Geology Log Codes

Rock_Type	
And	Andesite
BSh	Black Shale
Bst	Basalt
Brx	Breccia
Cht	Chert
Cly	Clay
Cgl	Conglomerate
Dlm	Dolomite
HA	Highly Altered Rock
Lms	Limestone
Mds	Mudstone
MS	Massive Suphide
Myl	Mylonite
Pug	Pug
Qtz	Quartz
Qzs	Quartzite
Sch	Schist
Shl	Shale
Sla	Slate
Slt	Siltstone
Snd	Sand
Sst	Sandstone
SZ	Shear Zone
Vlc	Volcanoclastic
NC	No Core
Cav	Cavity
Rub	Rubble / Fill
Vsc	Vesicles

Modifier	
bd	Bedded
bc	Brecciated
br	Broken
cl	Clasts
ct	Contorted
dr	Disrupted
gp	Graphitic
fl	Foliated
fd	Folded
fr	Friable
ha	Highly Altered
ib	Interbeds
id	Indurated
py	Pyritic
sd	Sedimentary
sh	Sheared
vn	Veined
lc	High core loss

Colour	
Bk	Black
Bl	Blue
Bn	Brown
Cm	Cream
Gn	Green
Gy	Grey
Or	Orange
Pk	Pink
Pp	Purple
Rd	Red
Wh	White
Yw	Yellow

Intensity	
L	Light
M	Medium
D	Dark

Fabric	
am	Amygdaloidal
bd	Bedded
lm	Laminated
ma	Massive
sp	Spillitic
vs	Vesicular
vt	Vitreous
av	Ash Volcaniclastic (<2mm)
xv	Crystal Volcaniclastic
lv	Lapilli Volcaniclastic (2-64mm)
	Fine Lapilli Vlc (2-8mm)
	Mediuim Lapilli Vlc(8-32mm)
	Coarse Lapilli Vlc (32-64mm)
bv	Breccia Volcanoclastic (>64mm)

Stratigraphy	
CCF	Crimson Creek Formation
OHF	Oonah Formation
SZ	Shear Zone
FLT	Fault
OFB	Montana volcanics

Clasts	
Composition	
Rock Type Codes	
Shape	
A	Angular
sA	Sub-angular
sR	Sub-rounded
R	Rounded
V	Variable
L	Lensoid
Size	
maximum dimension in mm	
Sorting	
P	Poor
M	Moderate
W	Well

Matrix	
Composition	
Rock Type Codes	

Alteration	
Style	
L	Local
F	Fragments
M	Matrix
P	Pervasive
S	Structural
V	Vein
Min.	
Mineral Codes	
Strength	
1	Trace
2	Weak
3	Moderate
4	Strong
5	Intense

Veining	
Spacing	
VW	600 mm-2 m
W	200-600 mm
MW	60-200 mm
MN	20-60 mm
N	6-20 mm
VN	<6 mm
Width	
in mm	
Min.	
Mineral Codes	

Mineralisation	
As	Arsenopyrite
Ca	Calcite
Cy	Clay
Cs	Cassiterite
Cp	Chalcopyrite
Cl	Chlorite
Do	Dolomite
Fl	Flourite
Gp	Graphite
Gn	Galena
Go	Goethite
He	Hematite
Li	Limonite
Mn	Manganese
Po	Pyrrhotite
Py	Pyrite
Qz	Quartz
Se	Sericite
Sd	Siderite
Si	Silica
Sp	Sphalerite
St	Stannite
Talc	Talc
Tm	Tourmaline
Ze	Zeolite
Mc	Mica

Min. Style	
bl	blebs
bd	bedded
cl	clasts
ct	coatings
ma	massive
mx	matrix
no	nodules
rw	reworked
rx	recrystalised
vn	veins

Structure	
Type	
Bd	Bedding
Cl	Cleavage
Ct	Contact
Fa	Fold-axis
Fb	Flow-banding
Fn	Foliation
Jt	Joint
Lm	Lamination
Ln	Lineation
Sh	Shear
Vn	Vein

Structure	
Spacing	
VW	600 mm-2 m
W	200-600 mm
MW	60-200 mm
MN	20-60 mm
N	6-20 mm
VN	<6 mm
Width	
in mm	
Filling	
Mineral Codes or	
Br	broken
Bx	brecciated
Pu	pug
Rh	rehealed
Rb	rubble
Sh	sheared
Facing	
UH	Up Hole
DH	Down Hole

Weathering	
CW	Completely weathered
HW	Highly weathered
MW	Moderately weathered
SW	Slightly weathered
Fr	Fresh & Unweathered

Geotechnical Log Codes

Structure	
Bd	Bedding
Cl	Cleavage
Ct	Contact
Ct	Contact
Ft	Fault
Fa	Fold-axis
Fb	Flow-banding
Fn	Foliation
Jt	Joint
Lm	Lamination
Ln	Lineation
Sh	Shear
Vn	Vein

Joint Condition

Spacing	
EW	>2 m
VW	600 mm-2 m
W	200-600 mm
MW	60-200 mm
MN	20-60 mm
N	6-20 mm
VN	<6 mm

Aperture	
0	5-10mm
1	1-5mm
4	0.1-1.0mm
5	<0.1mm
6	none

Filling	
Mineral Codes or	
Br	broken
Bx	brecciated
Pu	pug
Rh	rehealed
Rb	rubble
Sh	sheared
Facing	
UH	Up Hole
DH	Down Hole

Roughness	
0	Slickensided
1	Smooth planar
3	Slight rough, undulating
5	Rough, undulating
6	Very rough, stepped

Rock Strength	
EW	Extremely Weak
VW	Very Weak
W	Weak
MS	Medium Strong
S	Strong
VS	Very Strong
ES	Extremely Strong

Weathering	
CW	Completely weathered
HW	Highly weathered
MW	Moderately weathered
SW	Slightly weathered
Fr	Fresh and unweathered