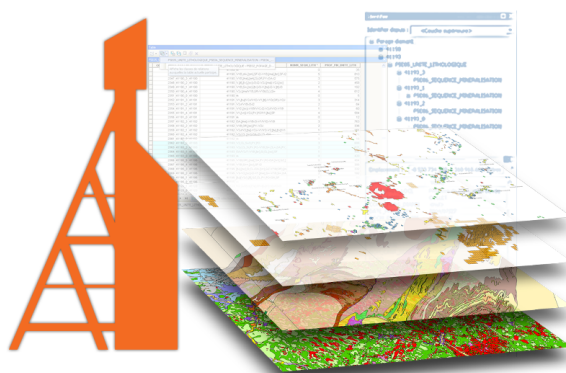




Aggregates deposits

Data model and domain value

Version 1.0
June 13, 2018

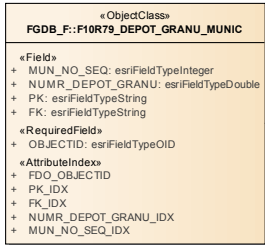
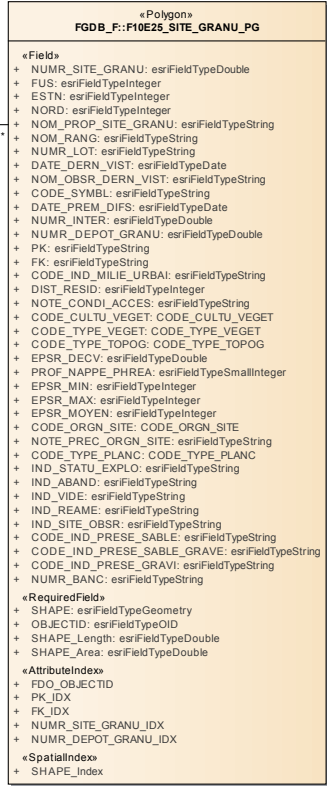
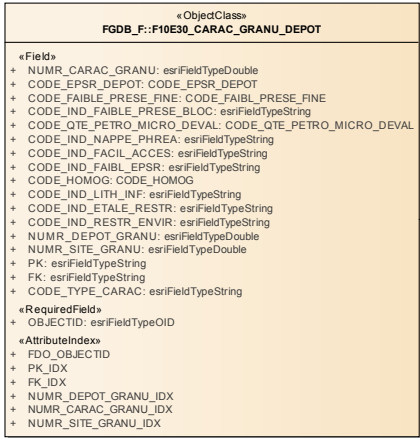
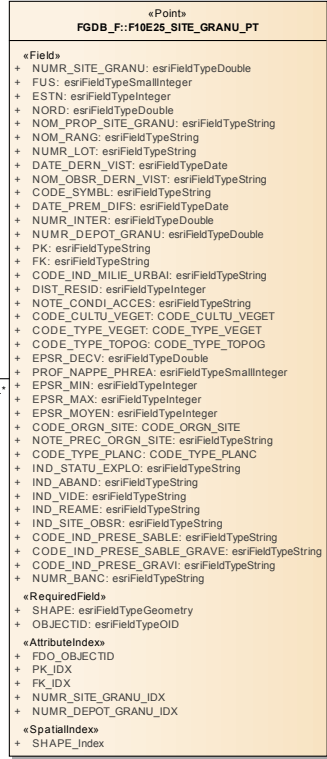
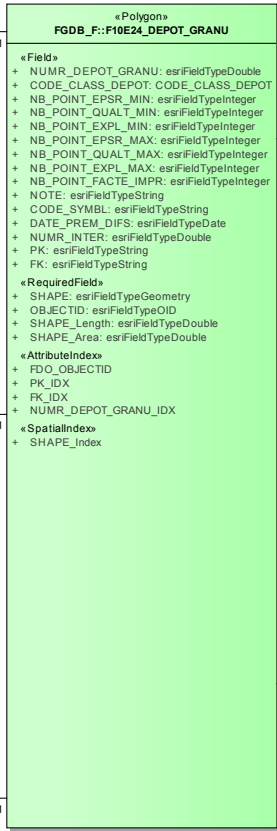
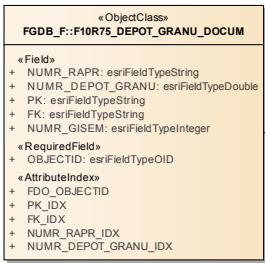
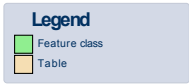


Direction de l'information géologique du Québec
Ministère de l'Énergie et des Ressources naturelles

Contact: service.mines.gouv.qc.ca

Data model - Aggregates deposits

This entity represents the aggregate deposits identified in Quebec. An aggregates deposit is a geographic area in which there is a significant quantity of aggregates: sand, gravel, stone, etc. The geographic boundaries of an aggregates deposit are defined using a mapping tool. A deposit is classified according to its potential (1, 2 or 3). This potential is evaluated using criteria such as, workability and deposit thickness and by the aggregate quality it contains. An aggregate site is associated with a deposit. Measurements taken in this site help to assess the potential of the deposit. Deposits are grouped by aggregate resources area. This association is generally related to the NTS map scale 1: 50 000 in which the deposit appears. Usually, 1 inventory map covers 1 NTS map.



F10E24_F10R75

F10E24_F10E25_PT

F10E24_F10E30

F10E24_F10E25_PG

F10E24_F10R79

0..*

1

1

0..*

0..*

1

1

«Domain value - F10E24_DEPOT_GRANU»

Champ: CODE_CLASS_DEPOT

◆ 1 = Class 1 - High potential

◆ 2 = Class 2 - Good potential

◆ 3 = Class 3 - Average potential to weak

«Domain value - F10E25_SITE_GRANU_PT»

Champ: **CODE_CULTU_VEGET**

◆ A = Other

◆ B = Wooded

◆ C = Cultivated

◆ NB = Not wooded

«Domain value - F10E25_SITE_GRANU_PT»

Champ: CODE_ORGN_SITE

◆ A = Other

◆ D = Deltaic

◆ E = Eolian

◆ F = Alluvial

◆ FG = Glaciofluvial

◆ G = Glacial (till)

◆ L = Lacustrine

◆ M = Marine

«Domain value - F10E25_SITE_GRANU_PT»

Champ: CODE_TYPE_PLANC

◆ A = Argile

◆ AG = Argile-Gravier

◆ AR = Argile-Roc

◆ AS = Argile-Sable

◆ AT = Argile-Till

◆ G = Gravier

◆ GR = Gravier-Roc

◆ GS = Gravier-Sable

◆ GT = Gravier-Till

◆ R = Roc

◆ RS = Roc-Sable

◆ RT = Roc-Till

◆ S = Sable

◆ ST = Sable-Till

◆ T = Till

«Domain value - F10E25_SITE_GRANU_PT»

Champ: **CODE_TYPE_TOPOG**

◆ EG = Étage bosselé

«Domain value - F10E25_SITE_GRANU_PT»

Champ: CODE_TYPE_VEGET

◆ C = Coniferous

◆ F = Hardwood

◆ M = Mixed

«Domain value - F10E25_SITE_GRANU_PG»

Champ: CODE_CULTU_VEGET

◆ A = Other

◆ B = Wooded

◆ C = Cultivated

◆ NB = Not wooded

«Domain value - F10E25_SITE_GRANU_PG»

Champ: CODE_ORGN_SITE

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◆ D = Deltaic

◆ E = Eolian

◆ F = Alluvial

◆ FG = Glaciofluvial

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◆ ST = Sable-Till

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«Domain value - F10E25_SITE_GRANU_PG»

Champ: **CODE_TYPE_TOPOG**

◆ EG = Étage bosselé

«Domain value - F10E25_SITE_GRANU_PG»

Champ: CODE_TYPE_VEGET

◆ C = Coniferous

◆ F = Hardwood

◆ M = Mixed

«Domain value - F10E30_CARAC_GRANU_DEPOT»

Champ: CODE_EPSR_DEPOT

- ◆ 0 = Less than 3 meters
- ◆ 2 = Between 2 and 4 meters
- ◆ 3 = Between 3 and 5 meters
- ◆ 4 = Between 4 and 6 meters
- ◆ 5 = Between 5 and 8 meters
- ◆ 6 = Between 6 and 9 meters
- ◆ 7 = More than 8 meters

«Domain value - F10E30_CARAC_GRANU_DEPOT»

Champ: **CODE_FAIBL_PRESE_FINE**

◆ 3 = 3 points - Présence de fine par endroits

◆ 5 = 5 points - Présence de fine moins de 10%

«Domain value - F10E30_CARAC_GRANU_DEPOT»

Champ: **CODE_HOMOG**

◆ 0 = 0 point - Complètement hétérogène

«Domain value - F10E30_CARAC_GRANU_DEPOT»

Champ: CODE_QTE_PETRO_MICRO_DEVAL

◆ 0 = 200 et plus/30% et plus/50 et plus

◆ 2 = 155 à 200/20 à 30%/de 45 à 50

◆ 4 = 135 à 155/15 à 20%/de 35 à 45

◆ 6 = Moins de 135/moins de 15%/moins de 35