

BURNSIDE OPERATIONS P/L LITHOCODES

Colour	Description
bb	black brown
bk	black
bl	blue
br	brown
cb	cream brown
cm	cream
cr	crimson
cy	cream yellow
db	dark brown
dg	dark green
dk	dark khaki
do	dark orange
dp	dark purple
dr	dark red
db	dark blue
dx	dark grey
dy	dark yellow
gb	green brown
gg	green grey
gk	green khaki
gn	green
qw	green yellow
gy	grey
kb	khaki brown
kc	khaki cream
kg	khaki green
kh	khaki
kr	khaki red
ky	khaki yellow
lb	light brown
lc	light cream
lq	light green
lk	light khaki
lb	light blue
lo	light orange
lp	light pink
lr	light red
lu	light purple
ly	light yellow
nb	pink brown
nc	pink cream
na	pink grey
ng	pink green
nk	pink khaki
ob	orange brown
oc	orange cream
oe	orange grey
og	orange green
ok	orange khaki
or	orange
pb	purple brown
pc	purple cream
pe	purple grey
pg	purple green
pi	pink
pk	purple khaki
pu	purple
rb	red brown
rc	red cream
rd	red
re	red grey
rk	red khaki
ub	blue brown
uc	blue cream
ue	blue grey
ug	blue green
bk	blue khaki
wo	white
wb	white brown
wc	white cream
we	white grey
wg	white green
wh	white
wk	white khaki
yb	yellow brown
vc	yellow cream
ve	yellow
vg	yellow green
vk	yellow khaki
vo	yellow orange

Weathering	Description
o (1)	oxidised
t (2)	transitional
f (3)	fresh

Lithocode	Description
Alu	Alluvium
BIF	Banded Iron Fm
BX	Breccia
Pshc	Carbonaceous shale
Pca	Carbonate
Pc	Chert
Cl	Clay
Pdz	Dolerite
Fault	Fault
Fill	Fill
Pgr	Granite
Pis	Ironstone
Lat	Laterite
Pgt	Greywacke
Pm	Mudstone
Pph	Phyllite
Qtz	Quartz
Pst	Sandstone
Sap	Saprolite
Pcl	Schist
Psh	Shale
Psl	Siltstone
Shear	Shear
Sol	Soil
Stope	Stope
Pvt	Tuff

Alteration	Description
ab	albite
am	amphibole
at	actinolite
au	gold
bi	biotite
ct	carbonate
cy	clay
ep	epidote
fd	feldspar
fe	ferruginous
fu	fuchsite
gb	gibbsite
gh	goethite
gn	garnet
gy	gypsum
hm	haematite
js	jaspolite
ka	kaolinite
kf	K-feldspar
lm	limonite
mg	magnesite
mh	maghemite
mi	mica
mm	montmorillonite
mn	manganese
mt	magnetite
mu	muscovite
mv	molybdenite
no	nontronite
ov	olivine
pg	plagioclase
ph	phlogopite
po	pyrrhotite
px	pyroxene
py	pyrite

Alteration	Description
qz	quartz
se	sericite
si	silica
sm	smectite
sp	serpentinite
su	sulphide
ta	tantalite
tc	talca
tm	tremolite
to	tourmaline

Vein Type	Description
Va	calc rich zone in ultramafic
Vb	Quartz carbonate boudinaged
Vc	carbonate +/- quartz late stage
Vcb	carbonate vein
Vch	chlorite vein
Ve	dark brown non magnetic veins in chert
Vt	quartz chlorite carbonate vein in chert
Vn	chlorite-pyrite thin wispy black veins
Vk	carbonate +/- chlorite in ultramafic
Vm	quartz-carbonate chlorite/sulphides
Vp	sulphides +/- chlorite, quartz, chert
Vqb	quartz-carbonate
Vqc	quartz-chlorite
Vqm	quartz-molybdenite
Vap	quartz-pyrite
Vqt	quartz-tourmaline
Vgz	quartz vein
Ve	late stage grey quartz
Vt	magnetite-chlorite in chert
Vy	quartz-carbonate-molybdenite-pyrite
Vz	quartz and tourmaline
Xc	breccia, carbonate matrix
Xm	breccia, chlorite +/- magnetite matrix
Xo	breccia, with 0 alteration matrix
Xg	breccia, with qtz matrix
Xt	breccia, with tourmaline matrix

Code	Sulphides
as	arsenopyrite
bn	bornite
cc	chalcocite
cp	chalcopyrite
ga	galena
sp	sphalerite
mo	molybdenite
po	pyrrhotite
py	pyrite

Texture	Description
bx	brecciated
gf	fine grained
iq	igneous
ma	massive
mf	moderately foliated
ph	porphyritic
sf	strong foliation
sp	spotty
vs	vesicular
wf	weakly foliated