

FACT GEOLOGICAL MAPPING LEGEND MAC 79, IIO PLAN SERIES

(NOTE: COMPLETE LIST OF ABBREVIATIONS IS STORED ON HP-1000 FILE ABBRV.HL:14)

LITHOLOGY COMPOSITION

R	Rhyolite
D	Dacite
A	Andesite
B	Basalt
Y	Polymict
Ss	Sandstone
Sh	Shale
Slt	Siltstone
Ba	Barite
Py	Pyrite
BMS	Base Metal Sulphide
Ch	Chert
TB	Tertiary Basalt
JDo	Jurassic Dolerite
OCg	Ordovician Conglomerate

ALTERATION COMPOSITION

Co	Carbonate
Cl	Chlorite
Kf	K-feldspar
Fu	Fuchsite
Py	Pyrite
Se	Sericite
Si	Silica

COLOUR

br	brown
bk	black
gy	grey
gn	green
or	orange
pk	pink
wh	white
yw	yellow
bl	blue

LITHOLOGY TEXTURE / FORM

l	lava
lb	lava breccia
pl	pillow lava
av	ash volcanoclastic
flv	fine lapilli volcanoclastic
mlv	medium " "
clv	coarse " "
bv	breccia " "
xv	crystal " "
ves	vesicular
por	porphyritic
eux	eutaxitic
fbn	flowbanded
gnr	granular
ibd	interbedded
md	matrix dominant

ALTERATION TEXTURE / FORM

per	pervasive
dis	disseminated
pat	patchy
spt	spotty
sfr	selected fragments
stw	stockwork
stc	structure controlled
vn	vein
mtx	matrix

FAULT TERMS

cav	cavernous
lch	leached
sik	slickenside
rhd	rehealed
rbb	rubble
shd	sheared

VOLCANICLASTIC SIZE RANGE

> 2mm	ash
2-8	fine lapilli
8-32	medium lapilli
32-64	coarse lapilli
> 64	breccia

ALTERATION INTENSITY WEATHERING INTENSITY

1	trace
2	weak
3	moderate
4	strong
5	extreme

GENERAL TERMS

tr	trace
lgt	light
dk	dark
brt	bright
ox	oxidised
fg	fine grained
mg	medium grained
cg	coarse grained

ABBREVIATED DESCRIPTION FORMAT

LITHOLOGY:

LITHOLOGY WEATHERING ALTERATION
 colour, composition, form, texture / intensity / composition, intensity, form, texture
 example gy - gn, YA, flv / Ox3 / Fu.3, dis
 Interpretive comment can be added in brackets ()

FAULT:

WIDTH (cms) / MINERALOGY, TEXTURE
 example F 20 / Cl, cav.

VEIN:

WIDTH (cms) / MINERALOGY, TEXTURE
 example V 5 / Q, Py, cav.

INTERPRETIVE GEOLOGICAL MAPPING LEGEND MAC89, III PLAN SERIES

VOLCANICS

R.I	Rhyolite lava, lava breccia
R.Ib	Rhyolite volcanoclastic
R.av	Rhyolite volcanoclastic
R.lv	Rhyolite volcanoclastic
R.bv	Rhyolite volcanoclastic
R.xv	Rhyolite volcanoclastic
YR.av	Rhyolitic Polymict volcanoclastic
YR.lv	Rhyolitic Polymict volcanoclastic
YR.bv	Rhyolitic Polymict volcanoclastic
D.I	Dacite lava, lava breccia
D.Ib	Dacite volcanoclastic
D.av	Dacite volcanoclastic
D.lv	Dacite volcanoclastic
D.bv	Dacite volcanoclastic
D.xv	Dacite volcanoclastic
YD.av	Dacitic Polymict volcanoclastic
YD.lv	Dacitic Polymict volcanoclastic
YD.bv	Dacitic Polymict volcanoclastic
A.fp.l	Andesite feldsparphyric lava, lava breccia
A.fp.lb	Andesite feldsparphyric lava, lava breccia
A.l	Andesite lava, lava breccia
A.lb	Andesite volcanoclastic
A.av	Andesite volcanoclastic
A.lv	Andesite volcanoclastic
A.bv	Andesite volcanoclastic
A.xv	Andesite volcanoclastic
YA.av	Andesitic Polymict volcanoclastic
YA.lv	Andesitic Polymict volcanoclastic
YA.bv	Andesitic Polymict volcanoclastic
B.l	Basalt lava, lava breccia
B.lv	Basalt volcanoclastic
B.pl	Basalt pillow lava
B.ov	Basalt volcanoclastic
B.lv	Basalt volcanoclastic
B.bv	Basalt volcanoclastic
B.xv	Basalt volcanoclastic
YB.av	Basaltic Polymict volcanoclastic
YB.lv	Basaltic Polymict volcanoclastic
YB.bv	Basaltic Polymict volcanoclastic
Y.av	Polymict rock
Y.lv	Polymict rock
Y.bv	Polymict rock
av	Ash volcanoclastic (composition not determined)

SEDIMENTS

Ss	Sandstone, micaceous Greywacke
Sh	Shale, black (carbonaceous, pyritic)
Slt	Siltstone, tuffaceous Siltstone

SULPHIDES, SULPHATES

BMS	Base Metal Sulphide rock
MPy	Massive pyrite rock
GSP	Glassy silica, colloform pyrite rock
Ba	Barite

POST CAMBRIAN ROCKS

TB	Tertiary Basalt
JDo	Jurassic Dolerite
OCg	Ordovician Siliciclastics

ALTERATION ROCK TYPES

HA	Highly altered rock
Qll	Quellite
Q-lv	Quellite fragmental
Q-bv	Quellite fragmental

PARTIAL STRATIGRAPHIC COLUMN

TB	8	TERTIARY BASALT
JDo	32	JURASSIC DOLERITE
OCg	20	ORDOVICIAN SILICICLASTICS
URS	65	UPPER RHYOLITIC SEQUENCE
QRS	68	QUE RIVER SHALE
MGW	71	MT. CHARTER MICACEOUS GREYWACKE
HBS	45	HELLYER BASALT SEQUENCE
HVS	56	HANGINGWALL VOLCANICLASTIC SEQUENCE
SWB	56	SWITCHBACK VOLCANICLASTIC SEQUENCE
HMS	21	HELLYER MINERALISED SEQUENCE
FPS	48	ANDESITE FELDSPAR PHYRIC SEQUENCE

ALTERATION SYMBOLS Overprint on "HA" symbol (Combinations can be used)

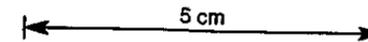
	Carbonate		Illite
	Chlorite		Feldspar
	Fuchsite		Pyrite
	Sericite		Silica

SYMBOLS MAC79, IIO AND MAC89, III SERIES

(SYMBOLS AS SHOWN IN ABEX "STANDARDS FOR GEOLOGICAL DRAWINGS", JAN. 1983)

LINE TH'NESS / LEROY LETTER SIZE (LENGTH AS SHOWN)

·35		Outcrop boundary
·35		Float
·35		Contact known
·35		Contact interpreted
·35		Contact inferred
·35		Facies change
·35		Unconformity
·25		Anticline, syncline with plunge and trend
·25		Minor fold with plunge and trend
·25/50		Bedding, strike, dip
·25/50		Foliation, strike, dip
·25/50		Joint, strike, dip
·5/50,100		Fault, definite, strike, dip, mineralogy
·5/100		Fault, inferred
·35		Shear zone
·35/60		DDH collar and trace, top 20m geology shown
·25		Grid line, stadia surveyed
·25		Grid line, tape and compass survey
·25		Grid line, nominal position
/60		Petrology sample location
·35		Track, unsurveyed
·35		Road (unsealed) or track, surveyed
·7		Major road
·35		Costean
·25		Creek
·35		Mining Lease boundary
·5		Exploration Licence boundary
/60		Peg with number, tape and compass surveyed
/60		Peg with number, stadia surveyed
·25		Alteration boundary



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Aberfoyle Exploration Pty Ltd

REVISIONS				NORTH WEST TASMANIA		Compiled: AMH
Init	Date	Init	Date	MACKINTOSH E.L.2/70, HATFIELD E.L.15/73		Drawn: AMH
GLC	12-85			SURFACE GEOLOGICAL MAPPING LEGEND		Traced: GLC
GLC	1-86					Checked: AMH
Location Code: K55/6/44				Scale: _____	Date: November, 1985	Plate No: MAC 114