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DATE

R. MEYERS

ASSIGNMENT




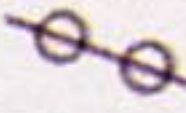


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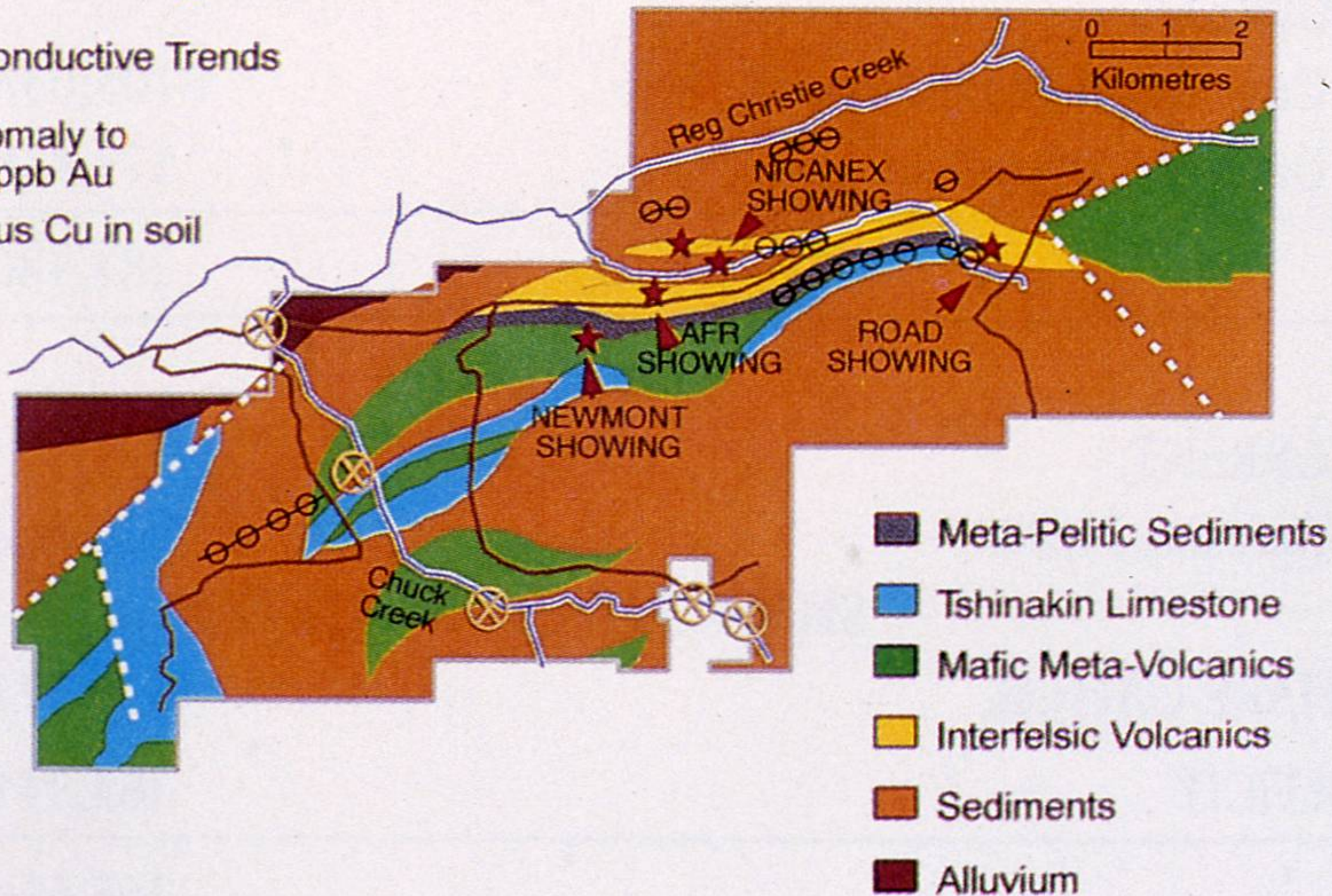
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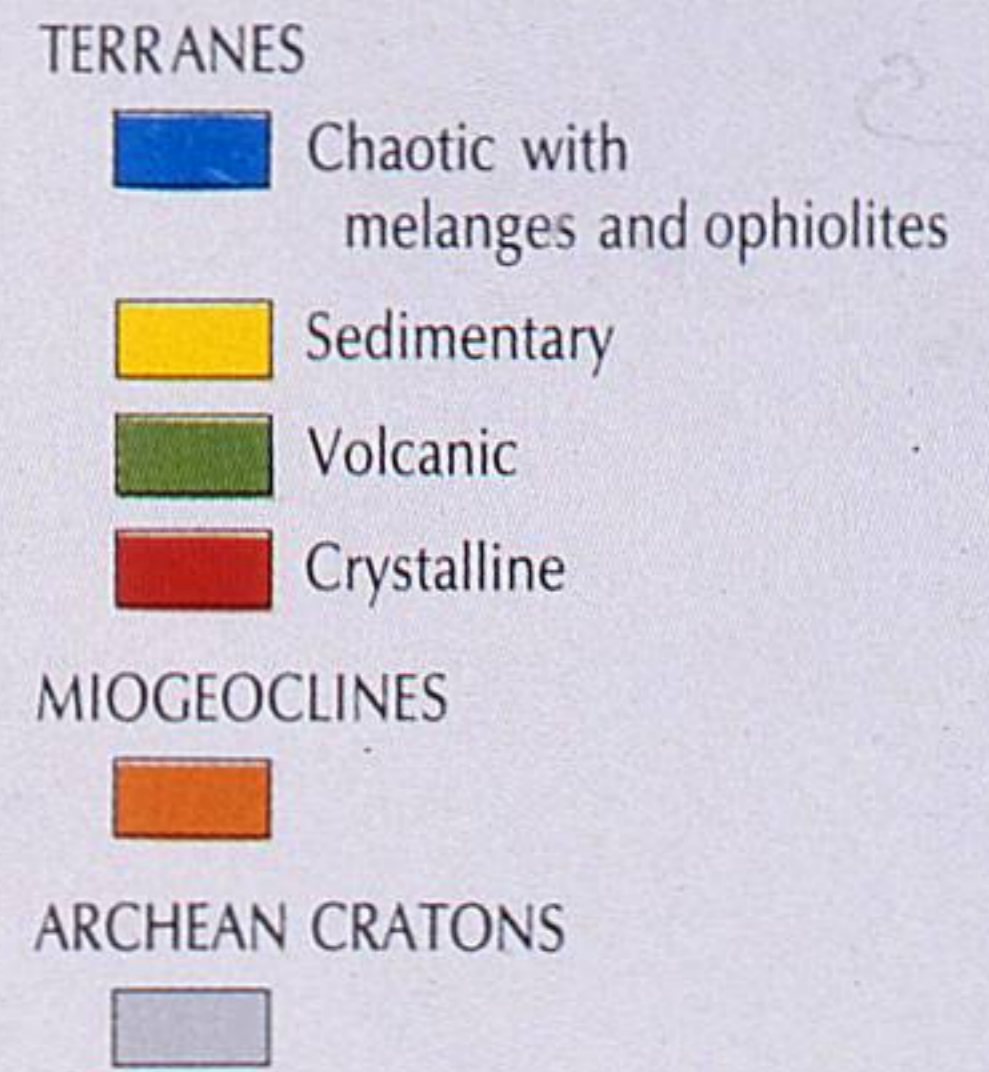
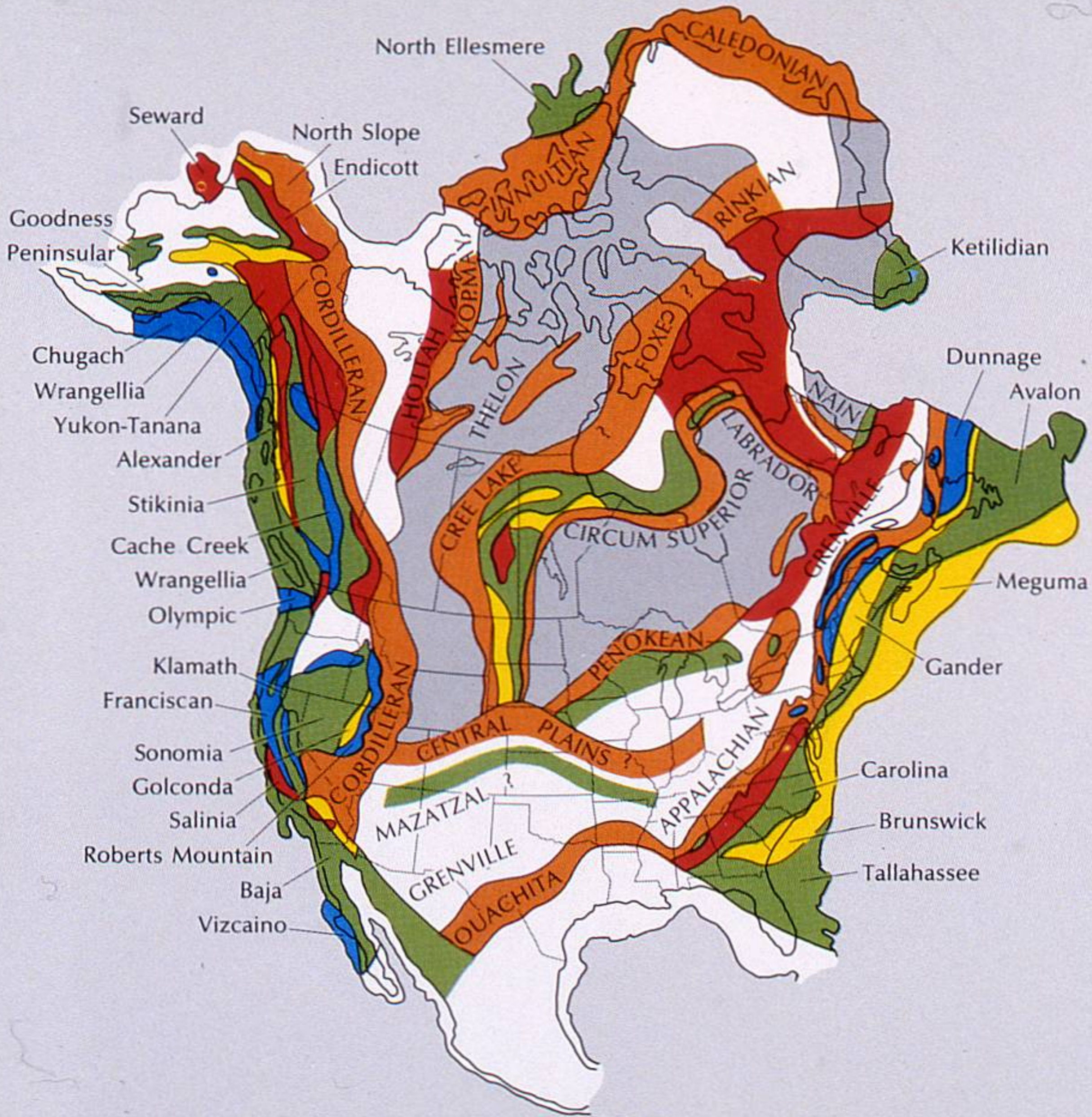
MILA PROJECT

Clearwater, British Columbia

-  Showing
-  Fault
-  Road
-  ABEM Conductive Trends
-  HMC anomaly to >10,000 ppb Au
-  Anomalous Cu in soil >40 ppm

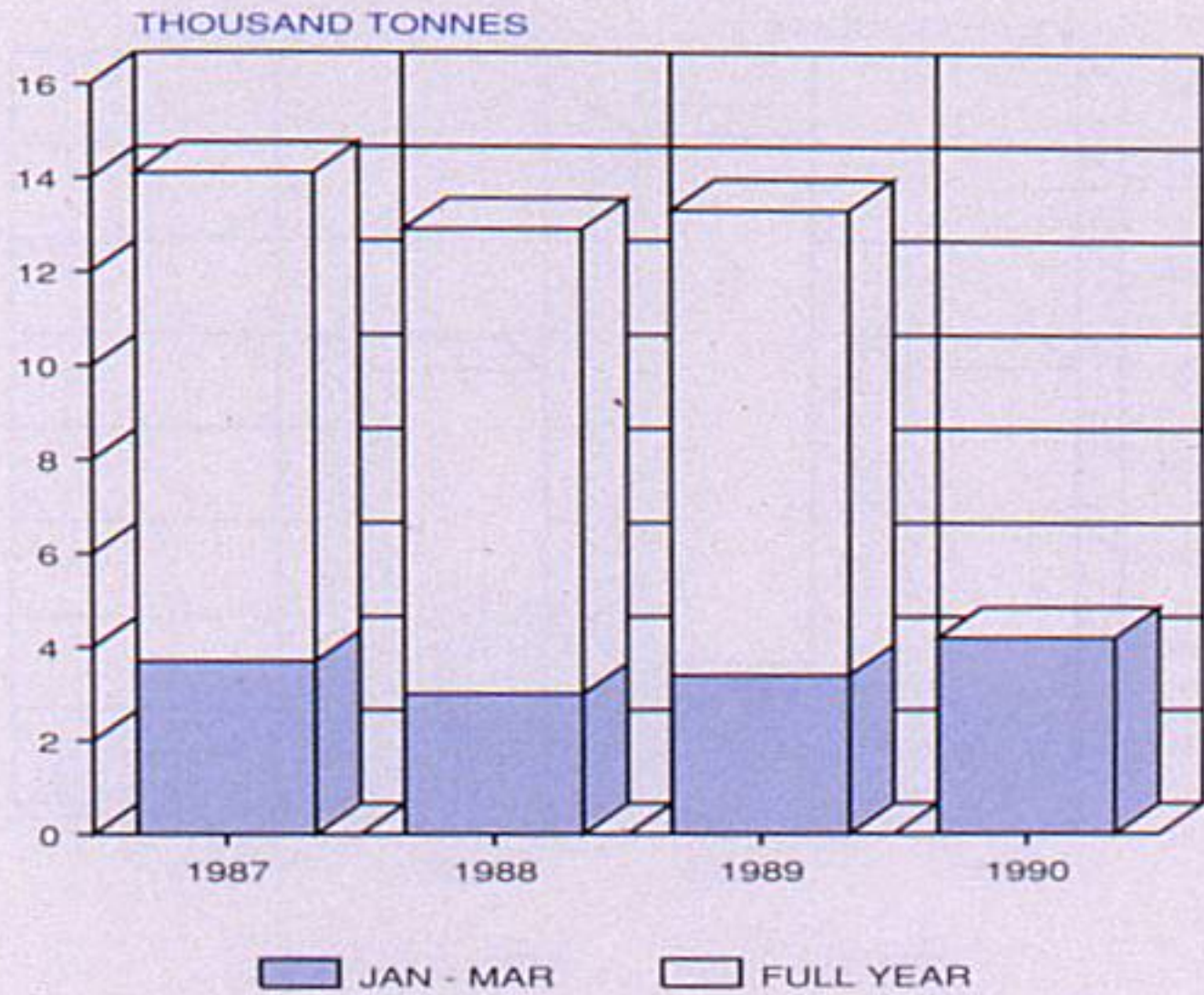


MIOGEOCLINES AND TERRANES BY KINDRED

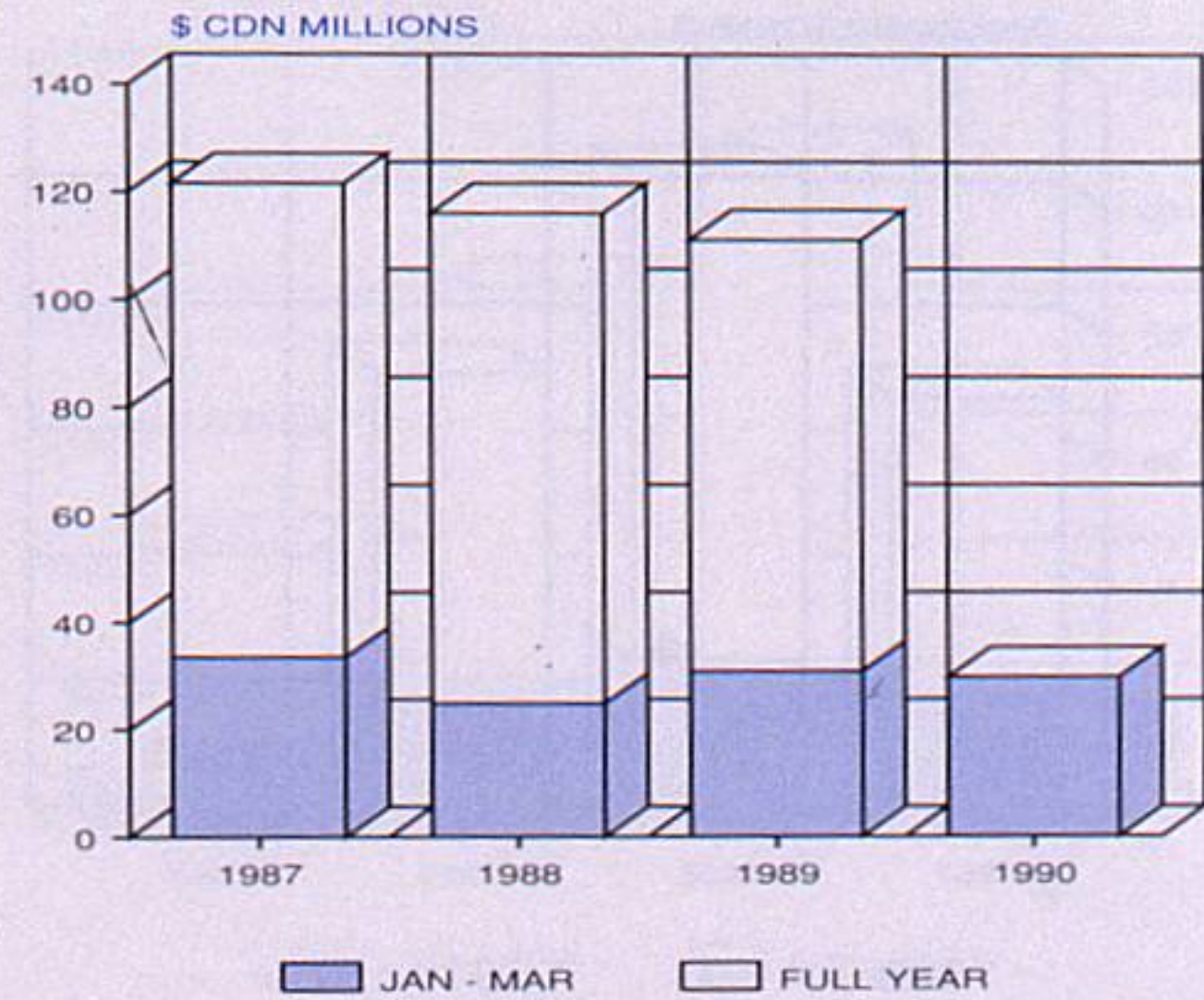


Miogeoclinal belts are interpreted as ancient continental margins destroyed by terrane accretion and continental collision. Some miogeoclinal belts are surprisingly continuous, though dating back two billion years. Patterns of truncated miogeoclinal belts within the Precambrian craton are analogous to those of modern continental margins that truncate Phanerozoic miogeoclinal belts, such as the termination of the Appalachian miogeoclinal belt by the modern North Atlantic margin.

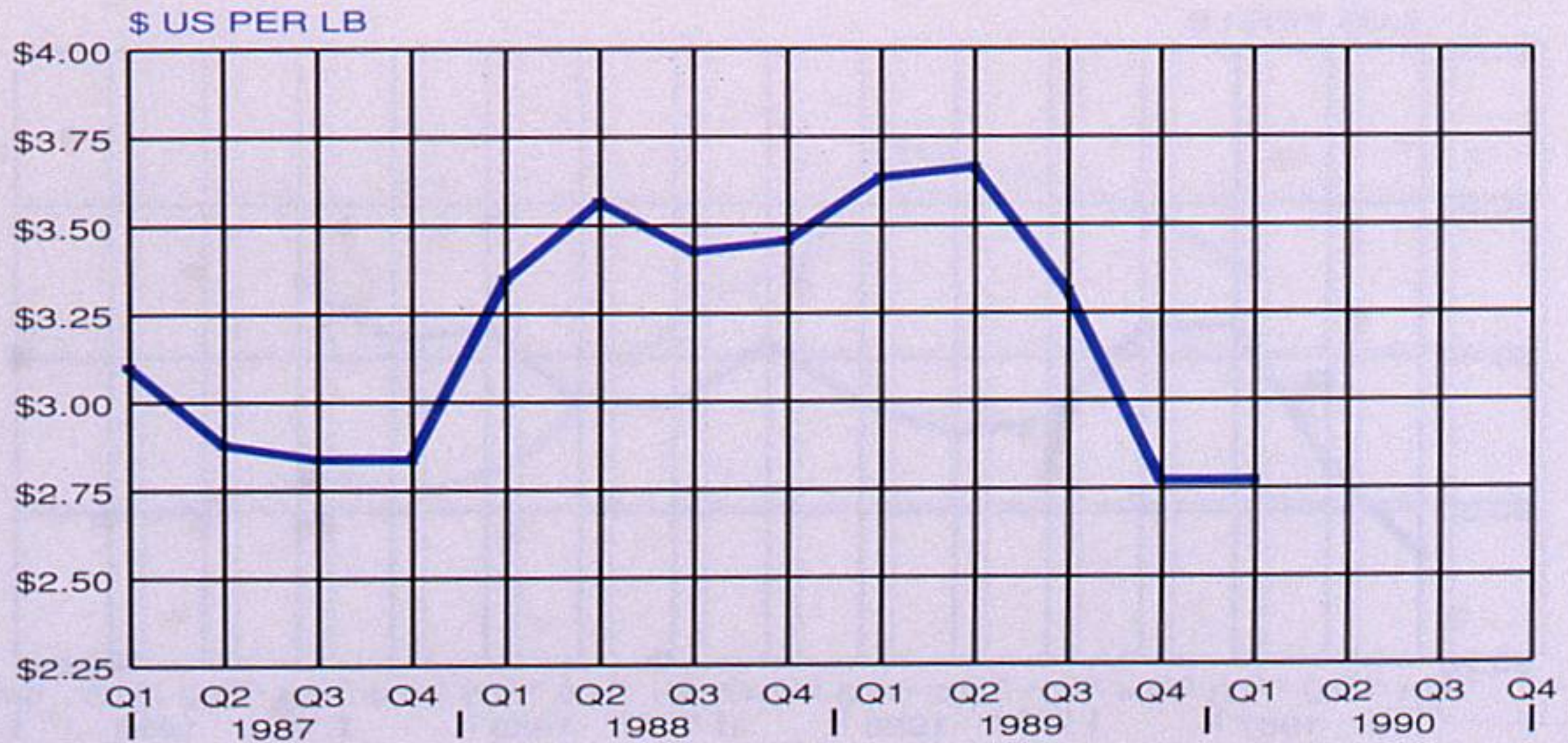
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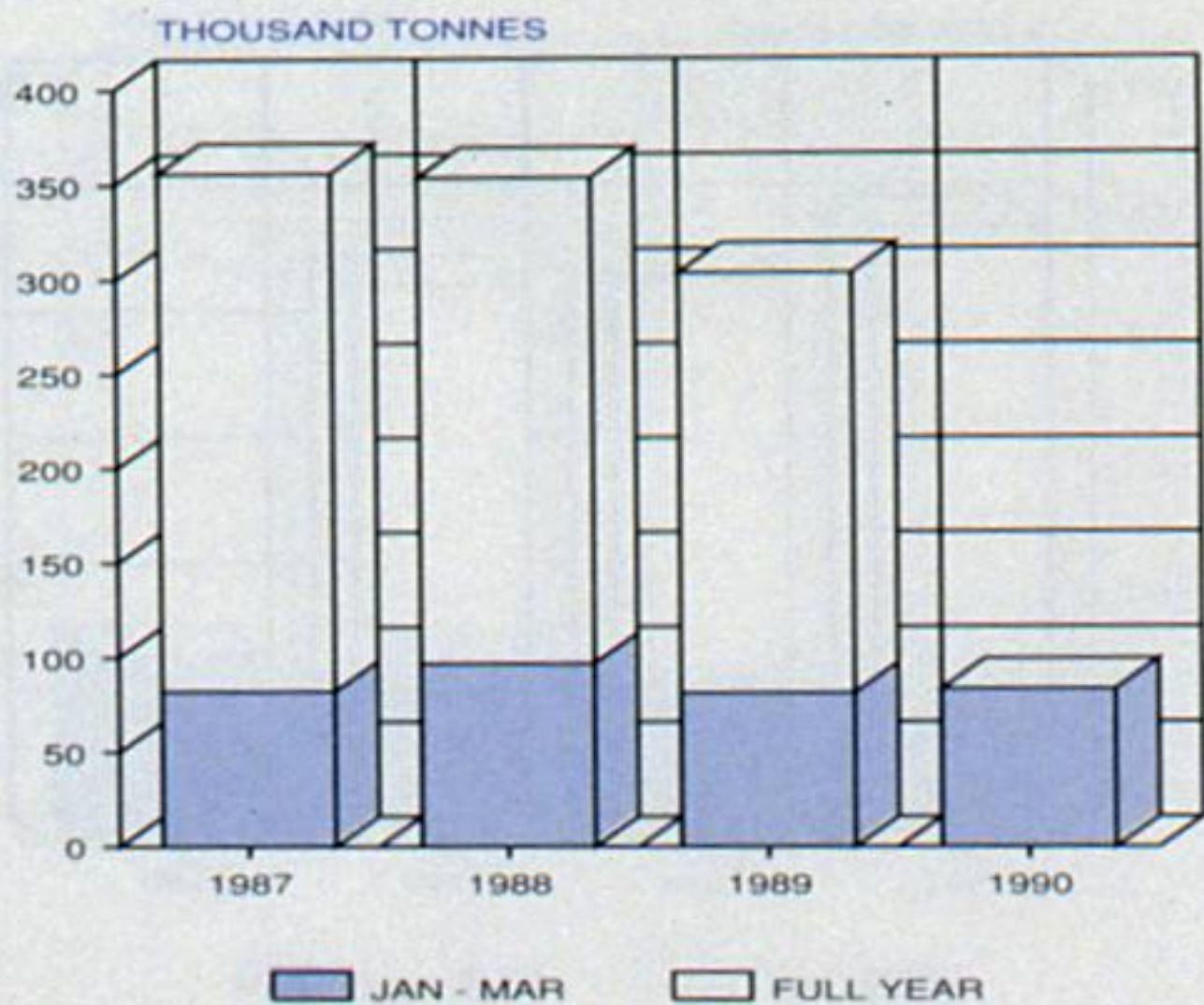
VALUE OF PRODUCTION



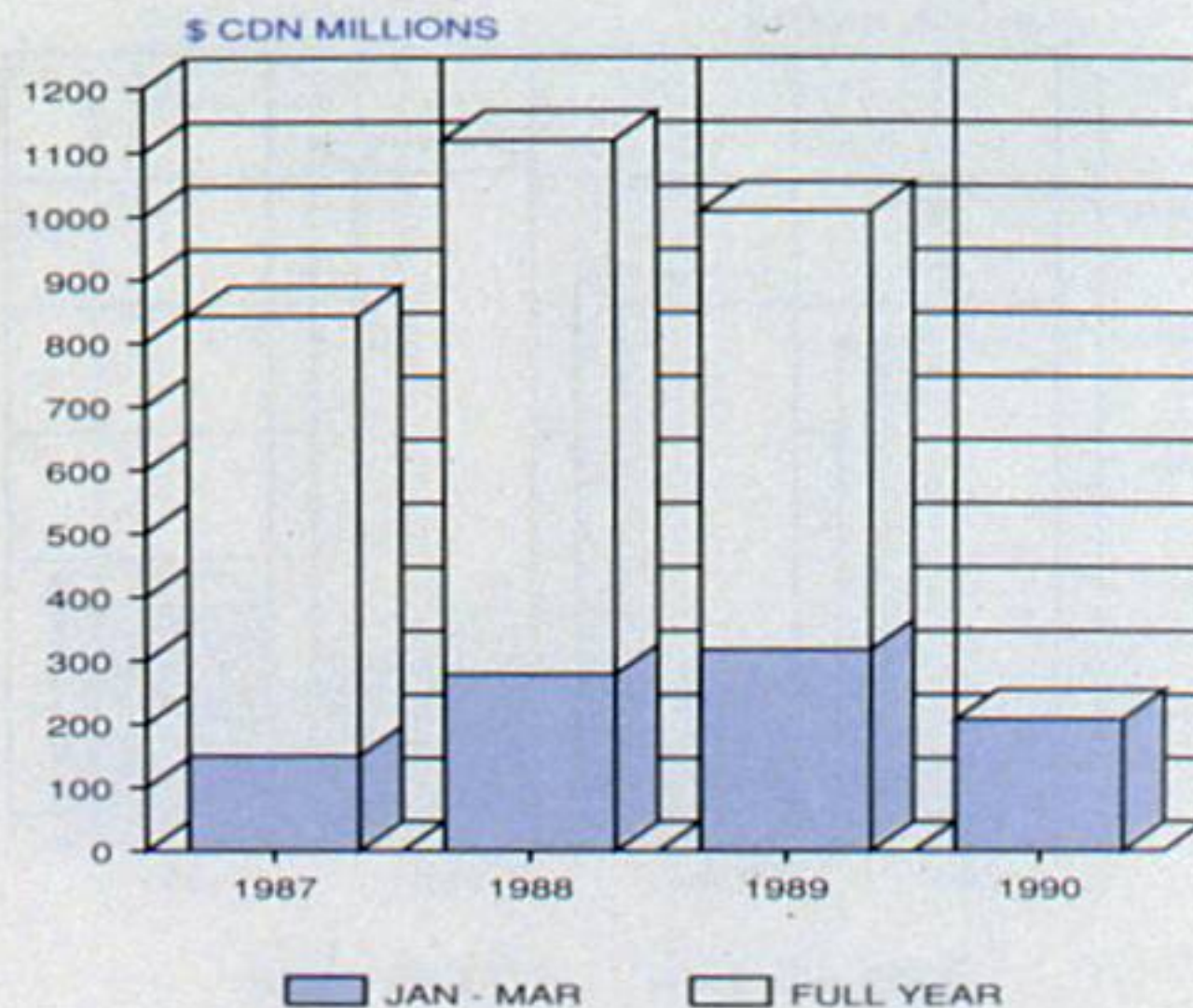
AVERAGE MOLYBDENUM PRICE DEALER OXIDE



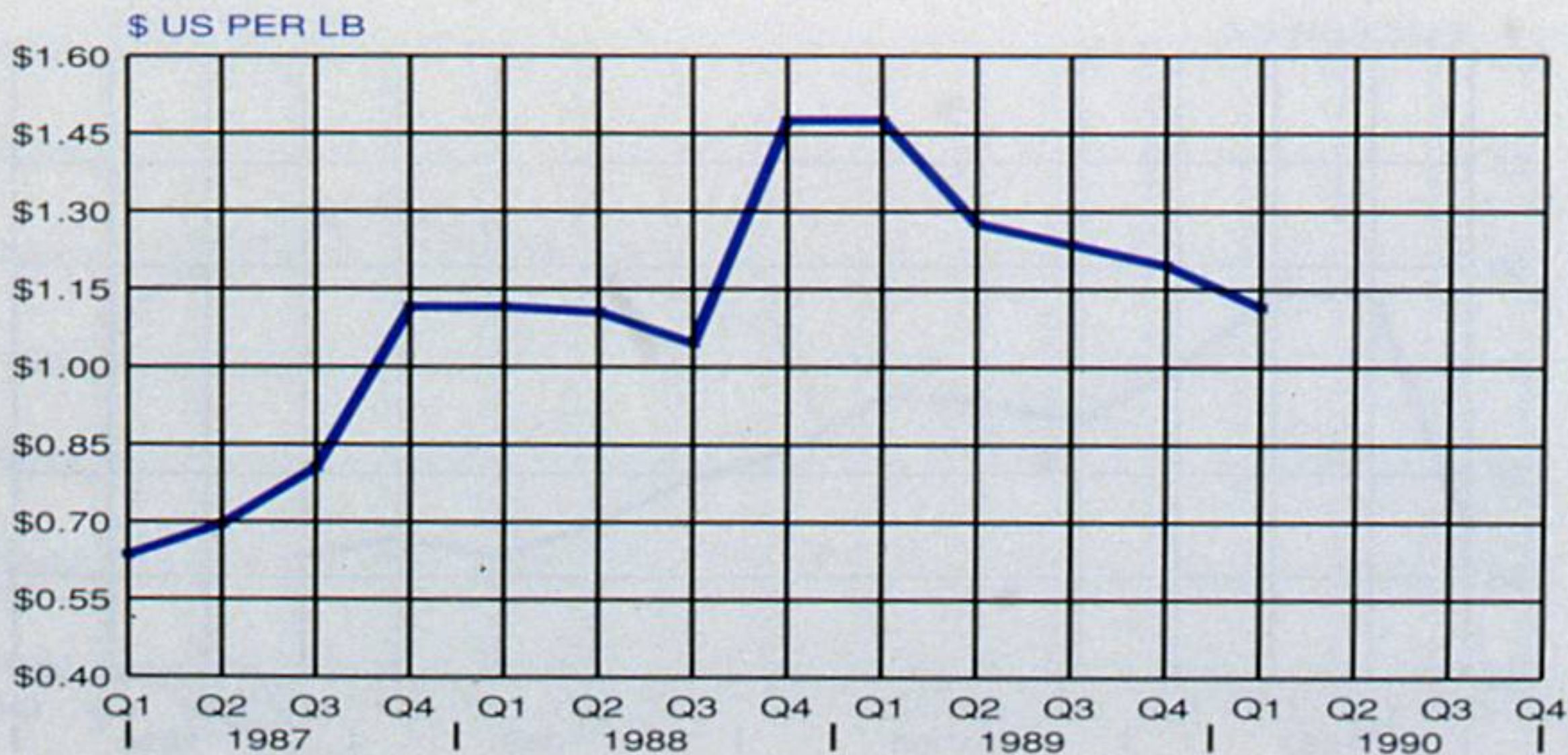
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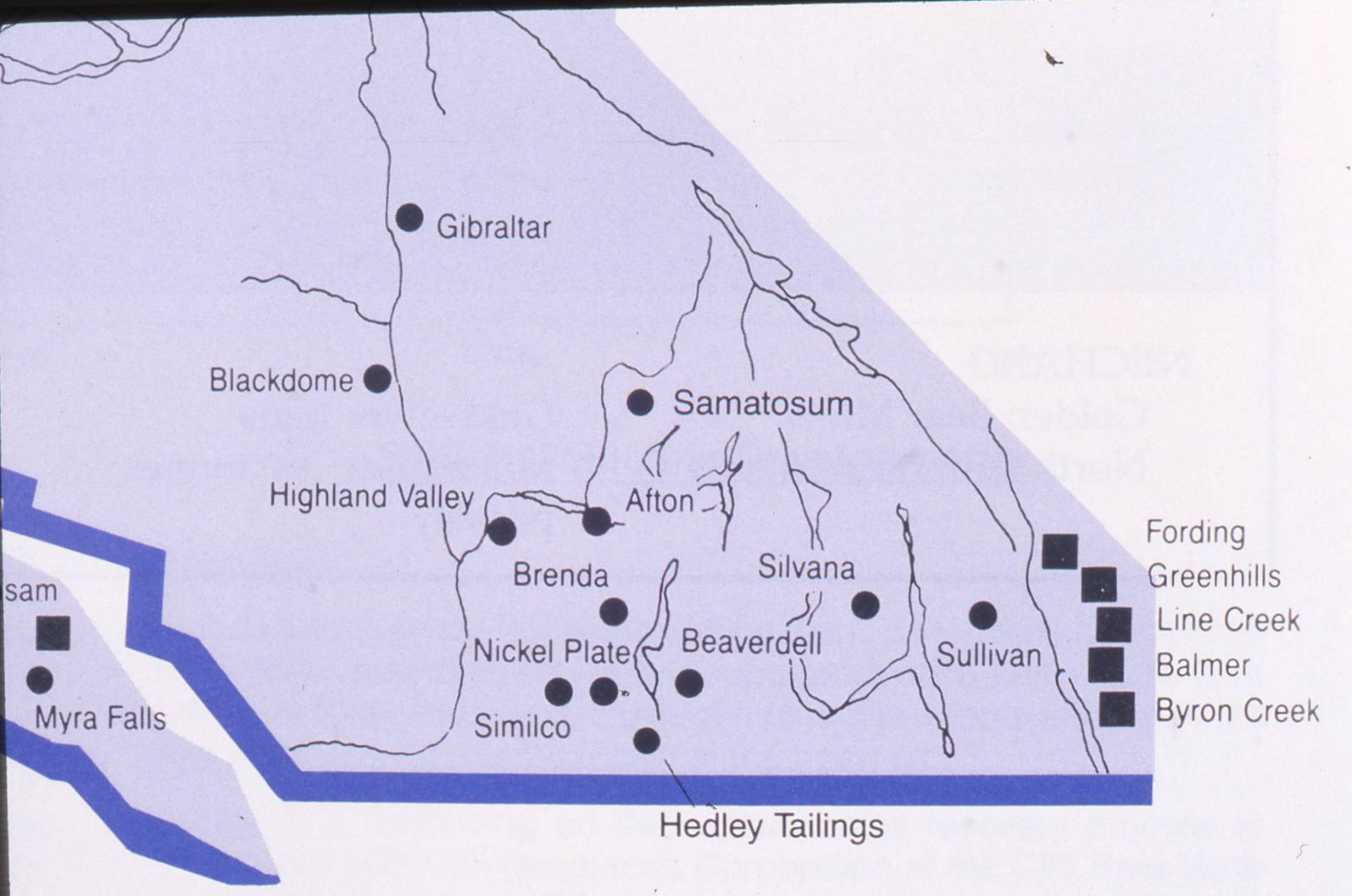


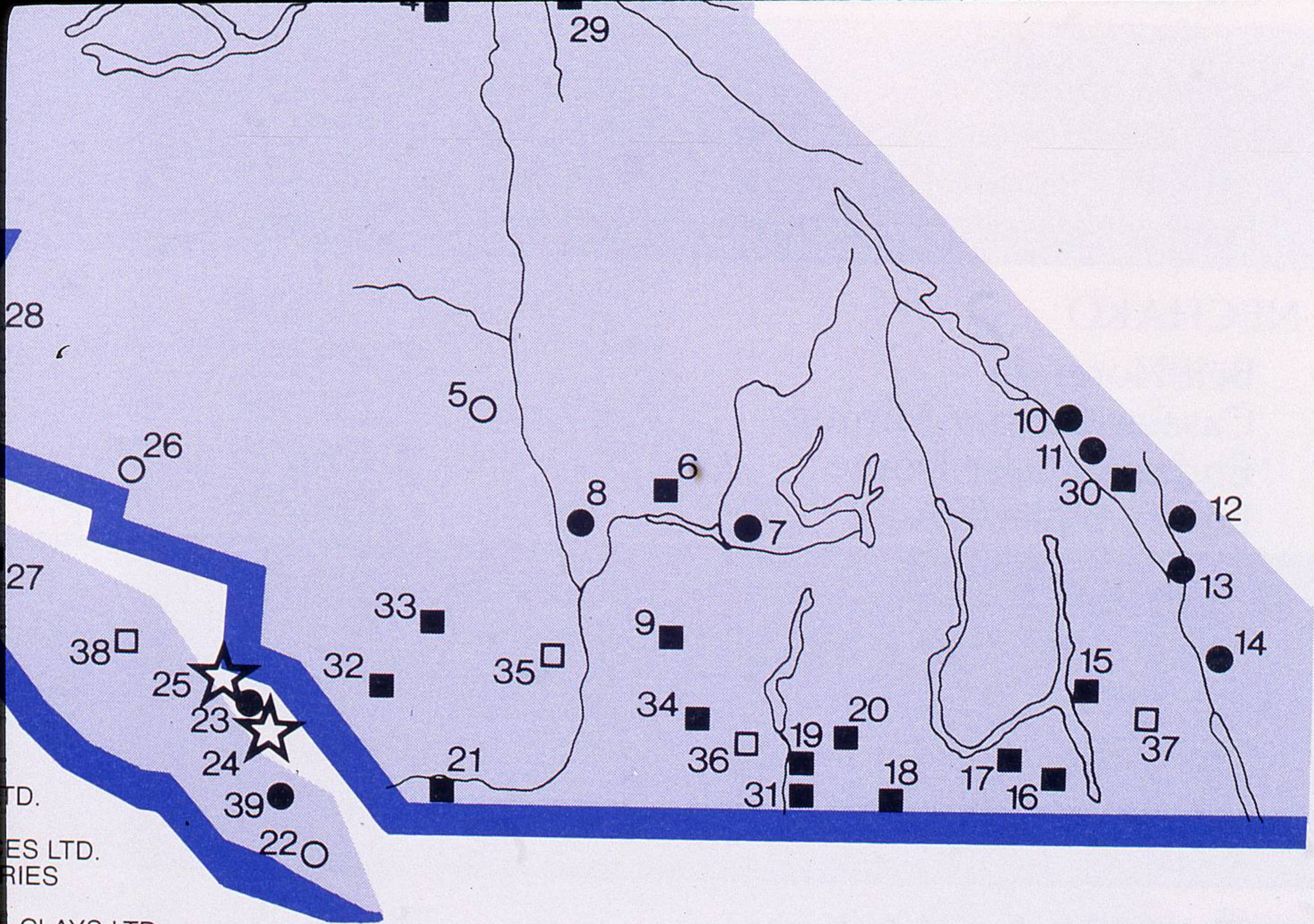
VALUE OF PRODUCTION



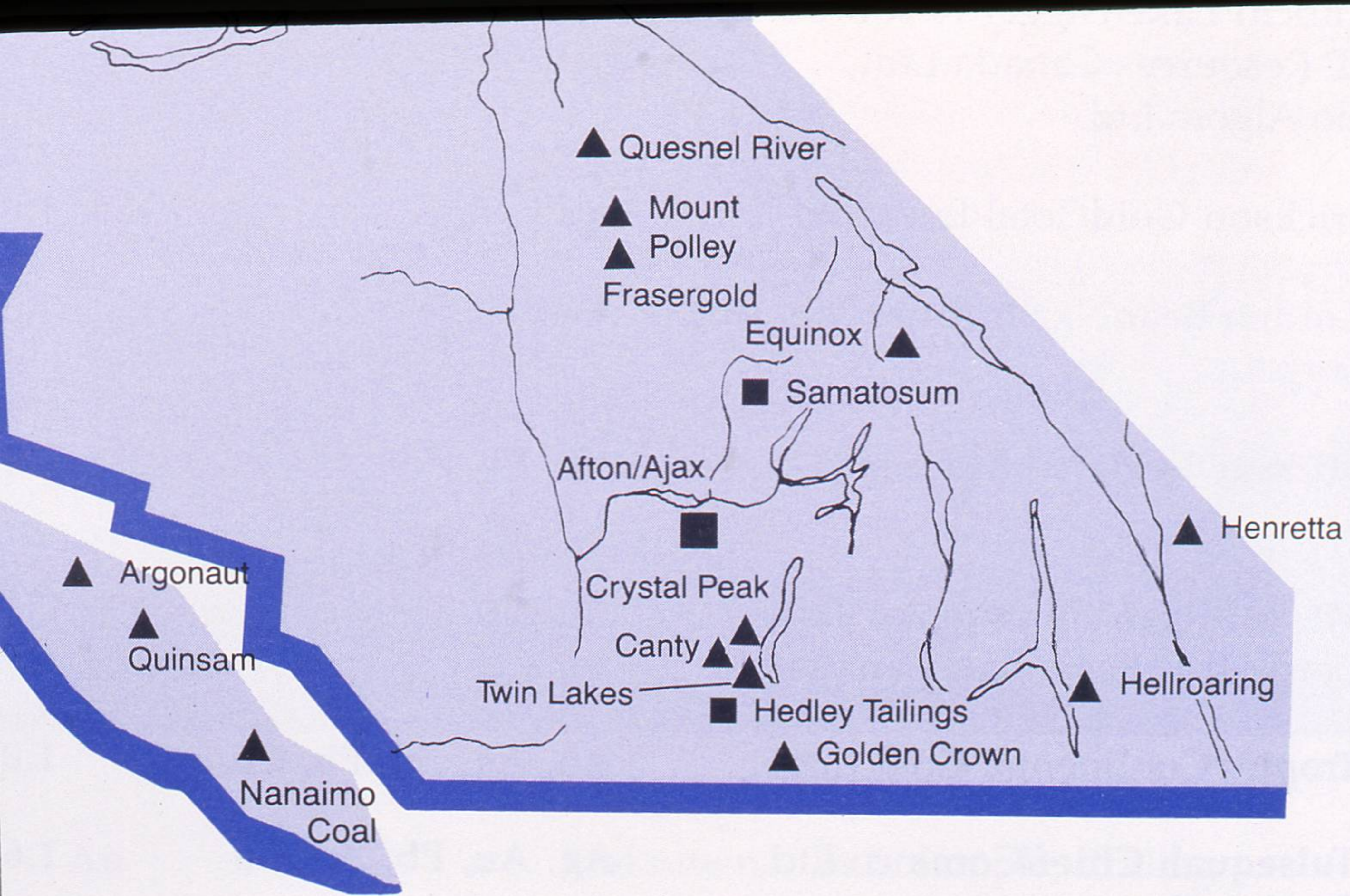
AVERAGE COPPER PRICE LME GRADE A CASH





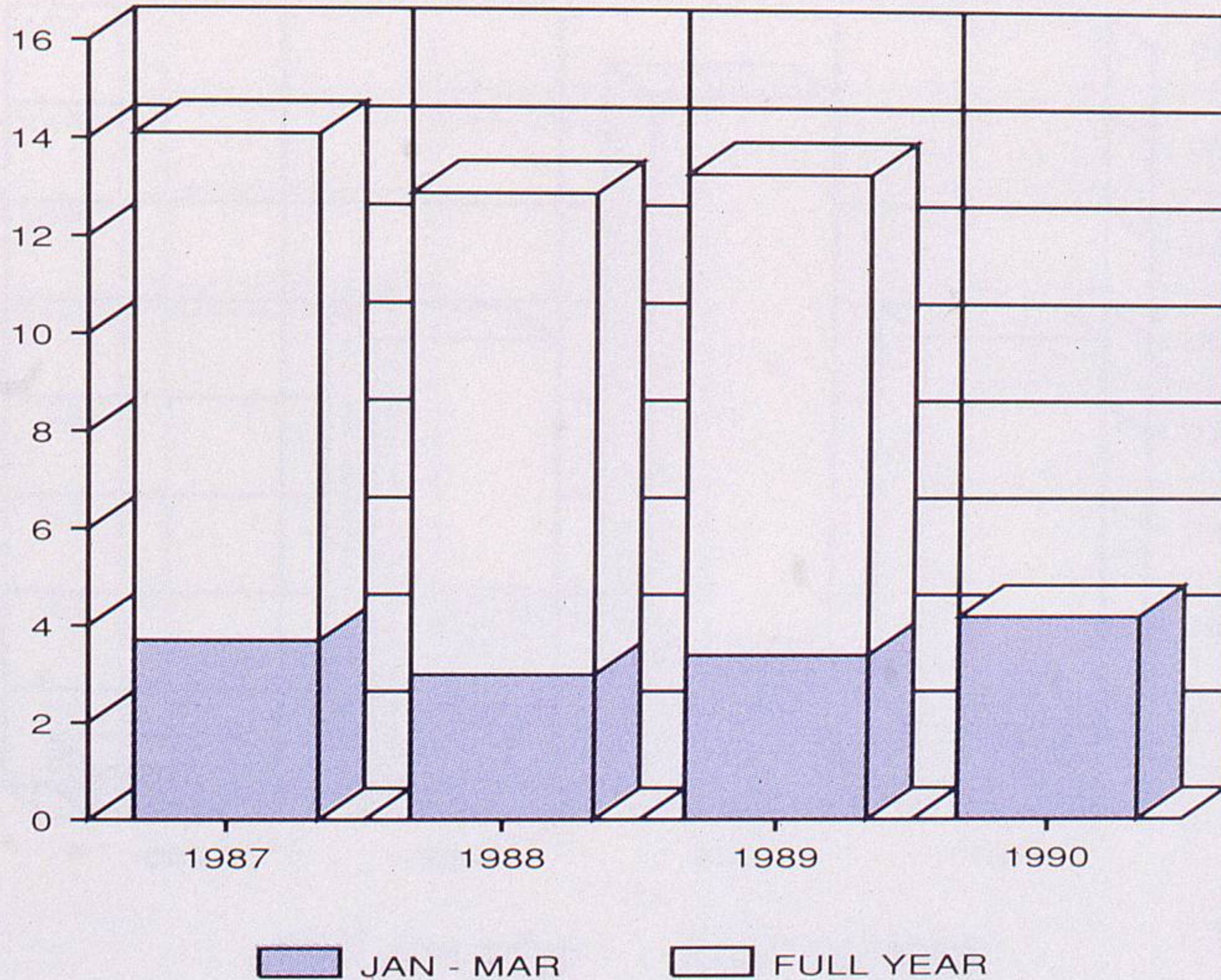


TD.
ES LTD.
RIES
L CLAYS LTD.
ARGE LTD.



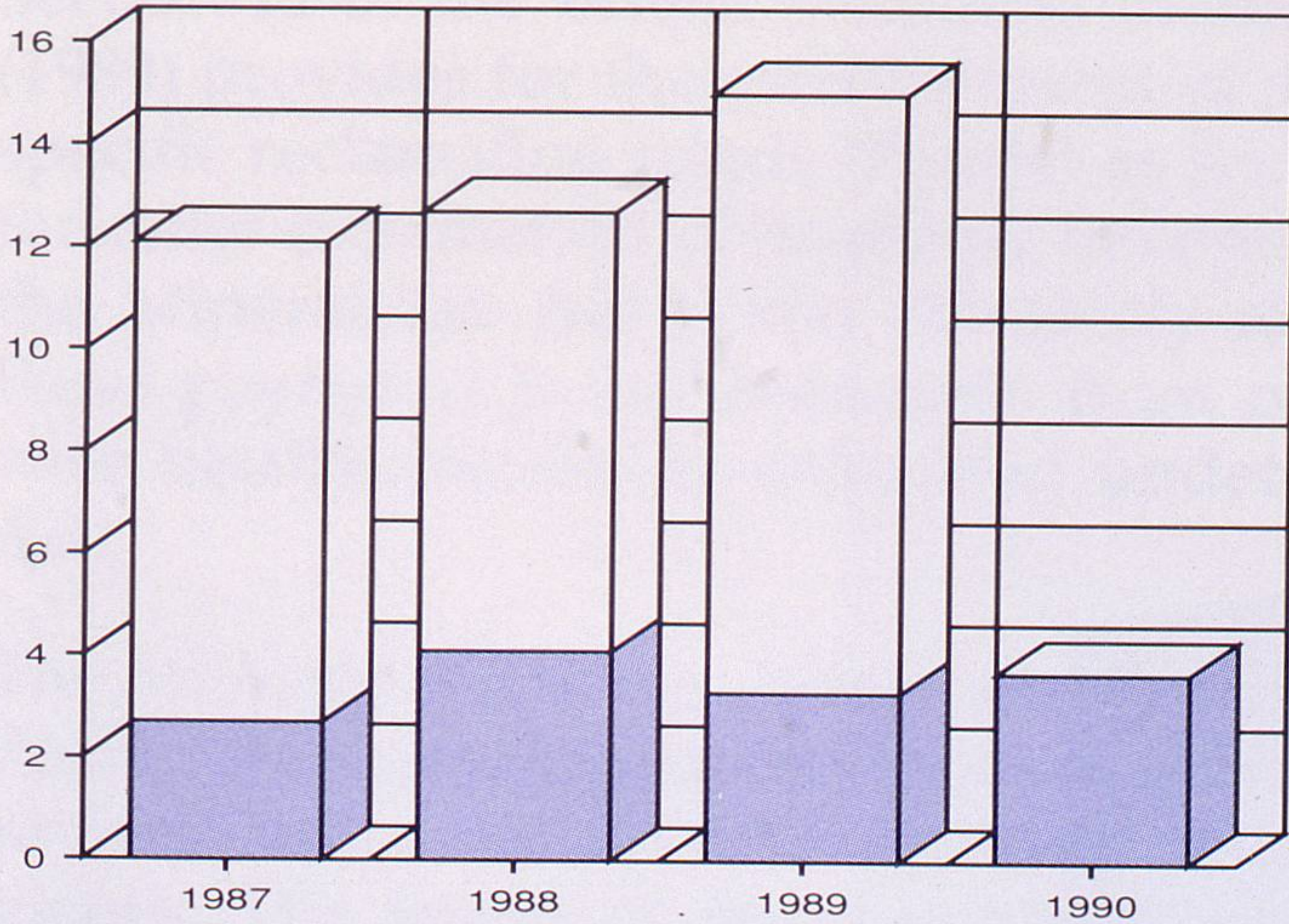
PRODUCTION

THOUSAND TONNES



PRODUCTION

MILLION GRAMS

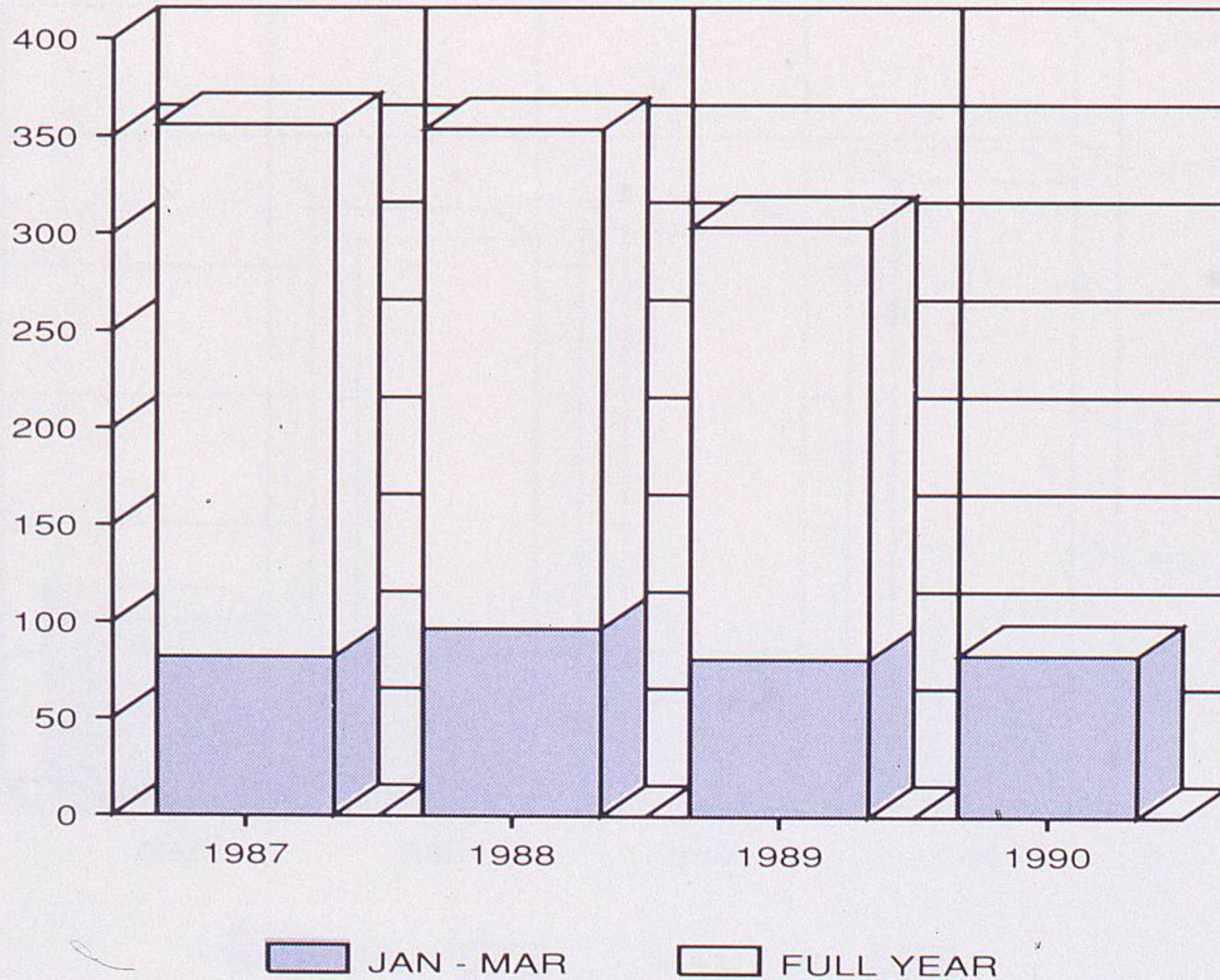


JAN - MAR

FULL YEAR

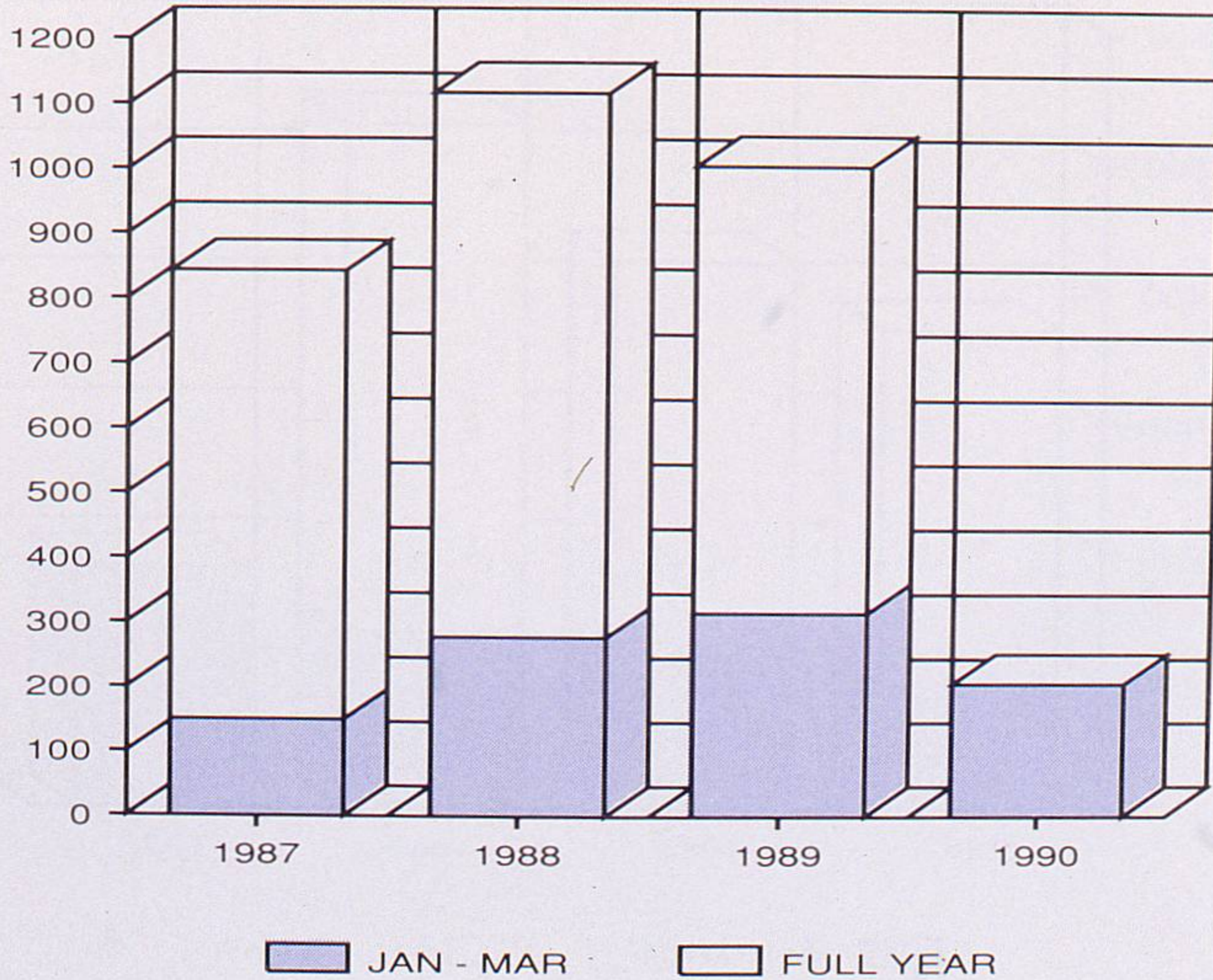
PRODUCTION

THOUSAND TONNES



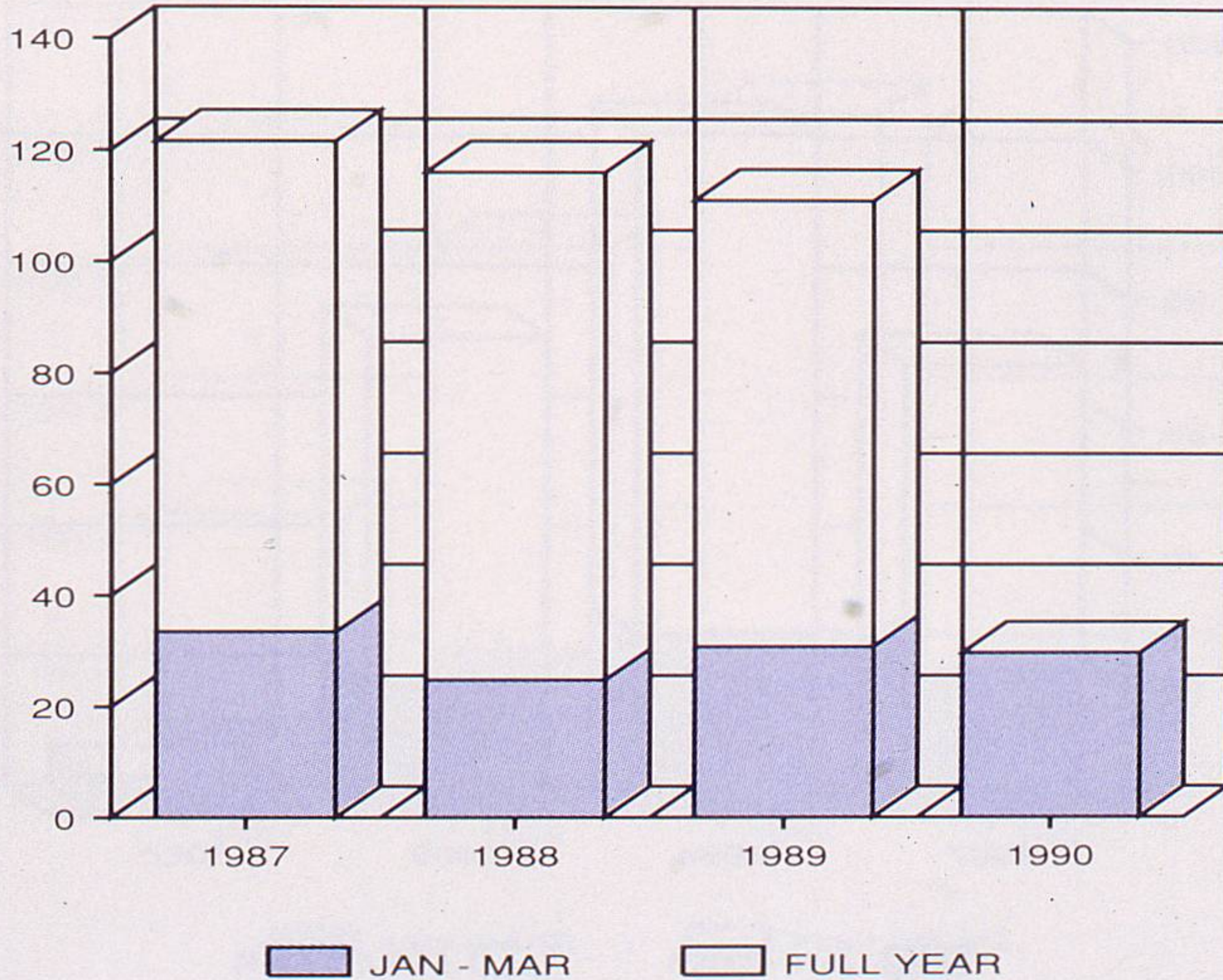
VALUE OF PRODUCTION

\$ CDN MILLIONS

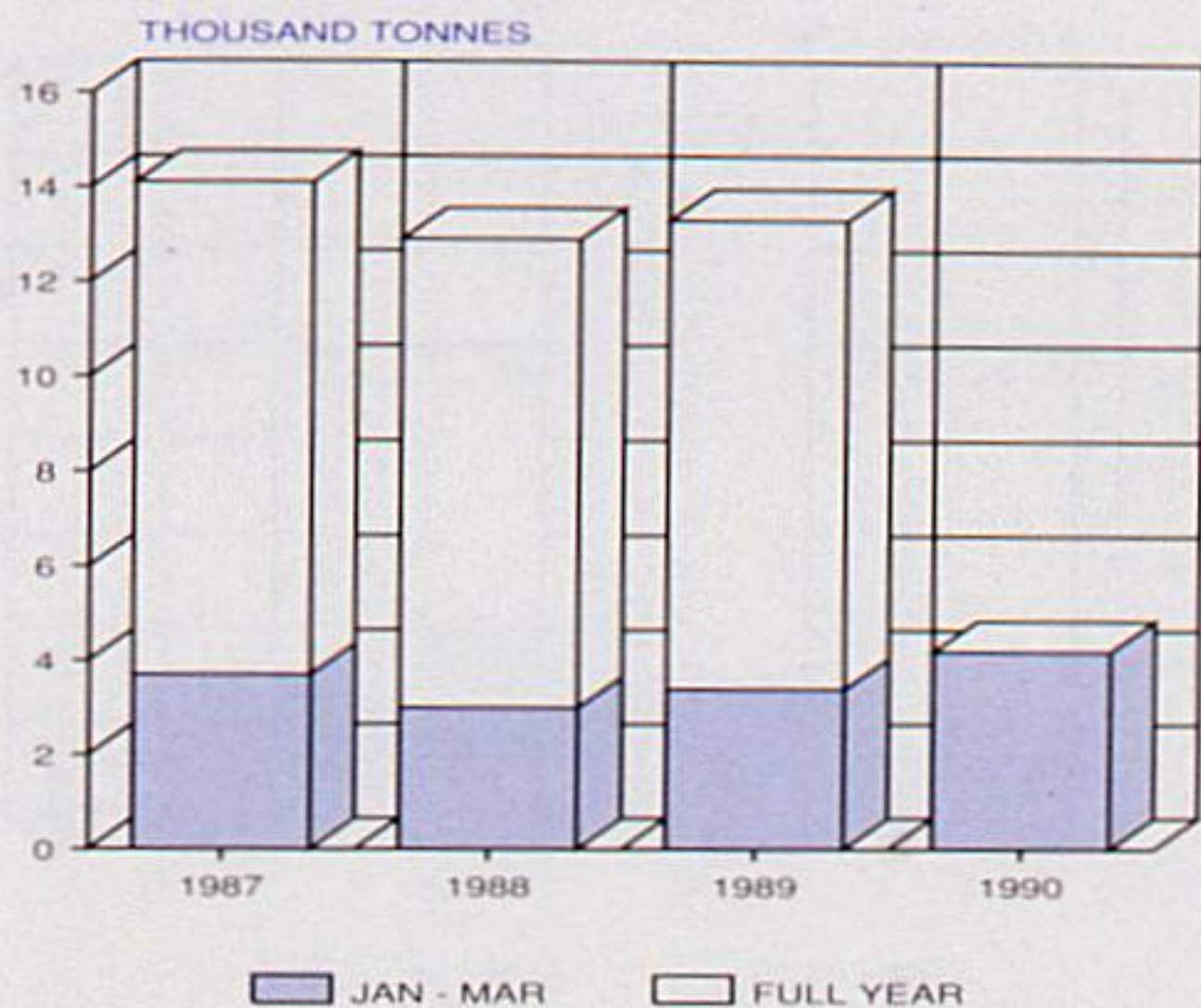


VALUE OF PRODUCTION

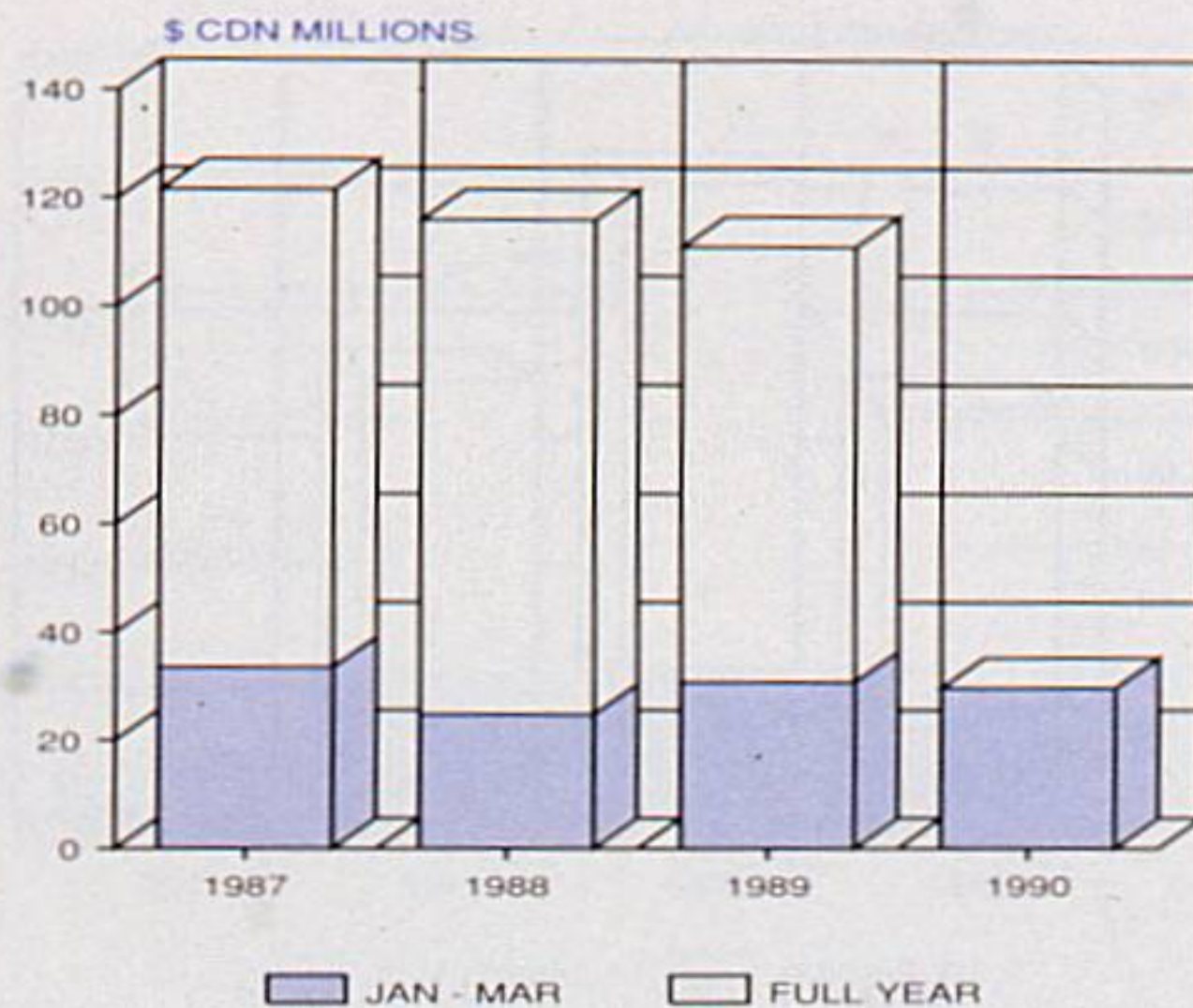
\$ CDN MILLIONS



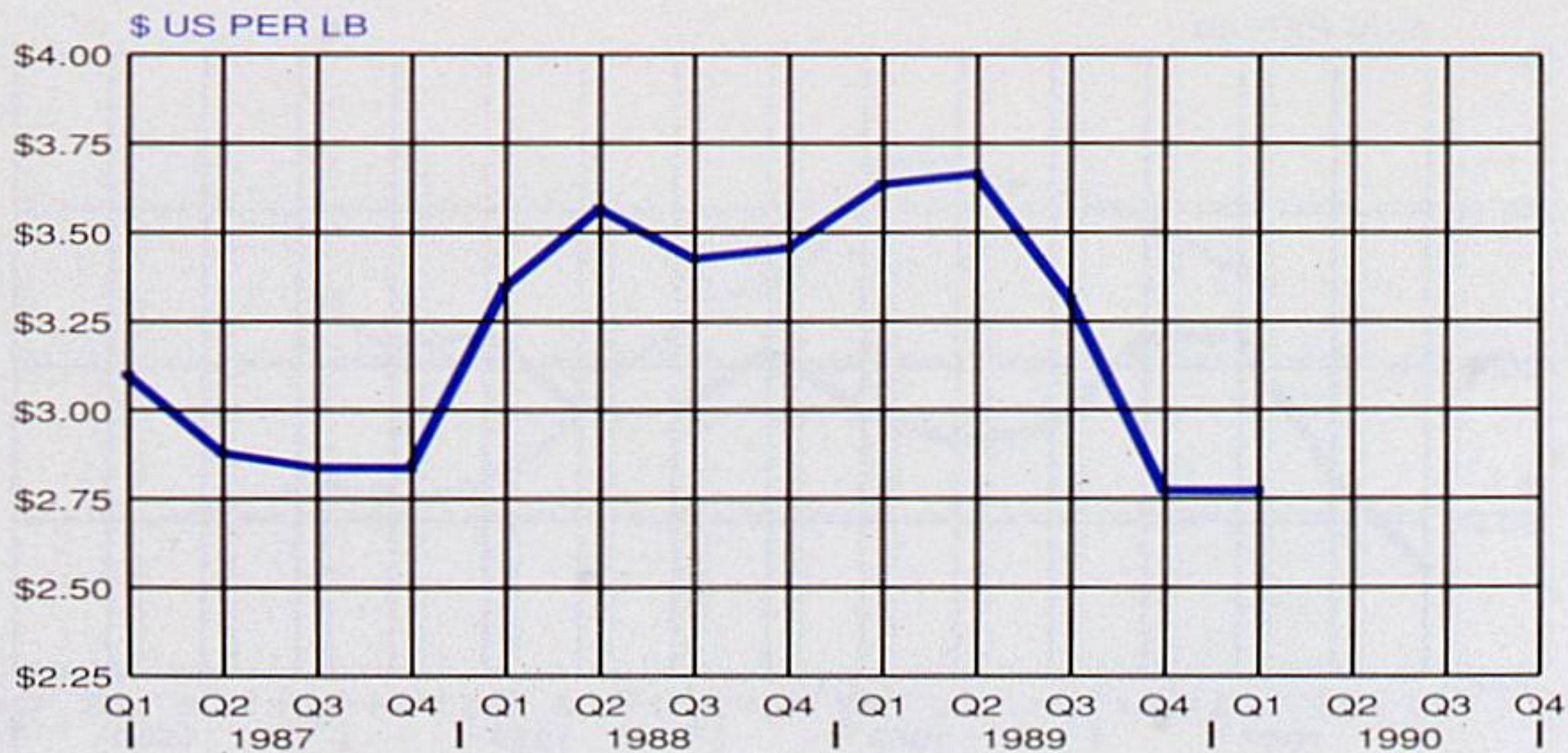
PRODUCTION



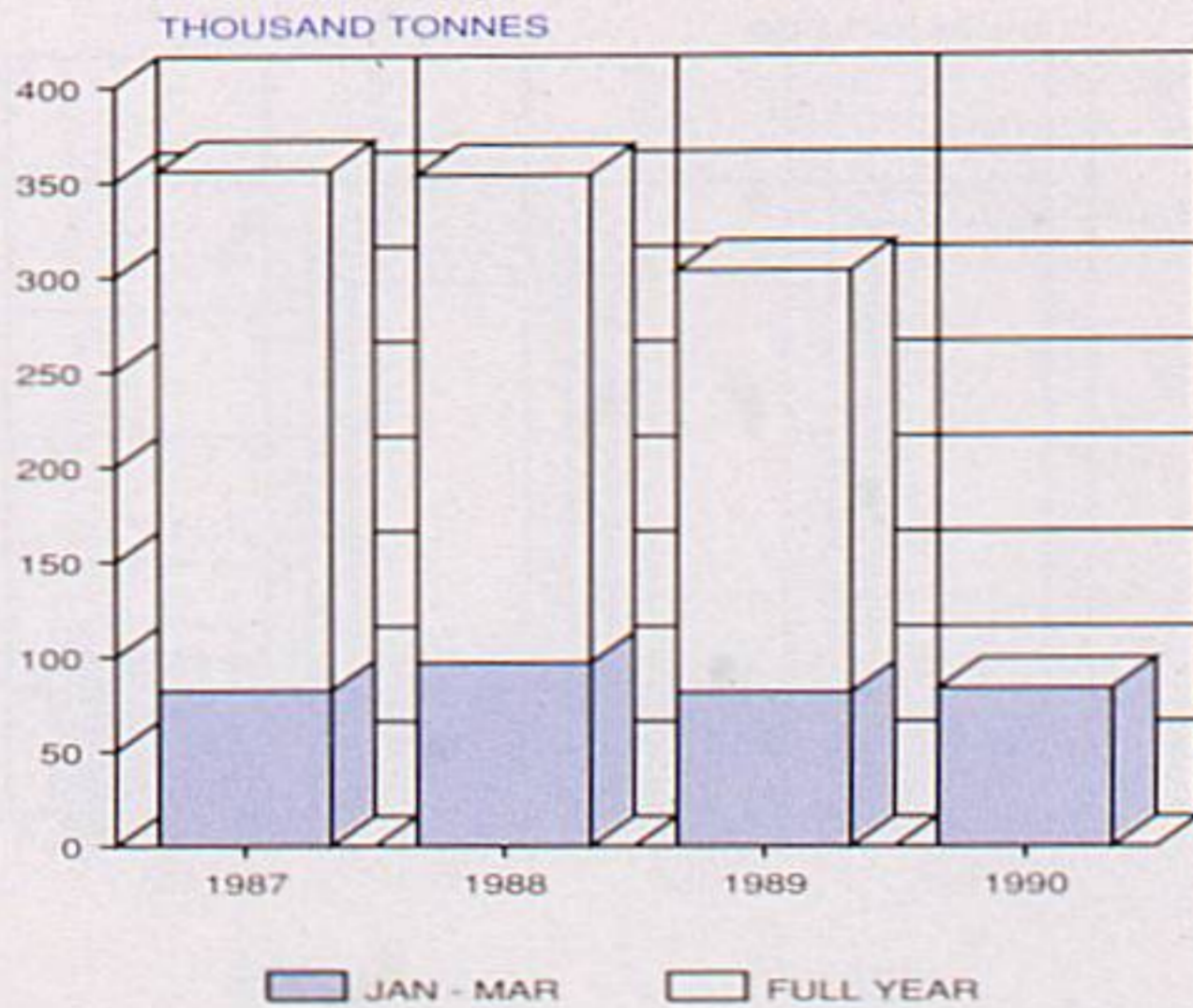
VALUE OF PRODUCTION



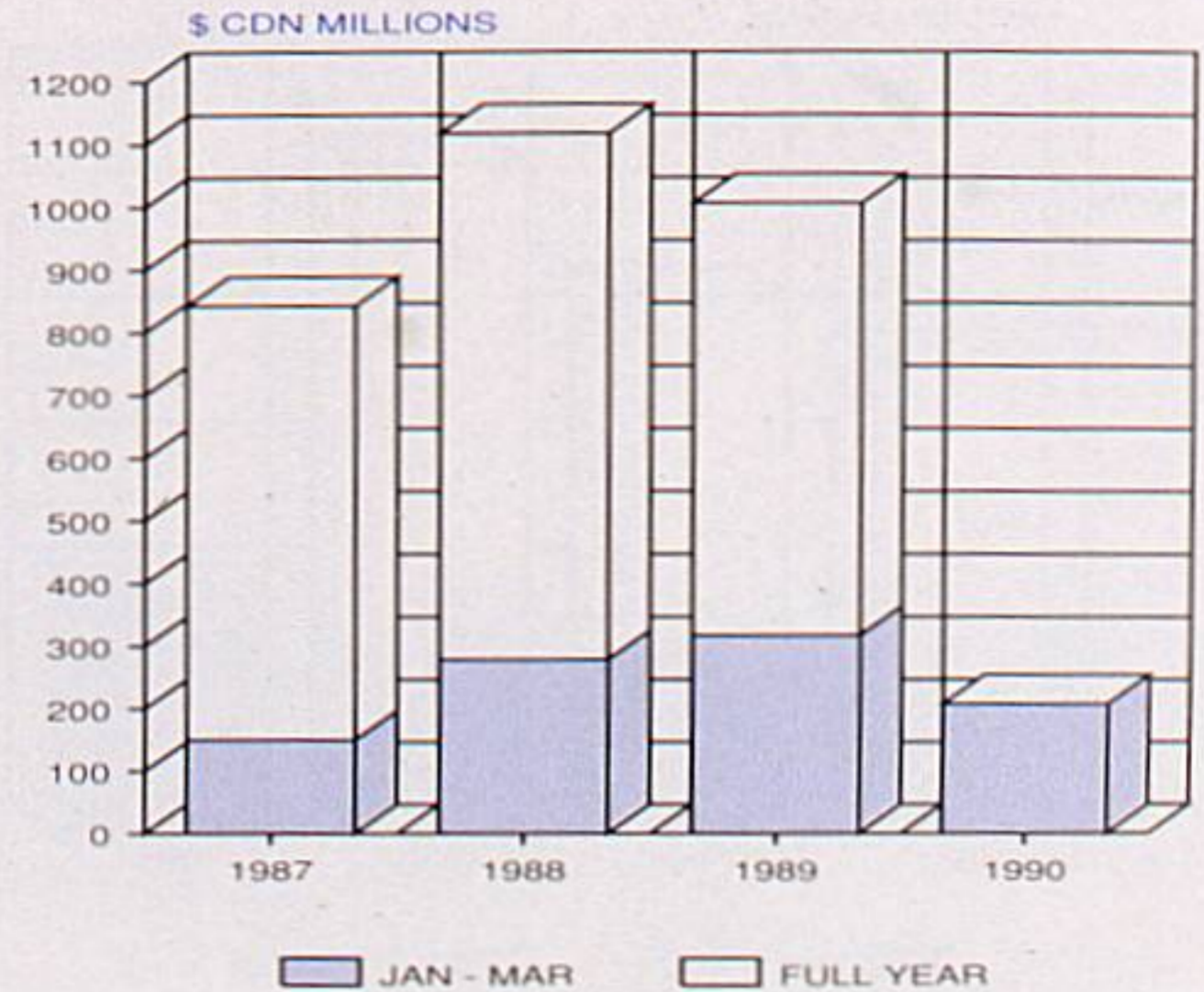
AVERAGE MOLYBDENUM PRICE DEALER OXIDE



PRODUCTION



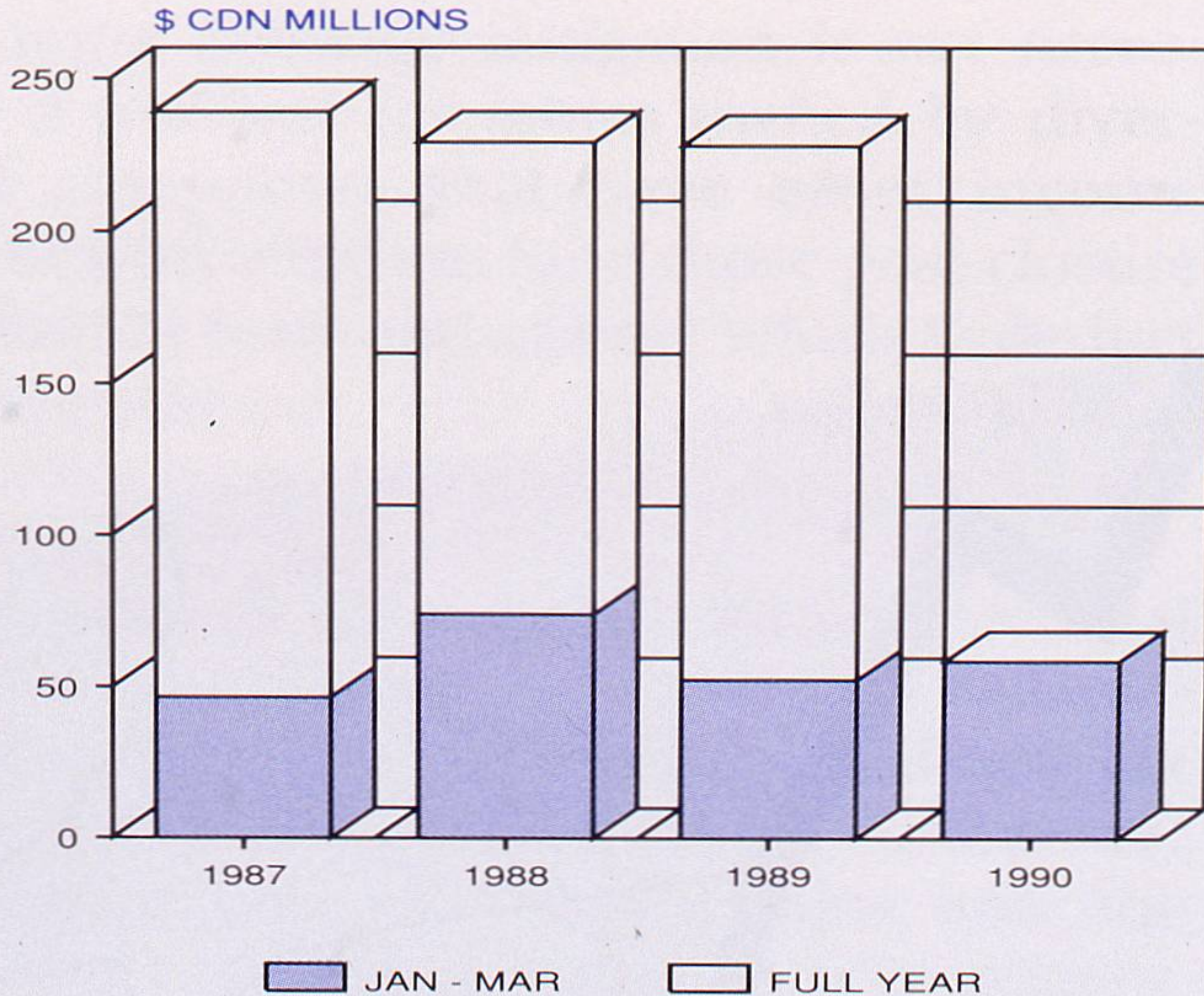
VALUE OF PRODUCTION



AVERAGE COPPER PRICE LME GRADE A CASH

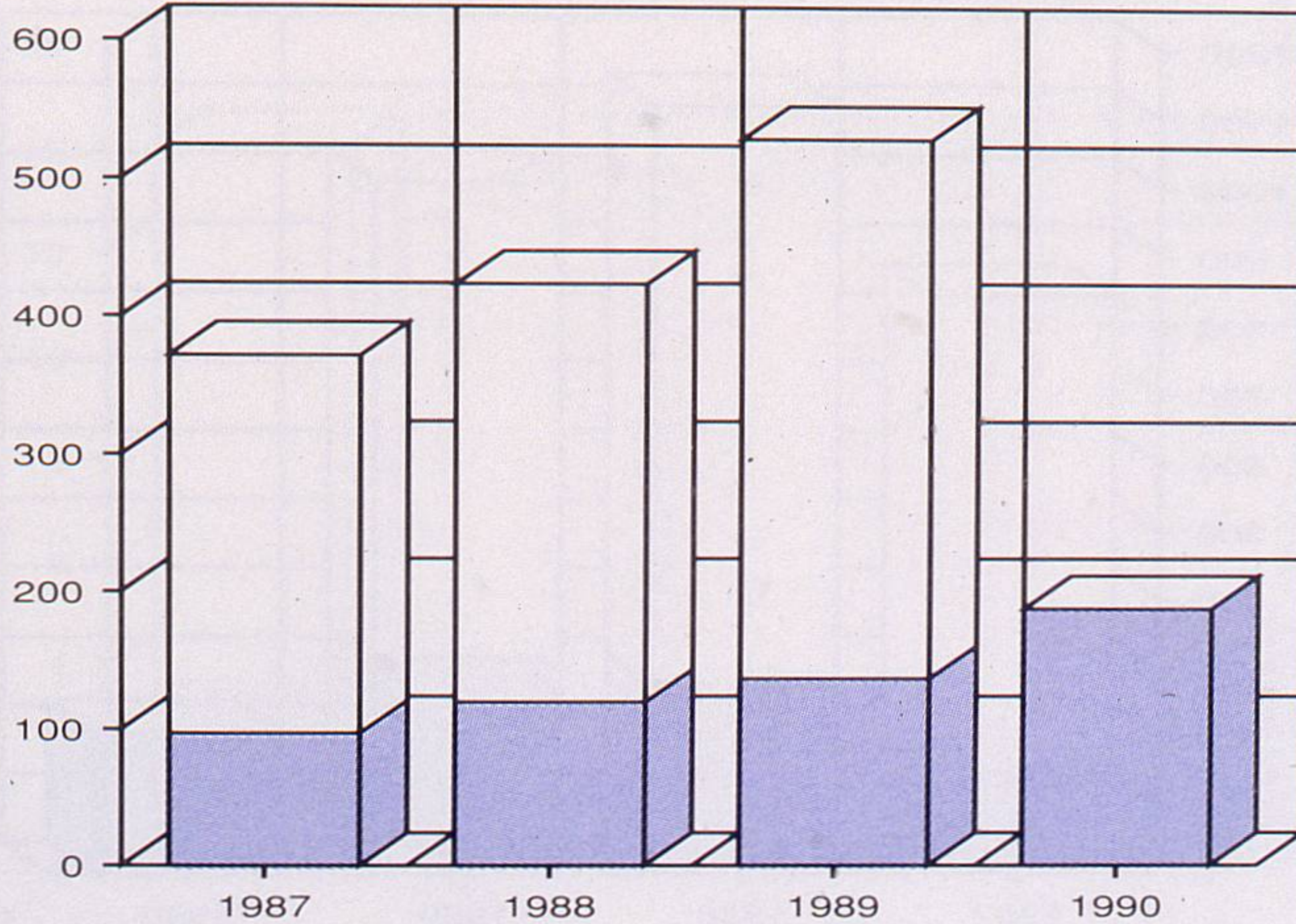


VALUE OF PRODUCTION



PRODUCTION

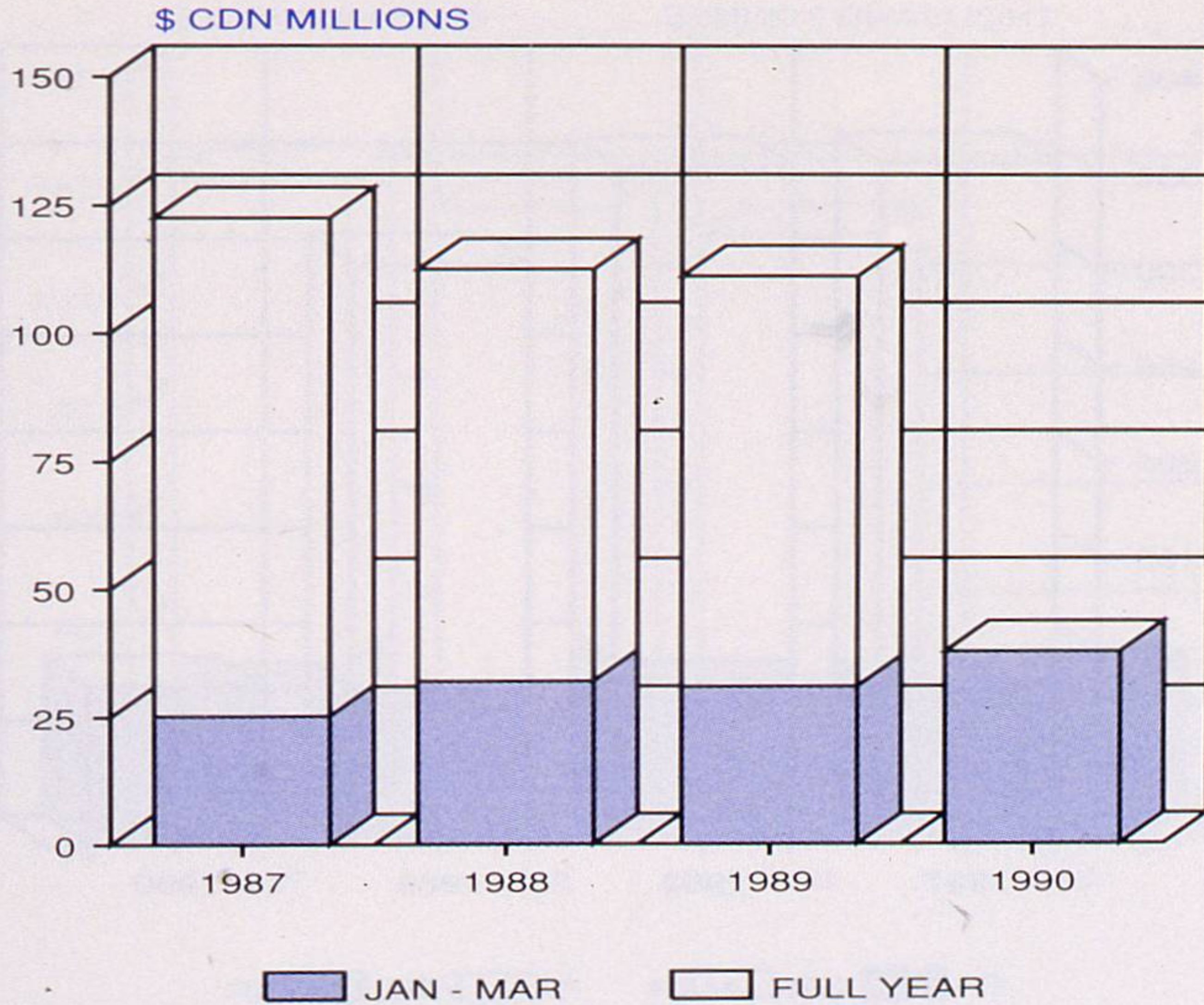
MILLION GRAMS



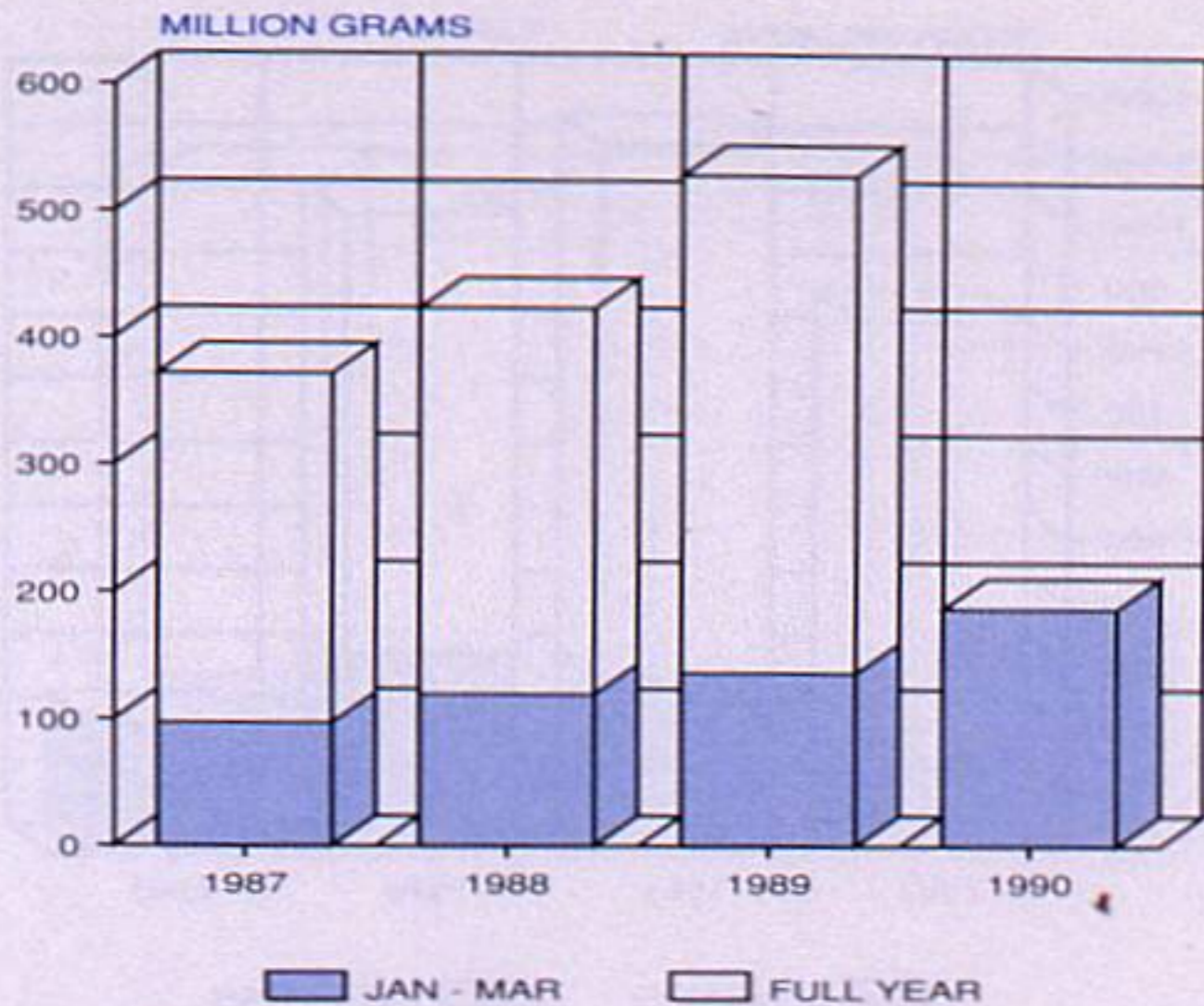
JAN - MAR

FULL YEAR

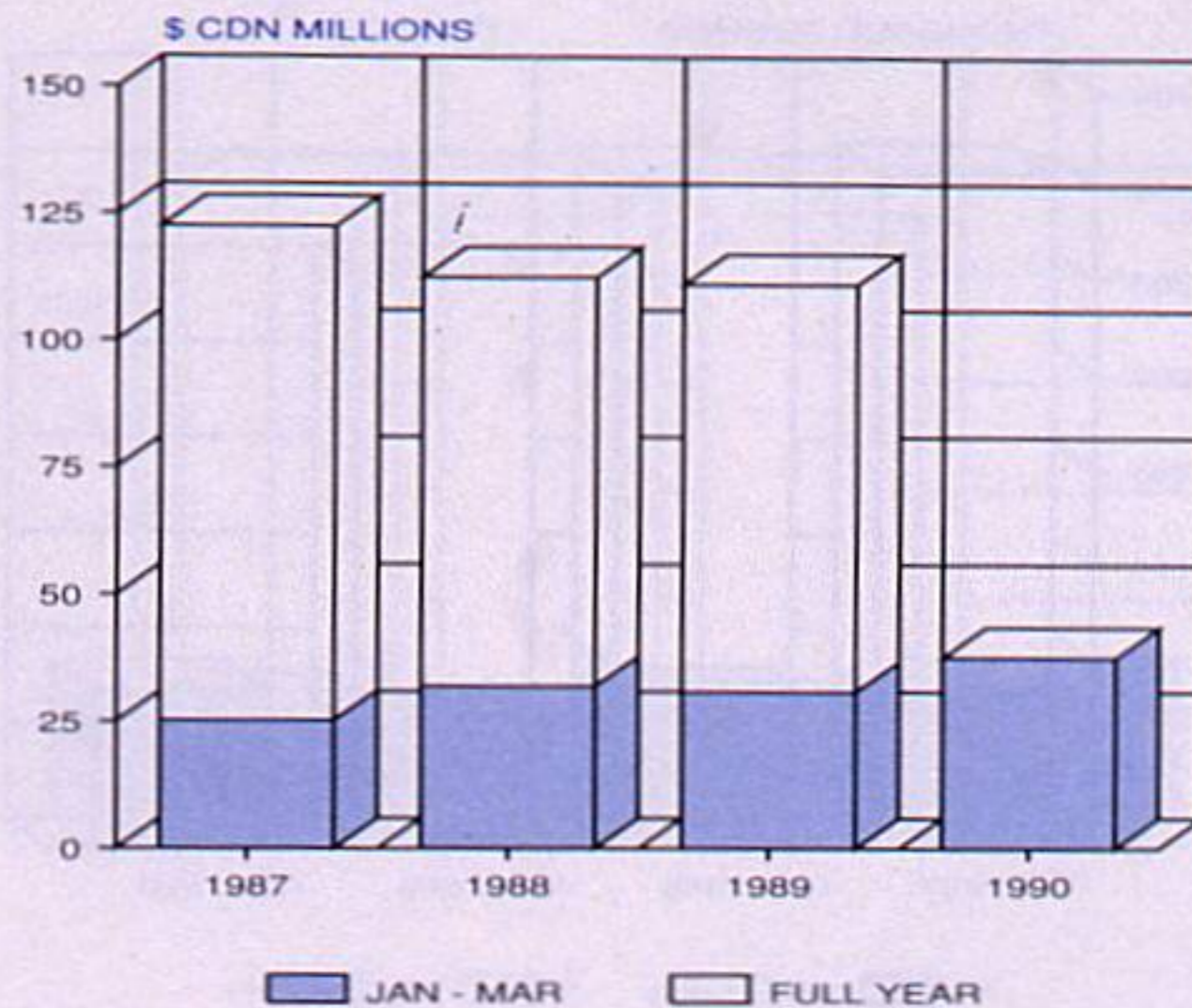
VALUE OF PRODUCTION



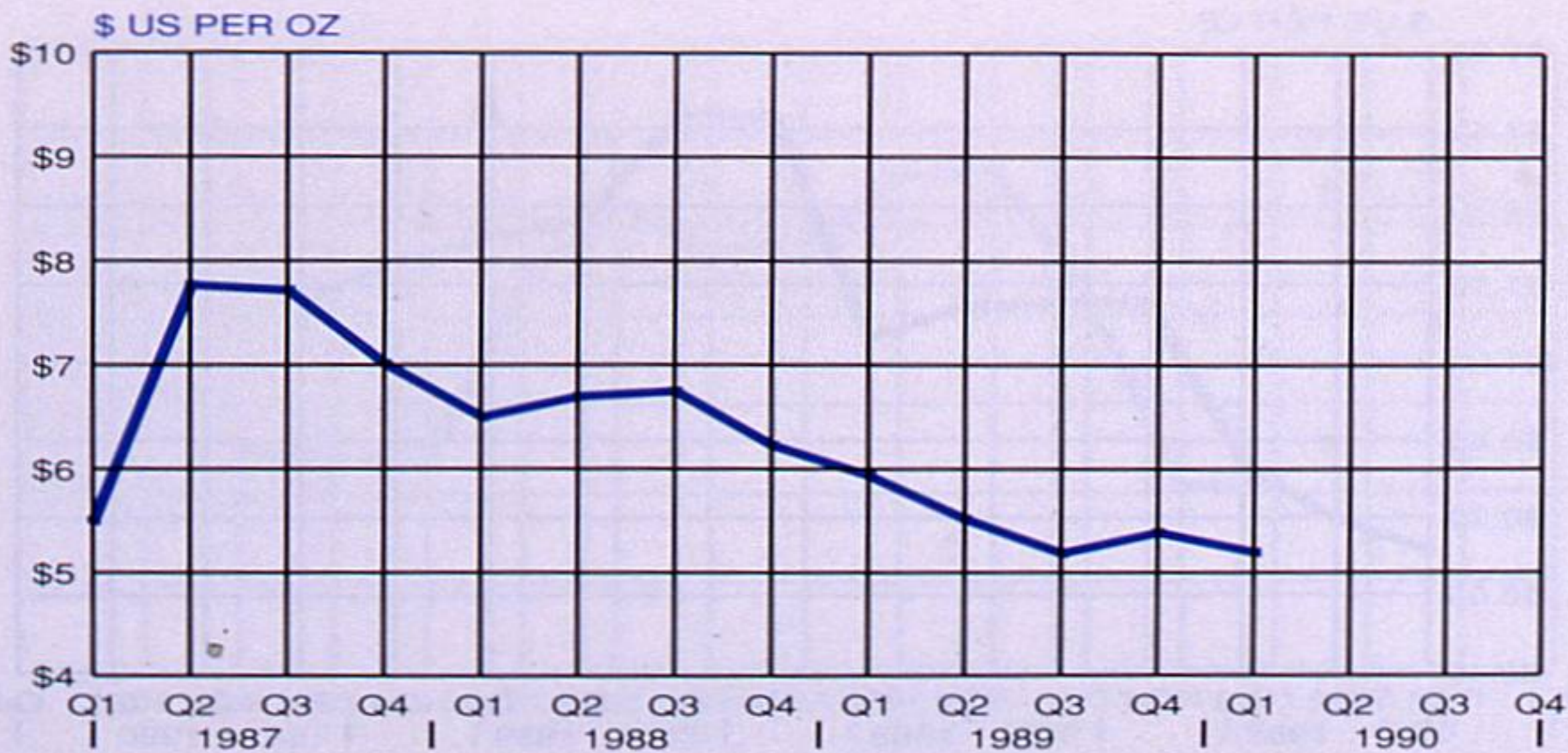
PRODUCTION



VALUE OF PRODUCTION

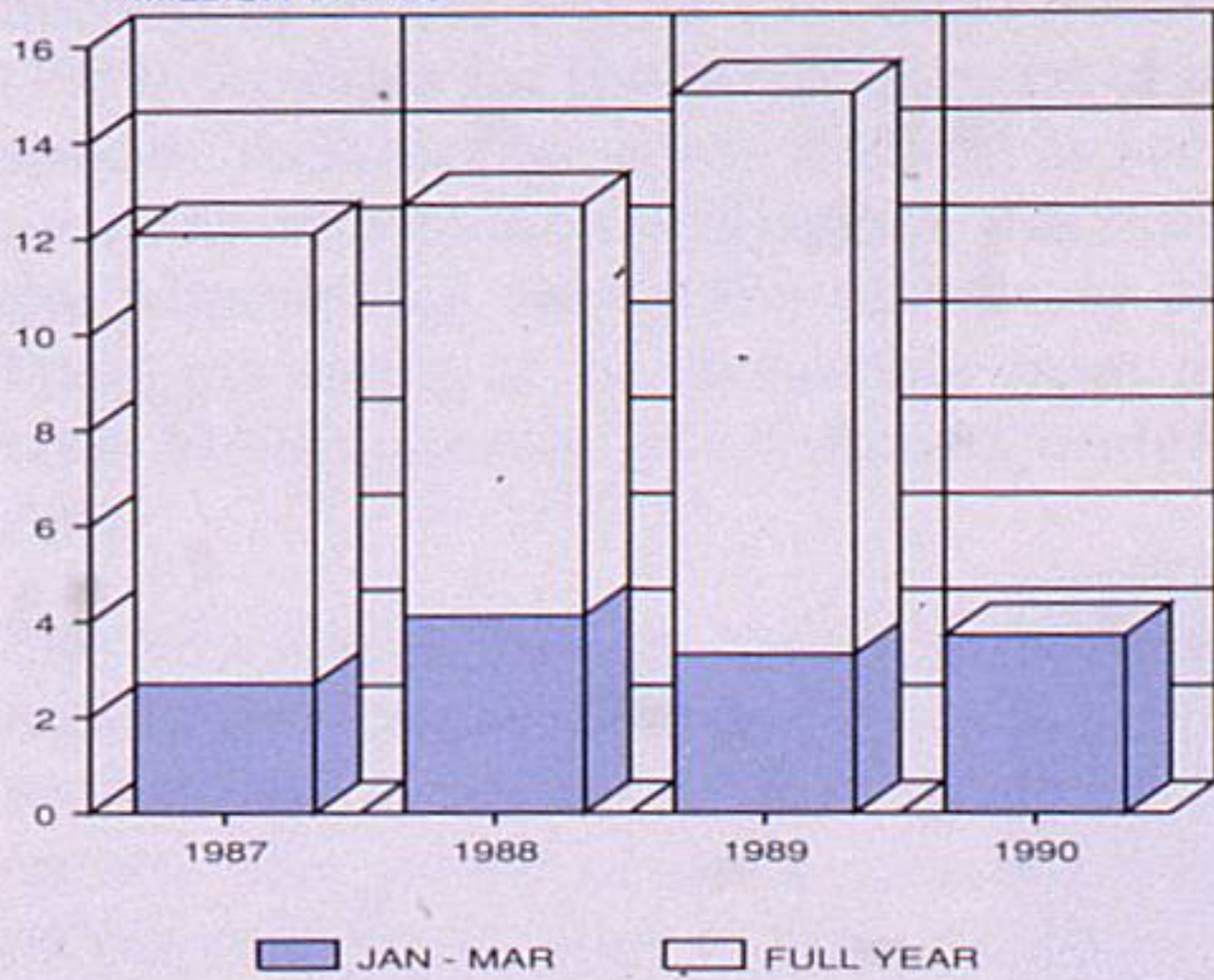


AVERAGE SILVER PRICE HANDY AND HARMAN



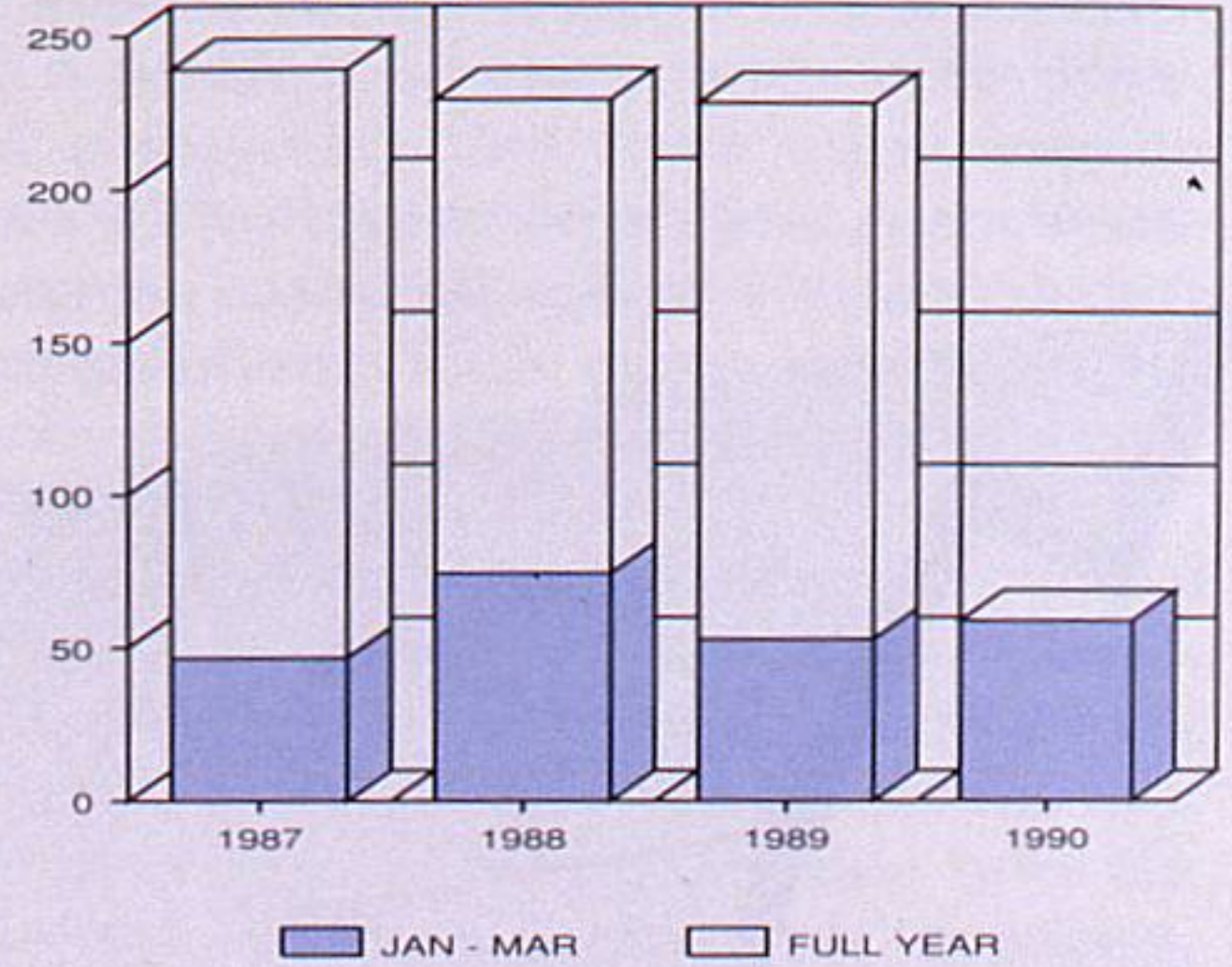
PRODUCTION

MILLION GRAMS



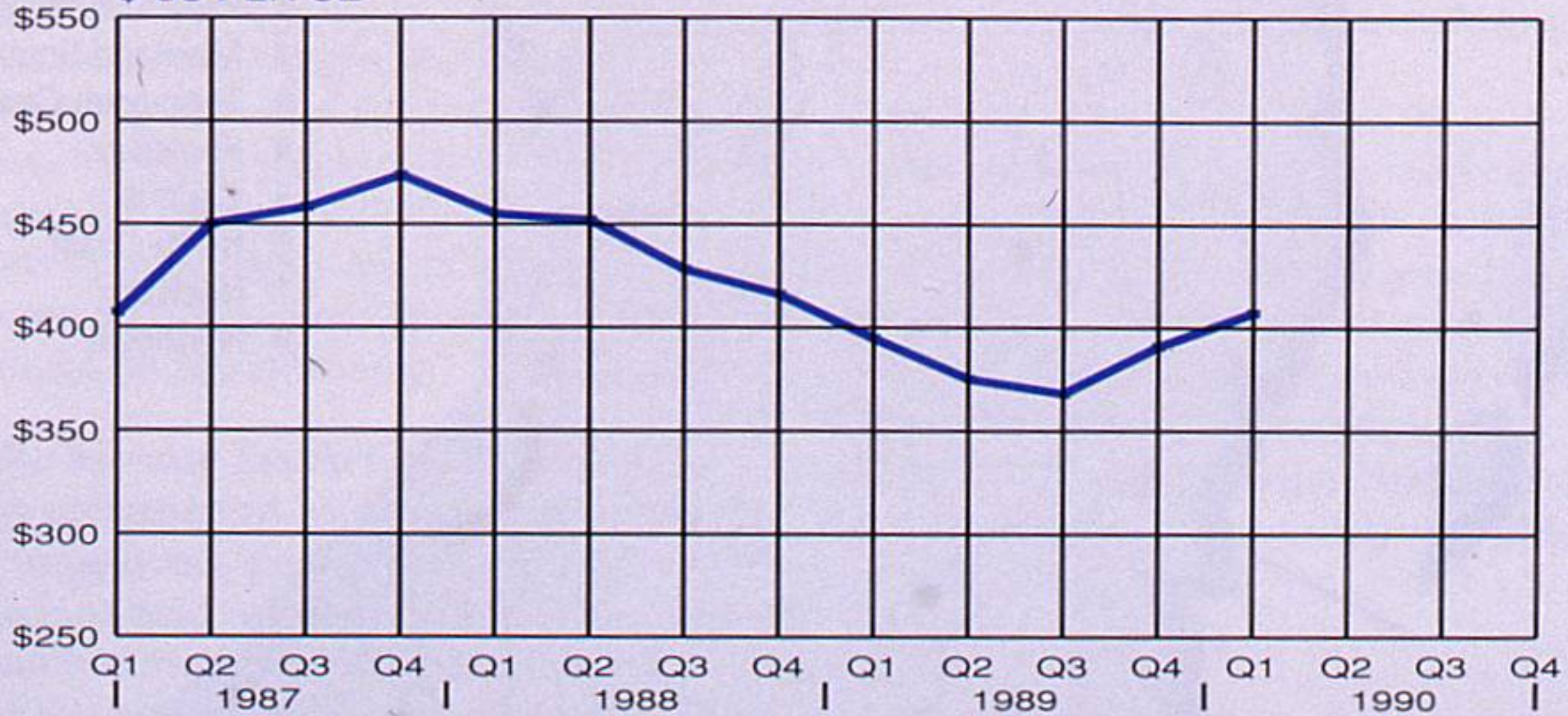
VALUE OF PRODUCTION

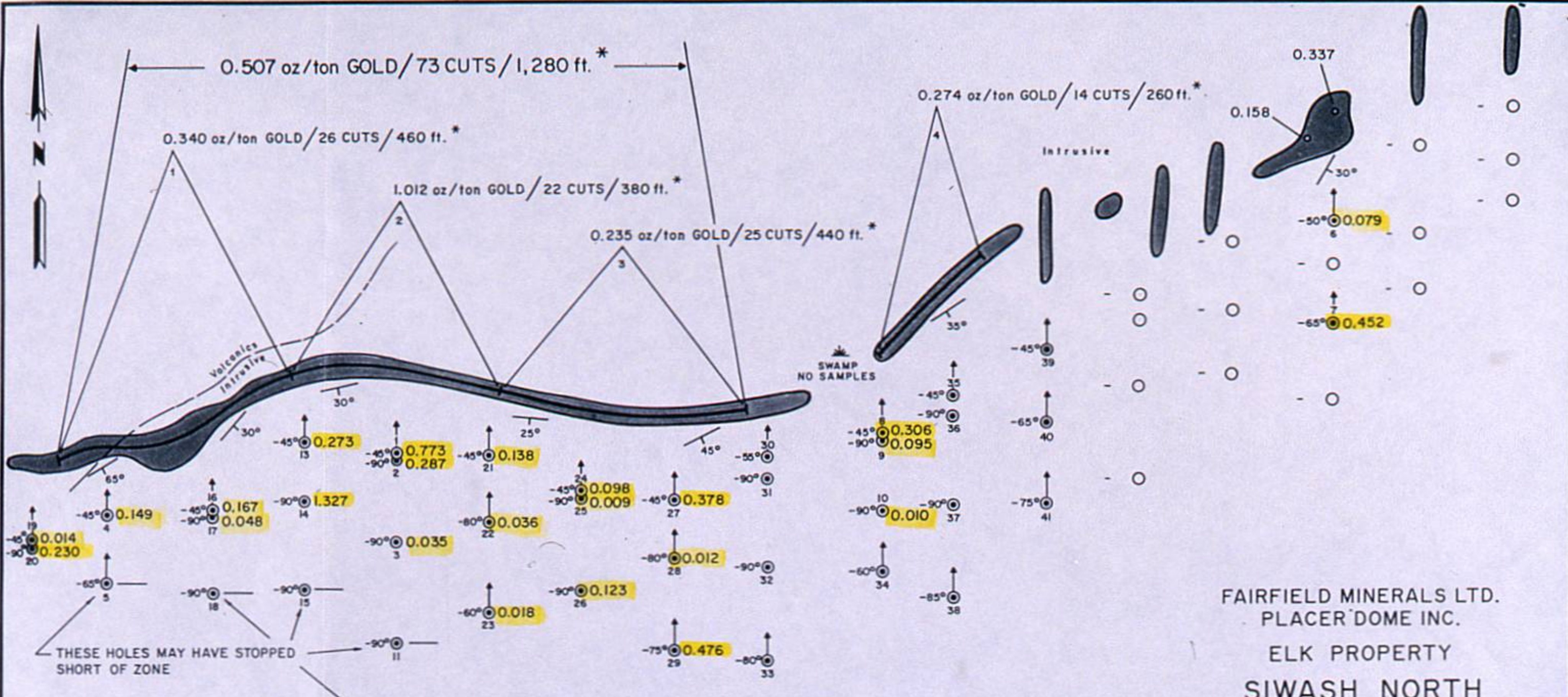
\$ CDN MILLIONS



AVERAGE GOLD PRICE LONDON FINAL

\$ US PER OZ

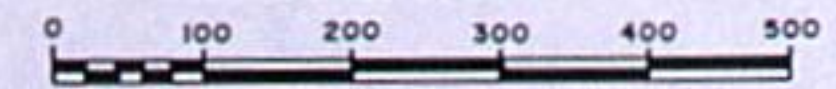




FAIRFIELD MINERALS LTD.
 PLACER DOME INC.
 ELK PROPERTY
 SIWASH NORTH
 GOLD DEPOSIT

SIMILKAMEEN MINING DIVISION, B.C. NTS 92H/16W

SCALE 1:2500



SCALE IN FEET

CORDILLERAN ENGINEERING LTD.
 1980-1055 WEST HASTINGS STREET
 VANCOUVER, B.C. V6E 2E9
 AUGUST 14, 1990

LEGEND

<p>DIAMOND DRILL HOLE oz/ton GOLD OVER 6.6 ft. TRUE WIDTH</p>	<p>PROPOSED DIAMOND DRILL HOLE</p>	<p>* 1.012 oz/ton GOLD / 22 CUTS / 380 ft. OUNCES PER TON GOLD OVER 6.6 ft. TRUE WIDTH / NUMBER OF SURFACE PANEL CUTS TAKEN ACROSS ZONE EVERY 15-20 ft. ALONG STRIKE/ LENGTH OF ZONE SAMPLED</p>
<p>HOLES 1-12 DRILLED IN 1989</p>	<p>HOLES 13-41 DRILLED IN 1990</p>	<p>STRIPPED AREA</p>



ANNUAL REPORT

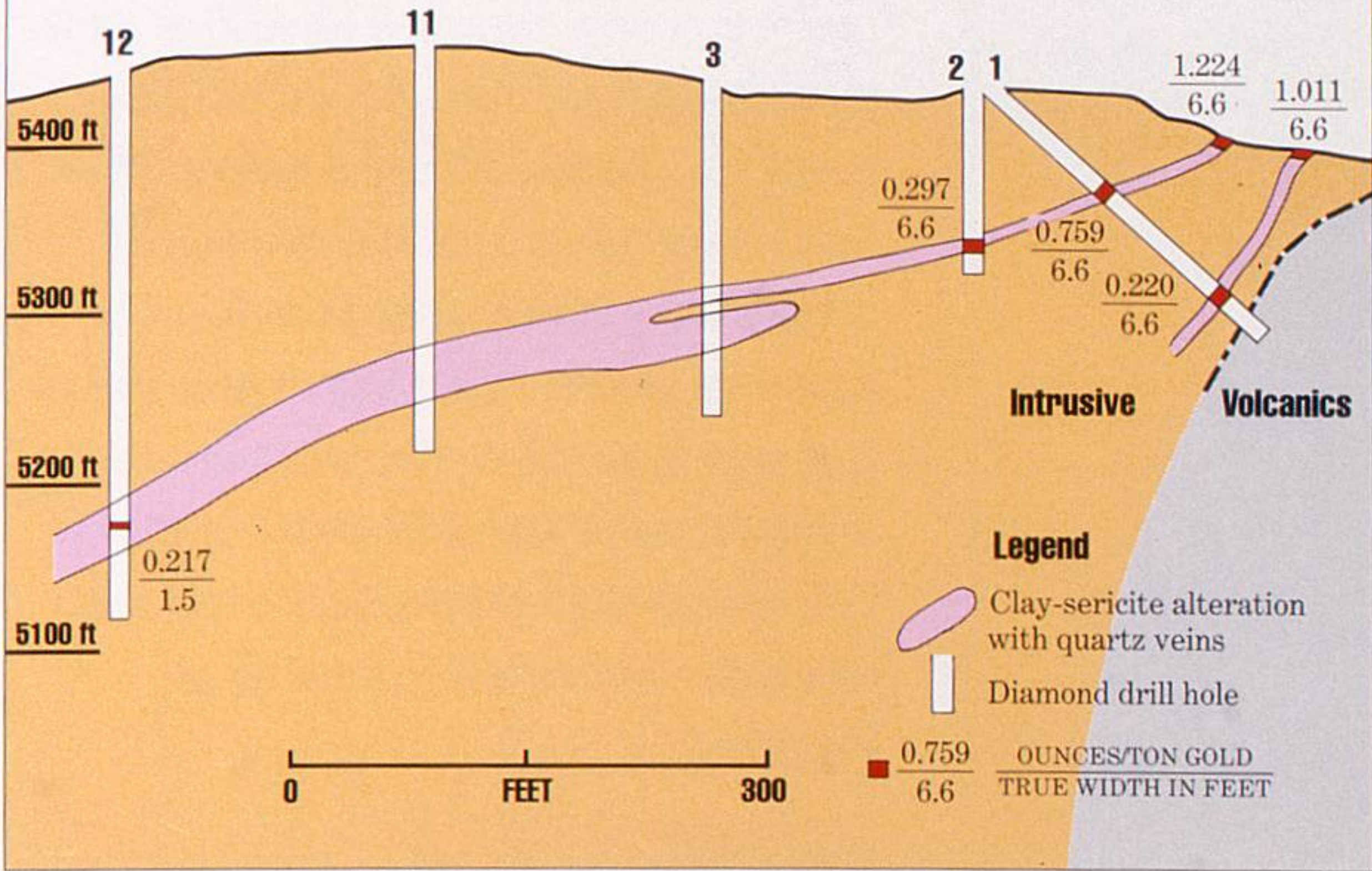
Fairfield Minerals Ltd.

1989

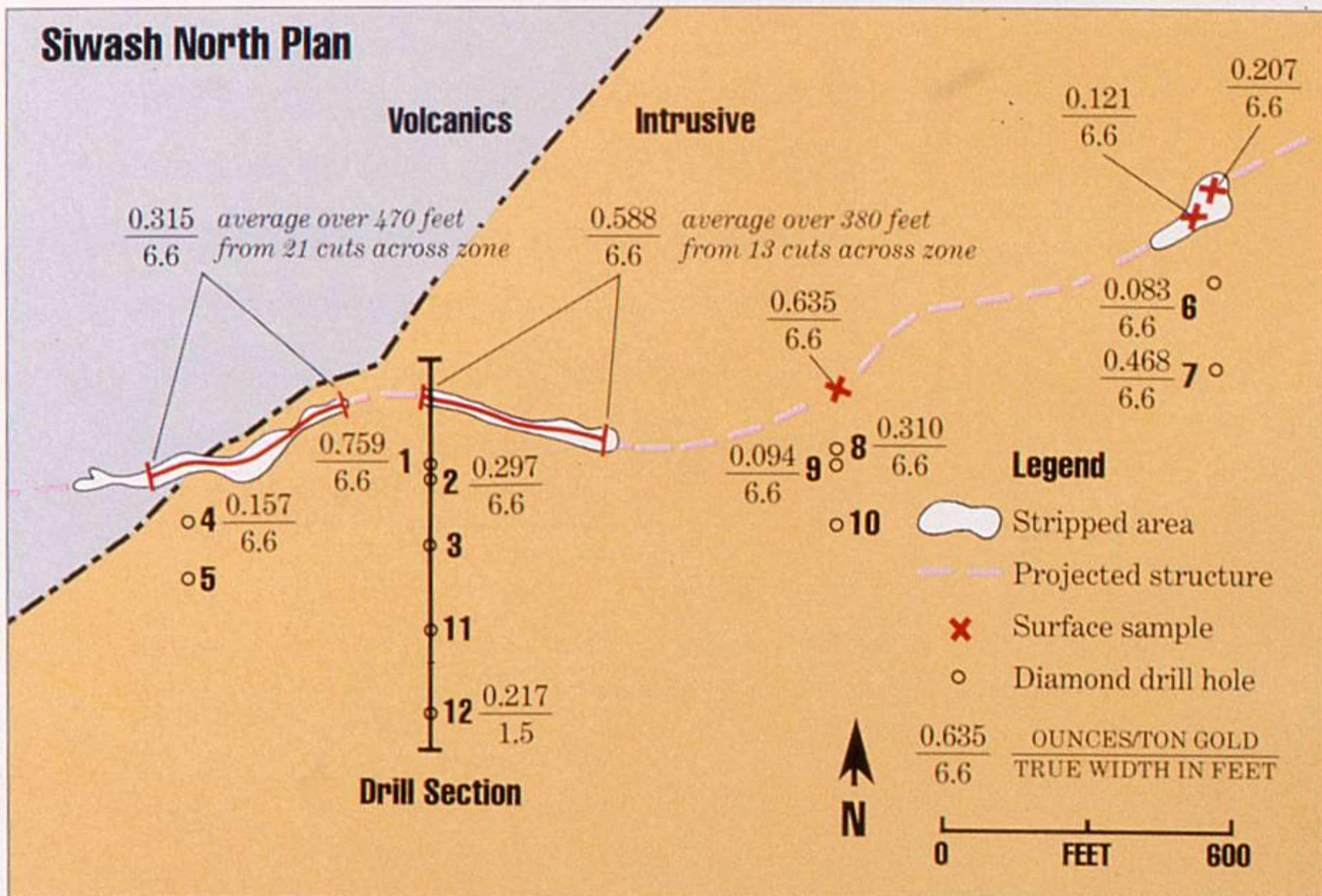




Siwash North Drill Section - Looking West



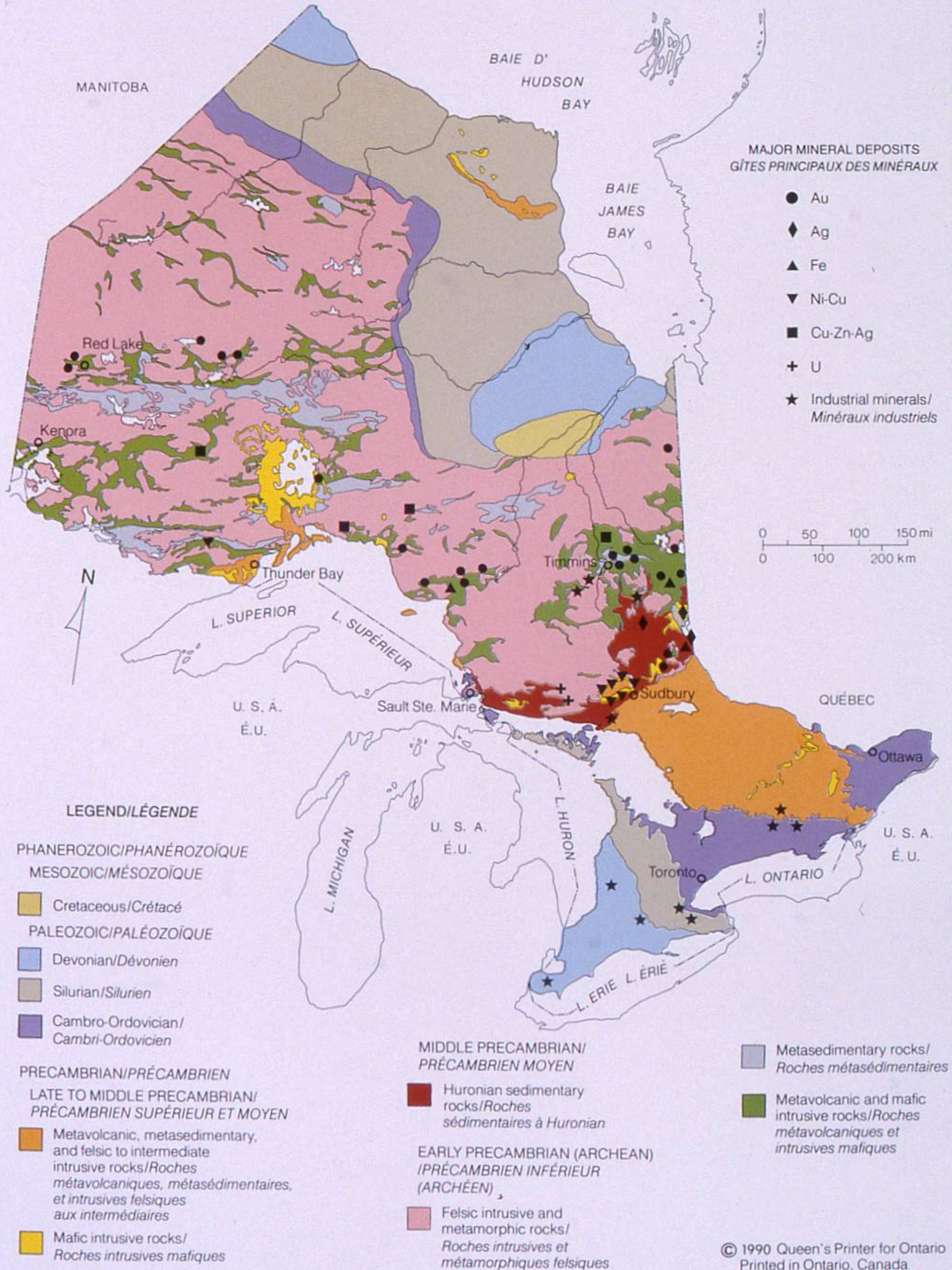
Siwash North Plan



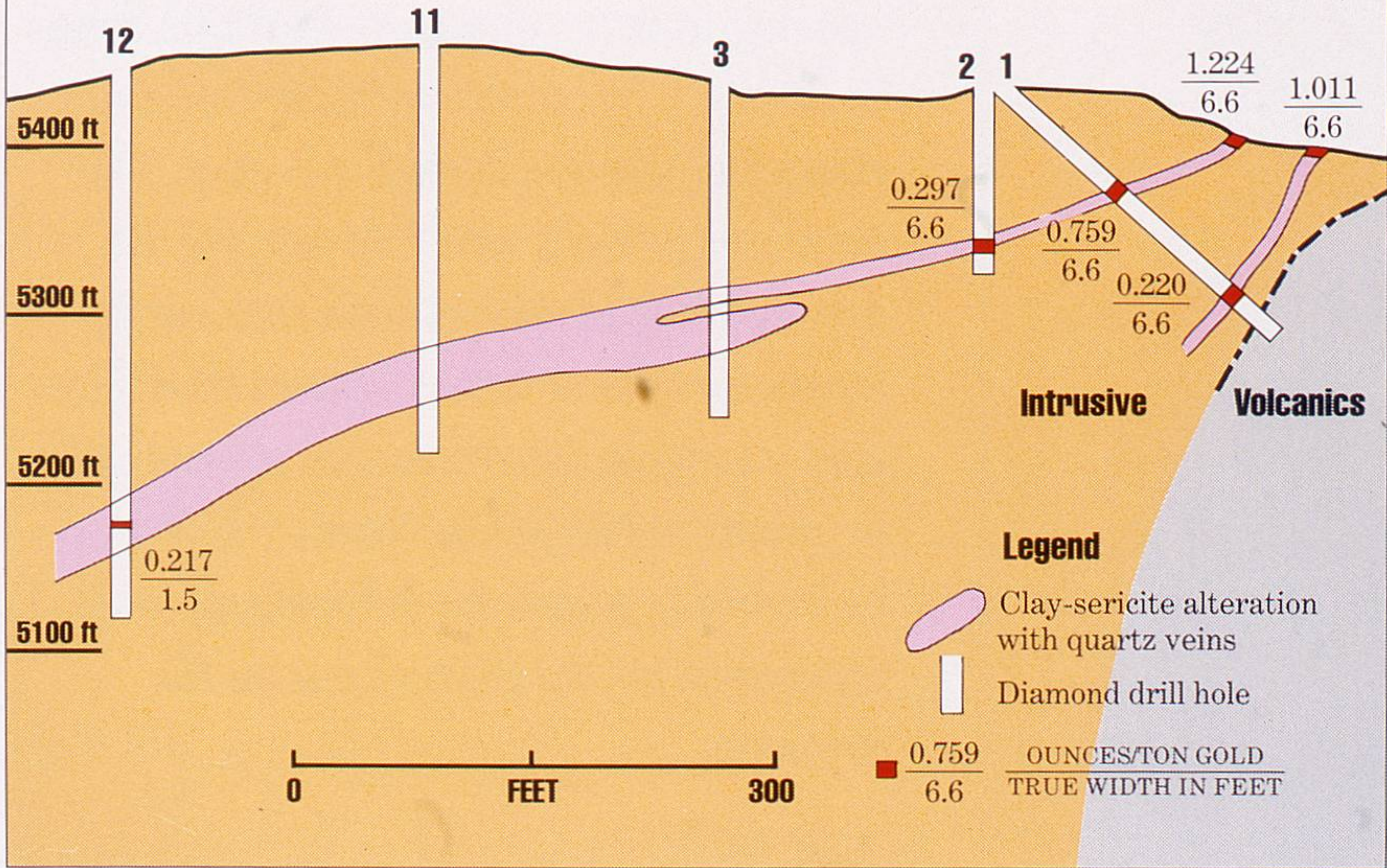


GEOLOGY AND PRINCIPAL MINERALS OF ONTARIO

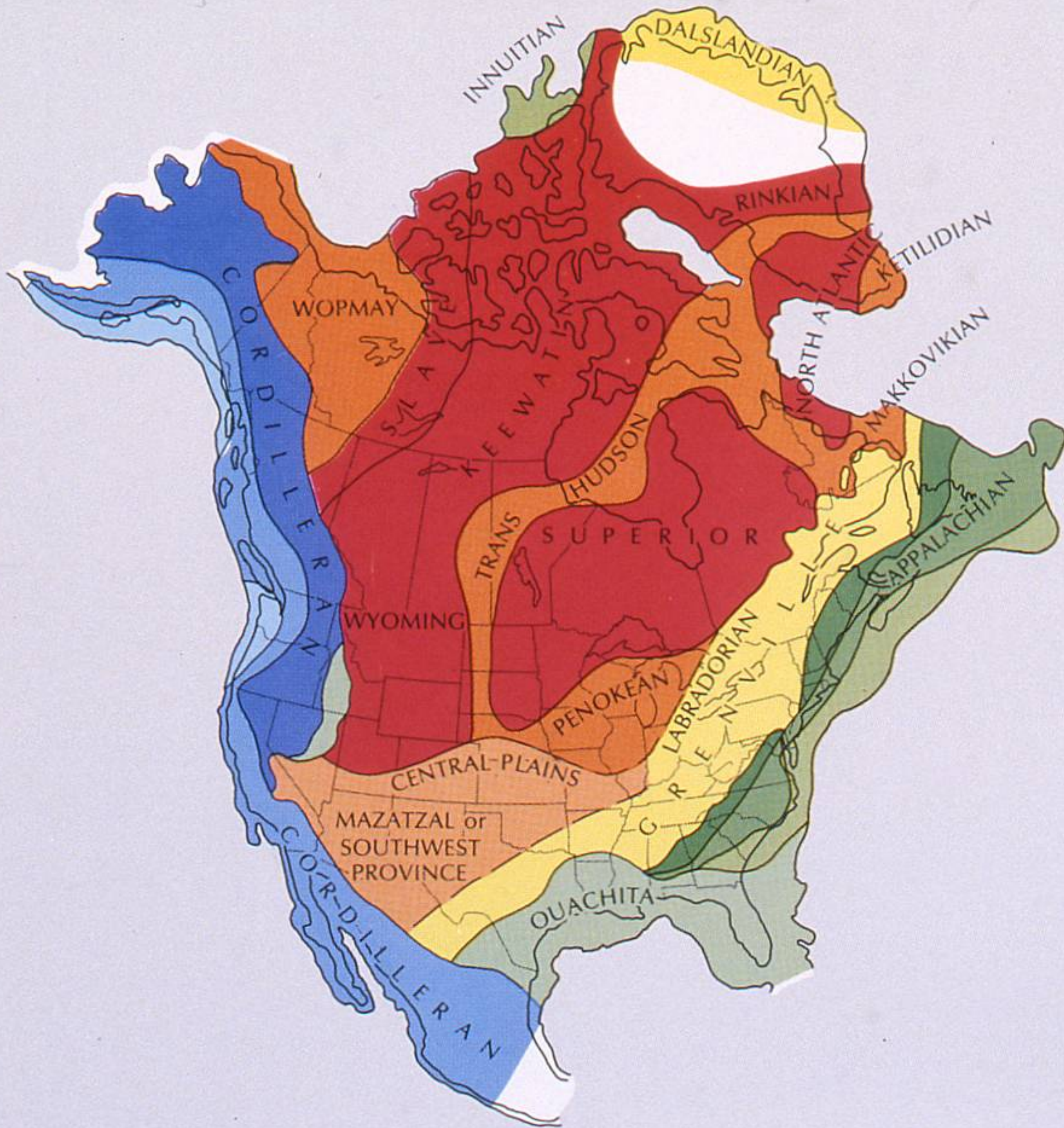
GÉOLOGIE ET MINÉRAUX PRINCIPAUX DE L'ONTARIO



Siwash North Drill Section - Looking West



TIME OF ACCRETION



TERTIARY



CRETACEOUS



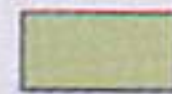
JURASSIC



PALEOZOIC



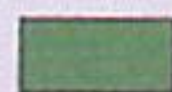
Late



Middle to Late

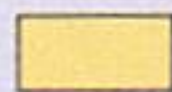


Middle



Early

PROTEROZOIC



Middle to Late



Middle

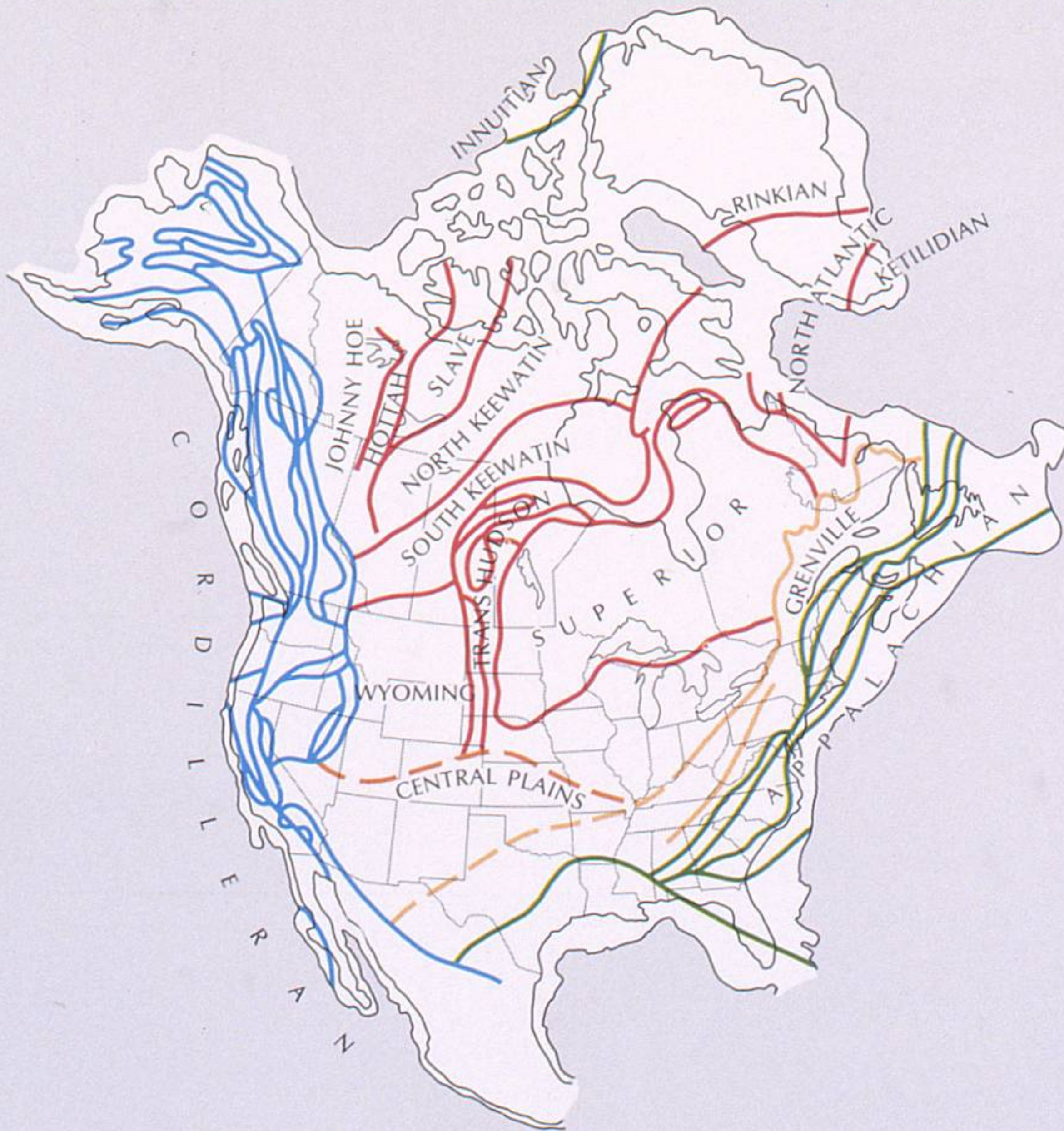


Early

ARCHEAN CRATONS



SUTURES AND TERRANE BOUNDARIES



MESOZOIC TO CENOZOIC



PALEOZOIC



PROTEROZOIC



Middle to Late



Middle

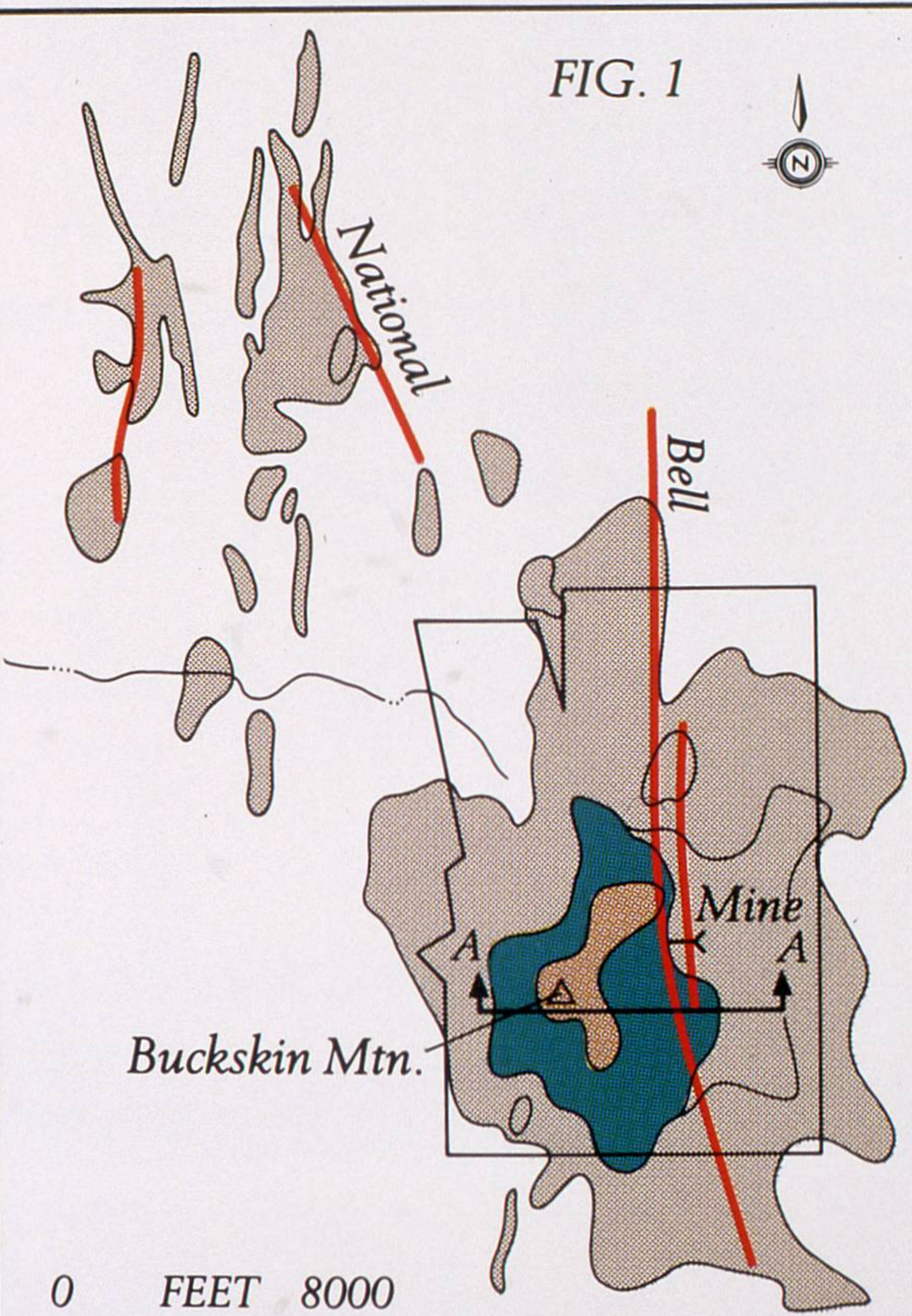


Early to Middle

Sutures and terrane boundaries identify the courses of ancient oceans destroyed by collisional and accretionary events. The intricate array, with some boundaries dating back to the early Proterozoic, indicates the complexity of successive assembly and breakup episodes recorded in North American rocks. Where the stratigraphic record of miogeoclines is obliterated, sutures may be the only evidence of ancient oceans.

PROPERTY & ALTERATION MAP

FIG. 1



National

Bell

Mine

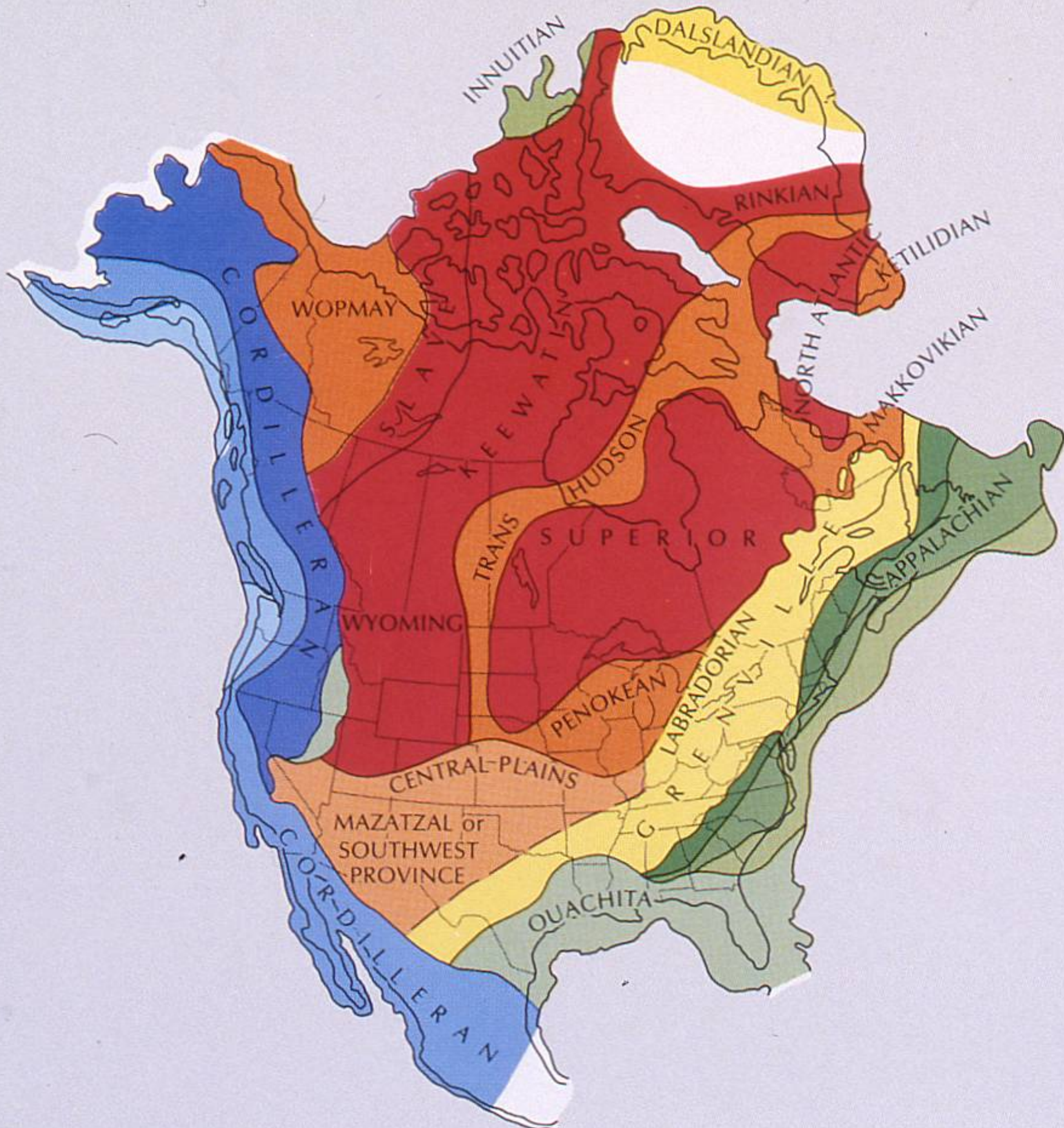
Buckskin Mtn.

A

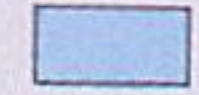
A

0 FEET 8000

TIME OF ACCRETION



TERTIARY



CRETACEOUS



JURASSIC



PALEOZOIC

Late

Middle to Late

Middle

Early

PROTEROZOIC

Middle to Late

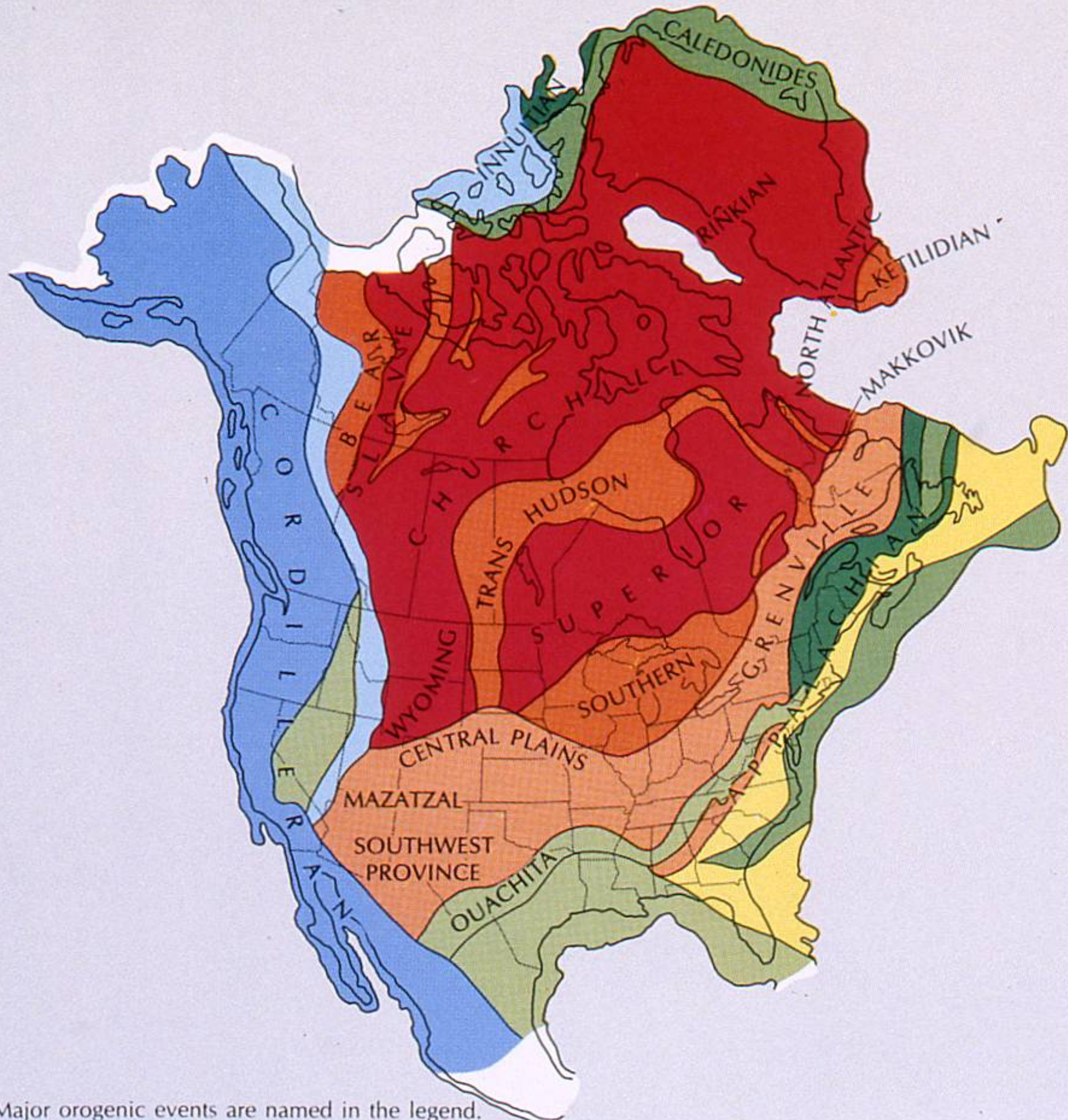
Middle

Early


ARCHEAN CRATONS



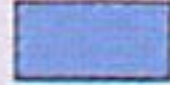
TIME OF FIRST MAJOR DEFORMATION




CRETACEOUS TO TERTIARY


 (*Eureka, Laramide*)

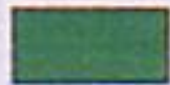
TRIASSIC TO JURASSIC AND OLDER

 (*Columbian*)

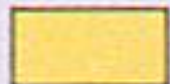
PALEOZOIC


 Late (*Alleghanian, Antler*)


 Middle (*Acadian, Ellesmerian*)

 Early (*Taconian, M'Clintock*)


PROTEROZOIC

 Late to Cambrian (*Avalonian*)

 Middle (*Central Plains, Labradorian*)

 Early (*Hudsonian*)

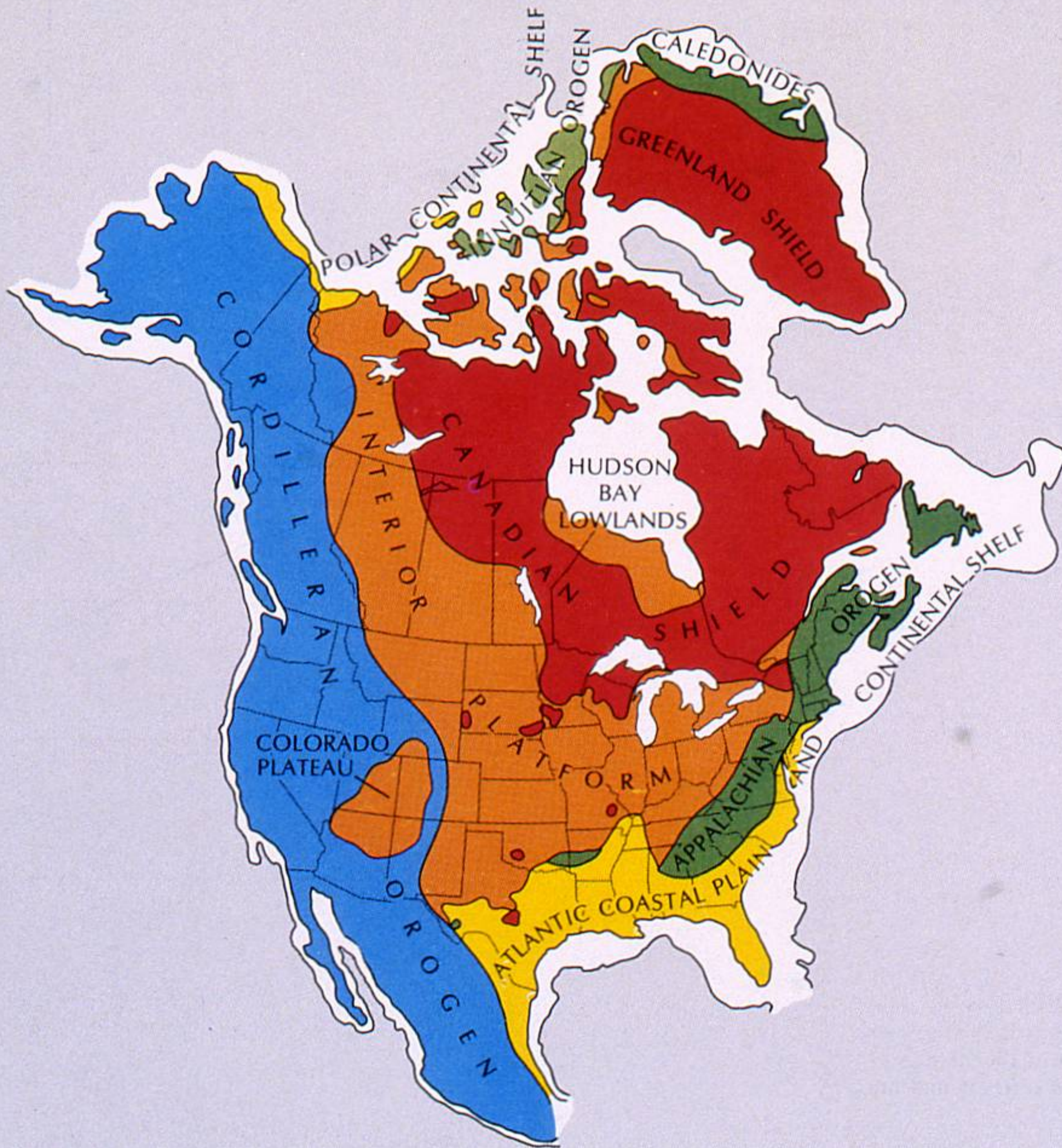
ARCHEAN CRATONS

 (*Kenoran and older*)

(Major orogenic events)

Major orogenic events are named in the legend.
Structural provinces or orogens are named on the map.

NORTH AMERICA — TECTONIC ELEMENTS



First order subdivisions of the North American continent and Greenland are: (1) shields, or broad stable areas of deformed Precambrian rocks; (2) platforms, or broad stable areas of relatively thin cover rocks; (3) Phanerozoic orogens, or linear belts of thick polygenetic deformed rocks; and (4) continental margins of Mesozoic and Cenozoic mainly sedimentary rocks that form the modern coastal plains, and continental shelves, slopes and rises.

The stable central craton of North America, including Greenland, is surrounded peripherally by the Phanerozoic orogens — Appalachian, Cordilleran, Inuitian and Caledonian. These are followed outward by the modern continental margins. This symmetrical arrangement of Phanerozoic tectonic elements is unique to North America, and the pattern has influenced previous North American thinking on the evolution of continents and geologic mountain belts. In the context of plate tectonics, the North American symmetry expresses patterned collisional and breakup events or ancestral controls of modern margins by the courses of earlier Phanerozoic orogens.

The accompanying set of thematic illustrations (6 in all) portrays the deformed rocks of the continent and their extensions beneath the cratonic cover and modern continental margins.

Location Map - South Okanagan Properties

Merritt

Aspen Grove

Hwy. under construction

Sunset

Brenda Mine
(Cu, Mo)

Kelowna

ELK

Dill

Bank

WH

Crest

Oka

Peachland

Swan

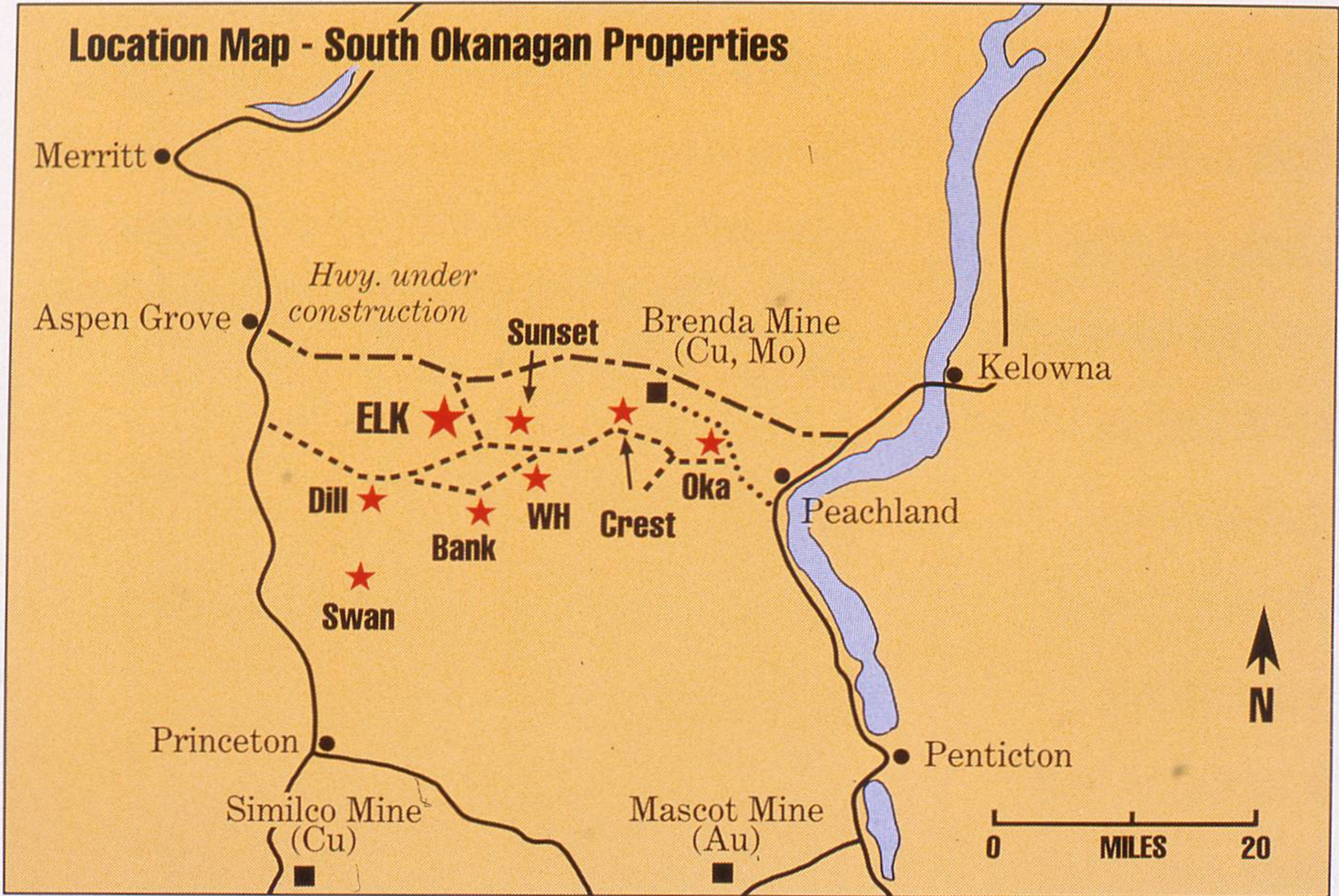
Princeton

Similco Mine
(Cu)

Mascot Mine
(Au)

Penticton

0 MILES 20



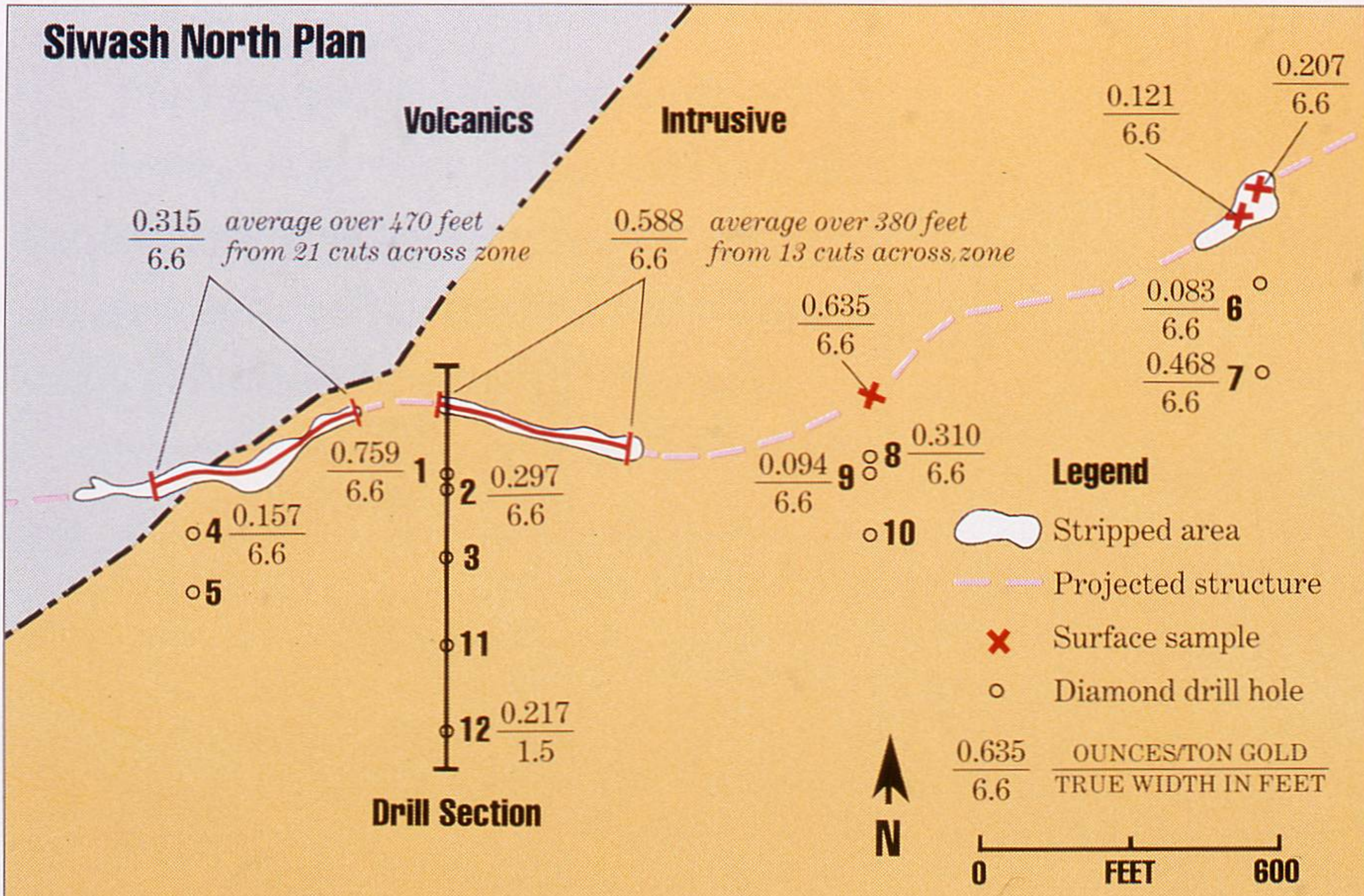
Siwash North Plan

Volcanics

Intrusive

$\frac{0.315}{6.6}$ average over 470 feet
from 21 cuts across zone

$\frac{0.588}{6.6}$ average over 380 feet
from 13 cuts across zone



$\frac{0.121}{6.6}$ $\frac{0.207}{6.6}$

$\frac{0.635}{6.6}$

$\frac{0.083}{6.6}$ 6°

$\frac{0.468}{6.6}$ 7°

$\frac{0.094}{6.6}$ 9° $\frac{0.310}{6.6}$ 8°

○ 4 $\frac{0.157}{6.6}$

○ 5

$\frac{0.759}{6.6}$ 1

○ 2 $\frac{0.297}{6.6}$

○ 3

○ 11

○ 12 $\frac{0.217}{1.5}$

Legend

- Stripped area
- Projected structure
- Surface sample
- Diamond drill hole

$\frac{0.635}{6.6}$ $\frac{\text{OUNCES/TON GOLD}}{\text{TRUE WIDTH IN FEET}}$

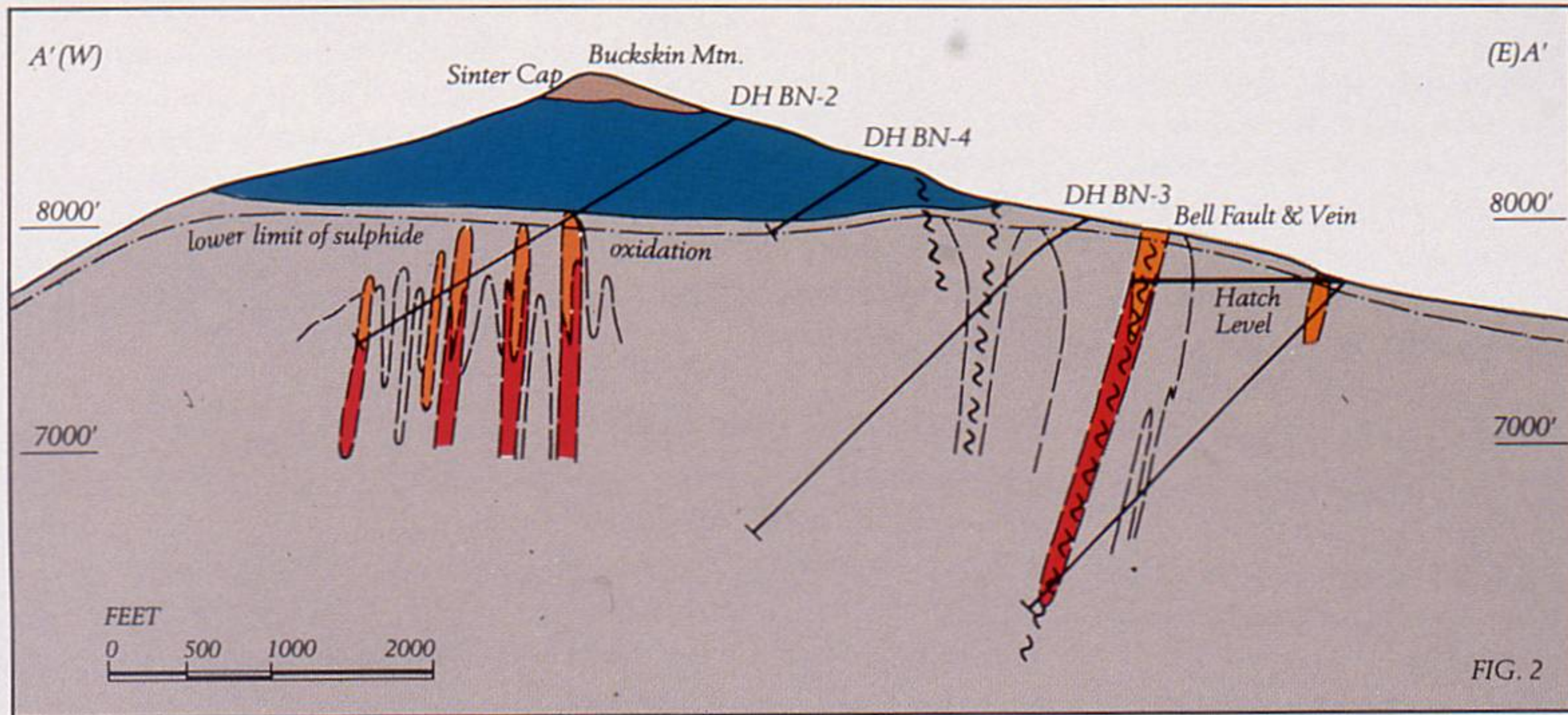


Drill Section

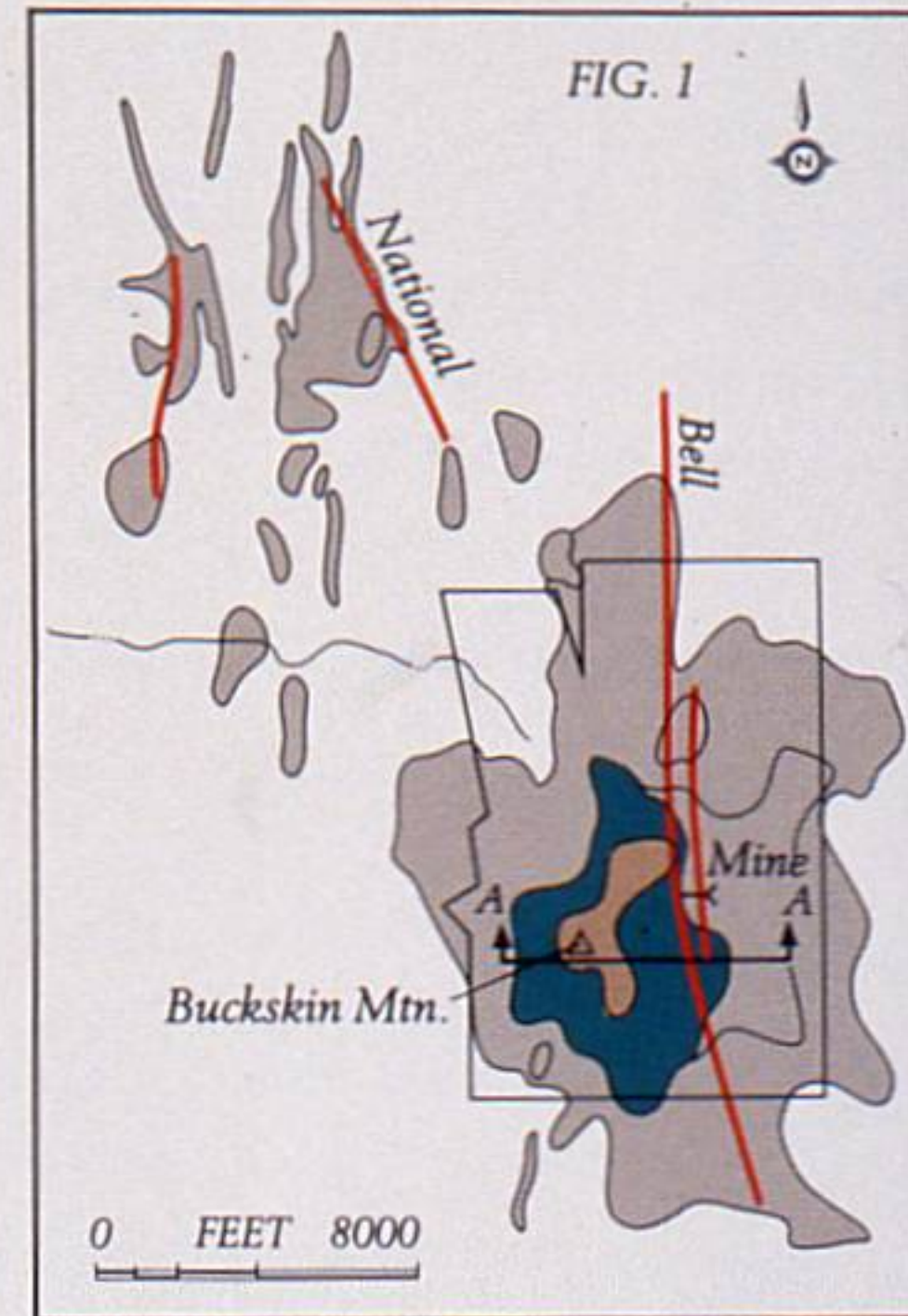
BRENDA MINES LTD.

**STRATEGY FOR A SUCCESSFUL
MINE CLOSURE**

CROSS SECTION BUCKSKIN MOUNTAIN



PROPERTY & ALTERATION MAP



- chalcedonic silica + quartz + cinnabar*
- quartz + kaolinite + alunite + illite ± pyrite*
- illite/montmorillonite ± kaolinite ± quartz + pyrite*
- quartz + stibnite + pyrite + kaolinite ± barite ± illite ± cinnabar*
- veins = quartz + kaolinite + muscovite + Ag sulfosalts-selenides + electrum*

CROSS SECTION BUCKSKIN MOUNTAIN

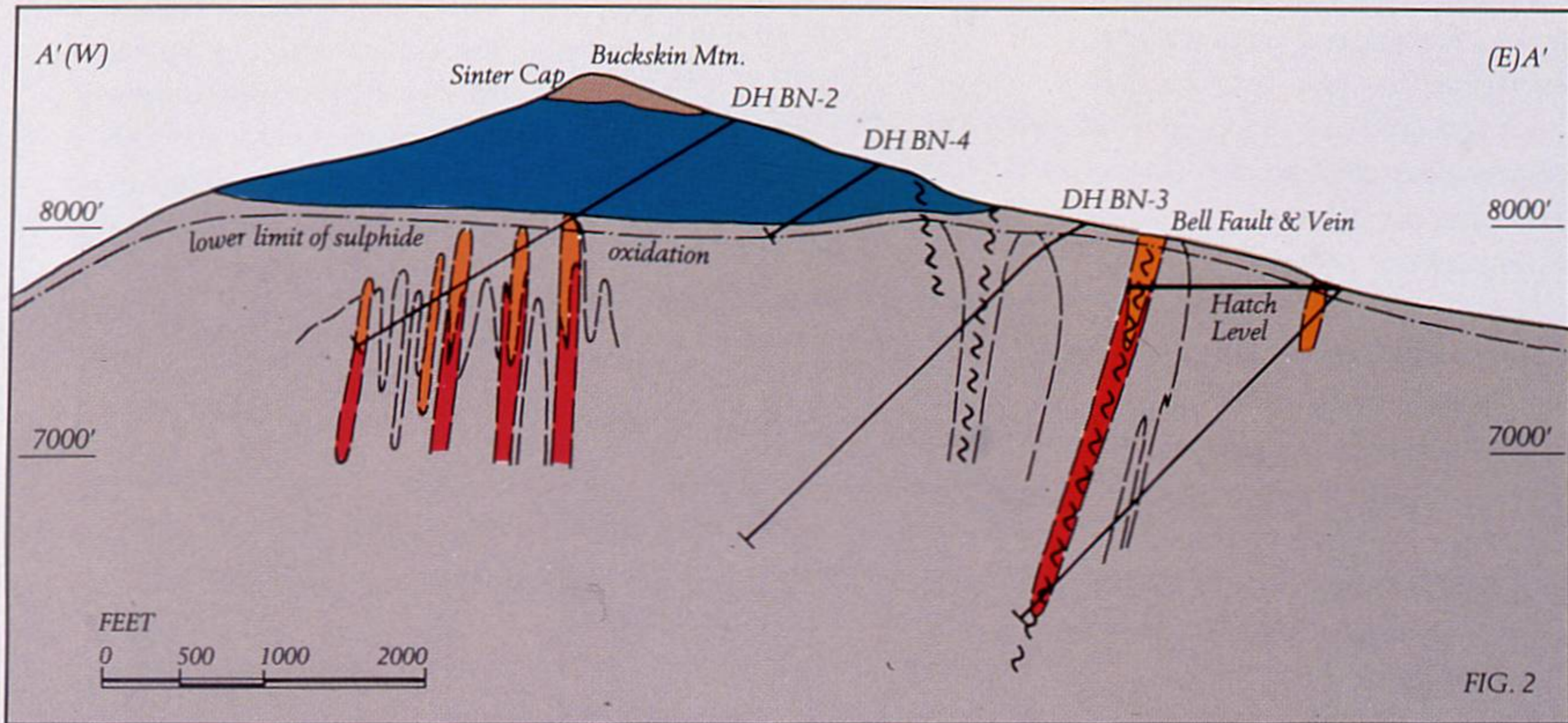
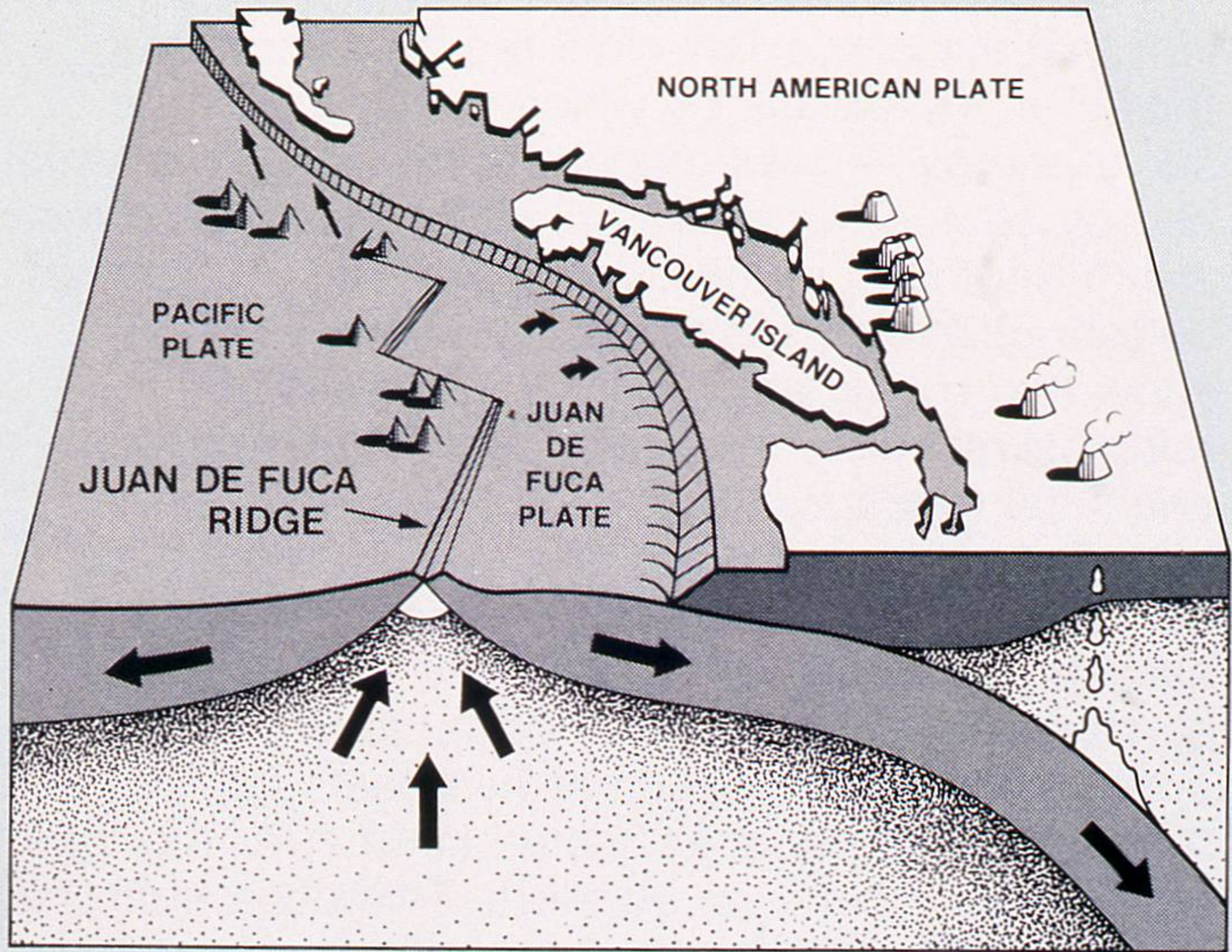
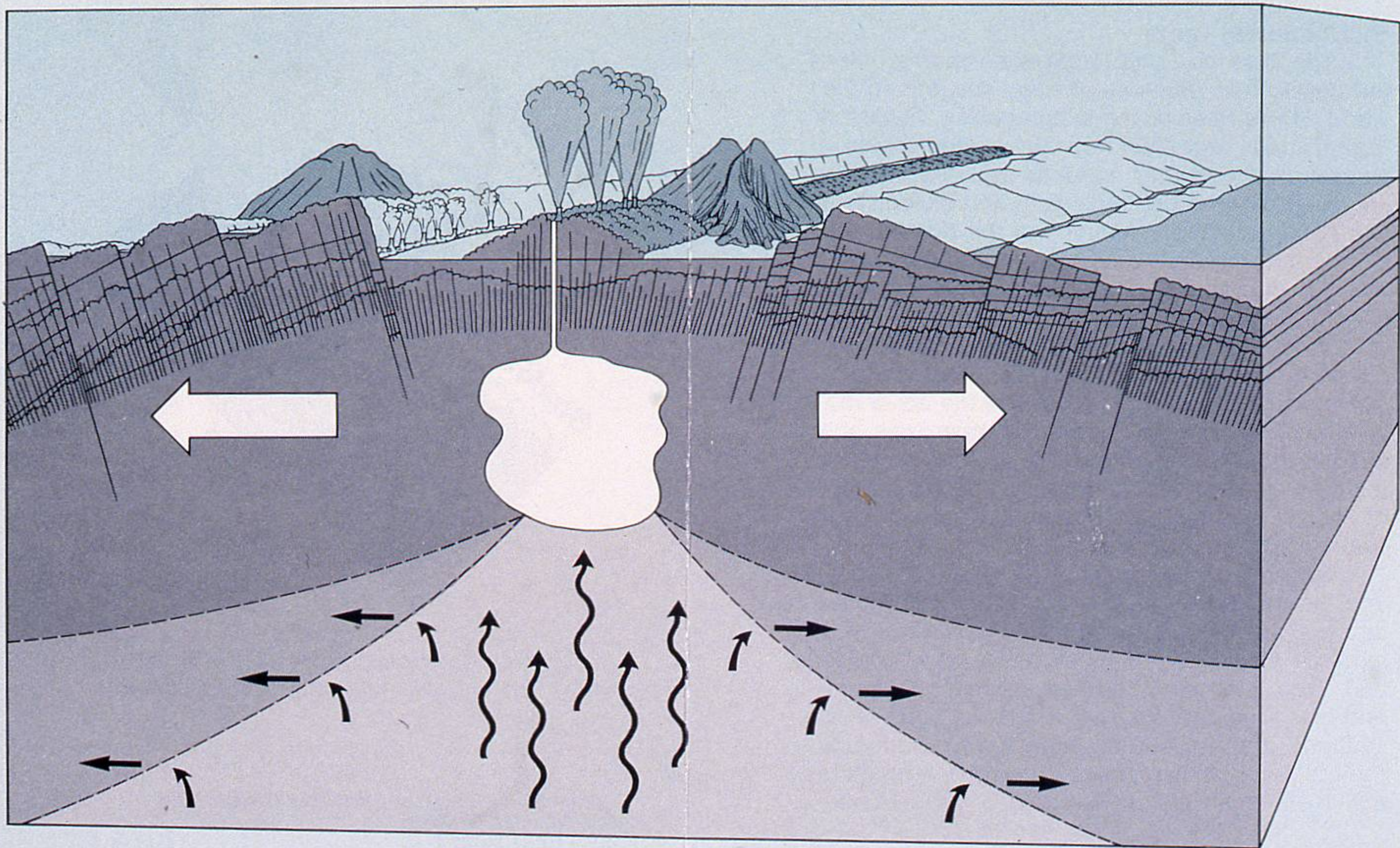


FIG. 2

- chalcedonic silica + quartz + cinnabar*
- quartz + kaolinite + alunite + illite ± pyrite*
- illite/montmorillonite ± kaolinite ± quartz + pyrite*
- quartz + stibnite + pyrite + kaolinite ± barite ± illite ± cinnabar*
- veins = quartz + kaolinite + muscovite + Ag sulfosalts-selenides + electrum*



The Juan de Fuca Ridge is a site of active seafloor spreading off western North America.



GEOLOGICAL SURVEY OF CANADA
CORDILLERAN AND PACIFIC GEOSCIENCE DIVISION



BEAUFORT
SEA

FORELAND BELT: Proterozoic to Jurassic sedimentary strata on passive North American cratonic margin; Jurassic to Paleogene foredeep clastics; folded, thrust eastwards.

OMINECA BELT: Metamorphosed Proterozoic to Jurassic sedimentary, volcanic strata; Tertiary and older intrusions; boundary between accreted terranes and cratonic margin.

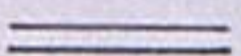

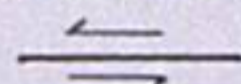
INTERMONTANE BELT: Devonian to Recent sedimentary, igneous rocks; pre-Middle Jurassic, island arcs, oceanic crust; post-Middle Jurassic rocks on North American continental margin.

COAST BELT: Jurassic to Tertiary granite rocks; metamorphosed septa of latest Proterozoic through Mesozoic strata.

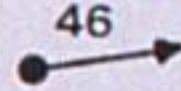
INSULAR BELT: Proterozoic(?) to Jurassic intraoceanic sedimentary, igneous rocks; younger imbricated continental margin, oceanic rocks.

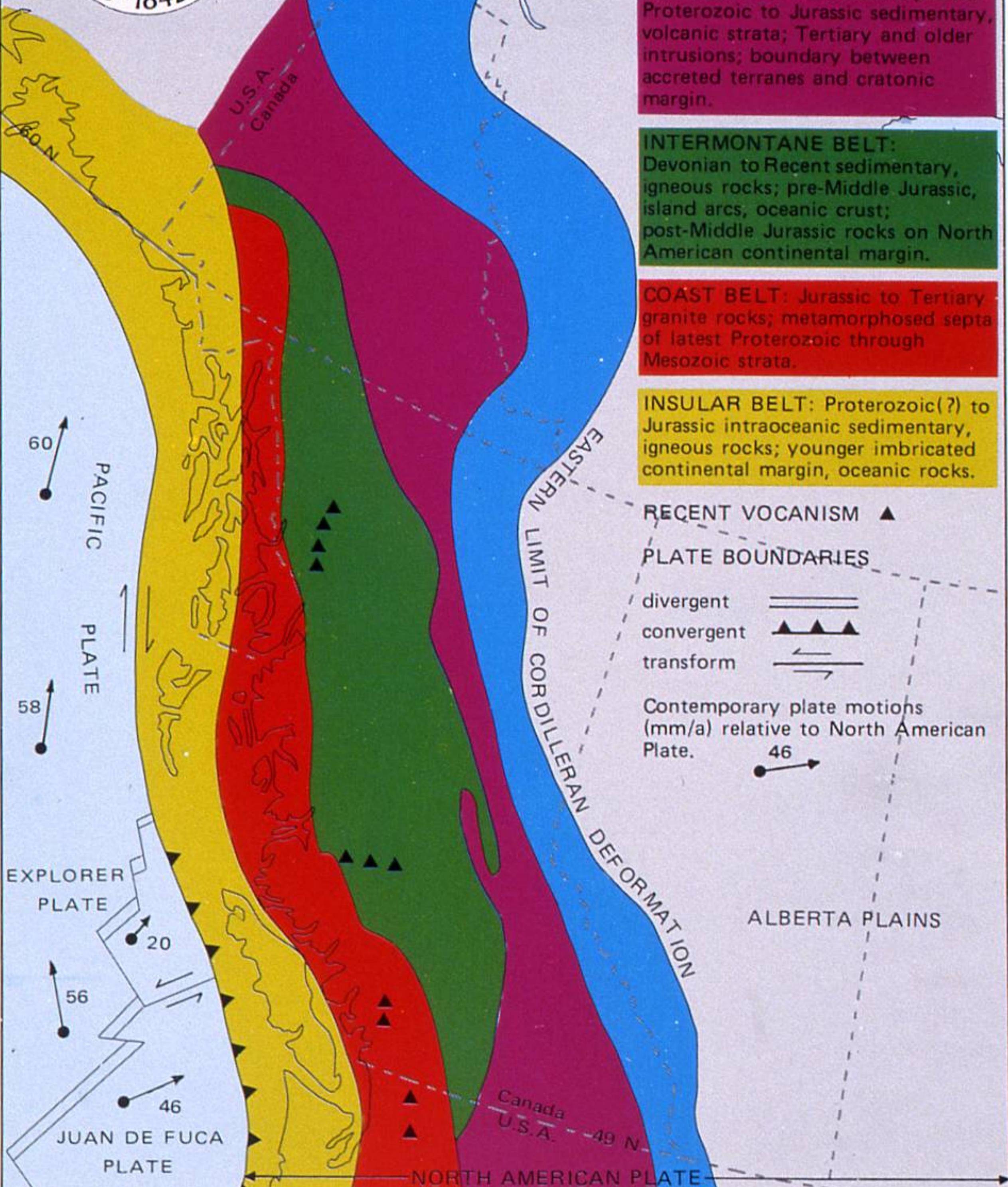
RECENT VOCANISM ▲

PLATE BOUNDARIES

divergent 
convergent 
transform 

Contemporary plate motions (mm/a) relative to North American Plate.

46 



ALBERTA PLAINS

NORTH AMERICAN PLATE