

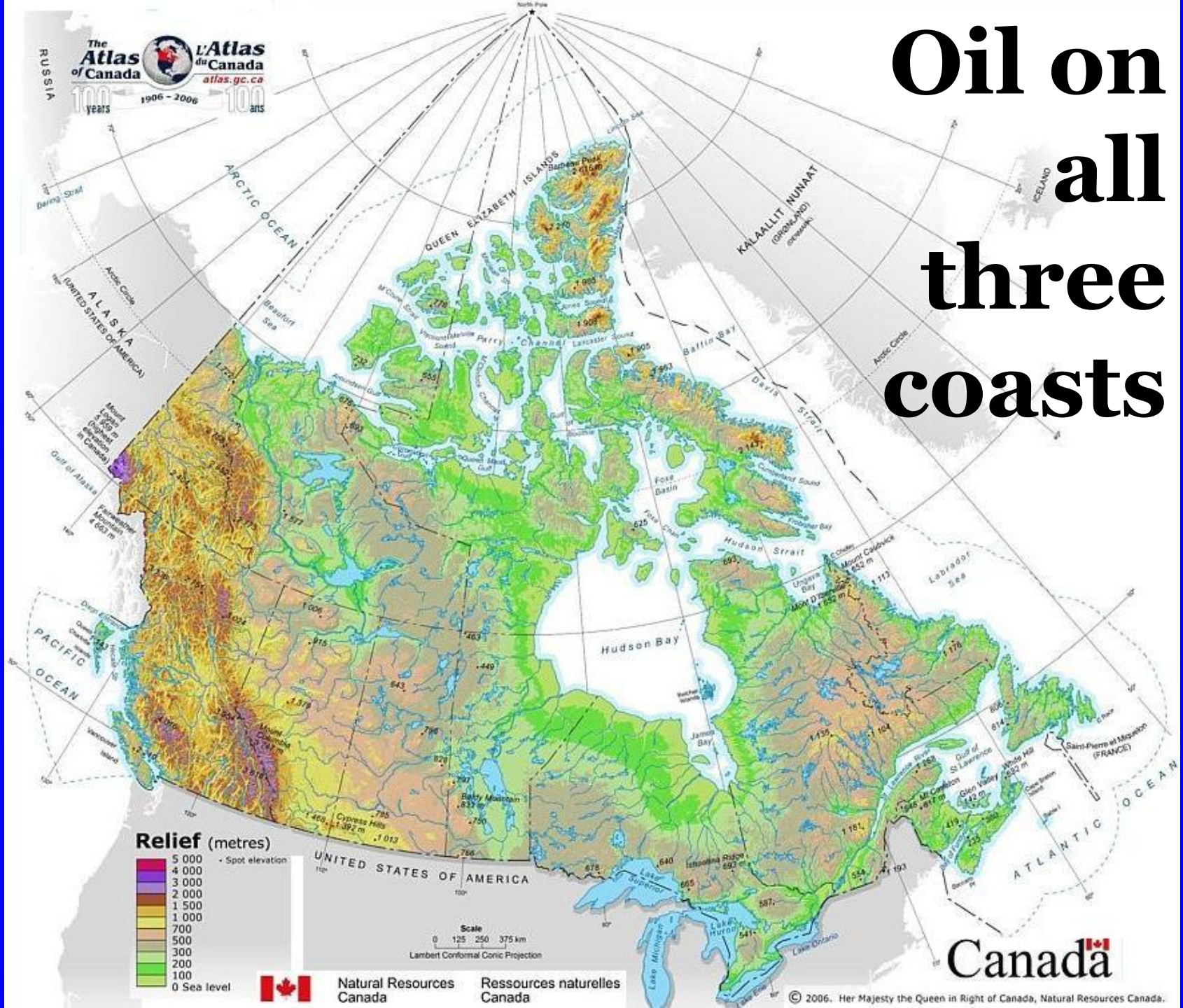
Drill, baby, drill!
*Why Canada Needs
Its Offshore Oil*

Henry Lyatsky

Lyatsky Geoscience Research & Consulting Ltd.

Calgary

Oil on all three coasts



**All I have is a voice
To undo the folded lie**

-- W.H. Auden

Silent Majority Key

Stop talking to ourselves

**Explain benefits of oil
production to Canadians**

Do you want Calgary now or Calgary in 1885 ?

Alberta without oil -- Remember the NEP !



Prosperity or poverty?

Jobs or unemployment?

***Modernity or Middle
Ages?***

***Cars and planes, or
horse and buggy?***

ENERGY

The 10-billion-barrel battle

1 man's campaign to end B.C.'s offshore drilling ban

Last Updated: Friday, November 20, 2009 | 4:39 PM ET

By Dave Simms CBC News

Henry Lyatsky is a man on a mission.

The Calgary-based oil industry consultant is on a one-man campaign to lift the moratorium on offshore oil drilling on Canada's West Coast.

While his message gets a sympathetic ear in his hometown, the centre of Canada's oil industry, his mission is more of an uphill battle in British Columbia.



At stake are 9.8 billion barrels of oil — enough to supply all of Canada's domestic needs for four years — and one of the most picturesque and rugged seascapes in the world. The oil is concentrated in the Queen Charlotte basin between northern Vancouver Island and Haida Gwaii, also known as the

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Henry
Lyatsky, EC

CBC News - Money - The 10-billion-barrel battle - Windows Internet Explorer

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CBC News - Money - The 10-billion-barrel battle

"When you live here," she said, "and you depend on the coast, these concerns aren't overrated. They are really important."

Lyatsky believes his view will prevail.

"I would say it's in our own hands," he said. "The chances are pretty good if we make the effort to push things forward. Nothing will happen if we do nothing. It can be done. I'm certain it can be done."

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FreeFlyer wrote: Harry L.= environmental criminal!
Posted 2009/11/22 at 6:39 PM ET

17 12

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FreeFlyer wrote: This oil thing is a real problem that we need to come to grips with. In

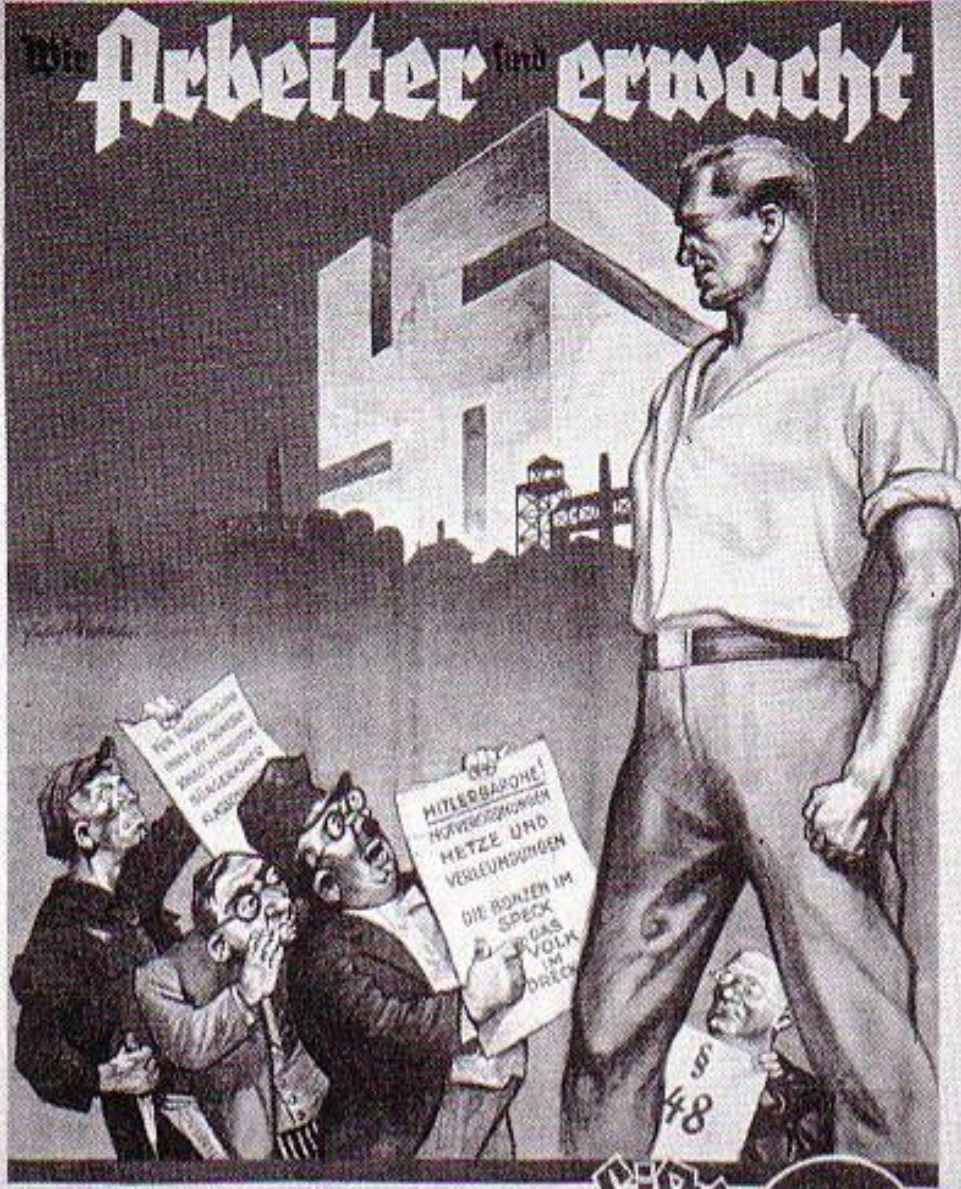
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**Bears never think
they are
progressive or
clever -- this
makes them
rational**

*Irrationality
of many anti-
oil sentiments*





wie wir wissen
Nationalsozialisten 2



Anti-capitalism

Comradeship



“Corporate greed”

Who is greedy ??

RRSP pensioners and other investors

Employees

Consumers

Users of tax-funded public services

All of us !

How we look for oil

*“Oil is found in
the minds of
men”*

Read the story in the rocks

TOC up
to and
over
11%

Sandilands Fm.,
Cumshewa Inlet, QCI

Oil-Prone Source Rocks





Gravimeter
Field
Operation



Aeromagnetic Survey

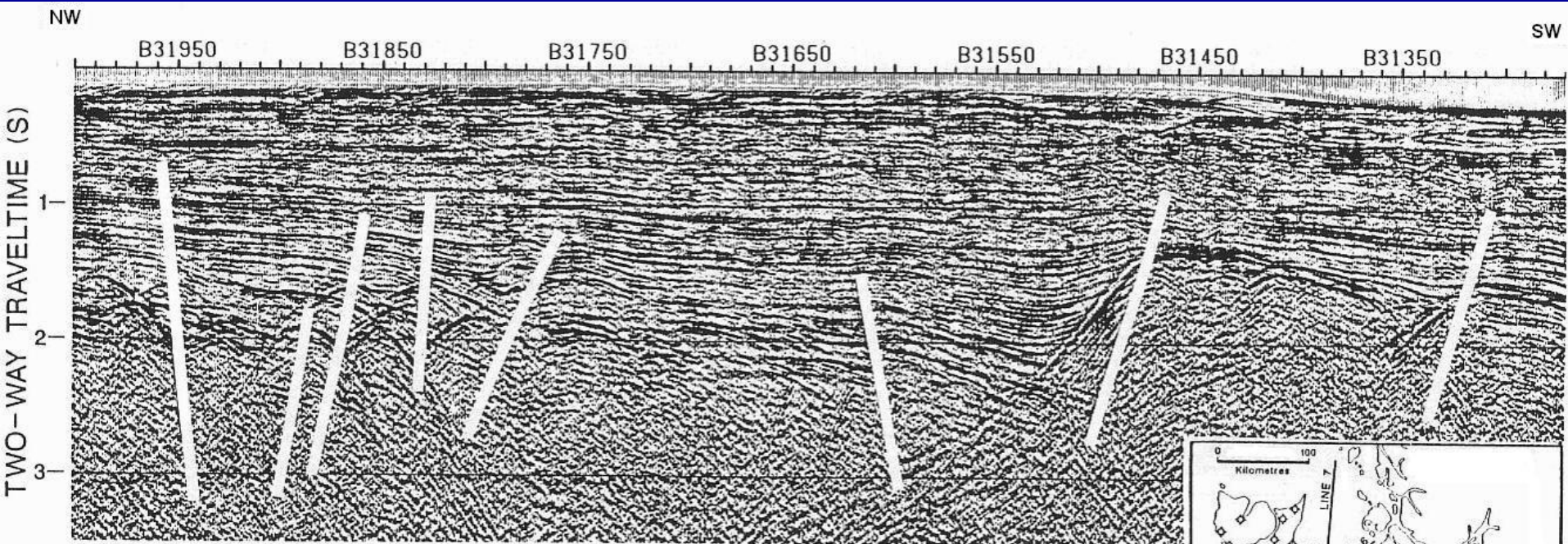
Airborne "birds" -- VLF (long) and aeromagnetic (stubby) -- are slung below a helicopter



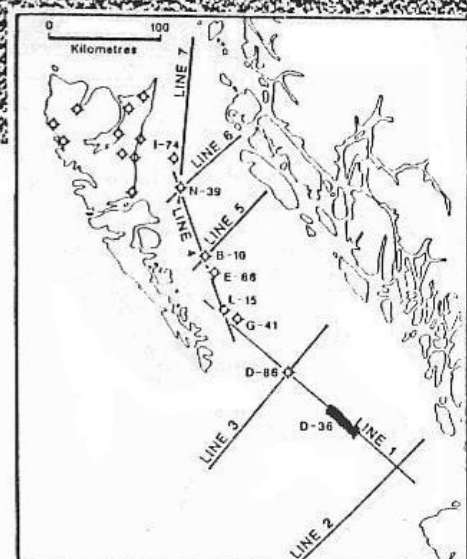




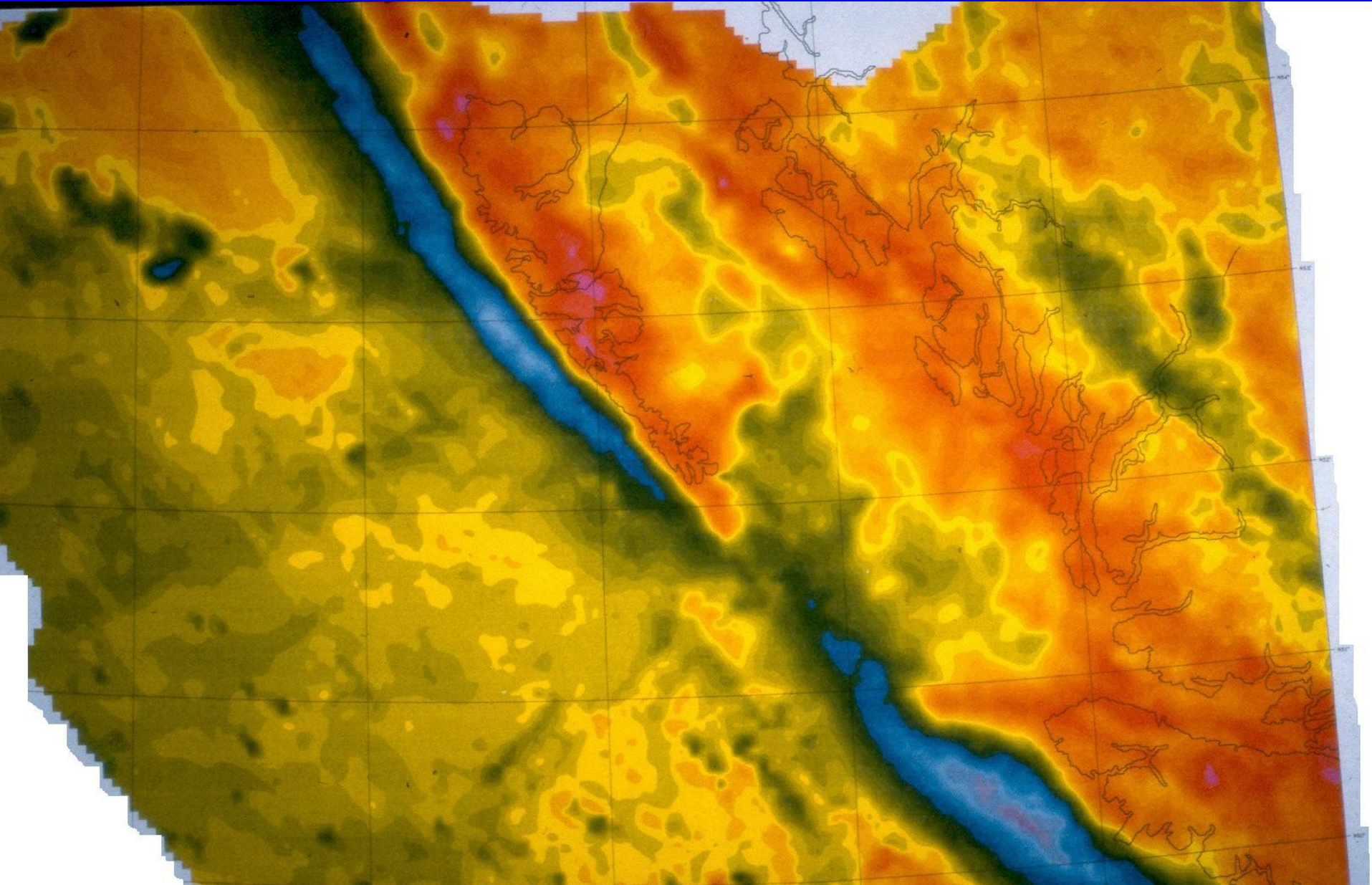
1988 Marine Seismic Data

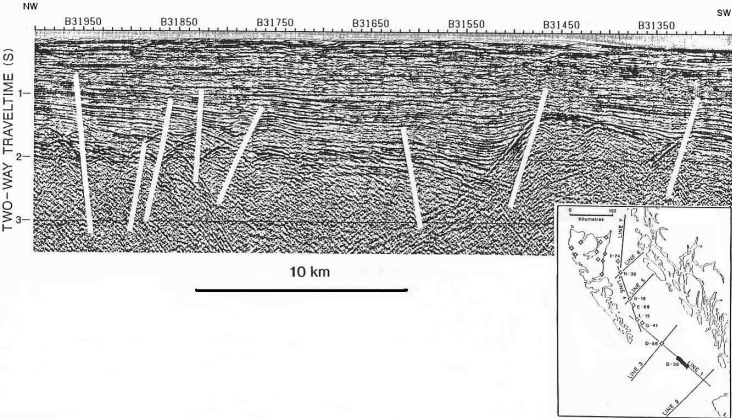


10 km



Enhanced Isostatic Gravity Map





**Interpret
geophysical
data in
terms of
subsurface
geology**



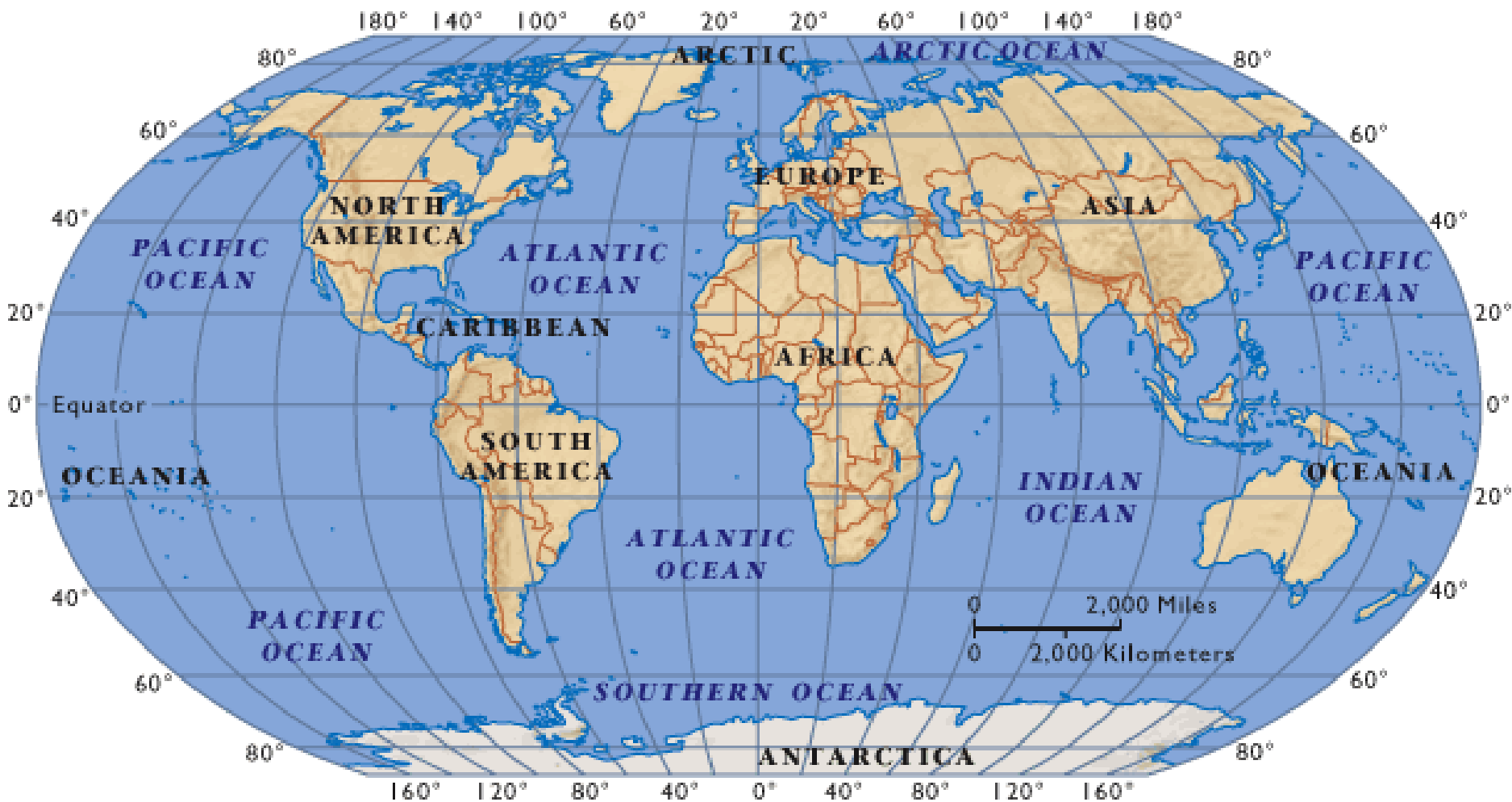
Canada in very favourable position: near huge U.S. market, politically and militarily safe

The World

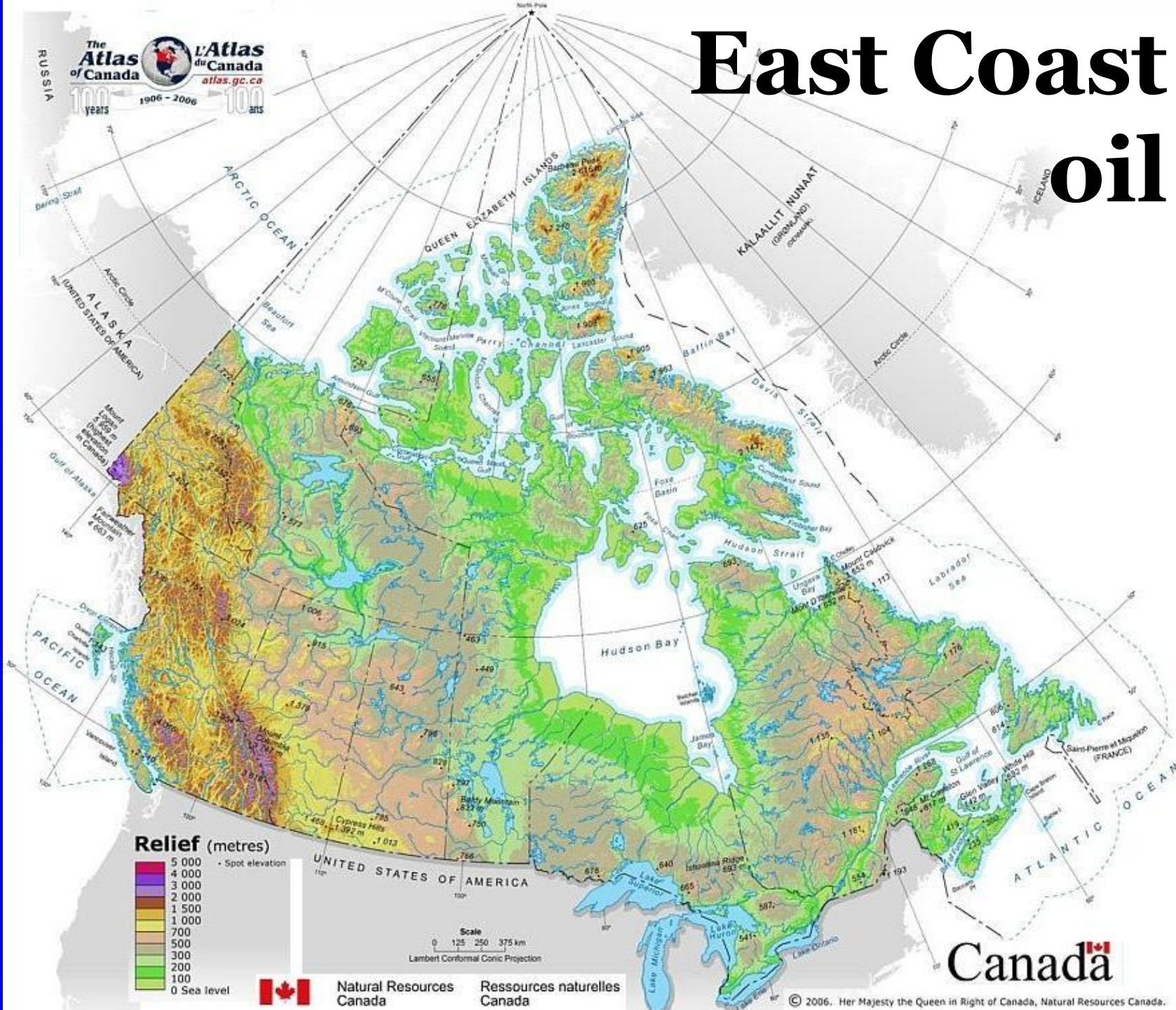


Petrodollars to Iran, Venezuela, Nigeria, Angola – or Canada ?

The World

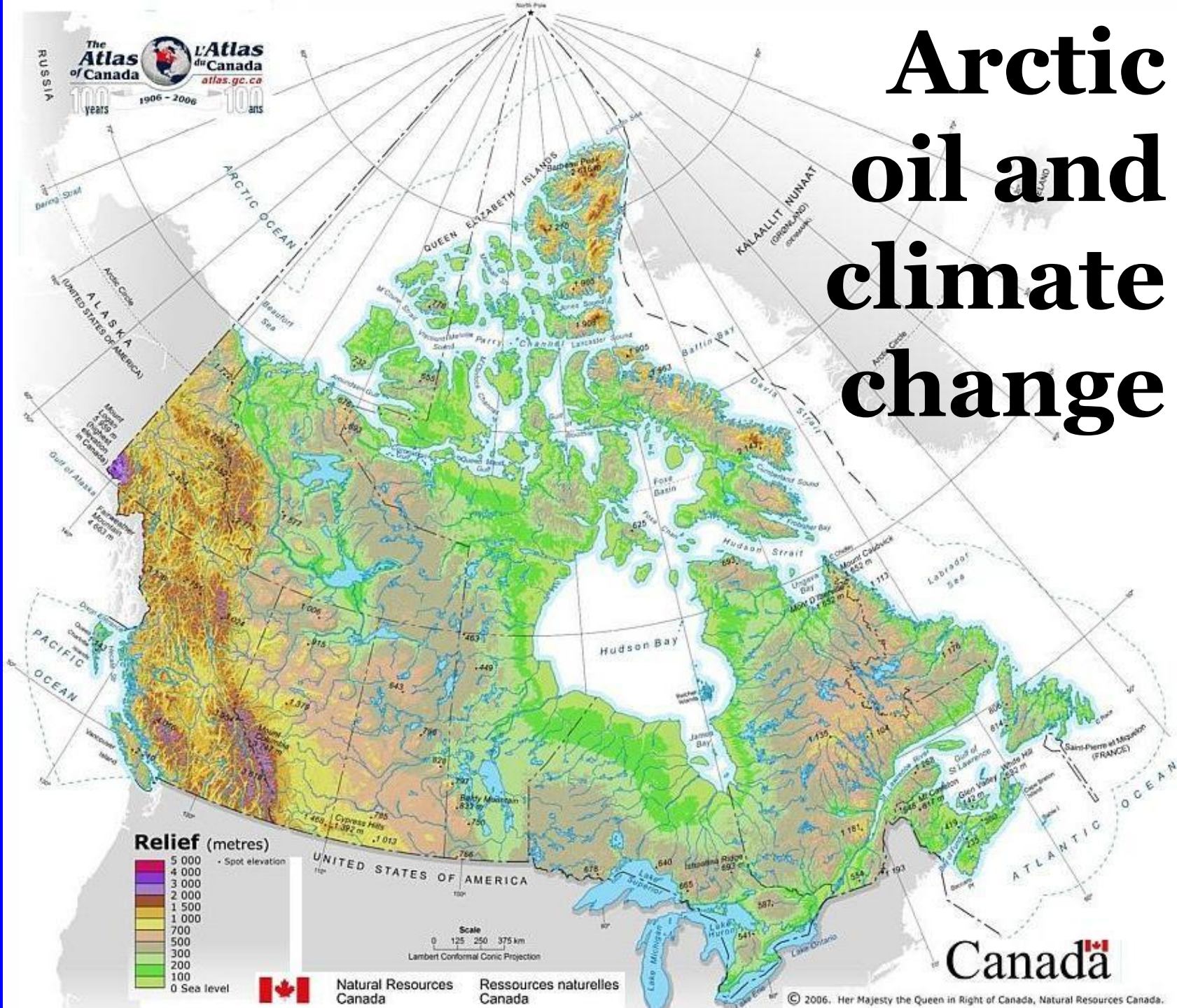


East Coast oil



**Do you want
Newfoundland
now or
Newfoundland 30
years ago ??**

Arctic oil and climate change



The Atlas of Canada
L'Atlas du Canada
atlas.gc.ca
100 years 1906 - 2006 100 ans

Scramble for the Arctic

Receding ice

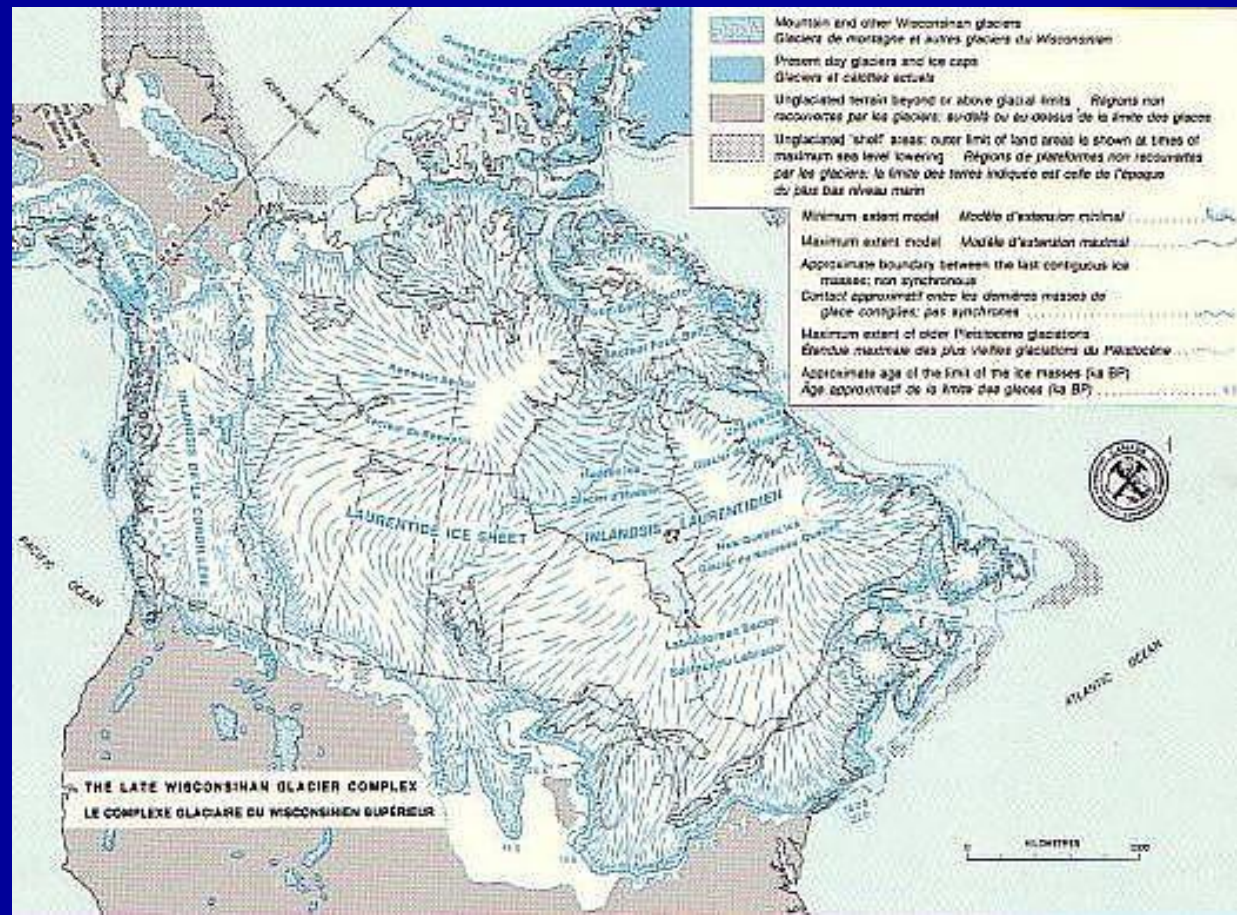


**...The worst of all peasants
are the so-called educated.
These people should not only
be prevented from learning
to read, but from learning to
talk as well. No need to
prevent them from thinking;
nature has done that.**

-- William S. Burroughs

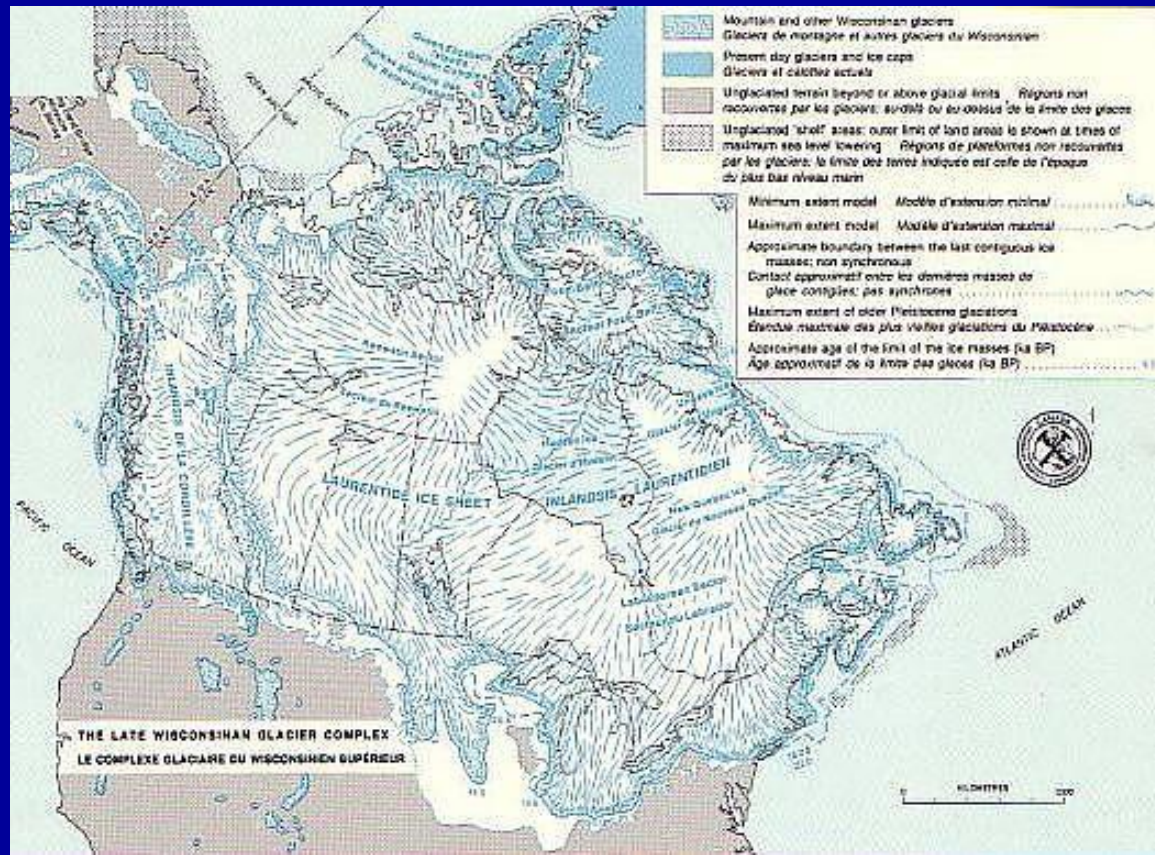
Earth has been warming for ~10,000 years

Probably
faster
now,
perhaps
partly (?)
man-
made



Old mantra: global cooling, science settled

Current
mantra:
global
warming,
science
settled



Either way:

Capitalism the cause!

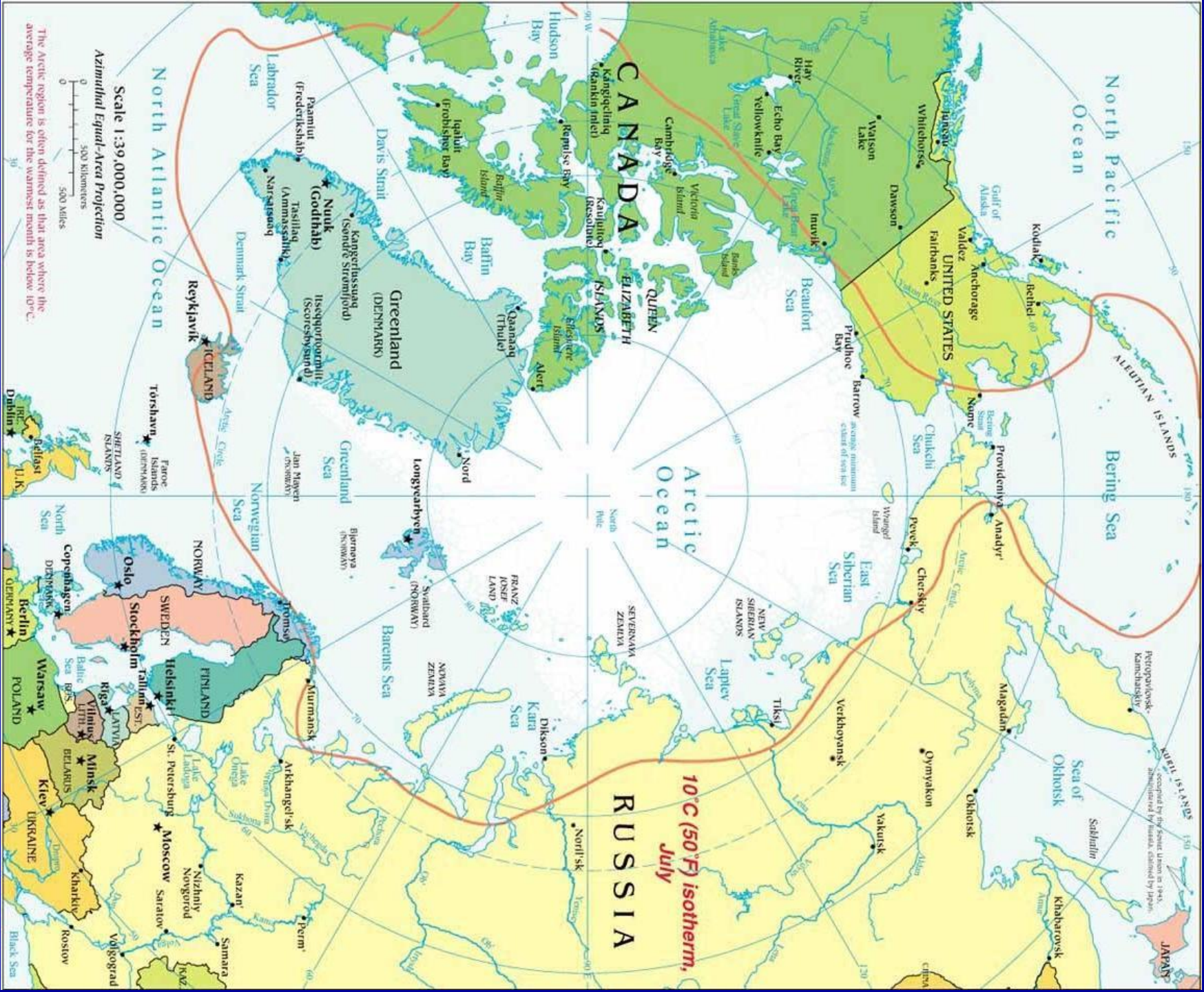
No time to lose!

Solutions:

- * Socialist and fascist economics!***
- * Radical government powers!***
- * More money for academics!***



**How secure is Canadian Arctic
sovereignty?**



10°C (50°F) isotherm, July

Scale 1:39,000,000
Azimuthal Equal-Area Projection

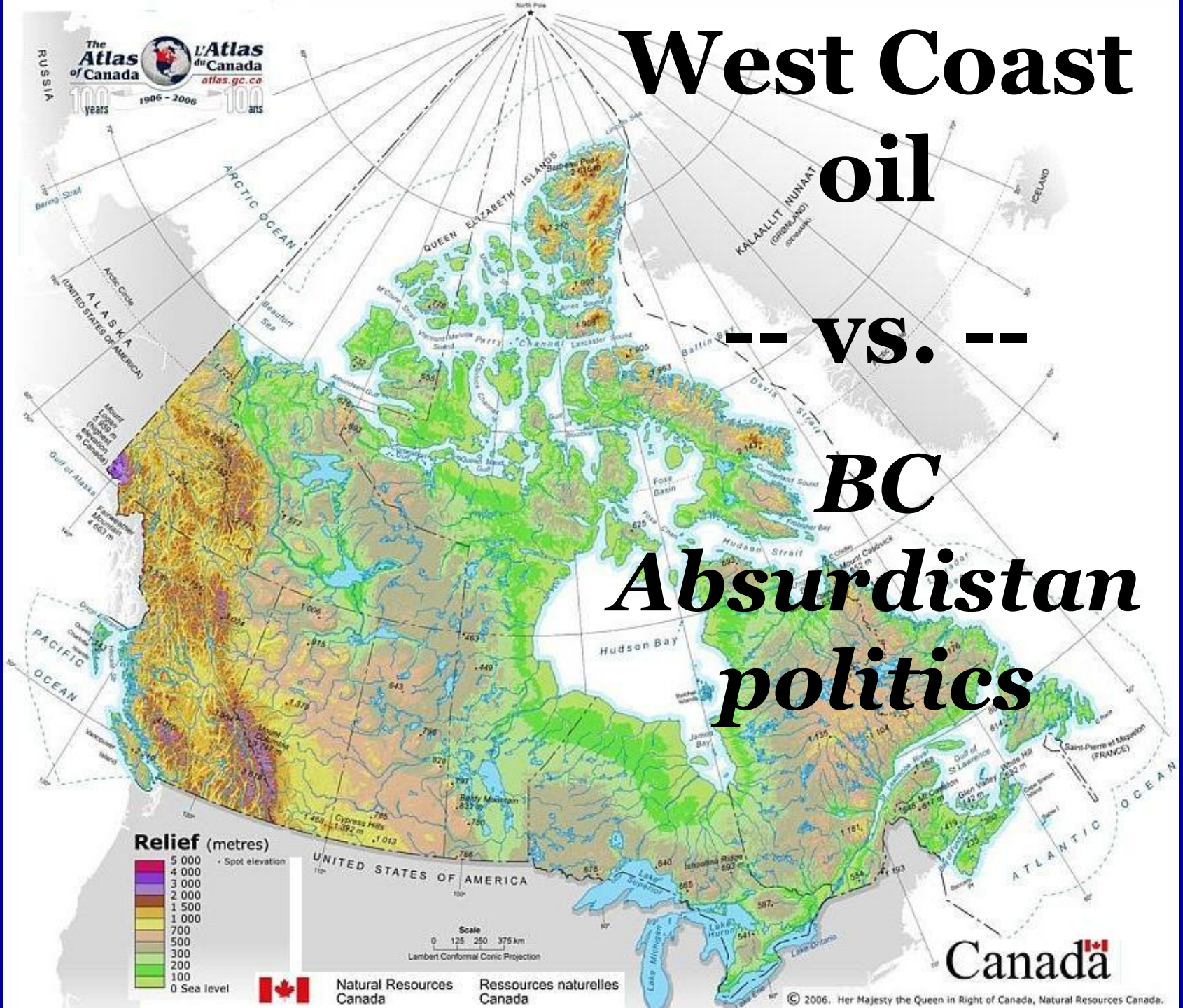
The Arctic region is often defined as that area where the average temperature for the warmest month is below 10°C.

Map compiled by the State Union in 1984, and published by the State Union in 1984.

West Coast oil

-- vs. --

BC Absurdistan politics



EN English (Canada) US
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ARTICLE

Frontier Next Door: Geology and Hydrocarbon Assessment of Sedimentary Basins Offshore Western Canada

Henry Lyatsky

Lyatsky Geoscience Research & Consulting Ltd. Calgary, Alberta, Canada

Introduction

A new, rich petroleum province is waiting to be explored. The sedimentary basins offshore western Canada are currently off limits to hydrocarbon exploration due to a continuing government moratorium. Yet, political developments at the provincial and federal levels give grounds for optimism that this moratorium may be lifted in the foreseeable future (Fogarassy, 2003; Cook, 2005). Lyatsky Geoscience has studied this region for almost 20 years, and this paper briefly summarizes and builds on our results reported in much greater detail elsewhere (Lyatsky and Haggart, 1993; Lyatsky, 1996, 2003).

Any conclusions about petroleum prospects are inevitably tentative in this underexplored frontier region. Without

Geologic Setting

The Queen Charlotte Basin lies on the inner continental shelf within the Insular Belt of the Canadian Cordillera (Figure 1), surrounded on almost all sides by land areas where rocks and structures correlative to those in the basin are exposed. The other sedimentary basins on the west coast of Canada lie on the outer continental shelf or even the continental slope.

Oil seeps (Figure 2) from rocks of all ages have been known on the Queen Charlotte Islands for decades. Two dozen exploration wells were drilled without success in the Queen Charlotte and Tofino basin areas, mostly in the 1950s and 1960s. Eight of them are in the Queen Charlotte Basin offshore: six in Hecate Strait, but only two in Queen Charlotte Sound. Six offshore wells tested the Tofino Basin (Sutherland

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British Columbia

43

5

97


Vancouver

99



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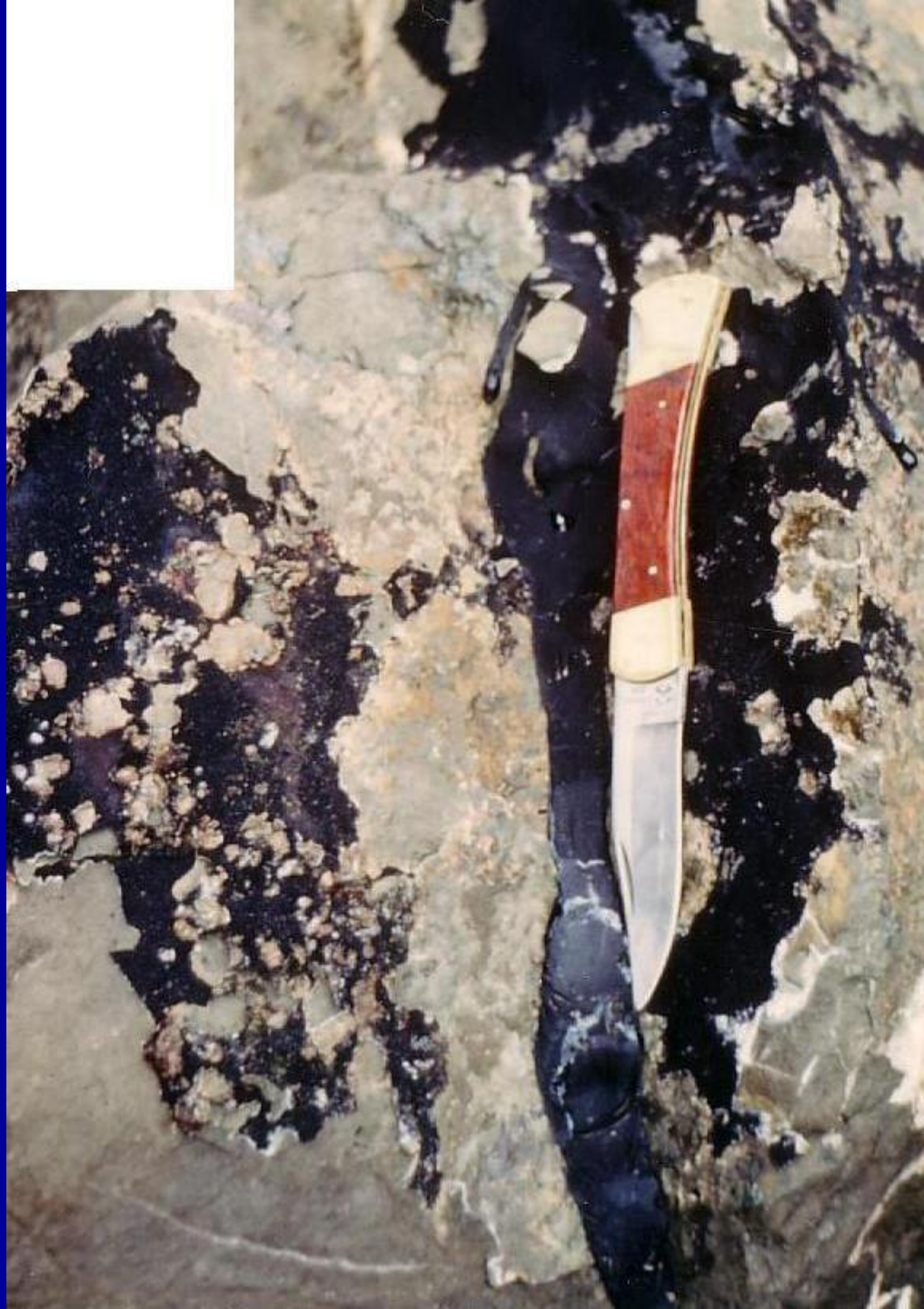
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Pointer 51°31'52.51" N 126°10'47.85" W elev 5550 ft Streaming 100%  Seattle Eye alt 521.69 mi

Oil Seep

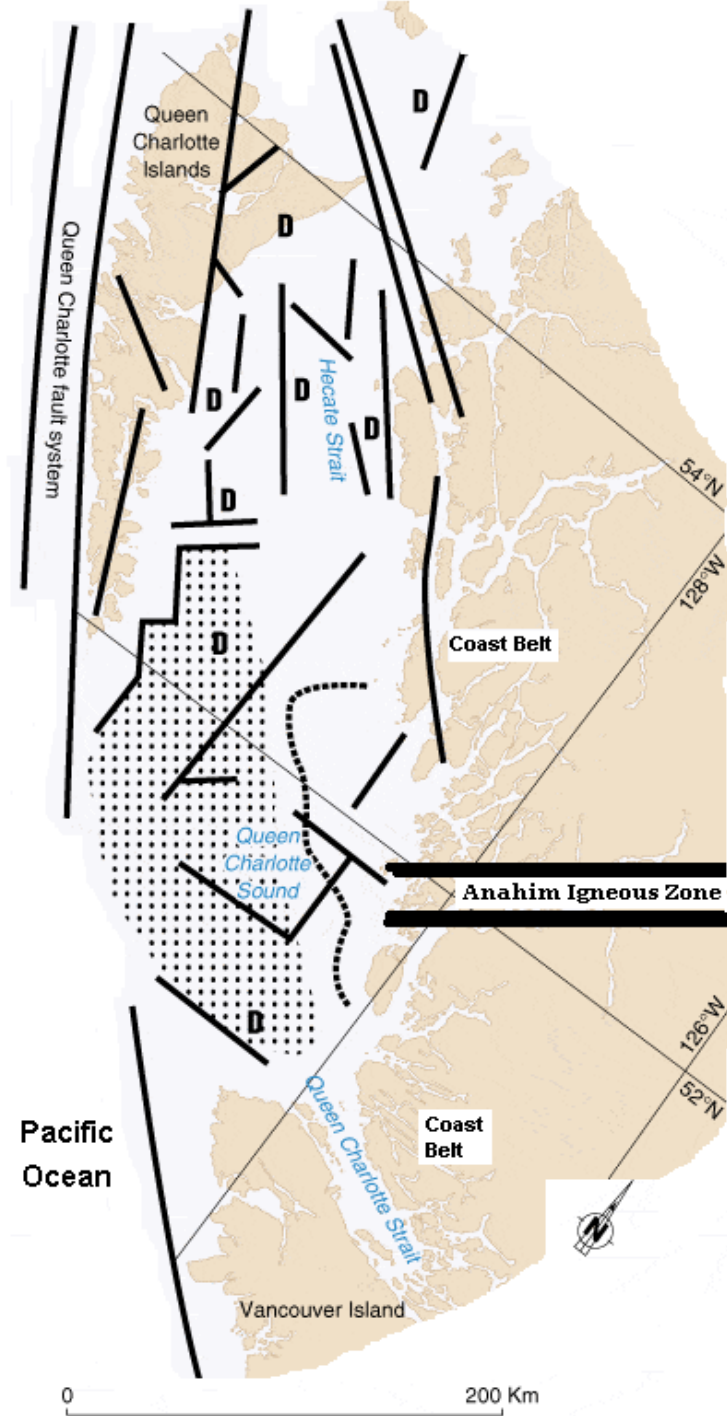
Lawn Hill Locality, QCI

Oil Seeps Very
Common
Onshore from
Rocks of All
Ages



Shallow water

No ice



Why BC Offshore Moratorium??



Silent Majority Key

Stop talking to ourselves

**Explain benefits of oil
production to Canadians**

