

Lith Code	Lith Code 2	Lithology	Lith_ID	Description	TG stratigraphic Assis
		<b>Clastic</b>			
Tg		Tertiary Gravel	62	Mostly rounded siliclastic and Quartz vein pebbles	
Sh		shale	1		Host Sequence and V
Lmst		limestone	2		Host Sequence
Mdst		mudstone	3		
Slst		siltstone	4		
Sst		sandstone	5		
SSst		siliclastic sandstone	6		
Congl		conglomerate	7		
ESst		epiclastic sandstone	8		
Vmdst		volcaniclastic mudstone	9		
VSst		felsic volcaniclastic siltstone	10		
VSst		felsic volcaniclastic sandstone	11		
VQXSst		felsic quartz-crystal-rich volcaniclastic sandstone	12	quartz >= moderate intensity	
VQFXSst		felsic quartz-feldspar-crystal-rich volcaniclastic sandstone	61		
VFQSst		feldspar-quartz-phyric felsic volcaniclastic sandstone	13	commonly chloritic and only we	CVC
VQFSst		quartz-feldspar-phyric felsic volcaniclastic sandstone	14	quartz >= moderate intensity	
VPSst		felsic pumiceous volcaniclastic sandstone	15		
VLSst		felsic lithic volcaniclastic sandstone	16		
VLLSst		felsic lapilli lithic volcaniclastic sandstone	17	open framework	
VBLSst		felsic block lithic volcaniclastic sandstone	18	open framework	
EOH		felsic quartz-crystal-rich lithic volcaniclastic sandstone	19		
		polymict carbonate clast-bearing volcaniclastic breccia	32	open framework	Host Sequence
VMPB		polymict MS clast-bearing volcaniclastic breccia	33	open framework	Host Sequence
VC		volcaniclastic conglomerate	34	near closed framework	
		<b>Coherent Rocks</b>			
LQR		quartz-phyric rhyolitic porphyry (/lava)	35		
LQFR		quartz-feldspar-phyric rhyolitic porphyry (/lava)	36		footwall
LQFBD		quartz-feldspar-biotite-phyric dacite porphyry (/lava)	37		footwall?
LQFHD		quartz-feldspar-hornblende-phyric dacite porphyry (/lava)	38	acid andesite / dacite	Host Sequence
LB		basalt	39	pepperitic bases, irregular flow t	Host Sequence
IB		dolerite	40		
IG		granite	41	intruding CVC	
		<b>Undifferentiated</b>			
UR		felsic volcanic (undifferentiated)	42		
URQQ		quartz-crystal-rich felsic volcanic (undifferentiated)	43	quartz >= moderate intensity	
URQ		quartz-phyric felsic volcanics	44		Tyndall Group
UFQR		feldspar-quartz-phyric felsic volcanics	45	commonly chloritic and only we	CVC
UQFR		quartz-feldspar-phyric felsic volcanics	46		
UB		mafic (undifferentiated)	47		
		<b>Other</b>			
FALT		fault	48		
		<b>Mineralisation and Alteration</b>			
QVN		quartz veining	49		
SQV		sulphide-bearing quartz vein	50		
MS		massive sulphide	51		Host Sequence
SMS		semi-massive sulphide	52		Host Sequence
DSS		disseminated sulphides	53		
Ch		chlorite	54		
Ser		sericite	55		
Si		silica - pervasive	56		
KSP		Pink Potasium feldspar (/Hm) alteration	57		
Fuc		Fuchsite	58		
Cb		Carbonate	59		
OX		Oxidised, including FeO	60		

ID	Geol Code	Text
1	Ocs	Ordovician Conglomerate
2	Os	Ordovician quartz sandstone
3	Osh	Ordovician Shale and siltstones (pyritic)
4	Ctvc	Volcaniclastic Conglomerate (Cambro-Ordovician?)
5	Ctvl	Lithic bearing quartz crystal-rich felsic volcaniclastic sandstone (often rounded)
6	Ctqvs	Quartz crystal-rich felsic volcaniclastic sandstone
7	Ccb	Basalt
8	Ccd	Dolerite
9	Csh	Shale
10	Cvl	Limestone
11	Cve	Epiclastic Sandstones
12	Cvslt	Felsic volcaniclastic siltstone
13	Cvst	Felsic quartz-phyric volcaniclastic sandstone
14	Cvls	Felsic quartz-phyric lithic volcaniclastic sandstone, undifferentiated
15	Cvb	Felsic volcaniclastic breccia, undifferentiated
16	Cveb	Polymict Lithic Volcaniclastic Sandstone and Breccia; commonly sulphide clast bearing
17	Cvebs	Polymict Lithic Volcaniclastic Sandstone, commonly sulphide clast bearing
18	Cvebb	Polymict Breccia, commonly sulphide clast bearing
19	Cflq	Quartz porphyritic lava
20	Cfl	Quartz-feldspar-(biotite) porphyritic lava
21	Cv	Felsic volcaniclastics, variably quartz and feldspar phyric / crystal bearing
22	Cu	Cambrian undifferentiated felsic volcanic

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See Wart Hill Codes Tab for basic lithologies

Geology Log Codes

Stratigraphic Codes	
Q	Quaternary Deposits
Tb	Tertiary Basalt
Ts	Tertiary sediments
Tg	Tertiary Gravels
Jdl	Jurassic Dolerite
Dg	Devonian granitoid
Se	Silurian Eldon Gp.
Sm	Silurian Mathinna beds, Sandstone/greywacke
Ss	Silurian Mathinna beds, Siltstone/shale
Ogl	Gordon Gp Lst
COu	Denison Gp. Upper Sandstone sequence inc. Pioneer Beds
Osh	Ordovician black shalesand siltstones. (pyritic)
Ocs	Denison Group, Ordovician Owen Conglomerate
Osi	Ordovician siliclastic sandstone. Denison group
Ovs	Cambro-Ordovician rhyolitic volcaniclastic sandstone (Waterloo Creek Group).
Ovc	Cambro-Ordovician rhyolitic volcaniclastic sandstone/breccia.
Ct	Tyndall Gp. and correlates
Ctc	Tyndall Gp. Volcaniclastics and sandstone (Zig Zag Hill Fm. )
Ct	Tyndall Gp. Comstock Fm
Cc	Cambrian, siliclastic, micaceous sandstone. Cambrian volcaniclastic/siliclastic conglomerate
Cb	Cambrian Basaltic Lava
Cbv	Cambrian Basaltic Volcaniclastic
Cp	Cambrian, Porphyritic Intrusive.
Chv	Cambrian Lewis River Volcanics
Cwe	Cambrian Western Epiclastics
Cg	Cambrian granite
Cgma	Cambrian microgranite

update regional codes from mapinfo legend

Rocktype	
	(Four letter Code, eg. VDLB = volcaniclastic dacitic lithic breccia)
Primary Rocktype Codes	
V	Volcaniclastic
I	Intrusive
L	Lava
E	Epiclastic
S	sediment
U	undifferentiated
Secondary Code	
R	Rhyolitic
D	Dacitic
A	Andesitic
B	Basaltic
U	Ultramafic
S	Siliclastic
Composition Code	
Q	Quartz phytic
B	Breccia (>64mm)
P	Pumiceous
Other Codes	
VEIN	Vein
Vn	Vein
QZVN	Quartz vein
GWAC	Greywacke
SILT	Siltstone
SHAL	Black Shale
GRAN	Granite
GRAD	Granodiorite
LOSS	Core loss
CAVE	Cavity/Stope
SOIL	Soil

Alteration codes -Moina	
SILSERP	Silica-serpentine alt
MSSX	Massive sulphide
SMSX	Semi-massive sulphide
ATRK	Altered rock
VATRK	Very altered rock
HORN	Hornfels
CLAY	Clay
CALS	Calc-silicate altered rock
SKRN	Skarn
SILI	Intensely silicified
Si	Silica alt
PSKRN	Pyroxene skarn
SXChl	Sulphide chlorite alt
QzBi	Quartz biotite alt
SXBi	Sulphide biotite alt
SISX	Silica sulphide alt
OXSX	Oxidised and silicified
SMPY	Semimassive pyrite
PyFr	Py along fractures
Fluor	Fluorite
Greis	Greisenous
Rep	Replacement
Retro	Retrograde
SemiP	Semi pervassive
Vnlets	Veinlets
Fr	Mineral along fractures
OP	Overprinting mineralisation
Retro	Retrograde mineralisation
Den	Dendritic
Structure Vein Codes	
ActVN	Actinolite Vein
BSULPVN	Base metal Sulphide vein

Colours	
Primary Colour Codes	
Br	Brown
A	Grey
N	Black
Y	Yellow
R	Red
Gr	Green
W	White
O	Orange
Br	Blue
P	Purple
C	Cream
Shade	
1	Pale
2	
3	
4	
5	Dark

Mineralisation/alteration Codes	
Mineral Type	
Py	Pyrite
Aspy	Arsenopyrite
Chl	Chlorite
Se	Sericite
Cb	Carbonate
Ga	Galena
Sp	Sphalerite
Cpy	Chalcopyrite
Ep	Epidote
Cd	Cordierite
Gt	Garnet
Mu	Muscovite
Bi	Biotite
Ma	Magnetite
He	Hematite
Si	Silicification
Qz	Quartz
Po	Pyrrhotite
Mineral style	
Tr	Trace
P	Pervasive
D	Disseminated
Vn	Vein
Sp	Spots and clots
Eu	Euhedral crystals
Sv	Selvedge
Amount %	
Tr	Trace
<	< 1%
1	1%
2	2%

Structure Code	
Face	Facing
Ft	Fault
Sh	shear
Vn	vein
Fo	Foliation
Fr	fracture
Jt	Joint
Bd	Bedding
Fold	Fold
con	contact
lay	layering
bnd	banding
Ln	Lineation
CATA	Cataclasis
Slick	Slickensides
Pu	Puggy seam
Cl	Cleavage
Texture Code	
Pe	Peperitic
Pi	Pillowed
Ph	Phaneritic

mineral style additions add semi-pervassive, greis

Tr change to absolute values