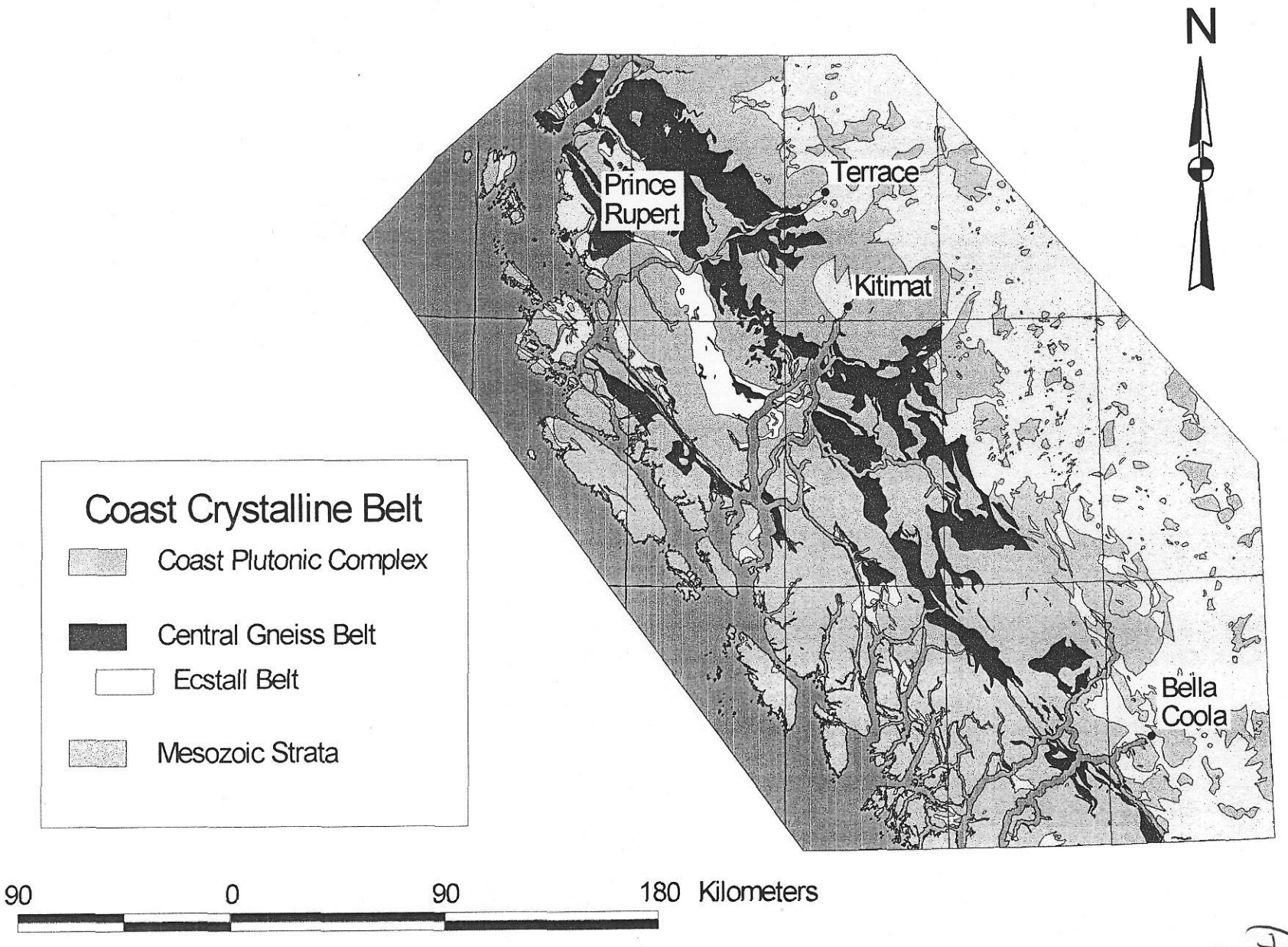
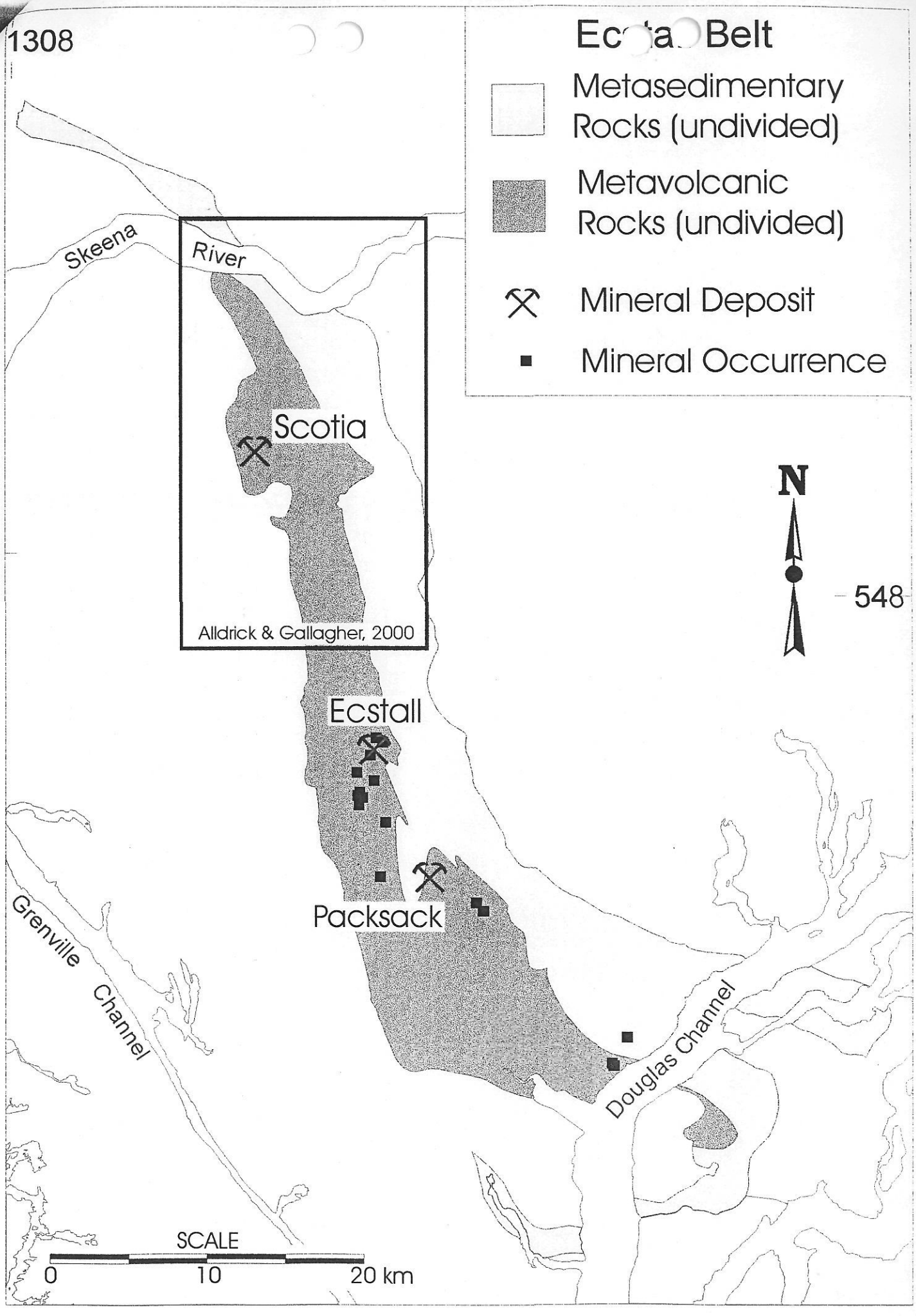
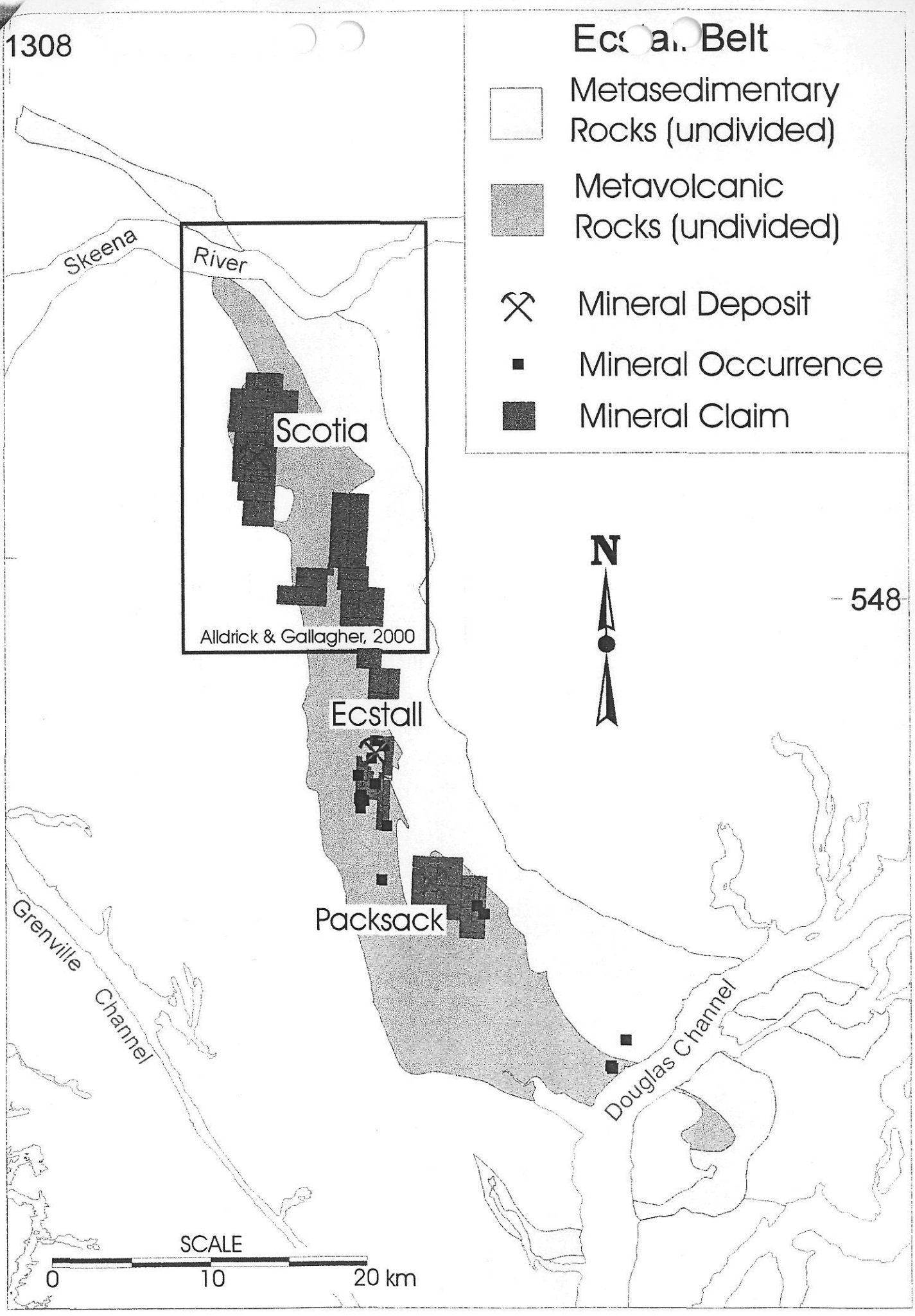
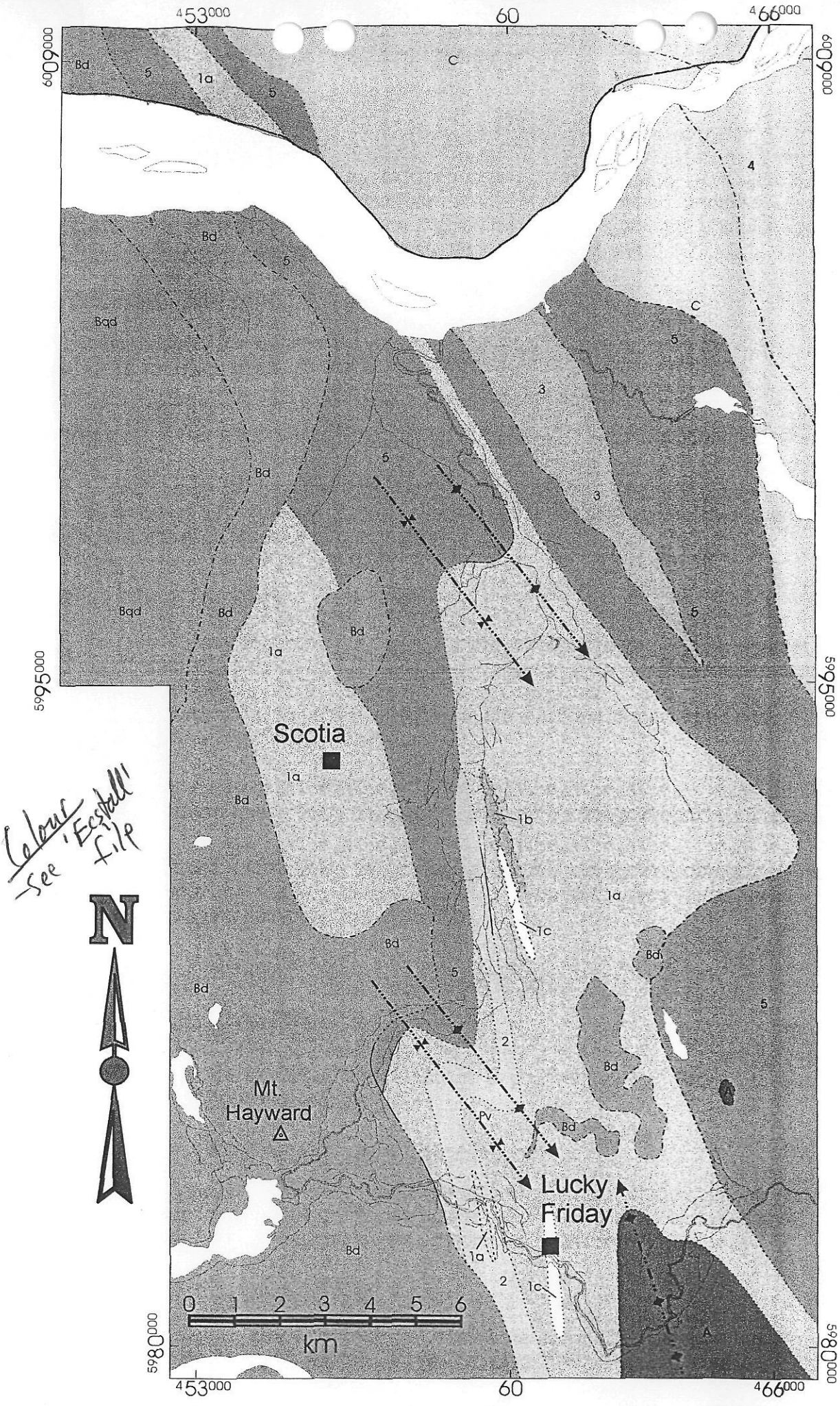

N
Prince Rupert
Terrace
Kitimat
Bella Coola
Coast Crystalline Belt
Coast Plutonic Complex
Central Gneiss Belt
Ecstall Belt
Mesozoic Strata
90
0
90
180 Kilometers

8874702


Ecstall Belt
Metasedimentary Rocks (undivided)
Metavolcanic Rocks (undivided)
Mineral Deposit
Mineral Occurrence
Skeena River
Scotia
Alldrick & Gallagher, 2000
Ecstall
Packsack
Grenville Channel
Douglas Channel
N
548
SCALE
0
10
20 km


Ecstall Belt
Metasedimentary Rocks (undivided)
Metavolcanic Rocks (undivided)
Mineral Deposit
Mineral Occurrence
Mineral Claim
Skeena River
Scotia
Alldrick & Gallagher, 2000
Ecstall
Packsack
Grenville Channel
Douglas Channel
N
548
SCALE
0
10
20 km



Colour see 'Ecstall' file

LEGEND

STRATIFIED ROCKS

Colour - see 'Ecstall' file

PALEOZOIC (Devonian ?)

GNEISS

5 Mafic to intermediate gneiss. Biotite epidote hornblende mafic gneiss. Resistant, black to greenish black rock. Commonly migmatitic in northern areas. Medium grained, granular. Locally contains pyrite-, garnet- and diopside-rich boudins and lenses. Medium grained, granular, light grey weathering biotite q-f gneiss is present in southern portions of unit.

METASEDIMENTARY ROCKS

4 Mixed metasedimentary rocks of the Khtada Lake area. Not mapped in this study. See Hollister (1977, 1982) for description.

3 Quartzite Unit of Gareau (1997). Not mapped in this study. May be correlative with unit 2.

2 Quartzite and Quartz Schist: Quartzite is a light grey, resistant rock, >95% quartz. Fine grained to very fined grained. Laminations of muscovite with trace to minor pyrite. Interlayered with garnet *biotite quartz schist in the southern map area*

METAVOLCANIC ROCKS

1c Felsic Volcanic Rocks: Pyritic quartz biotite muscovite schist to semi-schist ± garnet. Fissile and recessive. Commonly associated with quartz-rich metasediments within metavolcanic unit. Prominent gossanous exposures can be traced across terrain.
Garnet biotite quartz schist to phyllite and muscovite quartzite interlayered on the 5-to-10 metre scale with mafic and felsic metavolcanic rocks.

1b Intermediate Volcanic Rocks: Hornblende biotite quartz feldspar semi-schist ± epidote. Dark grey to black medium grained rock. Resistant. Hornblende biotite rich partings on cm-spacing.

1a Mafic Volcanic Rocks: Hornblende biotite plagioclase schist ± pyrite ± garnet; dark black to rusty red recessive and commonly fissile, rare discontinuous carbonate lenses, homogeneous on outcrop scale, locally displays relict volcaniclastic tecture.

INTRUSIVE ROCKS

TERTIARY - 56.8 6 0.1 Ma (Late Paleocene)

C **Quottoon Pluton**: hornblende ± biotite tonalite to quartz diorite with abundant screens of gneiss and common rafts of metasedimentary rock. Medium to coarse grained. Strongly foliated throughout and locally lineated along western margin.

CRETACEOUS - 93.5 ± 1 Ma (early Late Cretaceous)

B **Ecstall Pluton**: Epidote hornblende biotite metadiorite (**Bd**) to metaquartzdiorite (**Bqd**) and granodiorite, with minor biotite hornblende quartz diorite. Medium to coarse grained. Moderately foliated. Up to 5% fine to medium grained epidote is a characteristic feature.

DEVONIAN - 385 ± 4 Ma (Middle Devonian)

A **Big Falls Orthogneiss**. Biotite hornblende meta-tonalite/trondhjemite ± garnet ± epidote. Light grey, fine to medium grained. Texture varies from plagioclase augen gneiss to fine grained plagioclase porphyritic gneiss to mylonite. Probably co-magmatic with the volcanic rocks of unit 1