

Summary Report of the Highway Strategy

October 1999



Northwest
Territories

Transportation

Summary Report of the Highway Strategy

Department of Transportation
Government of the Northwest Territories

October 1999

Table of Contents

A. Introduction

B. Slave Geologic Province Transportation Corridor (Blue Pages)

- B.1 Consultations
- B.2 Studies Undertaken
- B.3 Executive Summary of the Need/Feasibility Study
- B.4 Executive Summary of the Environmental Scoping Study
- B.5 Executive Summary of the Mapping and Route Analysis Study
- B.6 Summary of the Cost Estimates Study

C. Inuvik Tuktoyaktuk Road (Green Pages)

- C.1 Consultations
- C.2 Studies Undertaken
- C.3 Executive Summary of the Environmental Scoping Study
- C.4 Summary of the Pre-Engineering Study
- C.5 Executive Summary of the Benefit Cost and Economic Impact Analysis
- C.6 Executive Summary of the Financing Study
- C.7 Executive Summary of the Land Issues Study

D. Mackenzie Valley Highway Extension (Pink Pages)

- D.1 Consultations
- D.2 Studies Undertaken
- D.3 Executive Summary of the Environmental Scoping Study
- D.4 Summary of the Engineering Update Study
- D.5 Executive Summary of the Benefit Cost and Economic Impact Analysis
- D.6 Executive Summary of the Financing Study

E. Highway 3 Accelerate Reconstruction Rae to Yellowknife (Yellow Pages)

- E.1 Introduction
- E.2 Report on the Pros and Cons of Accelerating Highway 3 Reconstruction

A. Introduction

This summary report presents a concise summary of the results for each of the studies undertaken as part of the Highway Strategy initiative.

The Department of Transportation received \$2 million in May of 1998 to undertake background planning work on four road projects, as part of the Highway Strategy initiative. The four projects included in this initiative are:

- Slave Geological Province Transportation Corridor;
- Mackenzie Valley Highway Extension;
- Inuvik-Tuktoyaktuk Road; and
- Acceleration of Highway 3 Reconstruction, Rae to Yellowknife.

These roads are also illustrated in the figure attached.

The funding allocated to this initiative was used to undertake economic, environmental, financing and pre-engineering studies for each of the four road projects.

Extensive consultations with all stakeholders have been undertaken under this initiative. These include stakeholder workshop, setting up Stakeholder Advisory Committees to provide advice and direction to studies, along with public consultations and one-on-one interviews with key stakeholders. The Department has presented the preliminary study results to the Stakeholder Advisory Committees. This initiative has been successful in both establishing a comprehensive database of information on new road construction in the Northwest Territories, and by involving all stakeholders in this process.

The purpose of this report is to summarize the results of the studies undertaken, and in so doing present a concise and comprehensive summary of the knowledge gained as part of the Highway Strategy initiative.

The four sections that follow present the results of the studies for each road project. Details of the consultations undertaken for each road are provided first, followed by a summary of each study undertaken.

It is noted that the Department of Transportation is preparing a second report which will outline the Department's vision for new roads and a plan of action to achieve the vision.

The results presented in this report will make an important contribution to the government's Economic Strategy which is currently being developed by the Economic Strategy Panel.

For additional information on the results presented in this report, contact the Transportation Planning Division at (867)873-7666.

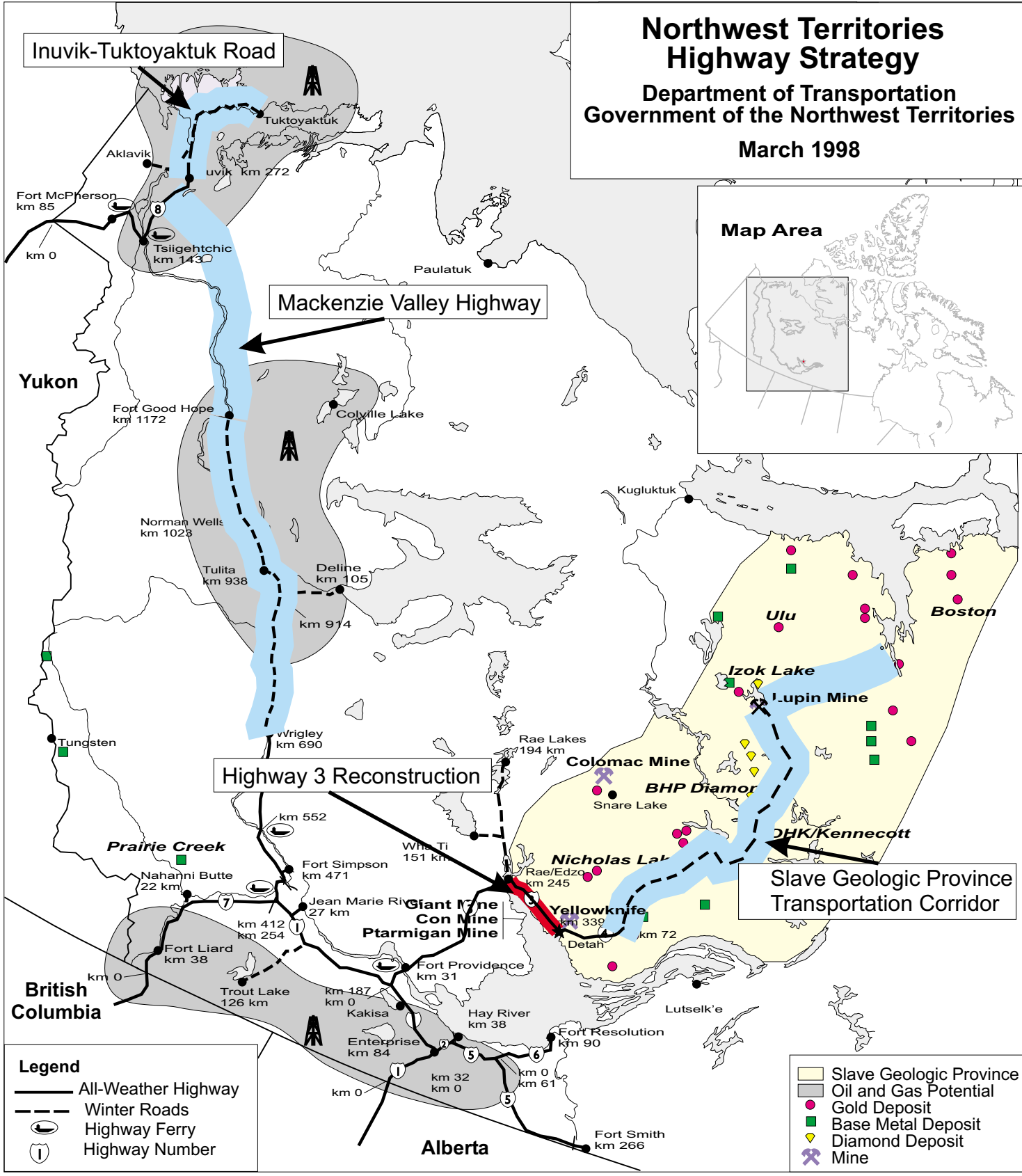
N.B. Since the release of this summary report, there has been a significant increase in oil and gas activities in the Sahtu and Mackenzie Delta. These developments were not anticipated in either the Benefit-Cost and Regional Economic Impact Analysis: Inuvik to Tuktoyaktuk Road (C.5) or the Benefit-Cost and Regional Economic Impact Analysis: Mackenzie Highway Extension (D.4). The reader is cautioned that the conclusions drawn in these reports do not reflect these new developments.

June 21, 2000

Northwest Territories Highway Strategy

Department of Transportation
Government of the Northwest Territories

March 1998



- Legend**
- All-Weather Highway
 - - - Winter Roads
 - Highway Ferry
 - Ⓜ Highway Number

- Slave Geologic Province
- Oil and Gas Potential
- Gold Deposit
- Base Metal Deposit
- ◆ Diamond Deposit
- ⚡ Mine