

# GSC Geologic Symbol Standard Style File - Bedrock Symbols

These symbols accompany the GSC Bedrock Geodatabase model version 2.10 and is up to date as of March 21, 2019

### MAP UNIT BOUNDARIES

- Contact
- Limit of mapping, geology
- Limit of mapping, neatline
- Mapping precision change
- Nomenclature change
- Other unit construct
- Depositional escarpment

### FAULTS

- Normal
- Reverse
- Thrust
- Thrust, overturned
- Dextral strike-slip
- Sinistral strike-slip
- Oblique-slip dextral, extensional
- Oblique-slip dextral, contractional
- Oblique-slip sinistral, extensional
- Oblique-slip sinistral, contractional
- Detachment, extensional
- Detachment, contractional
- Back-thrust
- Back-thrust, overturned
- Generic
- Generic, downthrown known

### FOLDS

- Anticline
- Anticline, overturned
- Anticline, asymmetrical
- Anticline, synformal
- Anticline, synformal, overturned
- Syncline
- Syncline, overturned
- Syncline, asymmetrical
- Syncline, antiformal
- Syncline, antiformal, overturned
- Antiform
- Antiform, overturned
- Antiform, asymmetrical
- Synform
- Synform, overturned
- Synform, asymmetrical
- Monocline, anticlinal bend
- Monocline, anticlinal bend, overturned
- Monocline, synclinal bend
- Monocline, synclinal bend, overturned
- Anticlinorium
- Anticlinorium, overturned
- Synclinorium
- Synclinorium, overturned
- Arch
- Trough
- Recumbent, anticlinal
- Recumbent, synclinal
- Anticline, homeoclinic, upright
- Anticline, contractive, overturned

### FOLDS (continued)

- Syncline, homeoclinic, upright
- Syncline, contractive, overturned
- Antiform, homeoclinic, upright
- Antiform, contractive, overturned
- Synform, homeoclinic, upright
- Synform, contractive, overturned
- Neutral, attitude unknown, undefined generation

### THIN LITHOLOGY

- Vein - option 1
- Vein - option 2
- Distinctive Lithology or Marker bed
- Thin unit, Dyke, Sill
- Thin unit, discontinuous
- Form lines
- Joint / Fracture

### TRACE

- Geophysical anomaly, positive
- Geophysical anomaly, negative
- Structural line of section
- Seismic or Geophysical survey line
- Other trace
- Lineament: motion undefined

### MEASURED SECTION

Measured section

### ISOGRAD

Isograd

Act	Act	Act
Amg	Amg	Amg
Bf	Bf	Bf
Gpr	Gpr	Gpr
Gpa	Gpa	Gpa
Gpl	Gpl	Gpl
Gp	Gp	Gp
Fc	Fc	Fc
Grt	Grt	Grt
Hbl	Hbl	Hbl
Kfs	Kfs	Kfs
Ky	Ky	Ky
Liq	Liq	Liq
Ms	Ms	Ms
Qz	Qz	Qz
Pht-Fmp	Pht-Fmp	Pht-Fmp
Sil	Sil	Sil
Sr	Sr	Sr
Tc	Tc	Tc
Ws	Ws	Ws
Zeo	Zeo	Zeo

### LIMITS (line symbols)

- Outcrop extent
- Gas field
- Oil field
- Blumen extent
- Geothermal field
- Surface Mine, Quarry
- Sinkhole, crater, caldera
- Penetrative Strain
- Front of alteration

### LIMITS (polygon symbols)

- Outcrop extent
- Gas field
- Oil field
- Blumen extent
- Geothermal field
- Surface Mine, Quarry
- Sinkhole, crater, caldera
- Penetrative Strain
- Alteration

### LIMITS (digitizing lines only)

- Fault zone
- Shear zone
- Breccia zone
- Gossan
- Drift
- Porphyritic

### OVERPRINTS

- Fault zone
- Shear zone
- Breccia zone
- Alteration zone, mineralization zone, gossan
- Drift
- Porphyritic zone - option 1
- Porphyritic zone - option 2

### STATIONS

- Visited station
- Remote ground observation
- Archival observation
- Photograph only
- Isolated outcrop
- Fossil
- Geochronology

### LAB RESULTS

- Fossil
- Geochronology

### MINERAL OCCURRENCES

- Drillhole
- Gossan
- Prospect, showing
- Developed prospect, active
- Developed prospect, inactive

### WELLS

- Producing
- Suspended
- Abandoned
- Injection or Disposal
- Oil
- Gas
- Oil and gas
- Water
- Steam
- Dry
- Unknown

### PLANAR ORIENTATIONS

- Bedding
- Bedding, overturned <180
- Bedding, overturned >180
- Bedding, vertical
- Bedding, horizontal
- Eutaxitic or Igneous layering
- Eutaxitic or Igneous layering, overturned <180
- Eutaxitic or Igneous layering, vertical
- Eutaxitic or Igneous layering, horizontal
- Igneous layering, pillows
- Igneous layering, pillows, overturned <180
- Igneous layering, pillows, vertical
- Igneous layering, pillows, horizontal
- Flow and Compositional layering
- Flow and Compositional layering, overturned <180
- Flow and Compositional layering, vertical
- Flow and Compositional layering, horizontal
- Crossbed foreset
- Crossbed foreset, overturned <180
- Crossbed foreset, vertical
- Crossbed foreset, horizontal
- Stylolitic surface
- Stylolitic surface, vertical
- Stylolitic surface, horizontal
- Contact
- Contact, overturned <180
- Contact, overturned >180
- Contact, vertical
- Contact, horizontal

### LINEAR ORIENTATIONS

- Symmetrical ripple crest
- Asymmetrical ripple paleoflow
- Imbrication paleoflow
- Flute, down plunge
- Flute, up plunge
- Prod mark
- Parting lineation
- Trough axis
- Igneous flow lineation
- Fold hinge
- Stump fold hinge, S
- Stump fold hinge, Z
- Fold hinge, anticline
- Fold hinge, syncline
- Fold hinge, antiform
- Fold hinge, synform
- Fold hinge, minor S
- Fold hinge, minor Z
- Fold hinge, minor U
- Fold hinge, crenulation
- Axis of sheath fold
- Axis of sheath antiform
- Axis of sheath synform
- Intersection lineation
- Fault strike
- Mineral lineation
- Stretching lineation
- Boudinage axis
- Mullions
- Glacial Striae