LEGEND

KITSAULT STRATIGRPHIC COLUMN

Middle-Upper Jurassic
BOWSER GROUP

- D — Mudstone, arenaceous wacke, debris breccia

Pre-Middle Jurassic
"HAZELTON GROUP"

- C — Hanging wall volcanics
  - 22 — Basaltic lapilli-ash, ash, lapilli tuff with minor tuff breccia and amygdaloidal flow
  - 21 — Carbonate diamictite
  - 20 — Andesitic ash, lapilli-ash tuff, accretionary tuff with interlaminated chert, sulphidic tuff, limestone and epiclastic components
  - 19 — Andesitic ash, accretionary lapilli tuff with interlaminated chert, sulphidic tuff, limestone and epiclastic components
  - 18 — Andesitic lapilli tuff marker
- B — Carbonate (sub-basin) package
  - 17 — Mudstone
  - 16 — Lithic breccia
  - 15 — Carbonate laminate/limestone
  - 14 — Carbonate/sulphate laminate
  - 13 — Carbonate/sulphide/sulphate laminate
  - 12 — Sulphidic tuff
  - 11 — Tuff Cycles
  - 10 — Andesitic to dacitic ash, lapilli-ash tuff
  - 9 — Mudstone
  - 8 — Limestone
  - 10 — Andesitic to dacitic ash, lapilli-ash tuff
  - 7 — Carbonate diamictite
- A — Footwall volcanics
  - 6 — Andesitic ash, lapilli-ash tuff
  - 5 — Eutaxitic tuff (flow breccia?)
  - 4 — Rhyolitic tuff, flow, agglutinate
  - 3 — Red and green andesite tuff with minor epiclastics
  - 2 — Andesitic tuff
  - 1 — Wackes, minor conglomerate

INTRUSIVE ROCKS

- HbP — hornblende porphyritic dyke/sill

TEXTURAL MODIFIERS

Flows:

mF	massive
pF	pillowed
BxF	breccia
porF	porphyritic
spherF	spherulitic
perlF	perlitic
fbF	flow banded
trcF	trachytic
amygF	amygdaloidal

Pyroclastics:

Agg	Agglomerate 2/3 of clasts <64mm
Bx	breccia 2/3 of clasts <64mm
TBx	tuff breccia 1/3-2/3 of clasts <64mm
LT	lapilli tuff 2/3 of clasts 2-64mm
LAT	lapilli-ash tuff 1/3-2/3 of clasts 2-64mm
AT	ash tuff 2/3 of clasts <2mm
CT	crystal-rich tuff
WT	water lain tuff
wpF	welded pumice fragments
accL	accretionary lapilli

Epiclastics:

cal	calcareous
cgr	coarse-grained
mgr	medium-grained
fgr	fine-grained
carb/grp	carbonaceous/graphitic
lmst	limestone
mst	mudstone

Structures:

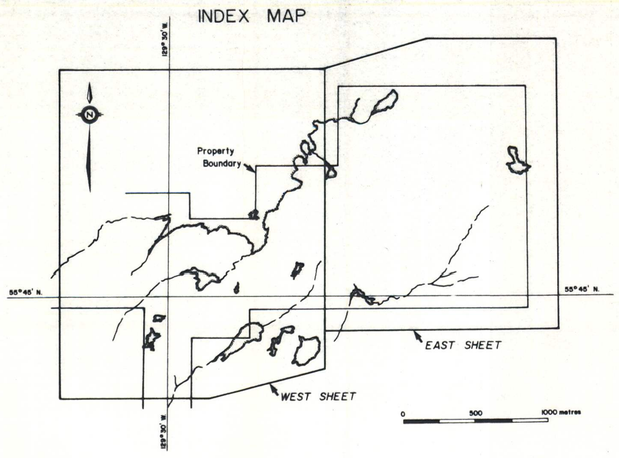
ngb, rgb	graded bedding
msb	massive bedded >30cm
mdb	medium bedded 10-30cm
fb	fine bedded <10cm
lam	laminated >1cm
cont/slum	contorted/slumped
flt	fault
gg	gouge
v	vein

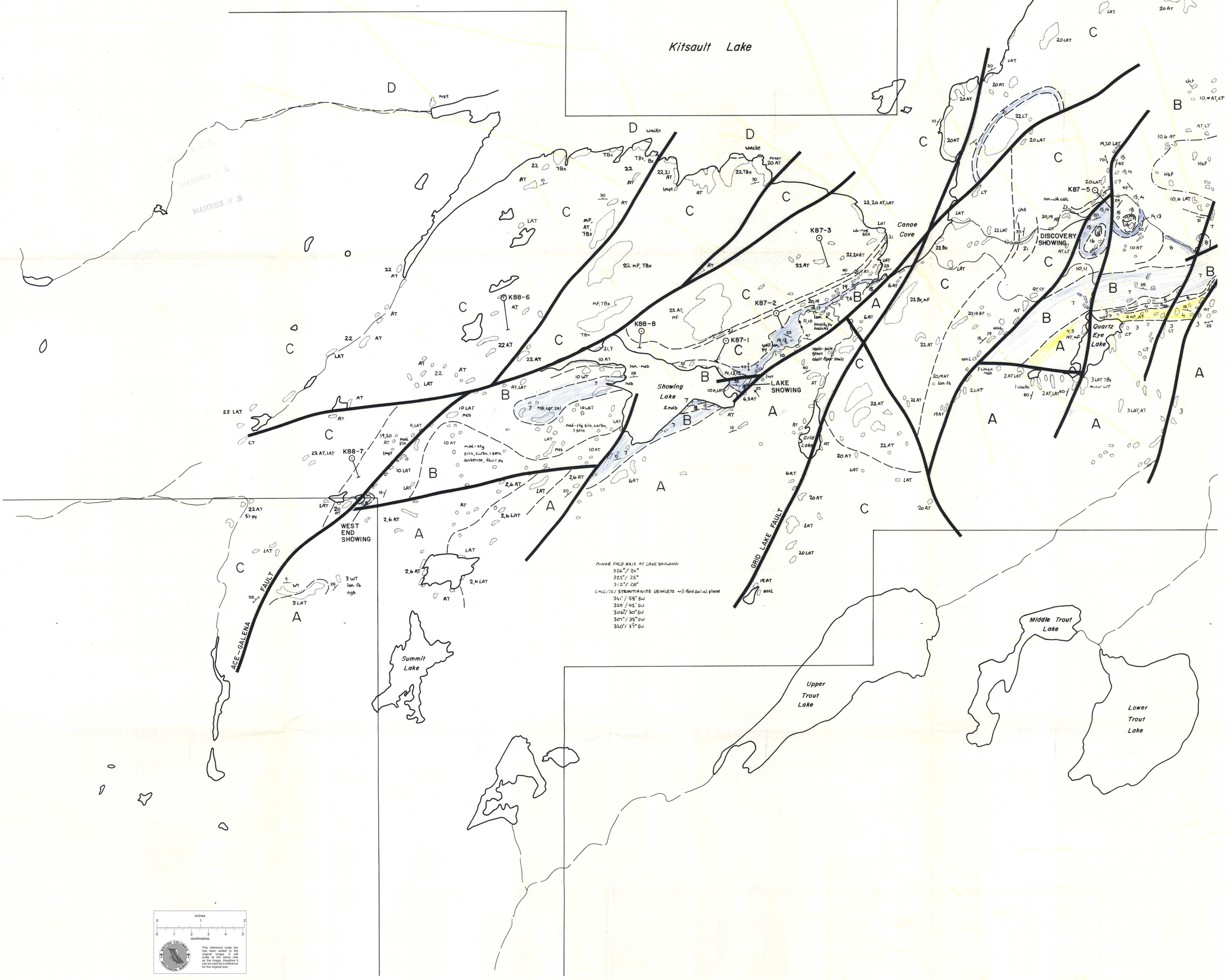
Symbols:

- outcrop
- × small outcrop
- ∘ float
- geologic contacts
  - defined
  - inferred
  - assumed
- bedding attitude
- joint attitude
- foliation attitude
- lineation attitude
- fold attitude
- trench
- adit
- pit
- claim post

Minerals:

py	pyrite
ga	galena
sp	sphalerite
cp	chalcopyrite
hz	hydozincite





0 50 100 200 300 400 500m

1:5000

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Fig. 4 a GEOLOGY with notes

SHEET INDEX 2

PRELIMINARY RECONNAISSANCE TYPE MAPPING
Scale and elevation datum based on limited ground control resulting in good relative but uncertain map accuracy

REF. No 1115 - 0

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Compiled from aerial photography taken in July 1982 at an approximate scale of 1: 20 000

SCALE 1:5000	CONTOUR INTERVAL 10 Metres
DATE COMPILED June 1987	SHEET NUMBER 2 of 2

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KITSAULT LAKE