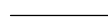
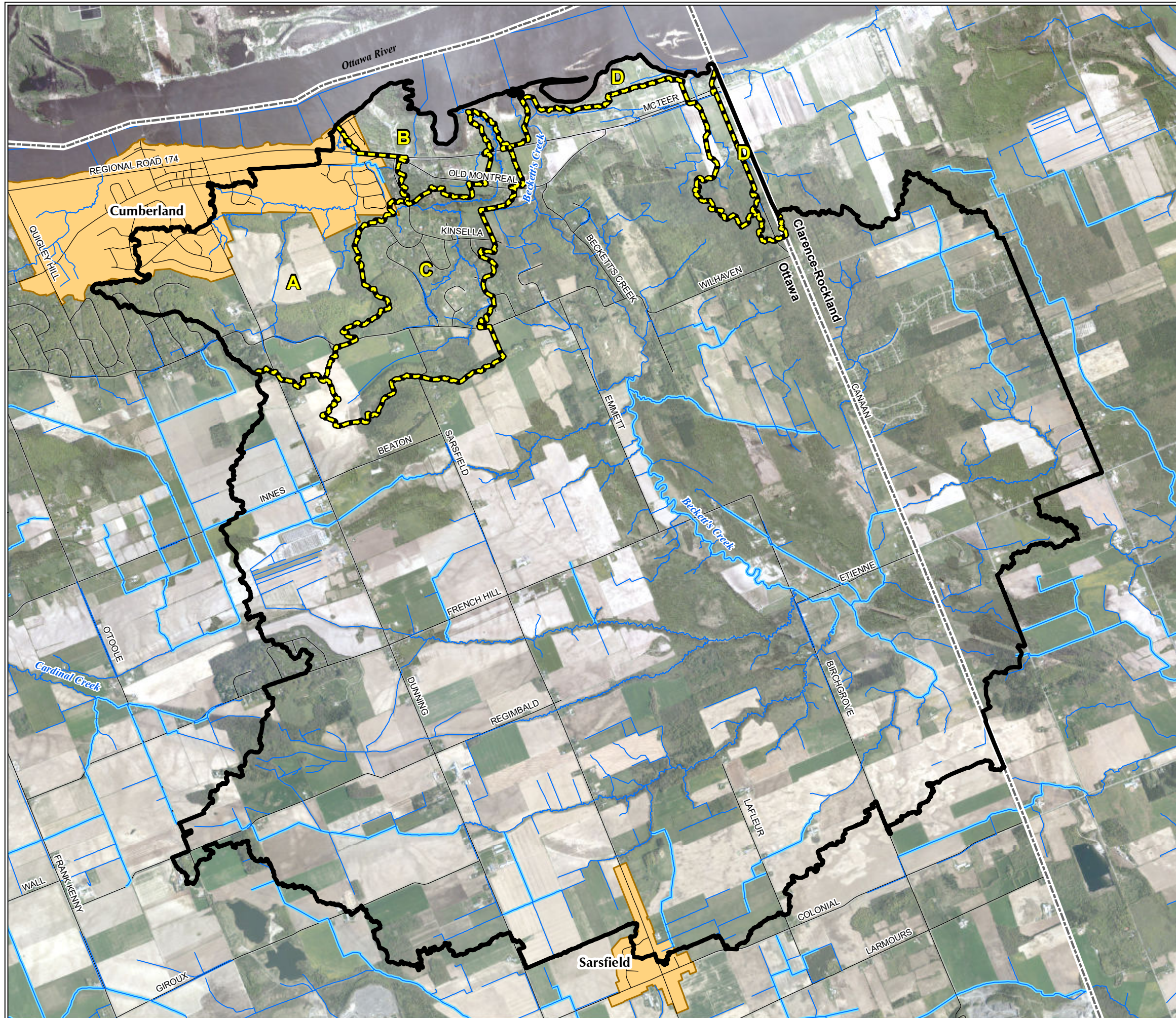
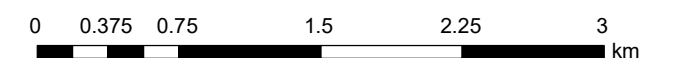
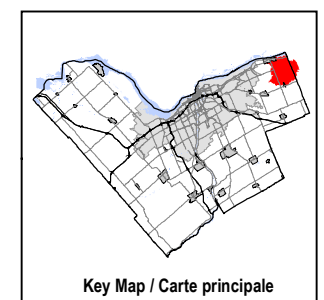


Beckett's Creek

SUBWATERSHED STUDY

Study Area / Zone d'étude

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Villages /
Villages
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Municipal Drain /
Drain municipal
-  Catchment Area Boundary /
Limite du l'aire de captage
-  Road /
Chemin



Beckett's Creek

SUBWATERSHED STUDY

Official Plan Designations / Affectations - Plan officiel

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Municipal Drain /
Drain municipal
-  Catchment Area Boundary /
Limite de l'aire de captage

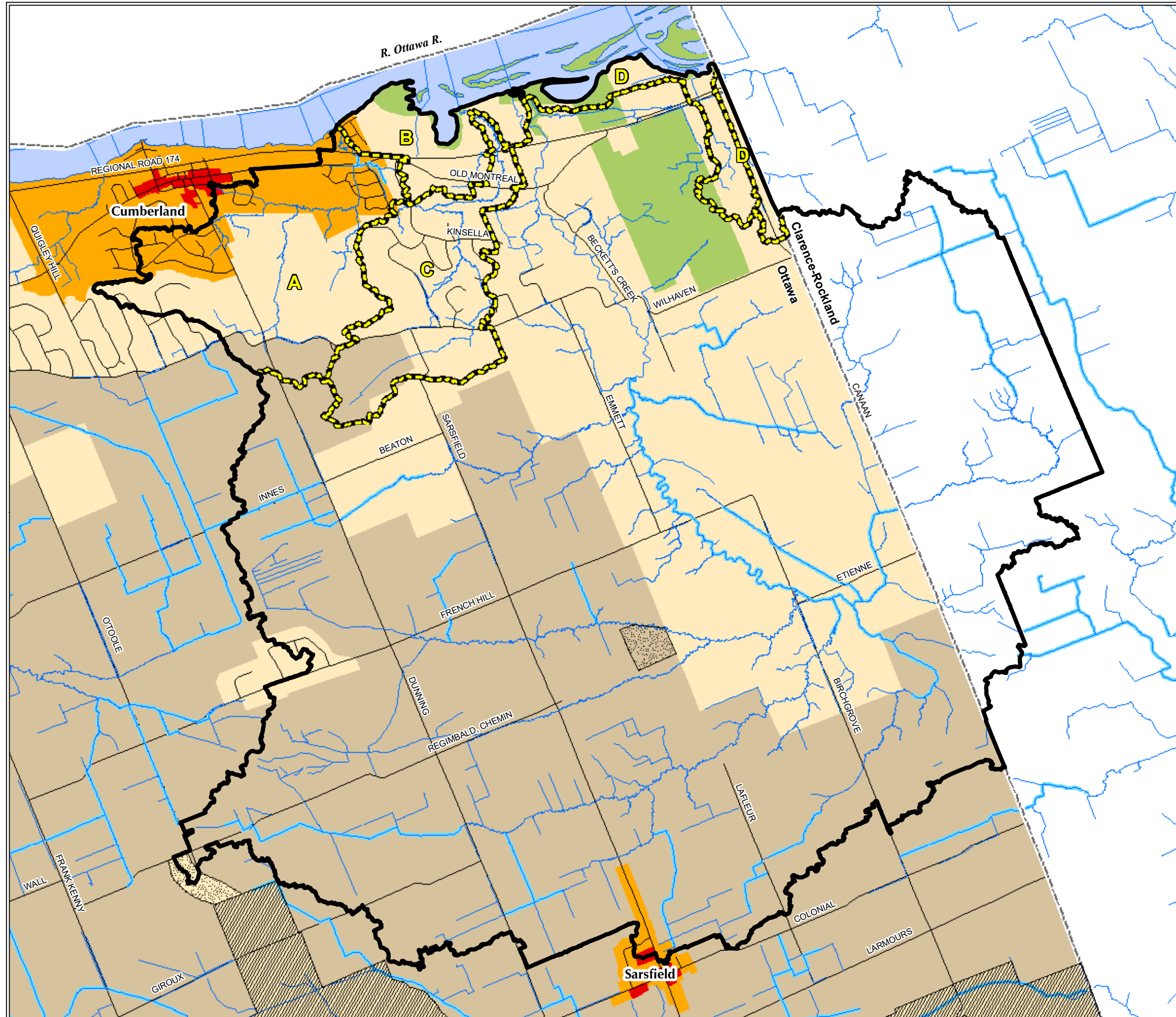
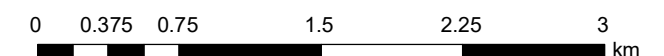
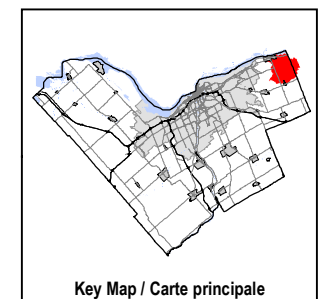
OFFICIAL PLAN - SCHEDULE B9 - RURAL TRANSECT PLAN OFFICIEL - ANNEXE B9 - TRANSECT SECTEUR RURAL

DESIGNATIONS / AFFECTATIONS

-  Agricultural Resource Area / Zone de ressources agricoles
-  Rural Countryside / Campagne rurale
-  Greenspace / Espace vert
-  Village / Village
-  Village Core / Centre du village

OVERLAYS / AFFECTATION SUPPLÉMENTAIRE

-  Bedrock Resource Area Overlay / Superposition de la ressource en substrat rocheux
-  Sand and Gravel Resource Area Overlay / Superposition de la ressource en sable et en gravier



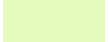
Beckett's Creek

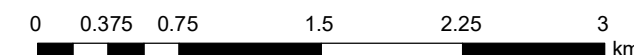
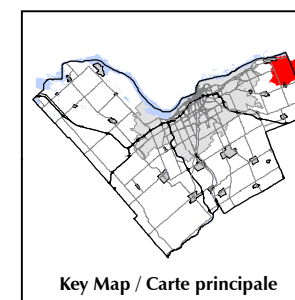
SUBWATERSHED STUDY

Land Cover / La couverture terrestre

-  Beckett's Creek Subwatershed Study Area / Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary / Limite municipale
-  Watercourse / Cours d'eau
-  Catchment Area Boundary / Limite de l'aire de captage

LAND COVER 2011 / LA COUVERTURE TERRESTRE 2011

-  Crop and Pasture / Culture et pâturage
-  Grassland / Prairie
-  Sand and Gravel / Sable et gravier
-  Settlement / Peuplement
-  Transportation / Transport
-  Water / Eau
-  Wetland / Terre humide
-  Wooded Area / Zone boisée

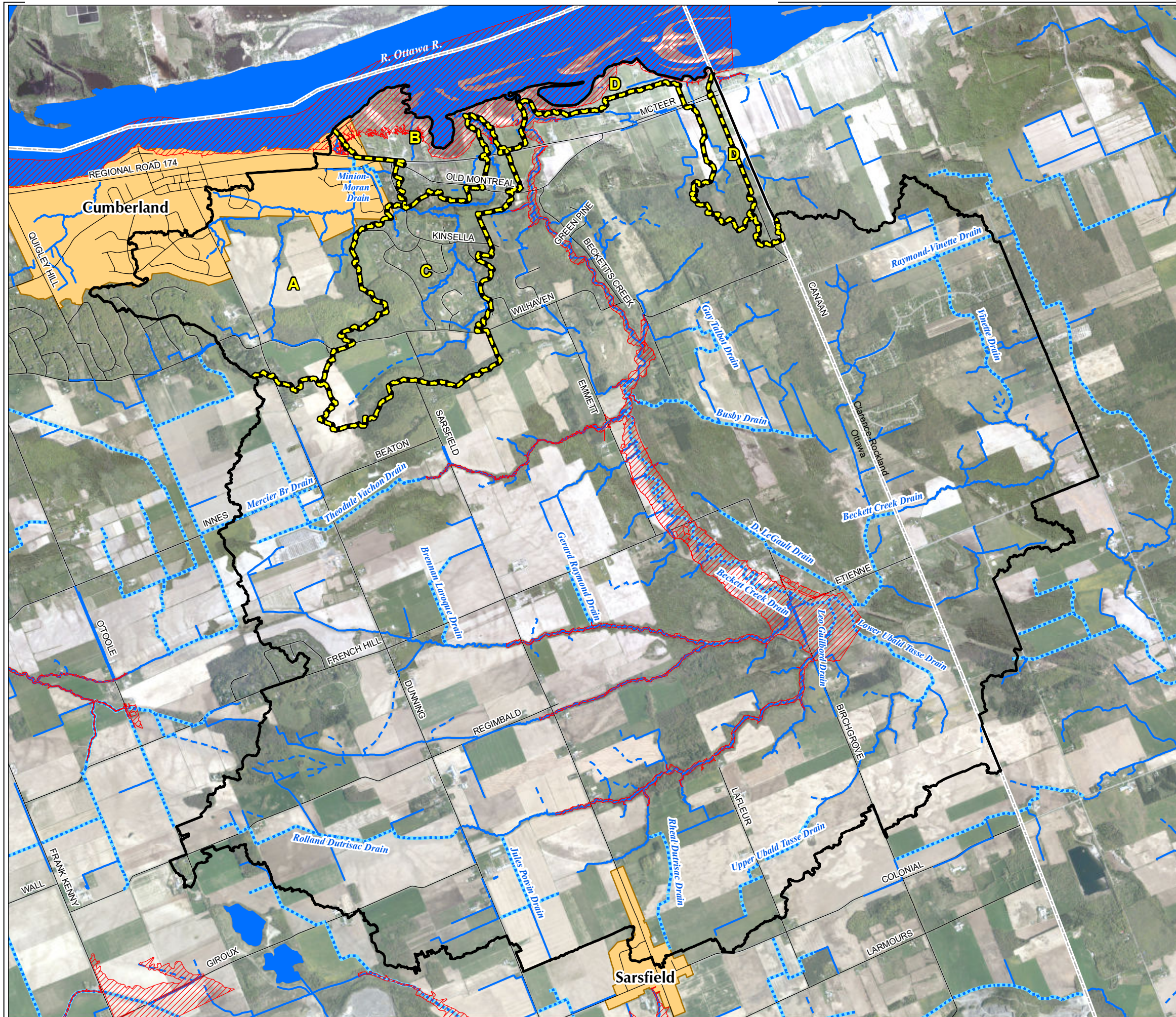
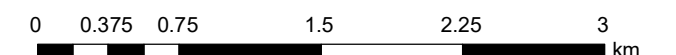
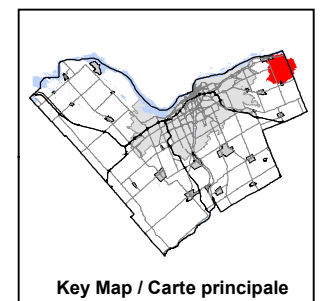


Beckett's Creek

SUBWATERSHED STUDY

Surface Water Features / Plans d'eaux de surface

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Villages /
Villages
-  Municipal Boundary /
Limite municipale
-  Stream / Ruisseau
-  Swale / Rigole de drainage
-  Municipal Drain / Drain municipal
-  Catchment Area Boundary /
Limite du l'aire de captage
-  Floodplain / Plaine inondable

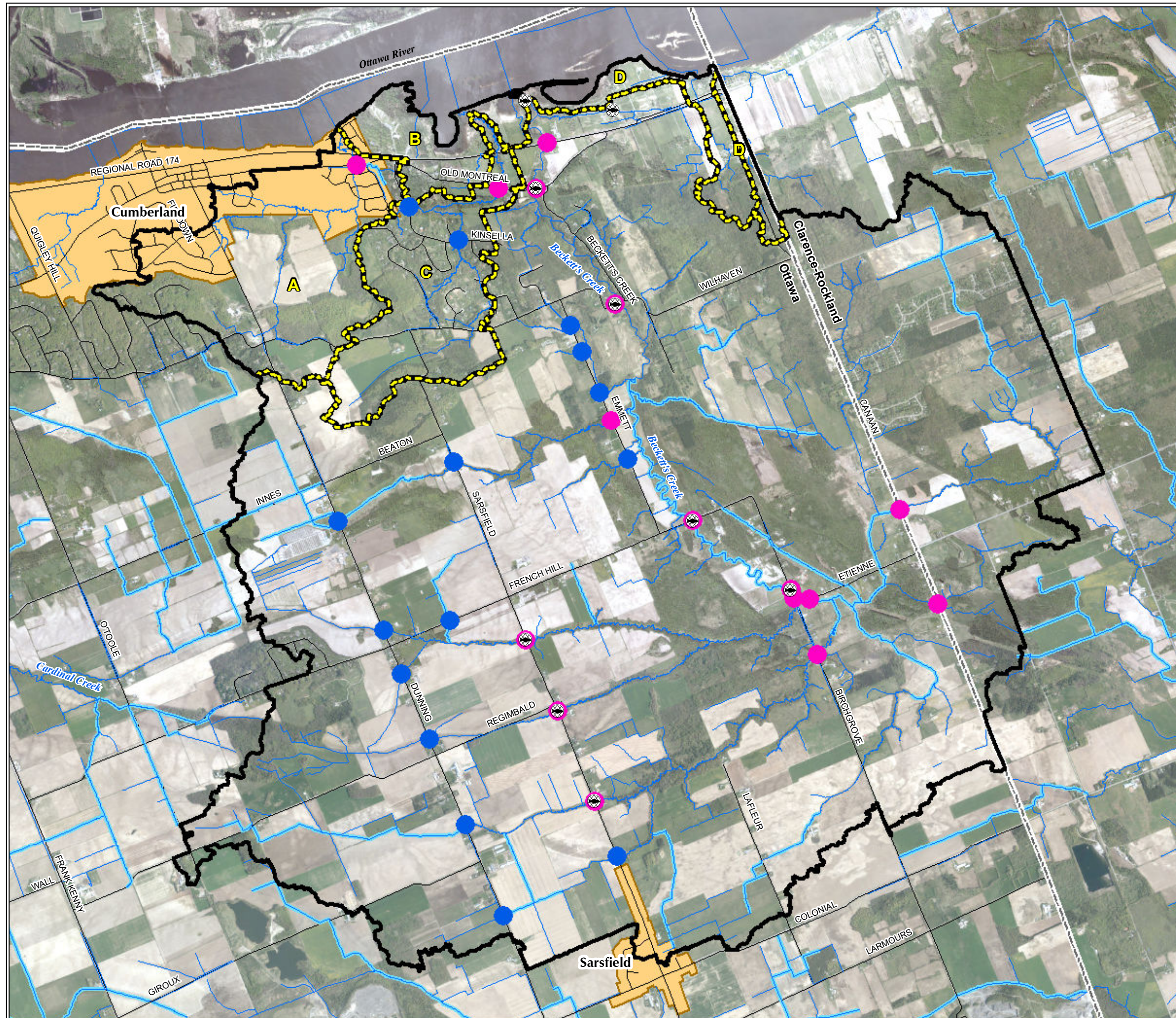
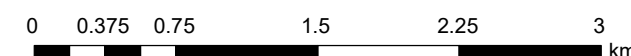
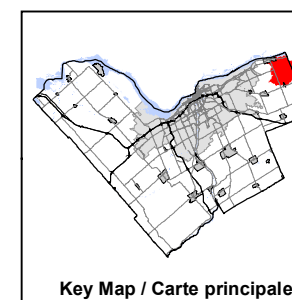


Beckett's Creek

SUBWATERSHED STUDY

Stream Survey Locations / Enquête sur les cours d'eau

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Villages /
Villages
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Municipal Drain /
Drain municipal
-  Catchment Area Boundary /
Limite du l'aire de captage
-  Road /
Chemin
-  Fish Sampling Site /
Site d'échantillonnage de poissons
-  Water Quantity Site /
Site d'évaluation de la quantité d'eau
-  Water Quantity and Quality Site /
Site d'évaluation de la quantité d'eau et de la qualité de l'eau



ÉTUDE DE SOUS-BASSIN HYDROGRAPHIQUE

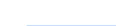
Beckett's Creek

SUBWATERSHED STUDY

Bedrock Geology

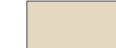
(Ontario Geological Survey)

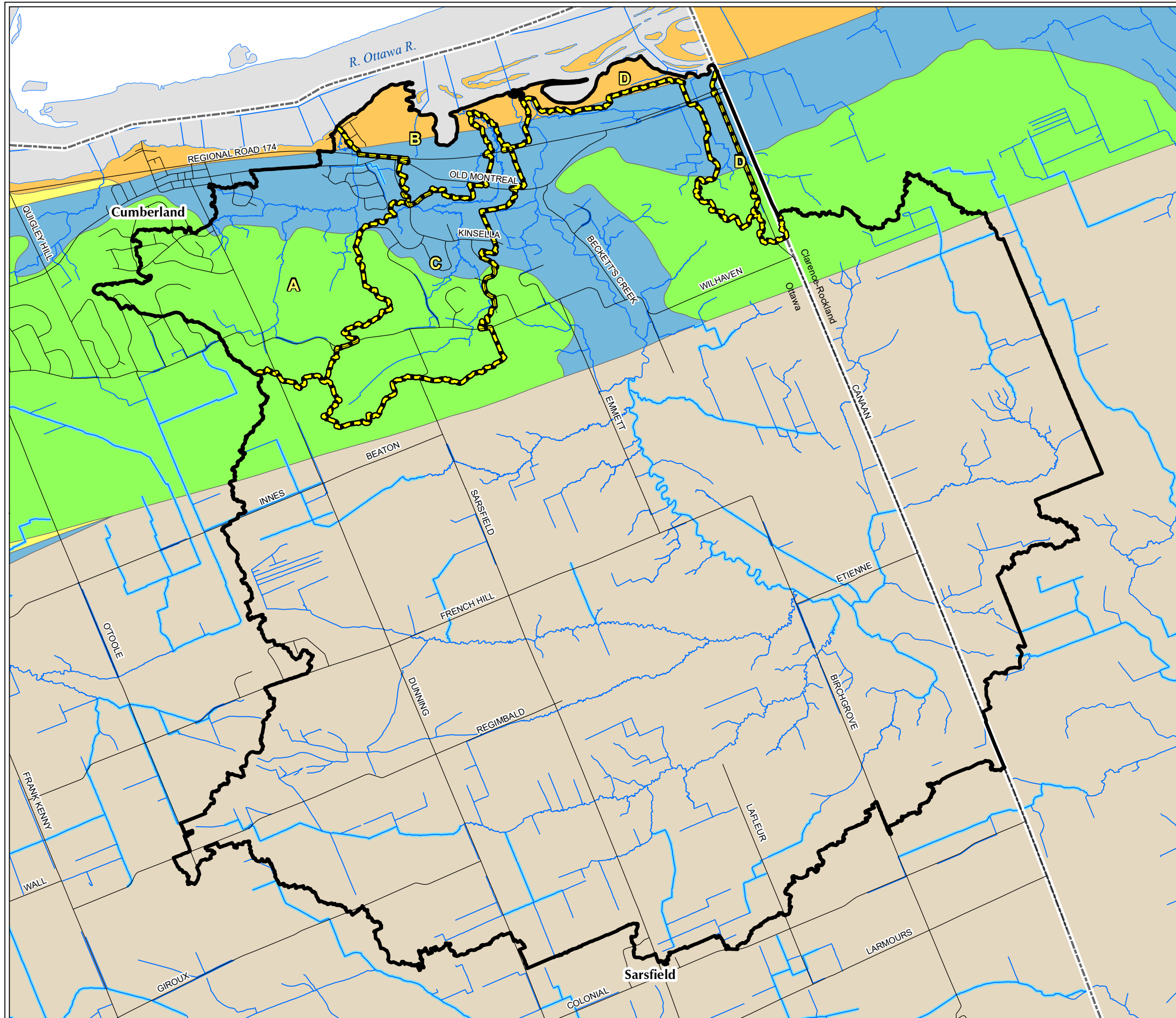
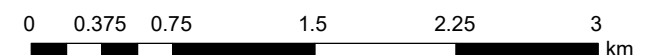
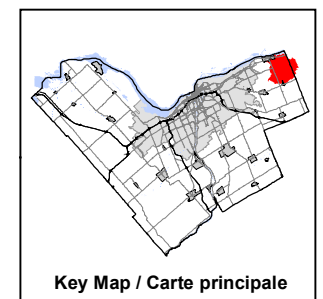
Géologie du substratum rocheux
(Commission géologique de l'Ontario)

-  Beckett's Creek Subwatershed Study Area / Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary / Limite municipale
-  Watercourse / Cours d'eau
-  Catchment Area Boundary / Limite du l'aire de captage

BEDROCK GEOLOGY / GÉOLOGIE DU SUBSTRATUM ROCHEUX

*Note: Source – Armstrong, D.K. and Dodge, J.E.P. 2007. Paleozoic geology of southern Ontario; Ontario Geological Survey
*Nota : Source – Armstrong, D.K. and Dodge, J.E.P. 2007. Géologie Paleozoic du Sud de l'Ontario, Commission géologique de l'Ontario, 2010

-  Oxford Formation / Formation d'Oxford
-  Gull River Formation / Formation de Rivière Gull
-  Bobcaygeon Formation / Formation de Bobcaygeon
-  Lindsay Formation / Formation de Lindsay



ÉTUDE DE SOUS-BASSIN HYDROGRAPHIQUE

Beckett's Creek

SUBWATERSHED STUDY

Karst Geology
(Ontario Geological Survey)

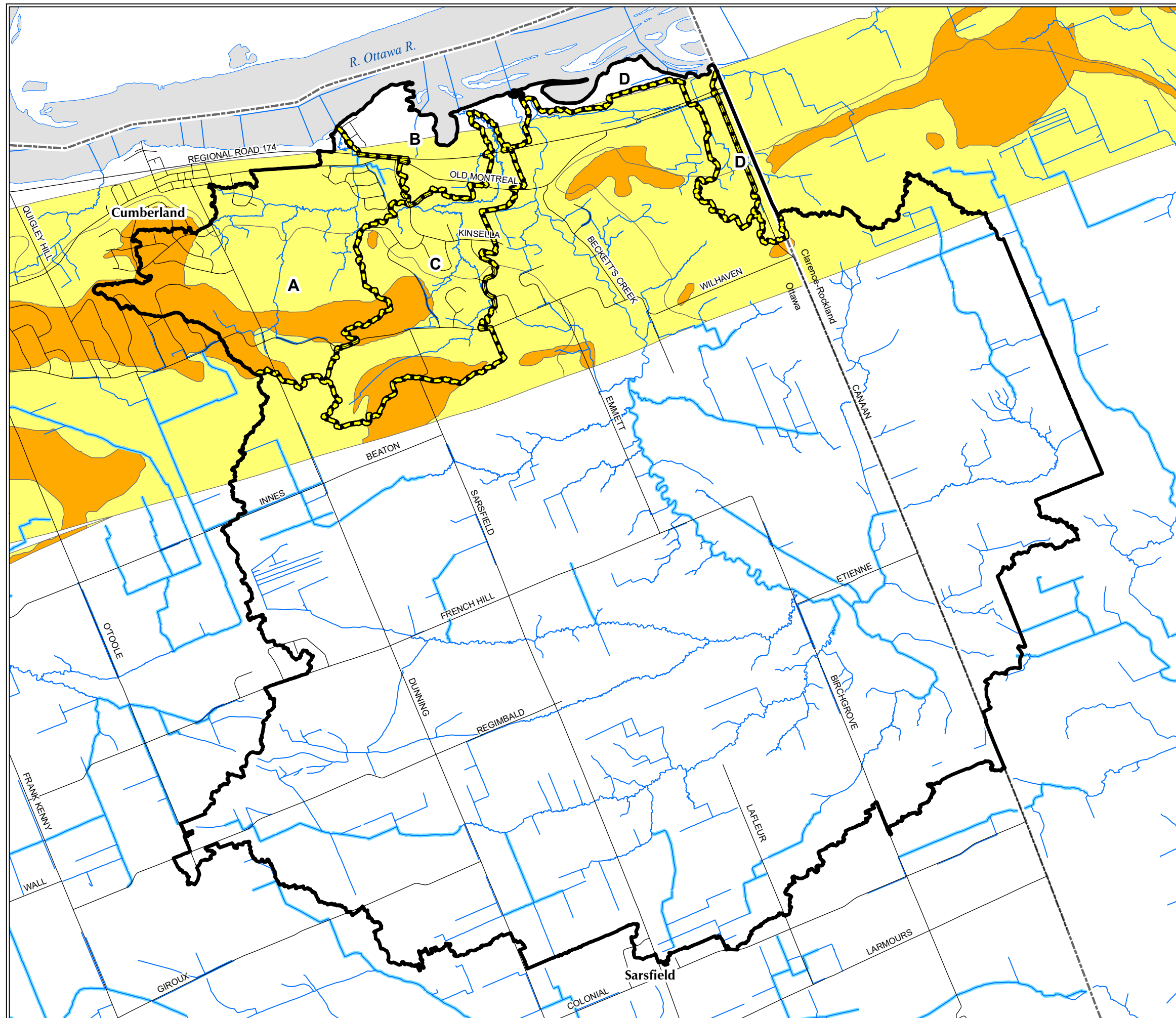
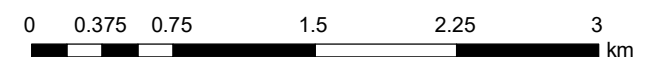
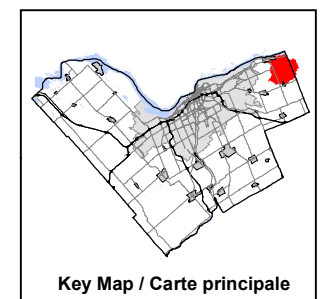
Géologie karstique
(Commission géologique de l'Ontario)

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Catchment Area Boundary /
Limite du l'aire de captage

KARST GEOLOGY / GÉOLOGIE KARSTIQUE

*Note: Source – Karst of Southern Ontario and Manitoulin Island, Ontario Geological Survey, 2008.
*Nota : Source – Géologie karstique du Sud de l'Ontario et Île Manitoulin, Commission géologique de l'Ontario, 2008

-  Inferred areas of Karst / Zones inférées du Karst
-  Potential areas of Karst / Zones potentielles du Karst



ÉTUDE DE SOUS-BASSIN HYDROGRAPHIQUE

Beckett's Creek

SUBWATERSHED STUDY

Surficial Geology
(Ontario Geological Survey)

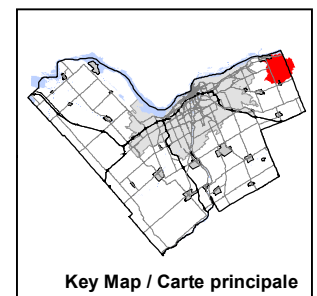
Géologie de surface
(Commission géologique de l'Ontario)

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Catchment Area Boundary /
Limite de l'aire de captage
-  Vars-Winchester Esker /
Esker Vars-Winchester

SURFICIAL GEOLOGY / GÉOLOGIE DE SURFACE

*Note: Source – Surficial Geology of Southern Ontario, Ontario Geological Survey, 2010
*Nota : Source – Géologie superficielle du Sud de l'Ontario, Commission géologique de l'Ontario, 2010

-  1, 3 Bedrock /
Socle
-  5b Till, plain /
Till, plaine
-  7 Glaciofluvial deposits /
Matériaux fluvioglaciaires
-  10a Offshore Marine Deposits /
Dépôts marins en mer
-  11a,b,c Nearshore Marine Deposits /
Dépôts marins littoraux
-  12, 19 Alluvial deposits /
Gîtes alluvionnaires
-  18 Colluvial Deposits /
Dépôts Colluvial
-  20 Organic Deposits /
Dépôts organiques

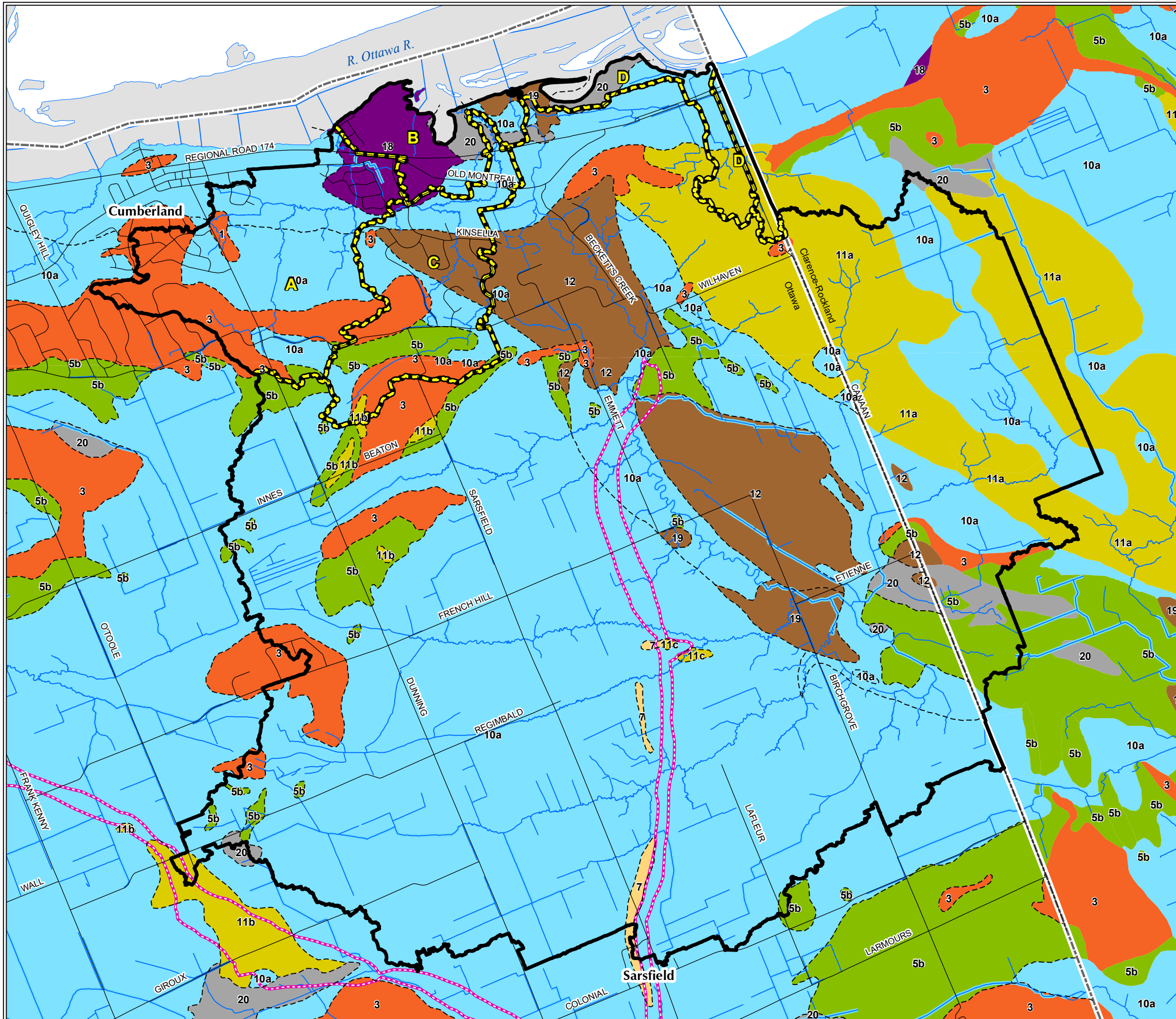


Key Map / Carte principale

0 0.375 0.75 1.5 2.25 3 km



12 / 2021

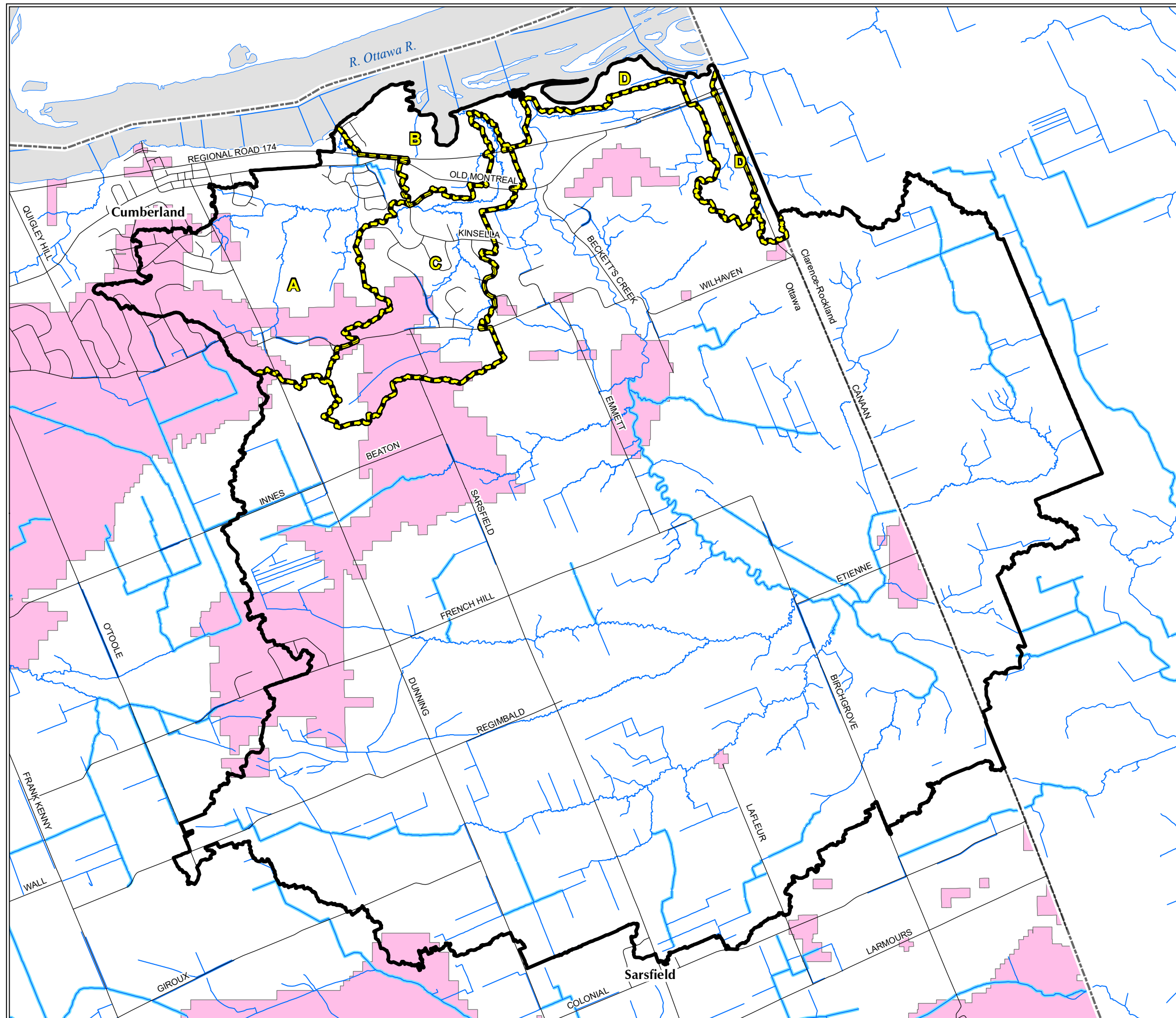
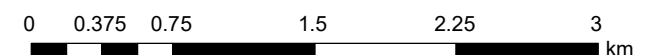
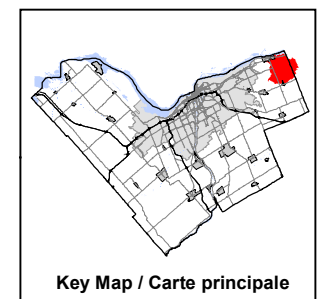


Beckett's Creek

SUBWATERSHED STUDY

Thin Soils / Sols de faible profondeur

-  Beckett's Creek Subwatershed Study Area / Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary / Limite municipale
-  Watercourse / Cours d'eau
-  Catchment Area Boundary / Limite de l'aire de captage
-  Thin Soils / Sols de faible profondeur

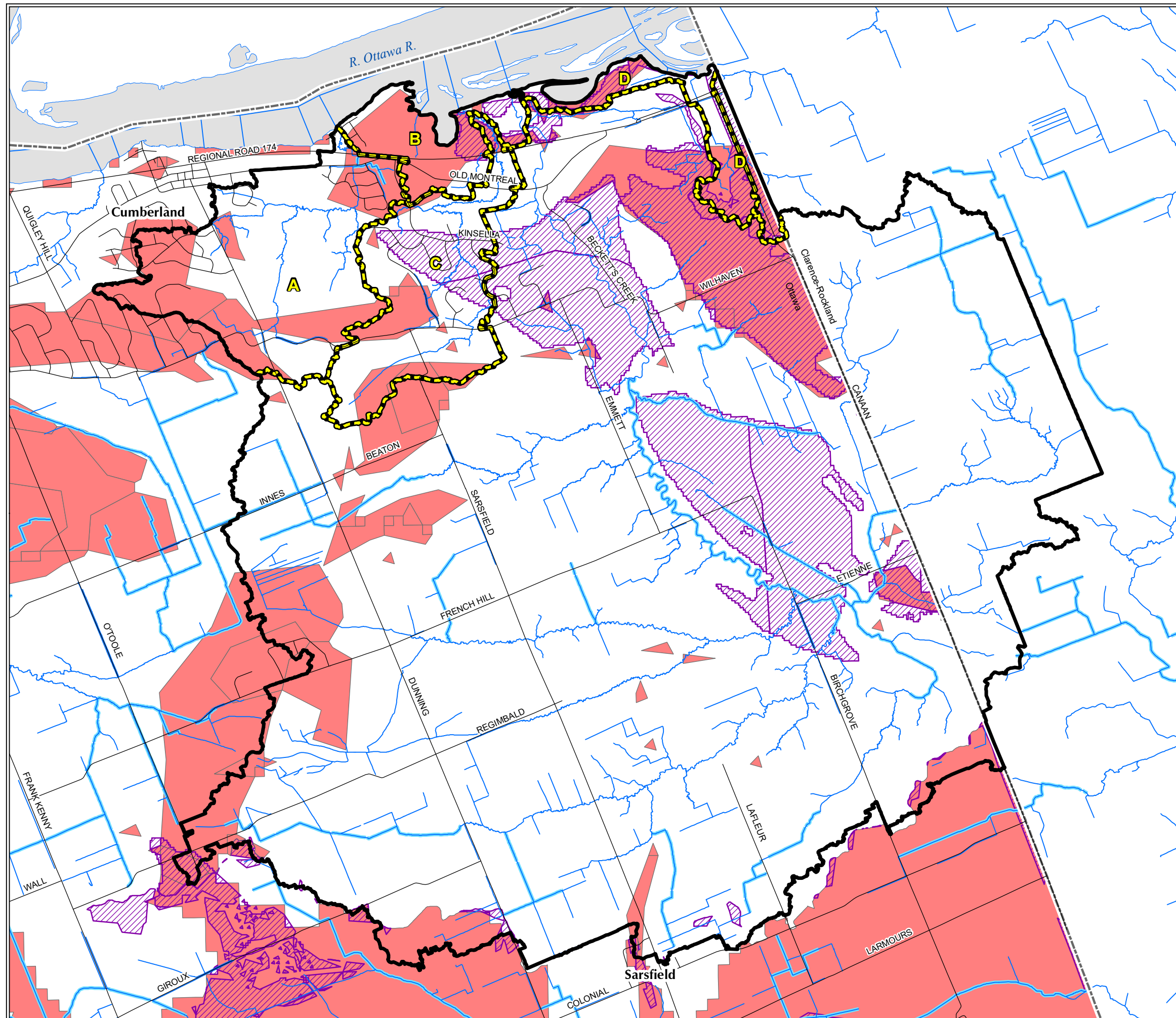
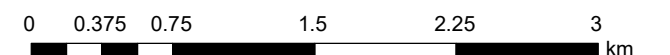
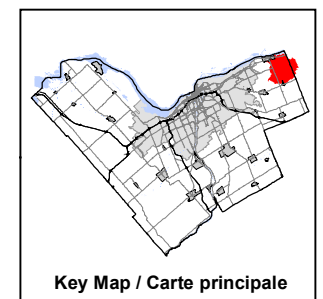


Beckett's Creek

SUBWATERSHED STUDY

Highly Vulnerable Aquifers and Significant Groundwater Recharge Areas / Aquifères hautement vulnérable et Zone importante de recharge des eaux souterraines

-  Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's
-  Municipal Boundary /
Limite municipale
-  Watercourse /
Cours d'eau
-  Catchment Area Boundary /
Limite du l'aire de captage
-  Mississippi-Rideau and Raisin-South Nation Source Protection Region
- Highly Vulnerable Aquifers /
Région Protection des sources de Mississippi-Rideau et Paisin-Nation Sud
- Aquifères hautement vulnérable
-  Mississippi-Rideau and Raisin-South Nation Source Protection Region
- Significant Groundwater Recharge Areas /
Région Protection des sources de Mississippi-Rideau et Paisin-Nation Sud
- Zone importante de recharge des eaux souterraines



Beckett's Creek

SUBWATERSHED STUDY

Natural Heritage Features and System / Caractéristiques et système du patrimoine naturel

 Beckett's Creek Subwatershed Study Area /
Zone d'étude de sous-bassin hydrographique du ruisseau Beckett's

 Villages /
Villages

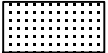
 Municipal Boundary /
Limite municipale

 Watercourses /
Cours d'eau

 Catchment Area Boundary /
Limite de l'aire de captage

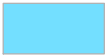
OVERLAYS / AFFECTATIONS SUPPLÉMENTAIRES

 Natural Heritage System Core Area /
Secteur central du système du patrimoine naturel

 Natural Heritage System Linkage Area /
Secteur de liaison du système du patrimoine naturel

NATURAL HERITAGE FEATURES / CARACTÉRISTIQUES DU PATRIMOINE NATUREL

 Significant Woodlands /
Terrain boisé d'importance

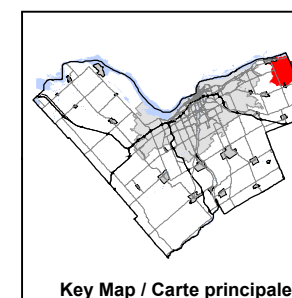
 Significant Wetlands /
Terres humides d'importance

 Significant Valleylands /
Vallées d'importance

 Earth Science ANSI / Éléments topographiques ZINS
Vars-Winchester Esker / Esker Vars-Winchester

SUB-DESIGNATION / SOUS-AFFECTATION

 Conservation Area /
Zone de conservation





0 0.375 0.75 1.5 2.25 3 km