SIGÉOM

Prospective zones

Data model and domain value

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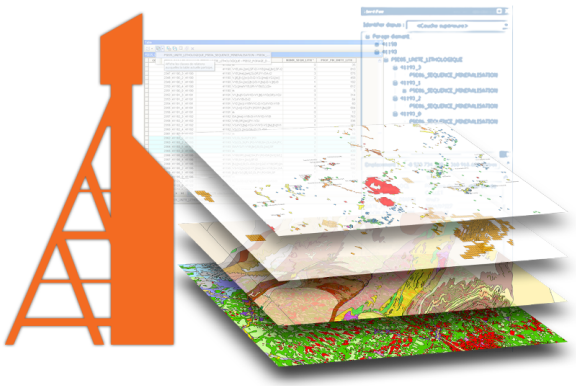

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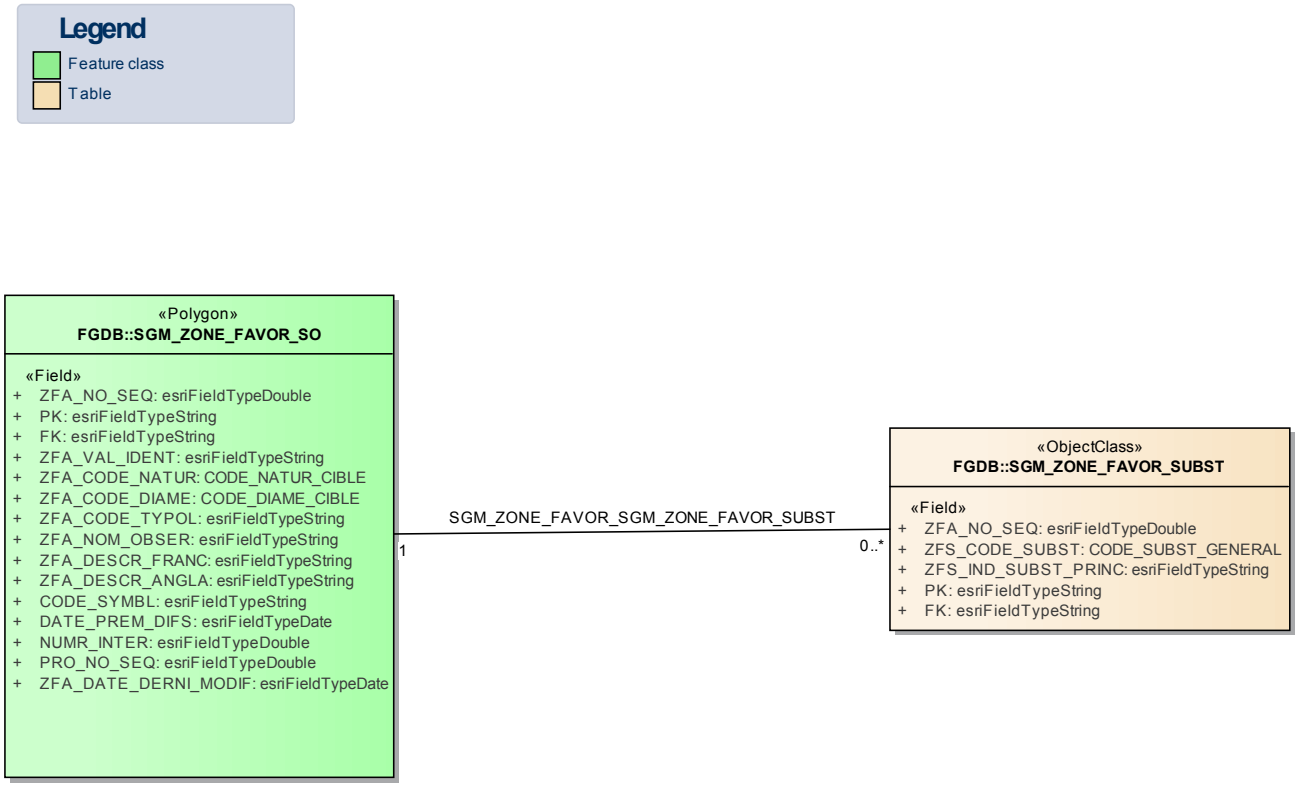
Québec

Data model - Prospective zones

Prospective zones are areas of interest for mineral exploration defined by geologists based on various criteria during mapping and geological compilation projects.



«Domain value - SGM_ZONE_FAVOR_SO»

Field name: CODE_DIAME_CIBLE

- LOC = Locale
- PON = Ponctuelle
- REG = Régionale

«Domain value - SGM_ZONE_FAVOR_SO»

Field name: CODE_NATUR_CIBLE

- AFFLEUR = Outcrop
- ALTERATION = Evidence for alteration
- CHAPEAU_FE = Gossan
- DEFORMATIO = Evidence of deformation
- ECHN_ROCHE = Rock sample
- FORAGE = Drilling
- KEATING = Keating
- LITHOLOGIE = Lithology
- MINERAL = mineral/mineralisation
- MIN_INDUST = Industrial mineral
- PIERR_ARCH = Architectural stone
- SED_ESKER = Esker sediments
- SED_LAC = Lakebottom sediments
- SED_RUISS = Stream sediments
- SED_SOL = Soil sediments
- SED_TILL = Till sediments
- SPECTROM = Spectrometry
- SULFURES = Sulfures
- TERRE_RARE = Rare earth
- ZHF = Zone of high favorability

«Domain value - SGM_ZONE_FAVOR_SO»

Field name: CODE_TYPL

- 100 = Placer uranium, gold
- 1000 = Pb-Zn deposits (Mississipi Valley type)
- 110 = Paleoplacer uranium, gold
- 1100 = Ultramafic-hosted asbestos
- 111 = U-Au pyritic quartz pebble congl. and quartzites
- 112 = Auriferous hematitic conglom. and sandstones
- 120 = Placer gold, platinum
- 1200 = Volcanic-associated uranium
- 130 = Black sand
- 1300 = Vein uranium
- 1310 = Vein uranium
- 1320 = Vein uranium
- 1400 = Arsenide vein silver, uranium
- 1410 = Arsenide silver-cobalt veins
- 1420 = Arsenide vein uranium-silver
- 1500 = Lode gold
- 1510 = Epithermal gold deposits
- 1511 = Acid-type epithermal auriferous deposits
- 1512 = Neutral-type epithermal auriferous deposits
- 1513 = Submarine epithermal gold deposits

- 1514 = Carlin-type deposit
- 1520 = Orogenic auriferous veins
- 1521 = Orogenic auriferous veins with QZ-CB matrix
- 1530 = Auriferous deposits in iron-bearing formations
- 1540 = Disseminated and replacement gold deposits
- 1600 = Silver-Lead-Zinc veins
- 1610 = Silver-Lead-Zinc veins
- 1700 = Veins copper
- 1800 = Vein-stockwork tin, tungsten
- 1900 = Deposits associated with porphyry intrusions
- 1910 = Cu-Au-Mo deposits ass. with porphyry intrusions
- 1920 = Alkaline porphyry copper, gold
- 1930 = Copper porphyries
- 1940 = Mo-W deposits assoc. with porphyry intrusions
- 1950 = Tin granites
- 200 = Stratiform phosphate (phosphorite) deposits
- 2000 = Skarn and manto deposits
- 2010 = Skarn Zinc-lead-silver
- 2020 = Skarn copper
- 2021 = Cu skarns not assoc. with porphyry Cu deposits
- 2022 = Cu skarns assoc. with porphyry Cu deposits
- 2030 = Skarn gold

- 2040 = Skarn iron
- 2041 = Skarn iron-Contact metasomatic
- 2042 = Skarn iron-Stratiform in metamorphic terrane
- 2050 = Skarn tungsten
- 2060 = Zinc-lead-silver mantos
- 2070 = Cupriferous mantos
- 2100 = Granitic pegmatites
- 2200 = Kiruna/olympic dam-type Fe-Cu-U-Au-Ag
- 2210 = ±Au ±Cu ±U deposits associated with albitization
- 2300 = Hyperalkaline rock-associated rare metals
- 2400 = Carbonatite-associated deposits
- 2500 = Primary diamond deposits
- 2510 = Kimberlite-hosted diamond
- 2520 = Lamproite-hosted diamond
- 2600 = Iron and Titanium deposits in mafic intrusions
- 2610 = Iron and Titanium deposits in anorthosites
- 2620 = lron and Titanium deposits in gabbros and anorthos
- 2700 = Magmatic or hydrothermal Ni-Cu-PGE
- 2710 = Magmatic Ni-Cu
- 2711 = Magmatic Ni-Cu associated with astroblemes
- 2712 = Magmatic Ni-Cu assocaited with rifts & contin.bslt
- 2713 = Magmatic Ni-Cu associated with komatites
- 2714 = Magmatic Ni-Cu assoc. anorthosistes-troct.

- 2715 = Magmatic Ni-Cu assoc. ultra-mafic intrusions
- 2715a = Magmatic Ni-Cu assoc. ultra-maf. intr.(aphyr)
- 2715b = Magmatic Ni-Cu assoc. ultra-maf. intr.(glomero)
- 2716 = Magmatic Ni-Cu assoc. basalts
- 2720 = Magmatic PGE
- 2721 = Magmatic SF EGP, stratiform (reef), stratoid
- 2722 = Magmatic SF EGP, alloys, arsen. unstrat.
- 2723 = Magmatic PGE chromite, stratiform
- 2724 = Magmatic PGE chromite associated with ophiolites
- 2730 = Hydrothermal Ni-Cu
- 2731 = Hydrothermal Ni-Cu associated with komatites
- 2732 = Hydrothermal Ni-Cu assoc. ultra-mafic intrusions
- 2733 = Hydrothermal Ni-Cu assoc. anorthosistes-troct.
- 2734 = Hydrothermal Ni-Cu associated with ophiolites
- 2735 = Hydrothermal Ni-Cu associated with gneiss
- 2736 = Hydrothermal Ni-Cu associated with volcanic rocks
- 2737 = Hydrothermal Ni-Cu associated with sedim. rocks
- 2800 = Mafic/ultramafic-hosted chromite
- 2810 = Stratiform chromite deposits
- 2820 = Podiform chromite deposits
- 2900 = Magmatic apatite dep. in lay. maf. int.
- 300 = Ferriferous sedimentary rocks

- 310 = Lake Superior type iron formations
- 320 = Algoma type iron formations
- 330 = Ironstone
- 400 = Residually enriched deposits
- 410 = Enriched iron-formation
- 420 = Supergene basemetals and precious metals
- 421 = Supergene Z.dev.over massive sulphide dep.
- 422 = Oxid. z. dev. up. parts of vein, sh/f. & rep.dep.
- 423 = Supergene ox.&sulph. Zones formed over porphyry
- 430 = Residual carbonatite-associated deposits
- 500 = Evaporite
- 600 = Deposits of exhalative sulphides
- 610 = Sedimentary exhalative sulphides (Sedex)
- 620 = Ni (±Zn±PGE±Mo) sulfides in sed. rocks
- 630 = Volcanic-associated massive sulphide base metals
- 631 = Besshi-type VMS
- 632 = Cyprus-type VMS
- 633 = Kuroko-type VMS
- 634 = Mattabi-type VMS
- 635 = Noranda-type VMS
- 640 = Sulfides Au associated with volcanic rocks
- 641 = Massive Au sulfides associated with volcanic rocks

- 642 = Dissem. Au sulfides associated with volc. rock
- 643 = SF-QZ veins, Au synvolc. associated with volc.
- 700 = Unconformity - associated uranium
- 800 = Stratabound clastic-hosted U, Pb, Cu
- 810 = Uranium deposits in sedimentary rocks
- 811 = Uranium deposits in stoneware
- 812 = Uranium deposits in mudstones and siltites
- 813 = Uranium deposits in carbonates
- 820 = Sandstone lead
- 830 = Sediment-hosted stratiform copper
- 831 = Kupferschiefer
- 832 = Redbed-type Cu deposits
- 833 = Cu deposits in carbonates
- 900 = Volcanic redbed copper
- 9999 = Type of deposits indeterminate

«Domain value - SGM_ZONE_FAVOR_SUBST»

Field name: CODE_SUBST_GENERAL

- Ag = Silver (Ag)
- AI = Amazonite
- AP = Apatite
- As = Arsenic (As)
- Au = Gold (Au)
- AutreGM = Others (off list elements)
- AutreGNM = Others (off list elements)
- BC = Brucite
- Be = Beryllium (Be)
- BR = Barytine
- Co = Cobalt (Co)
- Cr = Chromium (Cr)
- CS = Chrysotile
- Cu = Copper (Cu)
- DD = Diamond
- DM = Dolomite
- DO = Diatomite
- EGP = Platinum-group elements (PGEs)
- ETR = Rare earth elements (REEs)
- Fe = Iron (Fe)

- FL = Fluorite
- FP = Feldspar
- GP = Graphite
- GR = Garnet
- HL = Halite
- KL = Kaolinite
- KN = Kyanite
- Li = Lithium (Li)
- MI = Mica
- MN = Magnesite
- Mn = Manganese (Mn)
- Mo = Molybdenum (Mo)
- Nb = Niobium (Nb)
- Ni = Nickel (Ni)
- NP = Nepheline
- OC = Ochre
- OV = Olivine
- PA = Architectural stone
- Pb = Lead (Pb)
- PC = Crushed stone
- PI = Industrial stone
- PL = Pyrophyllite

- PM = Pyrochlore
- QZ = Quartz
- Sb = Antimoine (Sb)
- SM = Sillimanite
- Ta = Tantalum (Ta)
- TC = Talc
- Th = Thorium (Th)
- Ti = Titanium (Ti)
- U = Uranium (U)
- V = Vanadium (V)
- W = Tungsten (W)
- WL = Wollastonite
- XG = Organic matter
- ZL = Zeolite
- Zn = Zinc (Zn)
- Zr = Zirconium (Zr)