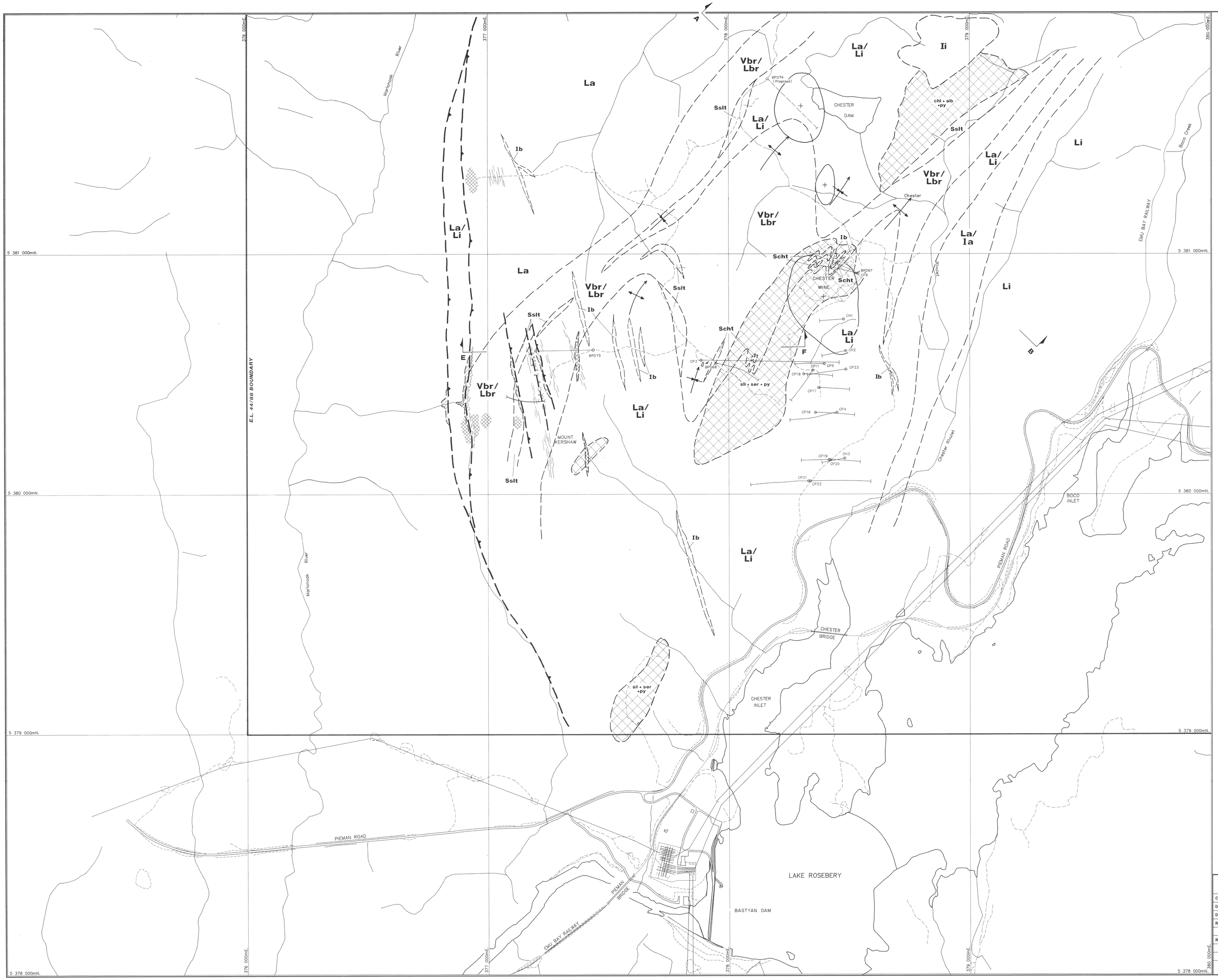

LEGEND

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

a	(9)	acid
i	(46)	intermediate
b	(46)	basaltic
r	(9)	rhyolitic
d	(11)	dacitic
n	(46)	andesitic

Intrusives I

a	(12)	acid
i	(46)	intermediate
b	(46)	basic
fel		felsic
p		porphyritic
g	(12)	granitic
peg		pegmatitic

Volcaniclastics V

pm	(7)	pumiceous mass flow
q	(32)	quartz phyric mass flow
sst	(32)	sandstone

Sediments S

sh	(35)	shale
t	(36)	slate incl. black slate
slt	(36)	siltstone
sst	(36)	sandstone
tb		turbidite
w	(36)	wacke
cong	(36)	conglomerate
b		breccia
cht	(34)	chert
lst	(65)	limestone
dol	(65)	dolomite
q	(36)	quartzite
Fe		iron formation
gl	(4)	glacial deposits
fgl	(4)	fluvioglacial deposits
alv	(4)	alluvial deposits
mst	(35)	mudstone

Metamorphic Rocks M
Colours should be hatched

sht	(36)	schist
sp	(35)	semi-pelite
ps	(36)	psammite
amph	(44)	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
vbd	cross bedded
vlam	cross laminated
br	brecciated
fb	flow banded
f.b.	flow brecciated

Constituents & Internal Textures:

f	feldspar
q	quartz
l	lithic
pm	pumice
styl	stylolites
wsp	wisps
ves	vesicles
sph	spherulites
ph	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
- Mine
- Abandoned prospect or mine
- Costean or trench
- Diamond drill hole, including projection
- Unconformity
- Fault
- Thrust Fault
- Plunging antiform
- Plunging synform
- Cross section marker (A)
- Shear/mylonite
- Intense regional cleavage
- Disseminated pyrite
- Tectonic breccia
- Manganese oxide coating on outcrop
- Mineralisation: massive, disseminated
- Excess Mass, 1mGal anomaly 1991 Gravity Survey

GN TN MN
GRID CONVERGENCE 1.0°
GRID/MAGNETIC 12.0°

PASMINCO EXPLORATION

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1:5000
SHEET 5D