LEGEND

1. General Form

Colour, grain size, overall texture, Rock Type, constituents & textutres, alteration, mineralisation.

Descriptors and Rock Types to be separated by comma or slash. Derwent series 19 colours (in brackets) are intended for the Cambrian sequences.

2. Rock Types

Lavas L
- c (9) acid
- i (46) intermediate
- b (45) basaltic
- r (9) rhyolitic
- d (11) dacitic
- n (46) andesitic

Intrusives I
- c (12) acid
- i (46) intermediate
- b (46) basic
- fel felsic
- p porphyritic
- g (12) granitic
- peg pegmatitic

Volcaniclastics V
- pm (7) pumiceous mass flow
- c (32) quartz phyric mass flow
- sst (52) sandstone

Sediments S
- sh (35) shale
- sl (36) slate incl. black slate
- st (35) siltstone
- sst (36) sandstone
- tb turbidite
- w (34) wacke
- cong (36) conglomerate
- b breccia
- ch (34) chert
- lst (65) limestone
- dol (65) dolomite
- q (36) quartzite
- f a iron formation
- gl (4) glacial deposits
- fg (4) fluvioglacial deposits
- alv (4) alluvial deposits
- mst (35) mudstone

Metamorphic Rocks M
Colours should be hatched
- sch (36) schist
- hg (35) semi-pelite
- ps (36) psammite
- amph (46) amphibolite
- gran granulite
- sk skarn
- mb (65) marble
- m mylonite

Unassigned ?
Use alone or as a qualifier to other rock types where uncertain.

3. Descriptors

Colour:

ple	pale	bl	blue
dk	dark	wht	white
clr	clear	yel	yellow
or	orange	ol	olive
blk	black	grn	green
pk	pink	ppl	purple
rd	red	crm	cream
brn	brown		

Grainsize:

fg	fine grained
mg	medium grained
cg	coarse grained
vcg	very coarse grained

Overall Texture:

aug	augen
p	porphyritic
fol	foliated
clvd	cleaved
mav	massive
blk	blocky
bd	bedded
lam	laminated
xbd	cross bedded
xlam	cross laminated
br	brecciated
fb	flow banded
fb.	flow brecciated

Constituents & internal Textures:

f	feldspar
q	quartz
l	lithic
pm	pumice
stylol	stylolites
wisp	wisps
ves	vesicles
sph	spherulites
lph	lithophysae

Alteration:

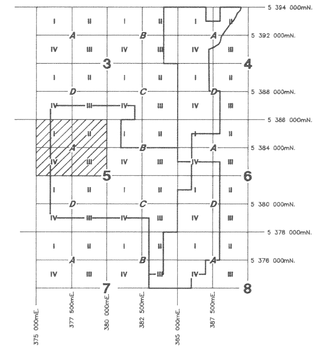
alb	albitised
co	carbonate alteration
chl	chloritised
ser	sericited
kao	kaolinised
ep	epidotised
sil	silicified

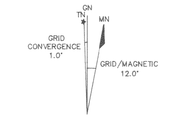
Mineralisation:

diss	disseminated
str	stringer
mav	massive
gos	gossan
bx	boxwork
py	pyrite
po	pyrrhotite
asp	arsenopyrite
gn	galena
sp	sphalerite
mag	magnetite
hm	haematite

4. Mapping Symbols

- Strike and Dip of Strata (25°)
- Strike and dip of inverted strata
- Strike and dip of cleavage or foliation (60°)
- Plunge of lineation (50)
- Geological boundary position accurate
- Geological boundary position approximate
- Unconformity
- Fault
- Thrust Fault
- Plunging antiform
- Plunging synform
- Mine
- Abandoned prospect or mine
- Costean or trench
- Diamond drill hole, including projection
- Shear/mylonite
- Intense regional cleavage
- Tectonic breccia
- Manganese oxide coating or outcrop
- Disseminated pyrite
- Mineralisation massive, disseminated
- Excess Mass, >1mGal anomaly 1991 Gravity Survey
- Cross section marker (D)





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E.L. 44/88 - BURNS PEAK
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