Petits affleurements de roche
-  Geological boundary: (a) located, (b) approximate, (c) assumed
Contact géologique: (a) relevé, (b) approximatif, (c) présumé
-  Bedding: dip inclined (a), vertical (b), uncertain (c).
Couches: pendage incliné (a), vertical (b), incertain (c).
-  Schistosity: dip inclined (a), vertical (b), uncertain (c)
Schistosité: pendage incliné (a), vertical (b), incertain (c)
-  Drag folds
Plis étirés
-  Fault (assumed)
Faille (présumée)
-  Glacial striae
Stries glaciaires
-  Prospect work
Travaux de prospection
-  Range and lot line, lot number
Limites de rang et de lot, numéro de lot
-  Road, with buildings and church (a), road not well travelled (b)
Route, avec bâtiments et église (a), route peu fréquentée (b)
-  Rapid or fall
Rapides ou chute
-  Shaft
Puits de mine
-  Geodetic triangulation station
Repère géodésique de triangulation
-  Marsh
Marais

Pour accompagner le Rapport géologique No 1, publié par le Service des Mines de Québec

SOURCES DE RENSEIGNEMENTS:

Relevés par le Ministère des Terres et Forêts, Québec.
 Compilation de photo aérienne du Ministère de l'Intérieur, Ottawa.
 Géologie par A. H. Lang et L. J. Weeks, Commission géologique du Canada, 1932, 1933 et 1934; revue et augmentée par S. H. Ross 1937.

No. 456

Canton de Launay
 Comté d'Abitibi

Launay Township
 Abitibi County

To accompany Geological Report No. 1 published by the Quebec Bureau of Mines

SOURCES OF INFORMATION:

Surveys by the Department of Lands and Forests, Quebec
 Compilation of aerial photographs by the Department of the Interior, Ottawa.
 Geology by A. H. Lang, and L. J. Weeks, Geological Survey of Canada, 1932, 1933 and 1934; revision and additions by S. H. Ross, 1937.