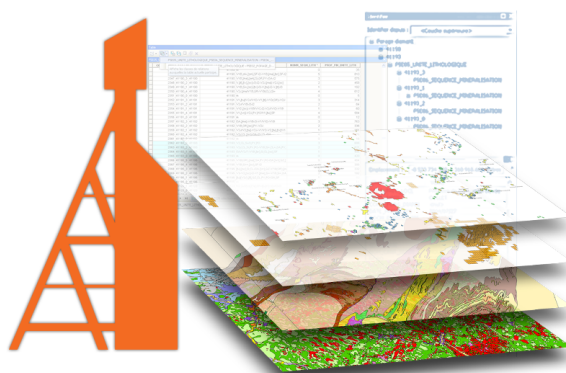


# SIGÉOM

## Rock sample

### Data model and domain value

Version 1.0  
June 13, 2018

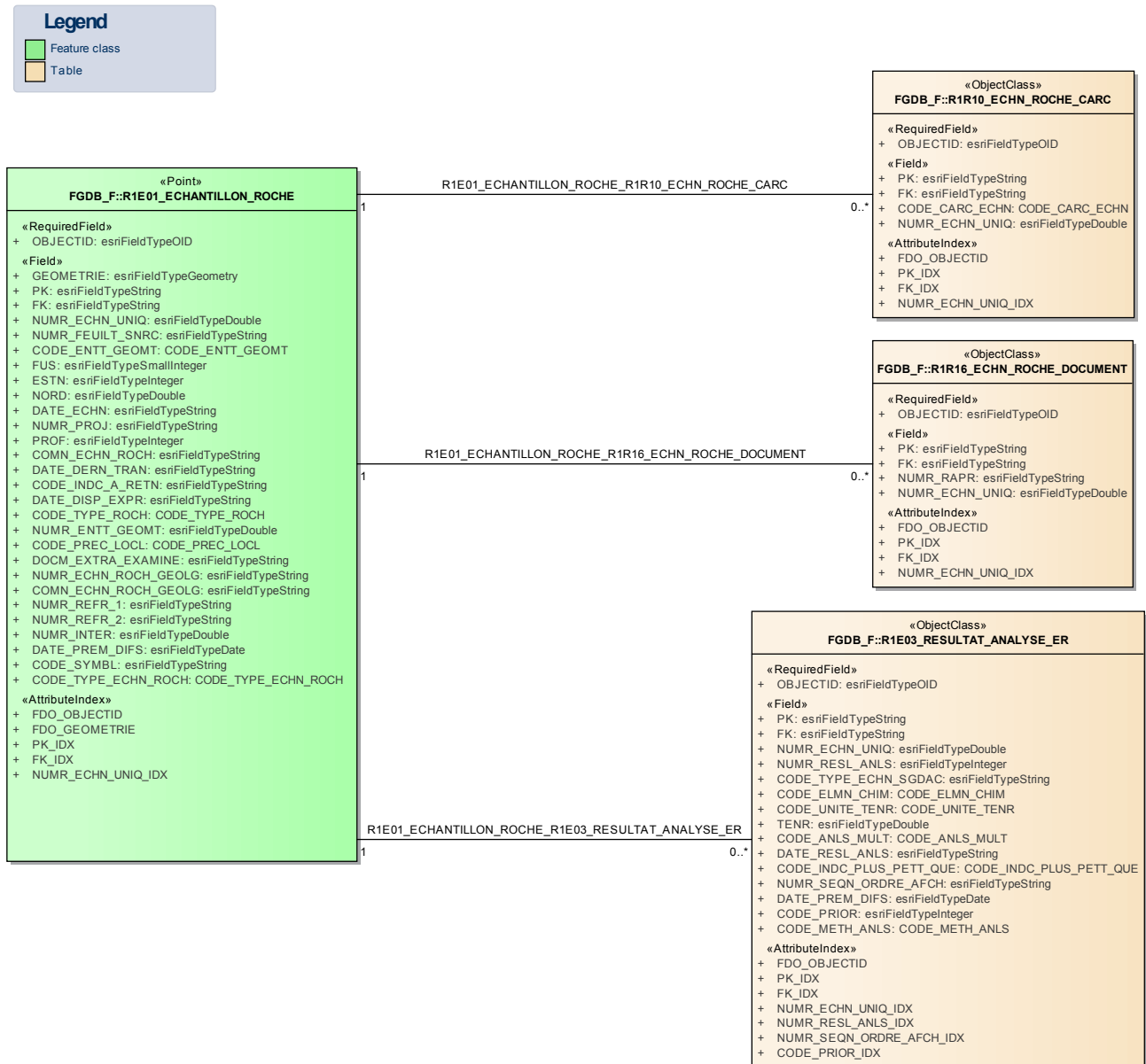


Direction de l'information géologique du Québec  
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## Data model - Rock sample

The rock samples designate the rock sampling on the site for the purpose of determining the content of various compounds and/or chemical elements.



## «Domain value - R1E01\_ECHANTILLON\_ROCHE»

Champ: **CODE\_ENTT\_GEOMT**

- ◆ AC = Compilation outcrop
- ◆ AG = Géofiche outcrop
- ◆ AN = Anomaly
- ◆ AT2QC = Atlas - All Québec
- ◆ BE = Erratic boulder
- ◆ BEQ = Erratic boulder
- ◆ BOL = Document
- ◆ CA = Outcrop outline
- ◆ CAM = Restrictions to mining
- ◆ CC = Colour map element
- ◆ CE = Exploration target
- ◆ CEPG = Exploration target polygon
- ◆ CEPT = Exploration target dot
- ◆ CGG = General geological contact
- ◆ CM = Mineralized body
- ◆ CO = Geological contact
- ◆ CQ = Contour
- ◆ CS = Ridge and furrow
- ◆ DA = Dating
- ◆ DC = Chronological data

- ◆ DE = Delta
- ◆ DG = Granular deposit
- ◆ DOC = Document
- ◆ DU = User data
- ◆ EF = Shape produced by melt-water
- ◆ EK = Esker
- ◆ EQ = Scarp
- ◆ ER = Rock sample
- ◆ ES = Sediment sample
- ◆ FD = Diamond drilling
- ◆ FG = General fault
- ◆ FM = Overburden drilling
- ◆ FQ = Glacial shape
- ◆ FR = Regional fault
- ◆ GE = Geochronology
- ◆ GM = Metallic deposit
- ◆ GME = Glacial erosional forms
- ◆ GNM = Non-metallic deposit
- ◆ HCL = Map framework & accessories location map
- ◆ HC1A1 = Map framework & accessories CG1 20k SW
- ◆ HC1A2 = Map framework & accessories CG1 20k SE
- ◆ HC1A3 = Map framework & accessories CG1 20k NW

- ◆ HC1A4 = Map framework & accessories CG1 20k NE
- ◆ HC1B = Map framework & accessories CG1 50k
- ◆ HC2A1 = Map framework & accessories CG2 20k SW
- ◆ HC2A2 = Map framework & accessories CG2 20k SE
- ◆ HC2A3 = Map framework & accessories CG2 20k NW
- ◆ HC2A4 = Map framework & accessories CG2 20k NE
- ◆ HC2B = Map framework & accessories CG2 50k
- ◆ HC3A1 = Map framework & accessories CG3 20k SW
- ◆ HC3A2 = Map framework & accessories CG3 20k SE
- ◆ HC3A3 = Map framework & accessories CG3 20k NW
- ◆ HC3A4 = Map framework & accessories CG3 20k NE
- ◆ HC3B = Map framework & accessories CG3 50k
- ◆ HC4A1 = Map framework & accessories CG4 20k SW
- ◆ HC4A2 = Map framework & accessories CG4 20k SE
- ◆ HC4A3 = Map framework & accessories CG4 20k NW
- ◆ HC4A4 = Map framework & accessories CG4 20k NE
- ◆ HC4B = Map framework & accessories CG4 50k
- ◆ HF = Map framework & accessories NTS map-sheet
- ◆ HGG1 = Map framework & accessories geology/gitology 50k
- ◆ HGRA1 = Map framework & access. geochemistry rock 20k SW
- ◆ HGRA2 = Map framework & access. geochemistry rock 20k SE
- ◆ HGRA3 = Map framework & access. geochemistry rock 20k NW
- ◆ HGRA4 = Map framework & access. geochemistry rock 20k NE

- ◆ HGRB = Map framework & accessories rock geochemistry 50k
- ◆ HGS = Map framework & access. sediment geochemistry 50k
- ◆ HG21 = Map framework & access. geology/petrology 250k
- ◆ HI1B = Map framework + accessories PI1 50k
- ◆ HI1C = Map framework + accessories PI1 250k
- ◆ HPICA = Map framework & accessories Picot 250K
- ◆ HPICB = Map framework & accessories Picot 50K
- ◆ HPOMA = Map framework & accessories mineral potential 250k
- ◆ HP1A1 = Map framework & accessories INPUT 20K SW
- ◆ HP1A2 = Map framework & accessories INPUT 20K SE
- ◆ HP1A3 = Map framework & accessories INPUT 20K NW
- ◆ HP1A4 = Map framework & accessories INPUT 20K NE
- ◆ HP1B = Map framework & accessories INPUT 50K
- ◆ HP1C = Map framework & accessories INPUT 250K
- ◆ HP2A1 = Map framework & accessories EM 20k SW
- ◆ HP2A2 = Map framework & accessories EM 20k SE
- ◆ HP2A3 = Map framework & accessories EM 20k NW
- ◆ HP2A4 = Map framework & accessories EM 20k NE
- ◆ HP2B = Map framework & accessories EM 50k
- ◆ HP2C = Map framework & accessories EM 250k
- ◆ HP3A1 = Map framework & accessories MAG 20K SW
- ◆ HP3A2 = Map framework & accessories MAG 20K SE

- ◆ HP3A3 = Map framework & access. MAG 20K NW
- ◆ HP3A4 = Map framework & access. MAG 20K NE
- ◆ HP3B = Map framework & accessories MAG 50K
- ◆ HP3C = Map framework & accessories MAG 250K
- ◆ HP4A1 = Map framework & access. magnetic gradient 20k SW
- ◆ HP4A2 = Map framework & access. magnetic gradient 20k SE
- ◆ HP4A3 = Map framework & access. magnetic gradient 20k NW
- ◆ HP4A4 = Map framework & access. magnetic gradient 20k NE
- ◆ HP4B = Map framework & access. magnetic gradient 50k
- ◆ HP4C = Map framework & access. magnetic gradient 250k
- ◆ HQ1A1 = Map framework + accessories GQ1 20k SW
- ◆ HQ1A2 = Map framework + accessories GQ1 20k SE
- ◆ HQ1A3 = Map framework + accessories GQ1 20k NW
- ◆ HQ1A4 = Map framework + accessories GQ1 20k NE
- ◆ HQ1B = Map framework + accessories GQ1 50k
- ◆ HRC = Map framework & accessories conductivity
- ◆ HRG = Map framework & access. magnetic field gradient
- ◆ HRM = Map framework & accessories magnetic field
- ◆ HT1A1 = Map framework + accessories TG1 20k SW
- ◆ HT1A2 = Map framework + accessories TG1 20k SE
- ◆ HT1A3 = Map framework + accessories TG1 20k NW
- ◆ HT1A4 = Map framework + accessories TG1 20k NE

◆ HT1B = Map framework + accessories TG1 50k

◆ HY = Hydrography

◆ IG = Isograd

◆ IM = Mining installation

◆ IR = Raster image

◆ ISV = Isoline

◆ LA = Old geomining survey

◆ LG = Geomining survey

◆ LI = Lineament

◆ LZ = Pseudo-boundary of the geological zone

◆ MA = Atlas

◆ MDS = Surficial landform

◆ MDSLGL = Surficial landform line

◆ MDSPG = Surficial landform polygon

◆ MDSPT = Surficial landform dot

◆ MEG = Erosion glaciaire mark

◆ MP = Mines and projects

◆ OR = Orography

◆ PEM = Mining property

◆ PI = Construction materials and industrial stone

◆ PIC = Picot symbol

◆ PL = Local geophysics

◆ PLA = Placer



- ◆ PM = Planimetric
- ◆ PO = Granular observation
- ◆ POM = Mineral potential
- ◆ PP = Paleogeographic position
- ◆ PR = Regional fold
- ◆ PRG = General fold
- ◆ PRO = Field project
- ◆ PU = Hydrogeology puit
- ◆ RC = Conductivity
- ◆ RG = Magnetic field vertical gradient
- ◆ RM = Magnetic field
- ◆ SG = Glacial striation
- ◆ SGE = Outstanding geological sites
- ◆ SGEO = Geological subdivision
- ◆ SGRPG = Granular site Polygon
- ◆ SGRPT = Granular site Dot
- ◆ SLIN = Linear structure folds
- ◆ SNRC = Layer SNRC
- ◆ SO = Peat observation point
- ◆ SOQ = Quaternary observation site
- ◆ SP = Paleontological site
- ◆ SPLA = Planar structure

- ◆ SS = Stratigraphic site
- ◆ TM = Mineral titles
- ◆ TMD = Mining Title on demand
- ◆ TOPO = Topology
- ◆ TRB = Peat bog
- ◆ TSLG = Count suppression LG
- ◆ TSPG = Count suppression Polygon
- ◆ TSPT = Count suppression Dot
- ◆ XX = ""Fake"" code"
- ◆ ZA = Outcrop area
- ◆ ZD = Scuffed zone
- ◆ ZF = Favorable area
- ◆ ZG = Geological zone
- ◆ ZGG = General geological zone
- ◆ ZGP = Geological zone centroid
- ◆ ZGPT = Geo zone dot
- ◆ ZL = Alteration zone
- ◆ ZLG = Zone LG
- ◆ ZM = Mineralized zone
- ◆ ZMS = Morpho-sedimentological zone
- ◆ ZQ = Morphosedimentological zone
- ◆ ZQP = Morphosedimentological zone centroid

 ZS = Sensitive area

«Domain value - R1E01\_ECHANTILLON\_ROCHE»

Champ: CODE\_PREC\_LOCL

0 = Indeterminate precision of location

1 = Low precision of location

2 = Medium precision of location

3 = High precision of location

«Domain value - R1E01\_ECHANTILLON\_ROCHE»

Champ: CODE\_TYPE\_ECHN\_ROCH

◆ B = Bibliography

◆ H = History

◆ T = Field

## «Domain value - R1E01\_ECHANTILLON\_ROCHE»

### Champ: CODE\_TYPE\_ROCH

- ◆ A = Weathered rocks
- ◆ A1 = Paleosol
- ◆ A2 = Regolith/paleoregolith
- ◆ A2A = Laterite
- ◆ A2A1 = Bauxite
- ◆ A2A2 = Manganiferrous laterite
- ◆ A2A3 = Ferriferrous laterite
- ◆ A2A4 = Nickeliferrous laterite
- ◆ A2B = Saprolite
- ◆ A3 = Iron cap
- ◆ A4 = "Rugged surface (""duricrust"")"
- ◆ A4A = Rugged carbonatized surface
- ◆ A4A1 = Calcrete (caliche)
- ◆ A4A2 = Dolocrete
- ◆ A4A3 = Tuf/travertin
- ◆ A4A4 = Karst
- ◆ A4B = Rugged sulphate/sulphide surface
- ◆ A4B1 = Gypcrete
- ◆ A4C = Rugged siliceous surface
- ◆ A4C1 = Silcrete

- ◆ A4D = Rugged oxidized surface
- ◆ A4D1 = Ferricrete
- ◆ A4D2 = Manganocrete
- ◆ F = Sulfide-rich rocks
- ◆ F1 = Massif sulfides
- ◆ F2 = Semi-massive sulphides
- ◆ I = Igneous rock
- ◆ I1 = Felsic intrusive rocks
- ◆ I1A = Alkali feldspar granite
- ◆ I1B = Granite
- ◆ I1C = Granodiorite
- ◆ I1D = Tonalite
- ◆ I1E = Trondhjemite (MF < 10 %)
- ◆ I1G = Pegmatite
- ◆ I1H = Granophyre
- ◆ I1I = Quartz-rich granitoid
- ◆ I1J = Quartzolite (silexite)
- ◆ I1K = Alaskite (MF < 10 %)
- ◆ I1L = Syenogranite
- ◆ I1M = Monzogranite
- ◆ I1N = Quartz vein
- ◆ I1O = Alkali feldspar granite with hypersthene

- ◆ I1P = Hypersthene granite (charnockite)
- ◆ I1Q = Hypersthene syenogranite
- ◆ I1R = Hypersthene Monzogranite (farsundite)
- ◆ I1S = Hypersthene granodiorite
- ◆ I1T = Hypersthene tonalite (enderbite)
- ◆ I2 = Intermediate intrusive rocks
- ◆ I2A = Quartz alkali feldspar syenite
- ◆ I2B = Alkali feldspar syenite
- ◆ I2BR = Foid-bearing alkali feldspar syenite
- ◆ I2C = Quartz syenite
- ◆ I2D = Syenite
- ◆ I2DF = Foid syenite
- ◆ I2DR = Foid-bearing syenite
- ◆ I2E = Quartz monzonite
- ◆ I2F = Monzonite
- ◆ I2FR = Foid-bearing monzonite
- ◆ I2G = Quartz monzodiorite
- ◆ I2H = Monzodiorite
- ◆ I2HF = Foid monzodiorite
- ◆ I2HR = Foid-bearing monzodiorite
- ◆ I2I = Quartz diorite
- ◆ I2J = Diorite
- ◆ I2JF = Foid diorite



- ◆ I2JR = Foid-bearing diorite
- ◆ I2K = Monzosyenite
- ◆ I2KF = Foid monzosyenite
- ◆ I2M = Hypersthene alkali feldspar syenite
- ◆ I2N = Hypersthene syenite
- ◆ I2O = Hypersthene monzonite (mangerite)
- ◆ I2P = Hypersthene monzodiorite (jotunite)
- ◆ I2Q = Hypersthene diorite
- ◆ I3 = Mafic intrusive rocks
- ◆ I3A = Gabbro
- ◆ I3AF = Foid gabbro
- ◆ I3AR = Foid-bearing gabbro
- ◆ I3B = Diabase
- ◆ I3C = Monzogabbro
- ◆ I3CF = Foid monzogabbro
- ◆ I3CQ = Quartz monzogabbro
- ◆ I3CR = Foid-bearing monzogabbro
- ◆ I3D = Ferrogabbro
- ◆ I3E = Quartz gabbro (QZ > 5%)
- ◆ I3F = Quartz diabase (QZ > 5%)
- ◆ I3G = Anorthosite
- ◆ I3GQ = Quartz-bearing anorthosite

◆ I3GR = Foid-bearing anorthosite

◆ I3H = Gabbroic anorthosite

◆ I3I = Anorthositic gabbro

◆ I3J = Norite

◆ I3K = Olivine gabbro

◆ I3L = Olivine norite

◆ I3M = Olivine diabase (OV > 5%)

◆ I3N = Troctolite

◆ I3O = Mafic lamprophyre

◆ I3OK = Kersantite

◆ I3OM = Minette

◆ I3OS = Spessartite

◆ I3OV = Vogesite

◆ I3P = Leuconorite

◆ I3Q = Gabbronorite

◆ I3R = Olivine gabbronorite

◆ I3S = Monzonorite

◆ I3T = Hyperstene anorthosite

◆ I4 = Ultramafic/ultrabasic intrusive rocks

◆ I4A = Hornblendite

◆ I4B = Pyroxenite

◆ I4C = Clinopyroxenite

- ◆ I4D = Websterite
- ◆ I4E = Orthopyroxenite
- ◆ I4F = Olivine clinopyroxenite
- ◆ I4G = Olivine websterite
- ◆ I4H = Olivine orthopyroxenite
- ◆ I4I = Peridotite
- ◆ I4J = Wehrlite
- ◆ I4K = Lherzolite
- ◆ I4L = Harzburgite
- ◆ I4M = Dunite
- ◆ I4O = Ultramafic lamprophyre
- ◆ I4OA = Alnoite
- ◆ I4OC = Camptonite
- ◆ I4OK = Aillikite
- ◆ I4OM = Monchiquite
- ◆ I4OP = Polzenite
- ◆ I4OS = Sannaite
- ◆ I4P = Kimberlite
- ◆ I4PA = Kimberlite (group I)
- ◆ I4PB = Kimberlite (group II)
- ◆ I4Q = Carbonatite
- ◆ I4QC = Calciocarbonatite
- ◆ I4QF = Ferrocarbonatite

◆ I4QM = Magnesiocarbonatite

◆ I4QS = Silicocarbonatite

◆ I4R = Lamproite

◆ I4S = Foidolite

◆ I4SI = Ijolite

◆ I4SM = Melteigite

◆ I4SU = Urtite

◆ I4T = Melilitolite

◆ I4X = Glimmerite

◆ I4Z = Ultramafic rocks with >90% oxide minerals

◆ I4ZC = Chromitite

◆ I4ZI = Ilmenitite

◆ I4ZK = Kiruna-type iron ore

◆ I4ZM = Magnetitite

◆ I4ZN = Nelsonite

◆ I4ZR = Rutilitite

◆ I4ZU = Cumberlandite

◆ M = Metamorphic and tectonic rocks

◆ M1 = Gneiss

◆ M10 = Paraschist

◆ M11 = Phyllite

◆ M12 = Quartzite

- ◆ M13 = Marble (crystalline limestone)
- ◆ M14 = Calc-silicate rock
- ◆ M15 = Metasomatic rocks (including skarn & tactite)
- ◆ M15A = Skarn
- ◆ M15B = Rodingite
- ◆ M15C = Listwaenite
- ◆ M15D = Fenite
- ◆ M15E = Greisen
- ◆ M15G = Grenatite (>30% de GR)
- ◆ M16 = Amphibolite
- ◆ M17 = Eclogite
- ◆ M18 = Hornfels
- ◆ M2 = Banded gneiss
- ◆ M20 = Metatexite
- ◆ M21 = Diatexite
- ◆ M21A = Anatectic granite
- ◆ M22 = Migmatite
- ◆ M23 = Agmatite
- ◆ M24 = Cataclasite
- ◆ M25 = Mylonite
- ◆ M26 = Tectonic breccia
- ◆ M3 = Orthogneiss

- ◆ M30 = Tourmalinite
- ◆ M31 = Coticule
- ◆ M32 = Serpentine
- ◆ M4 = Paragneiss
- ◆ M5 = Quartzofeldspathic gneiss
- ◆ M6 = Granitic gneiss
- ◆ M7 = Granulite (granulitic gneiss)
- ◆ M8 = Schist
- ◆ M9 = Orthoschist
- ◆ R = Fill
- ◆ R1 = Vein
- ◆ R1A = Shear vein
- ◆ R1B = Tension, extension vein
- ◆ R1C = Ladder vein
- ◆ R1D = Saddle reef
- ◆ R2 = Stockwerk
- ◆ R3 = Breccia
- ◆ R4 = Porosity
- ◆ R9 = Others
- ◆ S = Sedimentary rocks
- ◆ S1 = Sandstone
- ◆ S1A = Quartz sandstone
- ◆ S1A1 = Very fine quartz sandstone

◆ S1A2 = Fine quartz sandstone

◆ S1A3 = Medium quartz sandstone

◆ S1A4 = Coarse quartz sandstone

◆ S1A5 = Very coarse quartz sandstone

◆ S1B = Feldspathic sandstone

◆ S1B1 = Very fine feldspathic sandstone

◆ S1B2 = Fine feldspathic sandstone

◆ S1B3 = Medium feldspathic sandstone

◆ S1B4 = Coarse feldspathic sandstone

◆ S1B5 = Very coarse feldspathic sandstone

◆ S1C = Arkose

◆ S1C1 = Very fine arkose

◆ S1C2 = Fine arkose

◆ S1C3 = Medium arkose

◆ S1C4 = Coarse arkose

◆ S1C5 = Very coarse arkose

◆ S1D = Arkosic sandstone

◆ S1D1 = Very fine arkosic sandstone

◆ S1D2 = Fine arkosic sandstone

◆ S1D3 = Medium arkosic sandstone

◆ S1D4 = Coarse arkosic sandstone

◆ S1D5 = Very coarse arkosic sandstone

- ◆ S1E = Lithic sandstone
- ◆ S1E1 = Very fine lithic sandstone
- ◆ S1E2 = Fine lithic sandstone
- ◆ S1E3 = Medium lithic sandstone
- ◆ S1E4 = Coarse lithic sandstone
- ◆ S1E5 = Very coarse lithic sandstone
- ◆ S1F = Subfeldspathic lithic sandstone
- ◆ S1F1 = Very fine subfeldspathic lithic sandstone
- ◆ S1F2 = Fine subfeldspathic lithic sandstone
- ◆ S1F3 = Medium subfeldspathic lithic sandstone
- ◆ S1F4 = Coarse subfeldspathic lithic sandstone
- ◆ S1F5 = Very coarse subfeldspathic lithic sandstone
- ◆ S10 = Chert
- ◆ S10A = Oxidized chert
- ◆ S10B = Carbonated chert
- ◆ S10C = Slicated chert
- ◆ S10D = Sulfidic chert
- ◆ S10E = Graphitic/carbonaceous chert
- ◆ S10F = Ferruginous chert
- ◆ S10J = Jasper/Jaspilite
- ◆ S11 = Exhalite
- ◆ S12 = Evaporite



◆ S12A = Halite

◆ S12B = Sylvite

◆ S12C = Anhydrite

◆ S12D = Gypsum

◆ S12E = Sulfate

◆ S13 = Phosphorite

◆ S2 = Arenite

◆ S2A = Quartz arenite

◆ S2A1 = Very fine quartz arenite

◆ S2A2 = Fine quartz arenite

◆ S2A3 = Medium quartz arenite

◆ S2A4 = Coarse quartz arenite

◆ S2A5 = Very coarse quartz arenite

◆ S2B = Subarkose

◆ S2B1 = Very fine subarkose

◆ S2B2 = Fine subarkose

◆ S2B3 = Medium subarkose

◆ S2B4 = Coarse subarkose

◆ S2B5 = Very coarse subarkose

◆ S2C = Arkose

◆ S2C1 = Very fine arkose

◆ S2C2 = Fine arkose

◆ S2C3 = Medium arkose

- ◆ S2C4 = Coarse arkose
- ◆ S2C5 = Very coarse arkose
- ◆ S2D = Arkosic arenite
- ◆ S2D1 = Very fine arkosic arenite
- ◆ S2D2 = Fine arkosic arenite
- ◆ S2D3 = Medium arkosic arenite
- ◆ S2D4 = Coarse arkosic arenite
- ◆ S2D5 = Very coarse arkosic arenite
- ◆ S2E = Lithic arenite
- ◆ S2E1 = Very fine lithic arenite
- ◆ S2E2 = Fine lithic arenite
- ◆ S2E3 = Medium lithic arenite
- ◆ S2E4 = Coarse lithic arenite
- ◆ S2E5 = Very coarse lithic arenite
- ◆ S2F = Sublitharenite
- ◆ S2F1 = Very fine sublitharenite
- ◆ S2F2 = Fine sublitharenite
- ◆ S2F3 = Medium sublitharenite
- ◆ S2F4 = Coarse sublitharenite
- ◆ S2F5 = Very coarse sublitharenite
- ◆ S3 = Wacke
- ◆ S3A = Quartz wacke

◆ S3A1 = Very fine quartz wacke

◆ S3A2 = Fine quartz wacke

◆ S3A3 = Medium quartz wacke

◆ S3A4 = Coarse quartz wacke

◆ S3A5 = Very coarse quartz wacke

◆ S3C = Arkosic wacke

◆ S3C1 = Very fine arkosic wacke

◆ S3C2 = Fine arkosic wacke

◆ S3C3 = Medium arkosic wacke

◆ S3C4 = Coarse arkosic wacke

◆ S3C5 = Very coarse arkosic wacke

◆ S3D = Feldspathic wacke

◆ S3D1 = Very fine feldspathic wacke

◆ S3D2 = Fine feldspathic wacke

◆ S3D3 = Medium feldspathic wacke

◆ S3D4 = Coarse feldspathic wacke

◆ S3D5 = Very coarse feldspathic wacke

◆ S3E = Lithic wacke

◆ S3E1 = Very fine lithic wacke

◆ S3E2 = Fine lithic wacke

◆ S3E3 = Medium lithic wacke

◆ S3E4 = Coarse lithic wacke

- ◆ S3E5 = Very coarse lithic wacke
- ◆ S4 = Conglomerate
- ◆ S4A = Monogenic conglomerate
- ◆ S4A1 = Monogenic granules conglomerate
- ◆ S4A2 = Monogenic pebble conglomerate
- ◆ S4A3 = Monogenic cobble conglomerate
- ◆ S4A4 = Monogenic block conglomerate
- ◆ S4B = Monogenic clast-supported conglomerate
- ◆ S4B1 = Monogenic clast-supported granules conglomerate
- ◆ S4B2 = Monogenic clast-supported pebbles conglomerate
- ◆ S4B3 = Monogenic clast-supported cobbles conglomerate
- ◆ S4B4 = Monogenic clast-supported blocks conglomerate
- ◆ S4C = Monogenic matrix-supported conglomerate
- ◆ S4C1 = Monogenic matrix-supported granules conglomerate
- ◆ S4C2 = Monogenic matrix-supported pebbles conglomerate
- ◆ S4C3 = Monogenic matrix-supported cobbles conglomerate
- ◆ S4C4 = Monogenic matrix-supported blocks conglomerate
- ◆ S4D = Polygenetic conglomerate
- ◆ S4D1 = Polygenetic granules conglomerate
- ◆ S4D2 = Polygenetic pebble conglomerate
- ◆ S4D3 = Polygenetic cobble conglomerate
- ◆ S4D4 = Polygenetic block conglomerate
- ◆ S4E = Polygenetic clast-supported conglomerate

- ◆ S4E1 = Polygenic clast-supported granules conglomerate
- ◆ S4E2 = Polygenic clast-supported pebbles conglomerate
- ◆ S4E3 = Polygenic clast-supported cobbles conglomerate
- ◆ S4E4 = Polygenic clast-supported blocks conglomerate
- ◆ S4F = Polygenic matrix-supported conglomerate
- ◆ S4F1 = Polygenic matrix-supported granules conglomerate
- ◆ S4F2 = Polygenic matrix-supported pebbles conglomerate
- ◆ S4F3 = Polygenic matrix-supported cobbles conglomerate
- ◆ S4F4 = Polygenic matrix-supported blocks conglomerate
- ◆ S4G = Intraformational conglomerate
- ◆ S4G1 = Intraformational granules conglomerate
- ◆ S4G2 = Intraformational pebble conglomerate
- ◆ S4G3 = Intraformational cobble conglomerate
- ◆ S4G4 = Intraformational block conglomerate
- ◆ S4H = Intraformational clast-supported conglomerate
- ◆ S4H1 = Intraform. clast-supported granules conglomerate
- ◆ S4H2 = Intraform. clast-supported pebbles conglomerate
- ◆ S4H3 = Intraform. clast-supported cobbles conglomerate
- ◆ S4H4 = Intraform. clast-supported blocks conglomerate
- ◆ S4I = Intraformational matrix-supported conglomerate
- ◆ S4I1 = Intraform. matrix-supported granules conglomerate
- ◆ S4I2 = Intraform. matrix-supported pebbles conglomerate

- ◆ S4I3 = Intraform. matrix-supported cobbles conglomerate
- ◆ S4I4 = Intraform. matrix-supported blocks conglomerate
- ◆ S4J = Tillite
- ◆ S5 = Breccia
- ◆ S5A = Monogenic breccia
- ◆ S5A1 = Monogenic granules breccia
- ◆ S5A2 = Monogenic pebbles breccia
- ◆ S5A3 = Monogenic cobbles breccia
- ◆ S5A4 = Monogenic blocks breccia
- ◆ S5B = Monogenic clast-supported breccia
- ◆ S5B1 = Monogenic clast-supported granules breccia
- ◆ S5B2 = Monogenic clast-supported pebbles breccia
- ◆ S5B3 = Monogenic clast-supported cobbles breccia
- ◆ S5B4 = Monogenic clast-supported blocks breccia
- ◆ S5C = Monogenic matrix-supported breccia
- ◆ S5C1 = Monogenic matrix-supported granules breccia
- ◆ S5C2 = Monogenic matrix-supported pebbles breccia
- ◆ S5C3 = Monogenic matrix-supported cobbles breccia
- ◆ S5C4 = Monogenic matrix-supported blocks breccia
- ◆ S5D = Polygenic breccia
- ◆ S5D1 = Polygenic granules breccia
- ◆ S5D2 = Polygenic pebbles breccia

- ◆ S5D3 = Polygenic cobbles breccia
- ◆ S5D4 = Polygenic blocks breccia
- ◆ S5E = Polygenic clast-supported breccia
- ◆ S5E1 = Polygenic clast-supported granules breccia
- ◆ S5E2 = Polygenic clast-supported pebbles breccia
- ◆ S5E3 = Polygenic clast-supported cobbles breccia
- ◆ S5E4 = Polygenic clast-supported blocks breccia
- ◆ S5F = Polygenic matrix-supported breccia
- ◆ S5F1 = Polygenic matrix-supported granules breccia
- ◆ S5F2 = Polygenic matrix-supported pebbles breccia
- ◆ S5F3 = Polygenic matrix-supported cobbles breccia
- ◆ S5F4 = Polygenic matrix-supported blocks breccia
- ◆ S5G = Intraformational breccia
- ◆ S5G1 = Intraformational granules breccia
- ◆ S5G2 = Intraformational pebbles breccia
- ◆ S5G3 = Intraformational cobbles breccia
- ◆ S5G4 = Intraformational blocks breccia
- ◆ S5H = Intraformational clast-supported breccia
- ◆ S5H1 = Intraformational clast-supported granules breccia
- ◆ S5H2 = Intraformational clast-supported pebbles breccia
- ◆ S5H3 = Intraformational clast-supported cobbles breccia
- ◆ S5H4 = Intraformational clast-supported blocks breccia
- ◆ S5I = Intraformational matrix-supported breccia

◆ S5I1 = Intraformational matrix-supported granules breccia

◆ S5I2 = Intraformational matrix-supported pebbles breccia

◆ S5I3 = Intraformational matrix-supported cobbles breccia

◆ S5I4 = Intraformational matrix-supported blocks breccia

◆ S6 = Mudrock

◆ S6A = Siltstone

◆ S6B = Siltshale

◆ S6C = Siltslate

◆ S6D = Mudstone

◆ S6E = Mudshale

◆ S6F = Mudslate

◆ S6G = Claystone

◆ S6H = Clay shale

◆ S6I = Clay slate

◆ S6J = Shale

◆ S6K = Ardoise

◆ S7 = Limestone

◆ S7A = Calcilutite

◆ S7B = Calcisiltite

◆ S7C = Calcarenite

◆ S7D = Calcirudite

◆ S7E = Mudstone



◆ S7F = Wackestone

◆ S7G = Packstone

◆ S7H = Grainstone

◆ S7I = Boundstone

◆ S7J = Bafflestone

◆ S7K = Rudstone

◆ S8 = Dolomite

◆ S8A = Dololutite

◆ S8B = Dolosiltite

◆ S8C = Dolarenite

◆ S8D = Dolorudite

◆ S9 = Iron Formation

◆ S9A = Indeterminated iron formation

◆ S9B = Oxide iron formation

◆ S9C = Carbonate iron formation

◆ S9D = Silicate iron formation

◆ S9E = Sulfide iron formation

◆ T = Tectonites

◆ T1 = Cataclasite

◆ T1A = Fault breccia

◆ T1B = Fault microbreccia

◆ T1C = Fault gouge

- ◆ T1D = Pseudotachylyte
- ◆ T1E = Mylonite
- ◆ T1F = Impact breccia
- ◆ T1G = Impactite
- ◆ T2 = Mylonite
- ◆ T2A = Protomylonite
- ◆ T2B = Orthomylonite
- ◆ T2C = Ultramylonite
- ◆ T2D = Phyllonite
- ◆ T2E = Blastomylonite
- ◆ T3A = Straight gneiss
- ◆ T3B = Porphyroclastic gneiss
- ◆ T3C = Regular gneiss
- ◆ T3D = Irregular gneiss
- ◆ T4 = Tecto. mélange
- ◆ T4A = Tectonic mélange
- ◆ T4B = Marble tectonic breccia
- ◆ V = Volcanic rocks
- ◆ V1 = Felsic volcanic rocks
- ◆ V1A = Alkali-feldspar rhyolite
- ◆ V1B = Rhyolite
- ◆ V1BC = Comenditic rhyolite
- ◆ V1BP = Pantelleritic rhyolite

- ◆ V1C = Rhyodacite
- ◆ V1D = Dacite
- ◆ V1E = Trachydacite
- ◆ V2 = Intermediate volcanic rocks
- ◆ V2A = Quartz alkali feldspar trachyte
- ◆ V2B = Alkali feldspar trachyte
- ◆ V2BR = Foid-bearing alkali feldspar trachyte
- ◆ V2C = Quartz trachyte
- ◆ V2D = Trachyte
- ◆ V2DC = Comenditic trachyte
- ◆ V2DP = Pantelleritic trachyte
- ◆ V2DR = Foid-bearing trachyte
- ◆ V2E = Quartz latite
- ◆ V2F = Trachyandesite
- ◆ V2FB = Benmoreite
- ◆ V2FL = Latite
- ◆ V2G = Phonolite
- ◆ V2GT = Tephritic phonolite
- ◆ V2J = Andesite
- ◆ V2LR = Foid-bearing latite
- ◆ V3 = Mafic volcanic rocks
- ◆ V3A = Andesitic basalt/basaltic andesite

- ◆ V3B = Basalt
- ◆ V3C = Quartz basalt
- ◆ V3D = Trachybasalt
- ◆ V3DH = Hawaiite
- ◆ V3DK = Potassic trachybasalt
- ◆ V3E = Olivine basalt
- ◆ V3F = Magnesian basalt (>9% MgO)
- ◆ V3G = Basaltic trachyandesite
- ◆ V3GM = Mugearite
- ◆ V3GS = Shoshonite
- ◆ V3H = Basanite
- ◆ V3HP = Phonolitic basanite
- ◆ V3I = Tephrite
- ◆ V3IP = Phonolitic tephrite
- ◆ V3J = Boninite
- ◆ V4 = Ultramafic/ultrabasic volcanic rocks
- ◆ V4A = Komatiite (>18% MgO)
- ◆ V4B = Pyroxenitic komatiite
- ◆ V4C = Peridotitic komatiite
- ◆ V4D = Dunitic komatiite
- ◆ V4E = Meimechite/Meymechite
- ◆ V4F = Melilitite

◆ V4FO = Olivine melilitite

◆ V4G = Picrobasalt

◆ V4H = Picrite

◆ V4I = Foidite

◆ V4IN = Nephelinite

◆ V4IP = Phonolitic foidite

◆ V4IT = Tephritic foidite

◆ V4M = Melilite-bearing ultramafic volcanics

◆ XXXX = Uncertain

## «Domain value - R1R10\_ECHN\_ROCHE\_CARC»

Champ: CODE\_CARC\_ECHN

◆ A = Partial chemical analysis

◆ D = Dating

◆ E = Economic interest

◆ F = Fossil

◆ G = Total chemical analysis

◆ H = Petrographic study

◆ I = Mineragraphic study (polished blade)

◆ L = Thin section

◆ M = Mineral

◆ N = Mineragraphic study (polished blade)

◆ O = Oriented

◆ P = Particular

◆ R = Diffraction-X

◆ S = Polished section

◆ T = Typical

◆ U = Museum quality sample

◆ X = Others

«Domain value - R1E03\_RESULTAT\_ANALYSE\_ER»

Champ: CODE\_ANLS\_MULT

◆ A = First analysis (one analysis, one method)

◆ B = Reanalysis (same or different method)

◆ C = Rare earths

◆ D = Reanalysis of Rare Earth Elements

◆ E = Others

◆ P = Partial attack analysis

## «Domain value - R1E03\_RESULTAT\_ANALYSE\_ER»

Champ: CODE\_ELMN\_CHIM

◆ Ac = Actinium

◆ Ag = Silver

◆ Al = Aluminum

◆ Al<sub>2</sub>O<sub>3</sub> = Aluminum oxide

◆ Ar = Argon

◆ As = Arsenic

◆ At = Astatine

◆ Au = Gold

◆ B = Boron

◆ Ba = Barium

◆ BaO = Barium oxide

◆ Be = Beryllium

◆ Bi = Bismuth

◆ Br = Bromine

◆ C org = Organic carbon

◆ C tot = Total carbon

◆ Ca = Calcium

◆ CaO = Calcium oxide

◆ Cd = Cadmium

◆ Ce = Cerium



◆ Cgraph = Graphitic carbon

◆ Cl = Chloride

◆ Co = Cobalt

◆ CO<sub>2</sub> in = Inorganic carbon

◆ Cr = Chromium

◆ Cr<sub>2</sub>O<sub>3</sub> = Chromium oxide

◆ Cs = Cesium

◆ Ct:CO<sub>2</sub> = Total carbon in CO<sub>2</sub>

◆ Cu = Copper

◆ Dy = Dysprosium

◆ EGP = Elements of the platinum group

◆ Er = Erbium

◆ ETR = Rare earth minerals

◆ Eu = Europium

◆ F = Fluoride

◆ Fe = Iron

◆ Fe sol = Soluble iron

◆ FeO = Ferrous-iron oxide

◆ Fe<sub>2</sub>O<sub>3</sub>t = Total iron oxide

◆ Fe<sub>2</sub>O<sub>3</sub>v = Ferric-iron oxide

◆ Fr = Francium

◆ Ga = Gallium

◆ Gd = Gadolinium

◆ Ge = Germanium

◆ He = Helium

◆ Hf = Hafnium

◆ Hg = Mercury

◆ Ho = Holmium

◆  $\text{H}_2\text{O}^+$  =  $\text{H}_2\text{O}^+$

◆  $\text{H}_2\text{O}^-$  =  $\text{H}_2\text{O}^-$

◆ I = Iodine

◆ In = Indium

◆ Ir = Iridium

◆ K = Potassium

◆ Kr = Krypton

◆  $\text{K}_2\text{O}$  = Potassium oxide

◆ La = Lanthanum

◆ Li = Lithium

◆  $\text{Li}_2\text{O}$  = Lithium oxide

◆ Lu = Lutetium

◆ Mg = Magnesium

◆  $\text{MgO}$  = Magnesium oxide

◆ Mn = Manganese

◆  $\text{MnO}$  = Manganese oxide

◆ Mo = Molybdenum

◆  $\text{MoS}_2$  = Molybdenite

◆  $\text{N}$  = Nitrogen

◆  $\text{Na}$  = Sodium

◆  $\text{Na}_2\text{O}$  = Sodium oxide

◆  $\text{Nb}$  = Niobium

◆  $\text{Nb}_2\text{O}_5$  = Niobium oxide

◆  $\text{Nd}$  = Neodymium

◆  $\text{Ne}$  = Neon

◆  $\text{Ni}$  = Nickel

◆  $\text{Np}$  = Neptunium

◆  $\text{Os}$  = Osmium

◆  $\text{P}$  = Phosphorus

◆  $\text{PAF}$  = Loss on ignition

◆  $\text{PAF}_2$  = Loss on ignition ( $\text{FeO}$  and  $\text{Fe}_2\text{O}_3$ )

◆  $\text{Pb}$  = Lead

◆  $\text{Pd}$  = Palladium

◆  $\text{Pm}$  = Promethium

◆  $\text{Po}$  = Polonium

◆  $\text{Pr}$  = Praseodymium

◆  $\text{Pt}$  = Platinum

◆  $\text{Pu}$  = Plutonium

◆  $\text{P}_2\text{O}_5$  = Phosphorus oxide

◆ Ra = Radium

◆ Rb = Rubidium

◆ Re = Rhenium

◆ Rh = Rhodium

◆ Rn = Radon

◆ Ru = Ruthenium

◆ S = Sulfur

◆ Sb = Antimony

◆ Sc = Scandium

◆ Se = Selenium

◆ Si = Silicon

◆ SiO<sub>2</sub> = Silica

◆ Sm = Samarium

◆ Sn = Tin

◆ Sr = Strontium

◆ SrO = Strontium oxide

◆ Ta = Tantalum

◆ Ta<sub>2</sub>O<sub>3</sub> = Tantalum oxide

◆ Ta<sub>2</sub>O<sub>5</sub> = Tantalum pentoxide

◆ Tb = Terbium

◆ Te = Tellurium

◆ Th = Thorium

◆  $\text{ThO}_2$  = Thorium oxyde

◆  $\text{Ti}$  = Titanium

◆  $\text{TiO}_2$  = Titanium oxide

◆  $\text{Tl}$  = Thallium

◆  $\text{Tm}$  = Thulium

◆  $\text{Tr}_2\text{O}_3$  = Rare earth

◆  $\text{U}$  = Uranium

◆  $\text{V}$  = Vanadium

◆  $\text{V}_2\text{O}_5$  = Vanadium oxide

◆  $\text{W}$  = Tungsten

◆  $\text{Xe}$  = Xenon

◆  $\text{Y}$  = Yttrium

◆  $\text{Yb}$  = Ytterbium

◆  $\text{Y}_2\text{O}_3$  = Yttrium oxide

◆  $\text{Zn}$  = Zinc

◆  $\text{Zr}$  = Zirconium

◆  $\text{ZrO}_2$  = Zirconium oxide

«Domain value - R1E03\_RESULTAT\_ANALYSE\_ER»

Champ: CODE\_INDC\_PLUS\_PETT\_QUE

◆ < = Less than

◆ > = Greater than

## «Domain value - R1E03\_RESULTAT\_ANALYSE\_ER»

### Champ: CODE\_METH\_ANLS

- ◆ AA = Atomic absorption
- ◆ AG = Gravimetric analysis
- ◆ AN = Neutron activation
- ◆ AP = Partial attack + plasma emis. spectroscopy (CO1)
- ◆ AS = Anodic stripping
- ◆ CA = Absorption chromatography
- ◆ CG = Classical chemical analysis
- ◆ CI = Ionic chromatography
- ◆ CM = Chromatography and mass spectrometry
- ◆ CO = Colorimetry
- ◆ CP = Paper chromatography
- ◆ DA = DTA
- ◆ DG = Borehole logging
- ◆ DI = Isotopic dilution
- ◆ DX = X-ray diffraction
- ◆ EA = Atomic emission
- ◆ ED = Densitometer emission
- ◆ EF = Flame emission
- ◆ EL = Electrolysis
- ◆ ES = Ion-selective electrode

- ◆ FL = Fluorometry
- ◆ FX = X-ray fluorescence
- ◆ ICP = Inductive coupling mass spectrometry
- ◆ IF = Infra-red
- ◆ IR = Infra-red, absorption, emission
- ◆ MI = Microscopy
- ◆ MS = Microprobe
- ◆ PL = Plasma emission
- ◆ PO = Polography
- ◆ PY = Pyroanalysis
- ◆ QU = Quantometer
- ◆ SC = Correlation spectroscopy
- ◆ SG = Gamma ray spectrometer
- ◆ SM = Mass spectrometry
- ◆ SO = Optical spectrography
- ◆ SP = Spectrophotometry
- ◆ ST = Scintillation counter
- ◆ SX = X-ray spectrometry
- ◆ YO = Unknown



## «Domain value - R1E03\_RESULTAT\_ANALYSE\_ER»

Champ: CODE\_UNITE\_TENR

◆ % = Weight percent

◆ cct = Hundredth of PCT

◆ cpb = Hundredth of PPB

◆ cpm = Hundredth of PPM

◆ cpt = Hundredth of PPT

◆ dct = Tenth of PCT

◆ dpb = Tenth of PPB

◆ dpm = Tenth of PPM

◆ dpt = Tenth of PPT

◆ g/t = Gram per ton

◆ pcm = Parts per 100 000

◆ pct = Percent

◆ ppb = Parts per billion

◆ ppm = Parts per million

◆ ppt = Parts per billion