

# GSC Geologic Symbol Standard Style File - Bedrock Symbols

These symbols accompany the GSC Bedrock Geodatabase model version 2.8.6 and is up to date as of October 13, 2017

### MAP UNIT BOUNDARIES

- Contact
- Limit of mapping, geology
- Limit of mapping, realine
- 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
- Recumbant, anticlinal
- Recumbant, synclinal
- Anticline, homeoclinic, upright
- Anticline, contraclinal, overturned

### FOLDS (continued)

- Syncline, homeoclinic, upright
- Syncline, contraclinal, overturned
- Antiform, homeoclinic, upright
- Antiform, contraclinal, overturned
- Synform, homeoclinic, upright
- Synform, contraclinal, overturned

### THIN LITHOLOGY

- Vein - option 1
- Vein - option 2
- Distinctive Lithology or Marker bed
- Thin unit, Dyke, Sill
- Thin unit, discontinuous

### TRACE

- Form lines
- Joint / Fracture
- 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
Bst	Bst	Bst
Cst	Cst	Cst
Csp	Csp	Csp
Cst	Cst	Cst
Gr	Gr	Gr
Hbl	Hbl	Hbl
Kfs	Kfs	Kfs
Kfs	Kfs	Kfs
Liq	Liq	Liq
Mg	Mg	Mg
Ms	Ms	Ms
Phn	Phn	Phn
Phn	Phn	Phn
Sp	Sp	Sp
Tp	Tp	Tp
Wc	Wc	Wc
Zeo	Zeo	Zeo

### LIMITS (line symbols)

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

### LIMITS (polygon symbols)

- Outcrop extent
- Gas field
- Oil field
- Bitumen 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

### 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

	Measured	Estimated	Measured	Estimated
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	↑	↑	↑	↑
Dyke or Sill margin	↑	↑	↑	↑
Dyke or Sill margin, vertical	↑	↑	↑	↑
Dyke or Sill margin, horizontal	↑	↑	↑	↑
Vein margin	↑	↑	↑	↑
Vein margin, vertical	↑	↑	↑	↑
Vein margin, horizontal	↑	↑	↑	↑
Joint or Fracture	↑	↑	↑	↑
Joint or Fracture, vertical	↑	↑	↑	↑
Joint or Fracture, horizontal	↑	↑	↑	↑
Fracture zone margin	↑	↑	↑	↑
Fracture zone margin, vertical	↑	↑	↑	↑
Fracture zone margin, horizontal	↑	↑	↑	↑
Fault plane, unknown sense	↑	↑	↑	↑
Fault plane, normal	↑	↑	↑	↑
Fault plane, reverse	↑	↑	↑	↑
Fault plane, thrust	↑	↑	↑	↑
Fault plane, thrust, overturned <180	↑	↑	↑	↑
Fault plane, dextral	↑	↑	↑	↑
Fault plane, sinistral	↑	↑	↑	↑
Fault plane, dextral extensional	↑	↑	↑	↑
Fault plane, dextral contractional	↑	↑	↑	↑
Fault plane, sinistral extensional	↑	↑	↑	↑
Fault plane, sinistral contractional	↑	↑	↑	↑
Fault plane, horizontal	↑	↑	↑	↑
Fault plane, vertical dip-slip	↑	↑	↑	↑
Shear band or Shear zone, unknown sense	↑	↑	↑	↑
Shear band or Shear zone, normal	↑	↑	↑	↑
Shear band or Shear zone, reverse	↑	↑	↑	↑
Shear band or Shear zone, dextral	↑	↑	↑	↑
Shear band or Shear zone, sinistral	↑	↑	↑	↑
Shear band or Shear zone, horizontal	↑	↑	↑	↑
Shear band or Shear zone, vertical dip-slip	↑	↑	↑	↑
Shear zone, dextral-normal	↑	↑	↑	↑
Shear zone, dextral-reverse	↑	↑	↑	↑
Shear zone, sinistral-normal	↑	↑	↑	↑
Shear zone, sinistral-reverse	↑	↑	↑	↑
Axial plane, not defined	↑	↑	↑	↑
Axial plane, anticline	↑	↑	↑	↑
Axial plane, syncline	↑	↑	↑	↑
Axial plane, crenulation	↑	↑	↑	↑
Axial plane, kink band	↑	↑	↑	↑
Axial plane, minor s fold	↑	↑	↑	↑
Axial plane, minor z fold	↑	↑	↑	↑
Axial plane, minor u fold	↑	↑	↑	↑
Cleavage, normal, slaty, spaced	↑	↑	↑	↑
Cleavage, crenulation	↑	↑	↑	↑
Schistosity or Foliation	↑	↑	↑	↑
Gneissosity	↑	↑	↑	↑
Foliation, mylonitic	↑	↑	↑	↑
Foliation, transposed bedding	↑	↑	↑	↑