



GIANTS REEF MINING NL

GEOLOGICAL LEGEND

ROCK CODE

Volcanic

Vu	Undifferentiated
Vf	Felsic volcanic
Vb	Basic volcanic
Vt	Tuff

Intrusives

Iu	Undifferentiated
Ip	Porphyry
Io	Diorite
Ig	Granite
Id	Dolerite
Il	Lamprophyre

Sedimentary

Su	Undifferentiated
Sc	Conglomerate
Sb	BIF
St	Chert
Ss	Sandstone
Sh	Shale
Si	Limestone
Sl	Siltstone
Sz	Quartzite
Sw	Greywacke

Metamorphic

Mi	Ironstone
Mj	Jasper
Md	Dolomite
Ms	Schist
Mg	Gneiss
Ma	Amphibolite
Qv	Quartz

Alteration

Aun	Undifferentiated
Asl	Altered Siltstone
Acy	Clay rock
Achl	Chlorite rock
Asw	Altered Greywacke

Regolith/Overburden

Oc	Soil/Colluvium
Oh	Hardpan
OI	Laterite/Ferricrete
Os	Silcrete
Oa	Alluvium
Og	Gravel
Ob	Calcrete
Oy	Clay
Od	Unconsolidated Sand

TEXTURE/FABRIC

pi	pisolitic	bd	bedded
fo	foliated	la	layered
ma	massive	sh	sheared
pr	porphyritic	fo	folded
bx	brecciated (may be used as in rock Type if strong)	ft	faulted
fd	fine-grained	fr	fractured
md	medium-grained	ba	banded
cd	coarse-grained		

WEATHERING

W	Weathered
T	Transitional
F	Fresh
H	Water Table (Hydro)

ALTERATION COLUMNS

He	Hematite
Cl	Chlorite
Tl	Talc
Do	Dolomitisation
Si	Silicification

Alteration Intensity on 1 – 5 Scale

1 = very weak
5 = very strong

VEINING

(written as %volume)

Qv	Quartz veining
Cv	Carbonate veining

MINERALISATION COLUMN

(Written as symbol + intensity, ie; cp1 = weak chalcopyrite)

cp	chalcopyrite
bo	bornite
az	azurite
ma	malachite
cc	chalcocite
py	pyrite
sp	sphalerite
cc	chalcocite

AGE

C	Cambrian
P	Proterozoic

COLOUR

br	brown
rd	red
gy	grey
wh	white
ye	yellow
pk	pink
gn	green
pu	purple
bk	black
rbr	red-brown
ybr	yellow-brown
gbr	grey-brown
be	beige
or	orange
dk	dark
lt	light