

NO SAMPLE	
Code	Description
NS	NO SAMPLE
CAVERTY	CAVERTY

PERMIAN	
Code	Description
PGM	Permian Glacial Mud
PGS	Permian Glacial Sand
PGG	Permian Glacial Gravel
PGC	Permian Glacial Conglomerate
PGSS	Permian Glacial Sandstone
PGSC	Permian Glacial Sand and Clay
PGCY	Permian Glacial Clay

REGOLITH UNCONSOLIDATED	
Code	Description
TSAND	Aeolian sands
TSOIL	Soil
TPIS	Transported Pisolites
TALLUV	Alluvium
TCLAY	Transported Clays, ie lake clay
TLOAM	Loam and colluvium. Red silt and clay with fe nodules.
TLAG	surface lag: cobbles, float
TLAGQ	surface lag: predominatly qtz cobble and float
TLAGQFe	surface lag: qtz and Fe cobbles and float
TLAGFe	surface lag, predominatly Fe cobble and float
TLAGSD	surface lag, predominatly shale and sediment cobble and float

REGOLITH RESIDUAL	
Code	Description
RD	Duricrust
RHP	Hardpan
RPIS	Pisolitic Laterite
RCAL	Calcrete

REGOLITH OVERPRINT	
Code	Description
RFESTN	Ironstone
RCY	Saprolite Clay
RCYMZ	Mottled Clay Zone
RCYSE	Saprolite Clay sericitic
RCYKA	Saprolite Clay kaolinitic
RCYSIL	Saprolite Clay with secondary silicification
RCYFE	Saprolite Clay with Fe staining
RCYG	Saprolite Clay derived from granite or felsic gneiss
RCYMU	Saprolite Clay derived from mafic
RCYUM	Saprolite Clay derived from ultramafics
RSPRCK	Saprock. Rock textures visible in clay
RLS	Lower Saprolite
RUS	Upper Saprolite

SEDIMENT	
Code	Description
SD	sediment Undifferentiated
SDARN	Arenite. Clean qtz sandstone
SDST	Sandstone
SDARK	Arkose, feldspathic sandstone
SDBKSH	Black shale
SDSH	Shale
SDGS	Graphitic shale
SDLM	Limestone
SDMS	Mudstone
SDSL	Siltstone
SDCG	Conglomerate
SDGW	Greywacke
SDCH	chert
SDDL	Dolomite
SDPY	sulphidic sediment
BIF	Banded Fe chert
SDBIF	Banded Iron Formation
SDSTM	Sandstone micaceous

SCHIST	
Code	Description
SCH	Schist
SCHQ	quartz schist
SCHQS	Quartz sericite schist
SCHQSC	Quartz sericite chlorite schist
SCHQCS	quartz chlorite sericite schist
SCHQC	Qtz-Chlorite Schist
SCHQB	Schist Quartz biotite
SCHQFES	Qtz iron schist sericite
SCHS	Sericite Schist
SCHSQ	sericite quartz schist
SCHSMB	Sericite Muscovite Biotite Schist
SCHSQC	Sericite quartz chlorite schist
SCHSC	sericite chlorite schist
SCHC	Chlorite schist
SCHCQ	Chlorite-Qtz Schist
SCHCQS	Chlorite quartz sericite schist
SCHCSQ	chlorite sericite quartz schist
SCHCS	Chlorite sericite schist
SCHCT	Chlorite tremolite schist
SCHCTA	Chlorite tremolite actinolite schist
SCHB	Biotite schist
SCHFE	Schist: Fe rich

METAMORPHIC	
Code	Description
XSU	metasediment general
XQZ	Quartzite metamorphic
XCH	Chert metamorphic

MAFIC	
Code	Description
MU	Mafic Undifferentiated
MB	Basalt
MPB	Pillow basalt
MD	Dolerite
MGB	Gabbro
MA	Amphibolite
MHA	Hornblende amphibolite
MAA	Actinolite amphibolite
MCTR	Chlorite tremolite actinolite rock
MFP	Mafic porphyry
MUM	Mafic-ultramafic

ULTRAMAFIC	
Code	Description
UM	Ultramafic undifferentiated
UKM	Komatilite
UPX	Pyroxenite
UAC	Amphibole chlorite rock
UCTR	Chlorite tremolite rock
UCTS	Carbonate talc schist
UST	Serpentinite talc chlorite schist
UTC	Talc chlorite rock
UTCB	Talc carbonate chlorite rock
UTCS	Talc chlorite schist
ULS	Ultramafic layered complex

GNEISS	
Code	Description
PGN	paragneiss (sedimentary origin) undiff.
PGNQS	paragneiss: quartz sericite sedimentary origin
PGNCH	paragneiss. Foliated with cherty lenses
PGNQAB	paragneiss:quartz amphibole biotite paragneiss
GNQS	Gneiss quartz sericite
GNS	Gneiss: mostly white sericite
GNQF	Gneiss Qtz felspar
GNQFB	Gneiss quartz feldspar biotite
GNQFAB	Gneiss: qtz fsp amph biotite
GNQB	Gneiss quartz biotite
GNB	Gneiss: biotite rich
GNBAQF	Gneiss: biotite amphibole-rich lesser qtz felspar
GNBFQ	Gneiss: Biotite feldspar quartz
GNBEQF	Gneiss: biotite epidote quartz feldspar

GRANITE	
Code	Description
G	Granitoid: Undifferentiated Gneiss or Granite?
GT	Granite: undifferentiated
GTAF	Granite: Alkali feldspar quartz biotite epidote
GTGD	Granodiorite
GTDI	Diorite
GTTN	Tonalite
GTSQ	Granite: sericite quartz
GTQF	Granite: Quartz Feldspar
GTQFB	Granite: quartz feldspar biotite
GTPQ	Quartz porphyry
GTPF	Feldspar porphyry
GTPQF	Quartz feldspar porphyry
PEG	Pegmatite

FELSIC	
Code	Description
FL	Felsic: fine grained undifferentiated
FLAP	Aplite
FLRY	Rhyolite
FLDC	Dacite

ALKALINE	
Code	Description
ALCB	Carbonatite
ALKB	kimberlite
ALLP	Lamprophyre
ALSYN	Syenite

TECTONIC	
Code	Description
FAULT	FAULT gouge
MY	Mylonite
SHRSIL	Silicified shear

MINERALISATION	
Code	Description
MS	Massive sulphides
MZ	Mineralised zone

VEIN	
Code	Description
VNQZBK	Buck Qtz Vein
VNQZT	Quartz vein
VNQZF	ferruginous Qtz Vein
VNQZSER	Quartz sericite Vein
VNQZCB	Quartz Carbonate Vein
VNQZTMT	Quartz Tourmaline Vein
VNLIM	Limonite
VNHE	Heamatite Vein
VNCB	Carbonate Vein

ALTERATION	
Code	Description
carb	carbonate
chl	chlorite
ep	Epidote
fer	ferruginous
fsp	feldspar
ka	kaolinite
lim	limonitic
serc	Sericite
sil	siliceous
biot	biotite

ALTERATION STYLE	
Code	Description
band	banded
diss	disseminated
fract	Fracture controlled
mtx	matrix
ovpr	mineral overprint
patchy	patchy
perv	pervasive
selv	vein selvedge alteration
vn	fine vein network

Colour Tone	
Code	Description
dk	dark
lt	light

Colour Code	
Code	Description
bk	black
bl	blue
bn	brown
cw	cream
gn	green
gy	grey
kk	kahki
ol	olive
or	orange
pk	pink
pu	purple
rd	red
tn	tan
tt	translucent
wh	white
ye	yellow

LITH TEXTURE (Primary)	
Code	Description
acic	acicular
aggl	agglomerate
amo	amorphous
anast	anastomosing
ang	angular
anh	anhedral
aphan	aphanitic
bed	bedded, bedding
blad	bladed
bleb	blebby
bnd	banded
bxsd	brecciated sedimentary
chty	cherty
clast	clastic
eqg	equigranular
eqganh	equigranular anhedral
eqgeuh	equigranular euhedral
eqgsubh	equigranular subhedral
euh	euhedral
fib	fibrous
fiss	fissile
fol	foliated
frag	fragmental
friab	friable
gns	gneissic
granb	granoblastic
inbed	interbedded
irr	irregular
lam	laminated
mas	massive
mcum	mesocumulate
mic	micaceous
migm	migmatitic
nod	nodular
ocum	orthocumulate
porph	porphyritic
pyblast	porphyroblastic
rbbl	rubby
rnd	rounded
spfx	spinifex texture
sptc	spherulitic
vug	vuggy
xbedded	crossbedded

LITH FABRIC	
Code	Description
bx	brecciated
fol	foliated
folstr	foliated strong
folwk	foliated weak
sch	schistose
shd	sheared

Minerals	
Code	Description
act	actinolite
ag	Silver
alb	Albite
amp	amphibole
and	Andalusite
anh	Anhydrite
ank	ankerite
ant	Anthophyllite
ap	Apatite
asb	asbestos
asp	arsenopyrite
au	Native gold
az	Azurite
bar	Barite
bon	Bornite
bt	biotite
cal	calcite
cb	Carbonate
cc	Chalcocite
chd	Chloritoid
chl	chlorite
chr	Chromite
cord	Cordierite
cov	Covellite
cpr	Cuprite
cpx	Clinopyroxene
cpy	Chalcopyrite
cu	Copper mineralisation or Native copper
dp	Diopside
el	Electrum
en	Enargite
ep	Epidote
fi	Fluorite
fsp	Feldspar
fu	Fuchsite
ga	Garnet
gl	Galena
gm	Gypsum
gnt	garnet
go	Goethite
gph	Graphite
gu	Grunerite
ha	Halite
hb	Hornblende
hm	Hematite
im	Ilmenite
kn	Kaolinite
ksp	KSP
ky	Kyanite
lim	Limonite
lu	Leucite
lx	Leucoxene
mcf	Manganese-Co-Fe
mgn	Magnesite
ml	Mica
ml	Malachite
mng	Manganese
mol	Molybdenite
mt	Magnetite
mtm	Montmorillonite
mus	Muscovite
mz	Monazite
no	Nontronite
np	Nepheline
olv	Olivine
opal	Opalised
opx	Orthopyroxene
osu	Oxidised sulphide
ox	Oxide
ph	Phosphate(ic)
phl	phlogopite
plg	plagioclase
pnt	Pentlandite
po	Pyrrhotite
px	Pyroxene
py	Pyrite
qtz	qz
ru	Rutile
sa	Sanidine
sb	Stibnite
sch	Scheelite
ser	sericite
sf	Sphene
sg	Smectite
sid	Siderite
sm	Sillimanite
sn	Cassiterite
so	Staurolite
sph	sphalerite
sr	Serpentine
su	Sulphide
sv	Sulphur
sy	Sylvite
tc	Talc
te	Tellurides
tm	Tremolite
to	Tourmaline
wf	Wolframite
wm	White Mica
zr	Zircon
zt	Zeolite

Mineral Style	
Code	Description
bby	blebby
bed	bedded
bnd	banded
diss	disseminated
msv	massive
mtx	matrix
pat	patchy
perv	pervasive
slv	selvedge(vein)
str	stringer

Vein Code	
Code	Description
cb	carbonate
heam	heamatite veins
lim	limonite veins
qtz	quartz
qtzcb	quartz carbonate veins
qtzfe	quartz Fe
qtzfsp	quartz feldspar
qtzlim	quartz limonite
qtzmt	quartz magnetite
qtzser	quartz sericite

Vein Style	
Code	Description
anast	Anastomosing
Boud	Boudinaged
bx	Breccia
enech	En echelon
fol	foliation
fold	Folded
fract	fracture/gash fill
ladder	ladder veins
layer	Layered
lenz	Lenzoidal
planar	planar
ptyg	Ptygmatic
sheeted	sheeted veins
sigm	Sigmoidal
string	Stringer
stwk	stockworks
wisp	wispy