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CANADA-MANITOBA NORTHLANDS AGREEMENT

1976-81

PROGRESS REPORT, 1978/79

Canada

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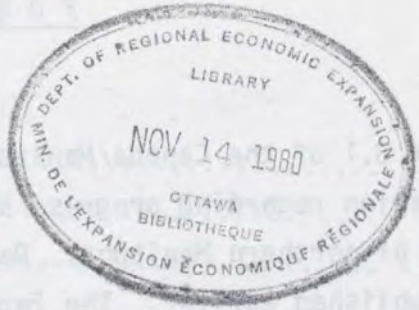
SECTOR	PROGRAM	PROJECT	ACTIVITY
<p>A. RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT</p>	<p>COMMUNITY ECONOMIC PLANNING AND SUPPORT</p>	<p>COMMUNITY ECONOMIC FEASIBILITY AND SUPPORT SERVICES</p>	<p>COMMUNITY RESOURCE PLANNING AND FEASIBILITY ANALYSIS COMMUNITY WILDLIFE MANAGEMENT BUSINESS MANAGEMENT ADVISORY SERVICES</p>
	<p>REGIONAL RESOURCE DEVELOPMENT PLANNING</p>	<p>REGIONAL RESOURCE INVESTIGATION AND DEVELOPMENT</p>	<p>SURVEYS MAPPING</p>
<p>B. HUMAN DEVELOPMENT AND COMMUNITY SERVICES</p>	<p>INFORMATION AND EXTENSION</p>	<p>EXTENSION SERVICES</p>	<p>LOCAL GOVERNMENT AND COMMUNITY SERVICES YOUTH TRAVEL 4-H NORTH CULTURE AND RECREATION SERVICES</p>
	<p>NORTHERN MANITOBA HUMAN DEVELOPMENT SERVICES</p>	<p>NORTHERN DEVELOPMENT CORPS</p>	<p>EMPLOYMENT SERVICES PROGRAM SUPPORT SERVICES/ECONOMIC DEV. SERVICES FORESTRY COUNTERPART TRAINING</p>
		<p>NORTHERN CORPORATE AND COMMUNITY BASED ENTERPRISES</p>	<p>CHANNEL AREA LOGGERS MOOSE LAKE LOGGERS</p>
	<p>MANPOWER DEVELOPMENT SERVICES</p>	<p>ADULT PROFESSIONAL DEVELOPMENT</p>	<p>NEW CAREERS BRANDON UNIVERSITY NORTHERN TEACHER EDUCATION PROGRAM SPECIAL MATURE STUDENTS' PROGRAM</p>
		<p>OUTREACH</p>	
		<p>LOCAL EMPLOYMENT ASSISTANCE PROGRAM</p>	
	<p>INDIAN PROFESSIONAL DEVELOPMENT</p>	<p>SUPPORT TO REGULAR UNIVERSITY TRAINING SUPPORT TO BUNTEP - FACILITIES SUPPORT TO IMPACTE SUPPORT TO CORE SUPPORT TO PENT SUPPORT TO COMMUNITY COLLEGE TRAINING SUPPORT TO BAND STAFF TRAINING SUPPORT TO COMMUNITY EDUCATORS' PROGRAM SUPPORT TO COMMUNITY COUNSELLOR TRAINING</p>	
	<p>INDIAN TRAINING FOR EMPLOYMENT SKILLS</p>	<p>SUPPORT TO SUMMER STUDENT EMPLOYMENT SUPPORT TO EMPLOYMENT PLACEMENT SUPPORT TO TRAINING ON THE JOB SUPPORT TO RELOCATION PROGRAMS</p>	
<p>NORTHERN COMMUNITY SERVICES</p>	<p>COMMUNITY INFRASTRUCTURE SUPPORT SERVICES</p>	<p>NORTHERN COMMUNITY PLANNING GEOTECHNICAL LAND USE STUDIES</p>	

	NORTHERN COMMUNITY SERVICES	COMMUNITY INFRASTRUCTURE SUPPORT SERVICES	NORTHERN COMMUNITY PLANNING GEOTECHNICAL LAND USE STUDIES
		COMMUNITY INFRASTRUCTURE SERVICES	SAFE WATER SUPPLY COMMUNITY ROADS FIRE PROTECTION/PREVENTION
	INDIAN RESERVE COMMUNITY SERVICES	COMMUNITY INFRASTRUCTURE SUPPORT SERVICES	COMMUNITY PLANNING COMMUNITY BASE MAPPING GEOTECHNICAL LAND USE STUDIES
		COMMUNITY INFRASTRUCTURE SUPPORT SERVICES	ENGINEERING ARCHITECTURAL DESIGN
		COMMUNITY INFRASTRUCTURE SERVICES/SAFE WATER SUPPLIES	
		COMMUNITY INFRASTRUCTURE SERVICES/WASTE DISPOSAL FACILITIES	
		COMMUNITY INFRASTRUCTURE SERVICES/FIRE PREVENTION /PROTECTION	
		COMMUNITY INFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION	
		COMMUNITY INFRASTRUCTURE SERVICES/MULTIPURPOSE FACILITIES	

C. TRANSPORTATION AND COMMUNICATION	SURFACE TRANSPORTATION	THOMPSON-SPLIT LAKE	
		EASTERVILLE ROAD	
		JENPEG-CROSS LAKE-NORWAY HOUSE	
		PRE-ENGINEERING AND DESIGN	
		MOOSE LAKE ROAD	
		PR 391 WABOWDEN-SOAB LAKE	
	REMOTE AIRSTRIP IMPROVEMENT	AIRSTRIP DEVELOPMENT AND UPGRADING	BERENS RIVER BLOODVEIN GARDEN HILL LITTLE GRAND RAPIDS RED SUCKER LAKE SOUTH INDIAN LAKE YORK LANDING LAC BROCHET

D. CO-ORDINATION AND PILOT ACTION RESEARCH	CO-ORDINATION AND ADMINISTRATION	CO-ORDINATION AND ADMINISTRATION	AGREEMENT FINANCIAL ADMINISTRATION AGREEMENT CO-ORDINATION
	PILOT ACTION RESEARCH	PILOT ACTION RESEARCH	WASTE MANAGEMENT DEMONSTRATION M.H.R.C. APPLIED RESEARCH WOOD GASIFICATION LOG BUNDLING AND BOOMING SPECIAL INVESTIGATION P.R. 391 NORTHERN AGRICULTURE DEMONSTRATION

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CANADA/MANITOBA NORTHLANDS AGREEMENT, 1976-81,
PROGRESS REPORT, 1978/79

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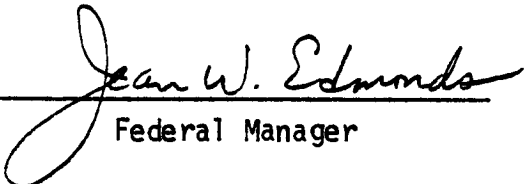
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FOREWORD


Section 8.1 of the Canada/Manitoba Northlands Agreement states that information regarding progress shall be made available regularly to the people of northern Manitoba. Reports for the years 1976/77 and 1977/78 were published earlier. The Federal and Provincial Managers of the Canada/Manitoba Northlands Agreement respectfully present the following Progress Report for 1978/79.

This report, recording progress achieved during the third year of the Agreement, begins with a discussion of the Canada/Manitoba Northlands Agreement under five headings: Background, Purpose and Objectives, Structure, Management and Financing. This section is followed by the main body of the report which parallels the format of the Agreement; that is, Northlands programming is divided into sectors, programs, projects and activities. An overview of financial flow for the first three years of the Agreement is found in Appendix A. Financial information is identified for sectors, programs and projects. Information on expenditures for 1978/79 at the activity level is provided in the activity progress statements. A listing of Federal and Provincial implementing departments is found in Appendix B.

The Managers and Secretaries responsible for the management of the Agreement wish to acknowledge the contributions of those members of the Federal and Provincial departments who submitted, compiled and edited the information presented in this publication.


Federal Manager


Provincial Manager


Federal Secretary


Provincial Secretary

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THE CANADA/MANITOBA NORTHLANDS AGREEMENT

BACKGROUND

In June of 1974 the governments of Canada and Manitoba signed a General Development Agreement (GDA) providing for the joint development of specific agreements which would ensure the implementation of social and economic programs intended to improve the circumstance of Manitobans. With the recognition that the problems of the north require special action, a major component of the strategy described in the GDA dealt with the development of Manitoba's northlands.

While a long term Northlands Agreement was being developed, the two governments entered into an Interim Northlands Agreement (April 1, 1974 to March 31, 1976) to facilitate immediate action in areas of obvious priority. Signatories of the Interim Agreement were the Department of Regional Economic Expansion (DREE) and Transport Canada on behalf of the Government of Canada, and the Manitoba Department of Northern Affairs on behalf of the Government of Manitoba.

On September 15, 1976 at Norway House, Manitoba, the federal and provincial governments signed a five-year Canada/Manitoba Northlands Agreement which included two additional federal departments -- the Department of Manpower and Immigration and the Department of Indian Affairs and Northern Development. To provide for continuity of projects initiated under the Interim Agreement, the long-term Agreement was made retroactive to April 1, 1976 and will continue for an initial five-year period ending March 31, 1981. This represents the first phase of a longer term development strategy which is anticipated to be of 15 years duration.

PURPOSE AND OBJECTIVES

The Northlands Agreement is a commitment on the part of the governments of Canada and Manitoba to a comprehensive program directed towards socio-economic development, increased opportunities for employment and

an improved standard of living for northerners. It is intended to help residents of the remote north bridge the gap between their current circumstances and the real opportunities available both within their own communities and in the industrial urbanized centres of northern Manitoba.

Programming under the Agreement is designed to pursue the following objectives:

- a) *to enable the people of the area to contribute to and participate in the development of northern Manitoba;*
- b) *to enable those people of the area who wish to do so, to continue their own way of life with enhanced pride and purpose; and*
- c) *to encourage the orderly utilization of the natural resources of northern Manitoba in harmony with resource conservation and for the benefit of the inhabitants, the province and the region.*

STRUCTURE

The Northlands Agreement is structured to encompass a wide variety of development initiatives under four broad sectors:

- SECTOR A: Resources and Community Economic Development
- SECTOR B: Human Development and Community Services
- SECTOR C: Transportation and Communication
- SECTOR D: Co-ordination and Pilot Action Research

Each sector is further divided into programs, projects and activities as shown in Figure 1. (Fold-out)

MANAGEMENT

Coordination and management of the Agreement is the responsibility of both federal and provincial governments through their appointed representatives, the Joint Managers. The Department of Regional Economic Expansion (DREE) coordinates federal programming through the federal Joint Manager, while the Department of Northern Affairs coordinates the programs of twelve provincial departments through the provincial Joint Manager. Actual delivery of programming is the responsibility of the implementing departments noted in Appendix B of this report.

FINANCING

The Agreement provides a five-year framework for the total commitment of \$138.7 million. Financing under the Agreement is designed to focus on resources and community economic development, human development and community services, and transportation and communication.

Of the total \$138,749,000, the federal government's share of \$96,009,000 is contributed by the Department of Regional Economic Expansion, the Department of Indian Affairs and Northern Development, the Canada Employment and Immigration Commission, and Transport Canada. The provincial government's share of the total is \$42,740,000.

Table 1 shows the distribution of dollars over the five-year period for the four main sectors of the Agreement. (Page 4)

Figure 2 depicts the relative share committed to each of the four main sectors. (Page 5)

Appendix A displays an overview of the financial flows by sector, program, and project for the first three years of the Agreement. (Page 165)

TABLE I

CANADA/MANITOBA NORTHLANDS AGREEMENT

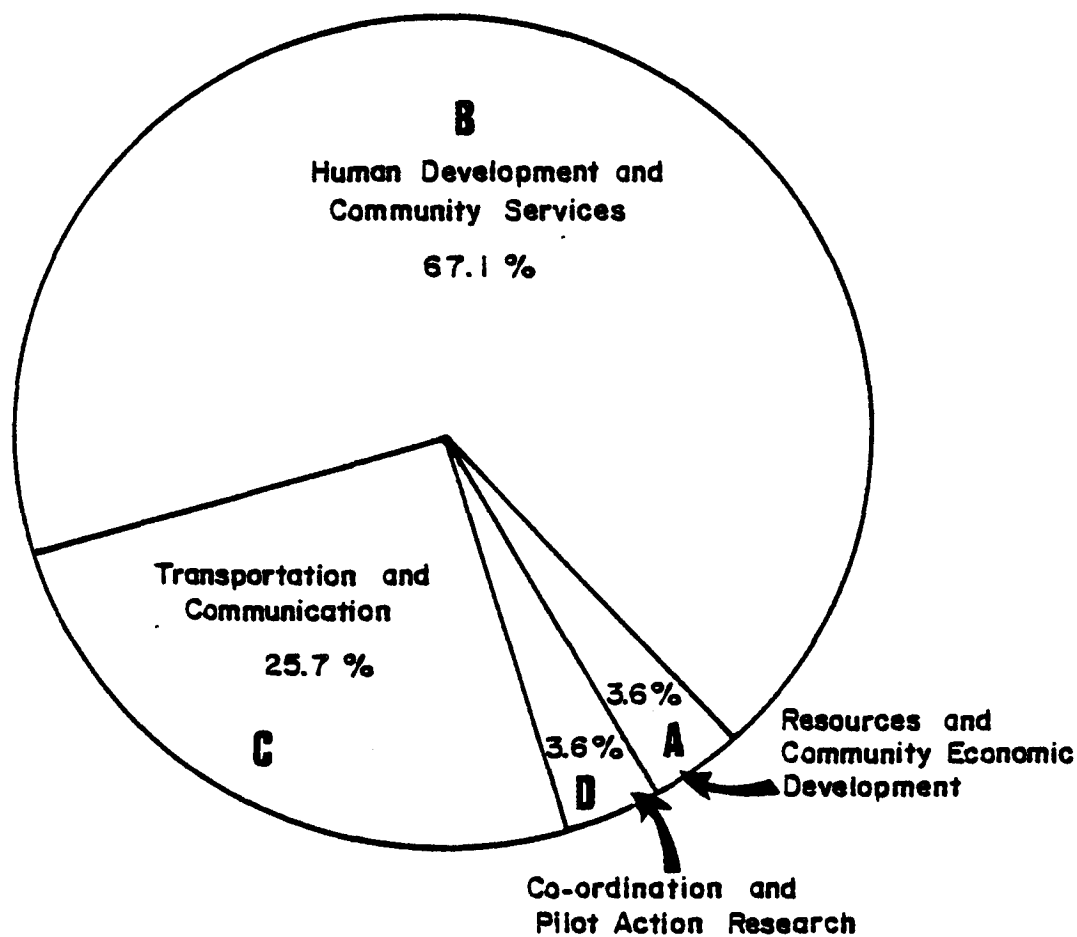
Summary of Allocations 1976-1981

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SECTOR	FEDERAL AGENCIES				TOTAL FEDERAL SHARE	TOTAL PROVINCIAL SHARE	FIVE-YEAR TOTAL
	Canada Employ- ment & Immig- ration Comm- ission	Transport Canada	Dept. of Indian Affairs and Northern Development	Dept. of Regional Economic Expansion			
Resources & Community Economic Development				\$ 3,000.0	\$ 3,000.0	\$ 2,000.0	\$ 5,000.0
Human Development and Community Services	\$ 5,516.0		\$14,993.0	48,100.0	68,609.0	24,473.0	93,082.0
Transportation & Communication		\$ 7,500.0		13,900.0	21,400.0	14,267.0	35,667.0
Co-ordination and Pilot Action Research				3,000.0	3,000.0	2,000.0	5,000.0
TOTAL	\$ 5,516.0	\$ 7,500.0	\$14,993.0	\$68,000.0	\$96,009.0	\$42,740.0	\$138,749.0

Figure 2

Distribution of Financial Commitments among Sectors of the Canada/Manitoba Northlands Agreement 1976-81.



Total Committed Funds 1976-81 are \$138,749,000

S E C T O R A

RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

SECTOR A

RESOURCES AND COMMUNITY ECONOMIC DEVELOPMENT

The objective of this sector, as stated in the Agreement, is:

to provide the resources necessary for the assessment, planning, development and support of resource-based and other opportunities for a community economic development approach, emphasizing local participation, which is designed to provide long-term employment and increased well-being in communities on the basis of converging basic human needs with productive activity arising from the resources of the region;

Sector A encompasses two programs which are cost-shared between DREE (60%) and the Province of Manitoba (40%). These are Community Economic Planning and Support and Regional Resource Development Planning.

PROGRAM 1 COMMUNITY ECONOMIC PLANNING AND SUPPORT

This program provides assistance needed in the initiation of planning, research and experimentation required by communities, groups, or associations, to formulate projects and activities that will encourage economic development in remote northern Manitoba communities. In 1978/79, one project, Community Economic Feasibility and Support Services, was implemented.

Project 1 Community Economic Feasibility and Support Services

This project provides for technical and planning services, management advisory services, market and feasibility studies, applied experimentation, data collection and resource analysis. It is the intention of this project to provide activities which are related to practical development at the community level.

Activity 1 Community Resource Planning and Feasibility Analysis

This activity was designed to undertake data and information gathering, land use planning, feasibility studies, and pilot projects relating to known and/or potential resource development opportunities in northern communities. Two sub-activities were cost-shared under this project in 1978/79.- Comprehensive Land Use Planning and Wild Rice Development -

- a) Comprehensive Land Use Planning - This sub-activity was directed towards the provision of an organized and systematic approach to the development of Crown land, its allocation, and integration of uses in order to optimize benefits to residents of remote northern communities.

Seven staff from the Department of Northern Affairs, Renewable Resources, and Transportation Services, with expenditures of \$102,268 were cost-shared 60/40 between DREE and Manitoba.

During 1978/79 emphasis was placed on development of community specific projects which inventoried resources and identified potential resource development opportunities. The following was achieved:

- i) A resource analysis for the Gods Lake communities was completed.
- ii) Mid North Information Report, detailing resource availability and present use was published. Information in this report is applicable to many remote and isolated northern communities.

- iii) Grand Rapids Basic Planning Statement - Crown land and resource use sections of this completed report were contributed by the Comprehensive Land Use Planning Group.
 - iv) A Northern Bibliography which identifies documents relevant to resource management in northern Manitoba was completed.
 - v) A recreational canoeing study on the east side of Lake Winnipeg, Winnipeg River North (in the vicinity of Hole River, Manigotogan and Bissett) was completed.
 - vi) Contributions were made to the Development Plan for Thompson and the L.G.D. of Mystery Lake in the areas of crown land and resource use. Final reports however are not yet completed.
 - vii) No further action was taken on the remote cottage availability study commenced in 1977/78.
 - viii) Construction of pickerel rearing ponds has been completed. A monitoring phase which would evaluate survival rates of the fish will take place in 1980/81.
- b) Wild Rice Development - This sub-activity is designed to maximize the economic benefits derived from the production of wild rice by assisting communities in all aspects of development. Advisory assistance is provided in the areas of identification of sites with development capabilities, water supply and drainage, weed control and harvesting methods.

Two staff man years from the Department of Northern Affairs, Renewable Resources and Transportation Services and expenditures of \$126,557 were shared 60/40 between DREE and Manitoba.

During 1978/79 development work was undertaken in the following areas:

- i) Hollow Water - In order to improve the capability of Shallow Lake to produce wild rice, rapids were removed from the Rice River.
- ii) Little Grand Rapids - Abandoned beaver dams were removed from the outlet channel of lake #8 to increase the flushing rate. Approximately 50 pounds of rice was seeded to increase production for the 1979/80 season. Water control was also carried out on several other lakes in this area.
- iii) Berens River - Get Rice Lake and Saucer Lake were test seeded. Abandoned beaver dams were opened on Get Rice Lake to increase the flushing rate of the lake.

Local community representatives from Little Grand Rapids, Berens River, Paungassi and Hollow Water, employed on a casual basis as local development officers, were involved in many aspects of the wild rice production.

Training of mechanical picker operators was also undertaken to ensure the safe operation of equipment as well as the ability to harvest the minimum crop damage.

Activity 2 Community Wildlife Management

It is the general intention of this activity to explore possibilities of effective utilization of local wildlife resources in northern Manitoba. Identification and development of both consumptive and non-consumptive uses of the wildlife is undertaken in consultation with the local people.

These general objectives were achieved through the implementation by the Department of Northern Affairs, Renewable Resources and Transportation Services of five major components with the following objectives and progress.

- a) To assess the means of developing and implementing a co-ordinated management plan for barren-ground caribou
 - i) Community meetings were held with residents of Brochet, Lac Brochet and Tadoule Lake to exchange ideas relative to the development of a management plan.
 - ii) An interjurisdictional Caribou User/Agency meeting with representation from the Northwest Territories, Saskatchewan, Province of Manitoba and the northern communities of Brochet, Lac Brochet, Tadoule Lake was held to exchange information on the caribou resource.
 - iii) A study was initiated to determine the availability of winter range and the extent to which winter ranges have been destroyed by fire. This habitat mapping program will continue in 1979/80.
 - iv) Caribou surveys were undertaken, which determined that a limited number of animals came into the province during the winter of 1978/79.

- b) To develop the woodland caribou resource of Cape Churchill:
- i) Monitoring of the woodland caribou herd continued in order to gather more extensive data to adequately assess the management requirements of the herd.
 - ii) A preliminary analyses of existing data was completed.
- c) To encourage maximum use of the polar bear resource in the Churchill area:
- i) A tagging program was implemented to monitor the movements of problem bears. Biological data was also collected. An analyses of data collected over the previous 10 years of tagging was started.
 - ii) A public education and information program continued to provide local residents with information on the local bear population.
 - iii) Data obtained through the tagging program was submitted to a national data bank for management of the world population of polar bears.
- d) To co-ordinate the development of wildlife management plans for northern areas:
- i) A preliminary draft of the Wildlife Management Plan for the Cape Churchill Wildlife Management area was completed.
- e) To develop a functional center for resource development and provide extension services:
- i) Public education through slides, posters and displays on topics of resource development and wildlife management continued.

- ii) Community workers from Tadoule Lake and Lac Brochet acted as liaison between these communities and the Department of Resources on all aspects of wildlife programming. These representatives also acted as interpreters and assisted in the collection of biological data.
- iii) Co-ordination and co-operation of both provincial and federal government agencies which deliver programs respecting wildlife management in the north continued.
- iv) Information and assistance was provided to visiting scientists, tourists, other government agencies (both federal and provincial), organizations involved in the utilization of renewable resources in other areas of Manitoba, other provinces, territories or countries.

Four staff from the Department of Northern Affairs, Renewable Resources and Transportation Services were responsible for delivery. The Community Wildlife Management activity incurred expenditures of \$148,392 which were cost-shared on a 60/40 basis between DREE and Manitoba.

Activity 3 Business Management Advisory Services

This activity is intended to increase the general level of business management capability of existing and potential clients of the Communities Economic Development Fund. By providing financial assistance, counselling and management advice to small business enterprises in remote and isolated communities, it is anticipated that the potential of success for businesses will increase. In addition, basic accounting training was provided to C.E.D.F. staff.

Communities Economic Development Fund (CEDF) utilized a pro-rated portion of six-staff man years in the delivery of this program. Expenses for the 1978/79 fiscal year of \$84,600 were cost-shared 60/40 between DREE and Manitoba. Table A. 1 outlines the services provided to clients during the 1978/79 fiscal year.

BUSINESS MANAGEMENT ADVISORY SERVICES 1978/79

COMMUNITY	CLIENT	GENERAL MANAGEMENT ASSISTANCE	FINANCIAL STATEMENT PREPARATION	OTHER FINANCIAL EVALUATION	OTHER SERVICES AND ASSISTANCE
Anama Bay	store	X	X		
Berens River	4 machine operators		X		negotiating on equipment
Brochet	pool hall		X		
Camperville	general store	X		X	
Churchill	garage	X	X		
	vending machines	X	X		
	research center	X		X	Board memberships and negotiation assistance
Cross Lake	timber operation	X		X	Consultation with Board of Directors
Duck Bay	timber operation	X		X	
Easterville	snack bar	X	X		
Gillam	tourist camp	X	X		Market identification
Grand Rapids	tourist lodge	X			
Ilford	construction company	X		X	
Island Lake	dray company	X	X		
	trucking		X		
Manigotogan	timber operation		X	X	Consultation with Board of Directors
	machine operator		X		
Norway House	restaurant	X	X		
Oxford House	construction company	X	X		
Settling Lake	tourist lodge	X			
South Indian Lake	general store	X			Consultation with Board of Directors.
The Pas	trailer court				Negotiation and mediator with court, Band and government
Thicket Portage	general store	X	X		
Thompson	native handicrafts	X	X		Market identification

PROGRAM 2 REGIONAL RESOURCE DEVELOPMENT PLANNING

This program provides financial assistance required in the identification, specification and assessment of major resource development projects.

Project 1 Regional Resource Investigation and Development

It is the intention of this project to ensure that a system of surveys and map control necessary for identification, field data gathering, planning, implementation and management of natural resources is in place. This project consists of one activity.

Activity Surveys and Mapping

The surveys component of this activity is designed to establish horizontal and vertical geodetic survey controls required to support the 1:20,000 mapping program. The specific objective of the 1978/79 surveys program was to establish vertical data in twenty-four communities. During 1978/79 the Department of Northern Affairs, Renewable Resources and Transportation Services utilized the services of a summer student to control surveys. Expenditures of \$255,629 were shared 60/40 between DREE and Manitoba, of this \$78,146 related to surveys.

The altimetry method, which is used to establish vertical data consists of measuring the difference in air pressure with altimeters at the identifiable points. Survey data generated by this program is a requisite for mapping northern areas. Altimetry was completed in the area identified on Figure A.1.

The mapping component of this activity is intended to produce maps at a scale of 1:20,000 which will be of assistance to northern communities for community planning and regional development.

Hudson Bay

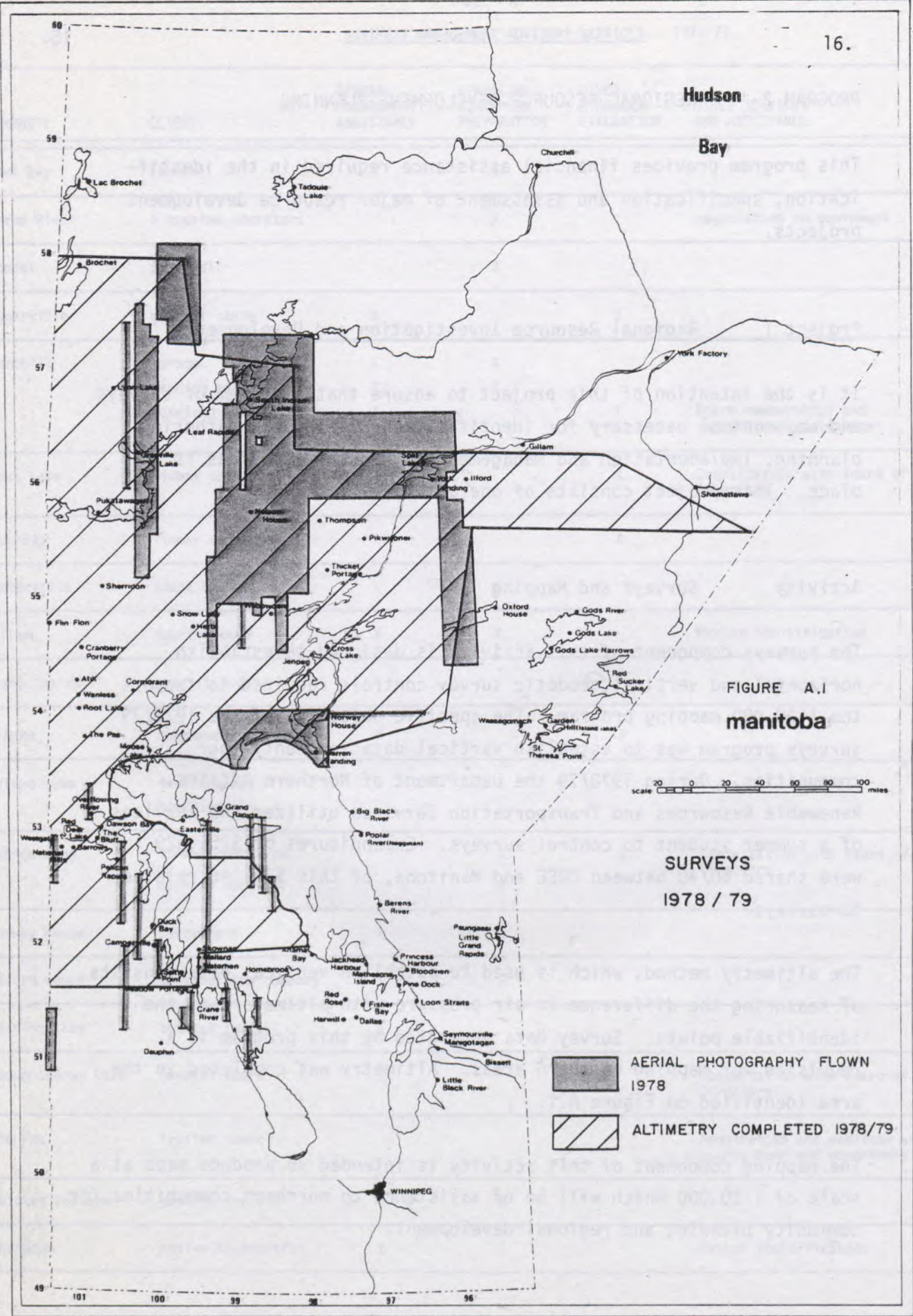


FIGURE A.1
manitoba

SURVEYS
1978 / 79

- AERIAL PHOTOGRAPHY FLOWN 1978
- ALTIMETRY COMPLETED 1978/79

Three staff persons were utilized during 1978/79 with expenditures totalling some \$177,483. Approximately 6,800 line kilometers of aerial photography were achieved during 1978/79 in the areas shown on Figure A.1. Status of mapping by community is given in table A.2.

TABLE A. 2
PHASE COMPLETION OF MAPPING ACTIVITY BY COMMUNITY
IN 1978/79

% COMPILATION COMPLETE 0 - 100%	AEROTRIANGULATION	ALTIMETRY	AERIAL PHOTOGRAPHY
Anama Bay 70% Bissett 85% Bloodvein 95% Dallas 80% Fisher Bay 80% Harwell 85% Jackhead Point 70% Manigotogan 75% Matheson Island 95% Pine Dock 95% Princess Harbour 95% Red Rose 80% Shamattawa 30%	Berens River Little Grand Rapids	Complete in all communities	Big Black River Camperville Cormorant Duck Bay Easterville Gods Lake Narrows Granville Lake Herb Lake Ilford Island Lake Moose Lake Nelson House Overflowing River Oxford House Pelican Rapids Pikwitonei Poplar River Pukatawagan Red Sucker Lake Root Lake Sherridon Skownan Split Lake Thicket Portage Wabowden Westgate York Landing

S E C T O R B

HUMAN DEVELOPMENT AND COMMUNITY SERVICES

SECTOR B

HUMAN DEVELOPMENT AND COMMUNITY SERVICES

The objective of this sector, as stated in the Agreement, is:

to assist families and communities to provide a social and physical environment conducive to the improvement of the quality of life and the participation of people in community affairs and development opportunities;

Sector B encompasses five programs (1) Information and Extension, (2) Northern Manitoba Human Development Services, (3) Manpower Development Services, (4) Northern Community Services and (5) Indian Reserve Community Services.

PROGRAM 1 INFORMATION AND EXTENSION

This program provides for the financing of a broad range of initiatives designed to ensure that residents of northern remote communities are provided reasonable access to and participation in projects to be undertaken pursuant to the Agreement, as well as the opportunity to participate individually and through community involvement in the overall socioeconomic development process.

To date, the program consists of one project, Extension Services.

Project 1 Extension Services

In 1979/80, this project consisted of four activities.

Activity 1 Local Government and Community Services

With the reorganization of the Department of Northern Affairs in 1978, efforts were made to strengthen the coordination and community services role of the former Information-Communication activity.

As a new activity under the Northlands Agreement, Local Government and Community Services was designed to provide information services, training programs and other required resources in support of residents of northern remote communities for their increased participation in local and regional socio-economic opportunities and for their increased participation in the development of local government and community affairs.

This activity was implemented by the Manitoba Department of Northern Affairs with a staff of 30. In 1978/79, expenditures of \$410,634 were shared 60/40 between DREE and Manitoba.

During 1978/79, Northern Affairs staff working out of offices in Thompson, The Pas, Dauphin and Selkirk, provided the following service to northern communities:

- assistance to communities in the preparation of community budgets and the development and maintenance of administrative records and procedures;
- training to community clerks in administrative procedures;
- assistance in the development of the local election process and training of local election officials;

- provision of information/liaison services between communities and government departments or agencies including the development of proposals for community projects;
- assistance in identifying or interpreting community infrastructure needs.

Activity 2 Youth Travel

This activity was implemented by the Manitoba Department of Education with a staff of one. In 1978/79, expenditures of \$117,955 were shared 60/40 between DREE and Manitoba.

The intent of the Youth Travel activity is to provide an opportunity for students in Grades I through XII in northern and remote Manitoba communities to participate in educational travel in order to:

- develop and expand their organizational and interpersonal skills;
- experience the economic, cultural, social and geographic aspects of different regions of Manitoba as they pertain to curriculum studies, and interact with people who live and work in these regions;
- increase their awareness of employment and educational opportunities;
- increase and broaden their understanding of the diversity in lifestyles, people, services and opportunities within Manitoba.

During 1978/79 assistance was provided to 43 travel groups involving 40 schools and a total of 1,178 students.

The following Table B. 1 indicates the number of students from each school who participated in the Youth Travel activity in 1978/79, as well as the communities they visited.

TABLE B. 1
YOUTH TRAVEL DESTINATIONS 1978/79

SCHOOL	NO. OF STUDENTS	DESTINATIONS
<u>Frontier School Division</u>		
Brochet	14	Winnipeg, Steinbach, Brandon
South Indian Lake (Oscar Blackburn)	36	Winnipeg & Area, Grand Rapids
Thicket Portage	10	Winnipeg
Wabowden	16	Winnipeg, Beausejour, Brandon, Dauphin
Berens River	23	Winnipeg and Steinbach
Rossville Elementary	20	Winnipeg
Norway House High	25	Winnipeg, Brandon, The Pas
Moose Lake	13	Winnipeg
Matheson Island	8	Winnipeg, Pine Falls, Pointe se Bois, Falcon Lake
Cormorant Lake	23	Winnipeg, Teulon
Pelican Rapids	24	Winnipeg, Selkirk
Cranberry Portage	18	Winnipeg, Brandon
Crane River	14	Winnipeg
Anama Bay	12	Winnipeg
Pikwitonei	19	Winnipeg, Brandon
<u>Dept. of Indian Affairs</u>		
Jackhead	34	Winnipeg, Brandon, International Peace Gardens
Cross Lake	82	Thompson, The Pas, Dauphin, Winnipeg and Area
Little Black River	23	Winnipeg, Kleefeld
Poplar River	17	Winnipeg, Teulon
Garden Hill	20	Winnipeg, Brandon, Teulon, Rivers, Shilo

Continued ...

TABLE B. 1 Cont'd

YOUTH TRAVEL DESTINATIONS 1978/79

SCHOOL	NO. OF STUDENTS	DESTINATIONS
Oxford House	16	Winnipeg and area
God's Lake Narrows	20	Winnipeg and area
Red Sucker Lake	21	Winnipeg and area
York Landing	29	Winnipeg and area
Split Lake	37	Winnipeg, Lower Fort Garry, Selkirk
Easterville (E. J. Johnson)	24	Winnipeg
<u>Other Remote Schools</u>		
Gypsumville	10	Winnipeg, Pinawa, Brandon
Churchill	22	Thompson, The Pas, Flin Flon
Leaf Rapids	15	Winnipeg
<u>Mystery Lake School Division</u>		
4 schools participating	45	Brandon, Souris, Carberry, International Peace Gardens, Grand Rapids
5 travel groups	52	Winnipeg, Steinbach
	41	Winnipeg, Steinbach
	45	Winnipeg and area
	13	Winnipeg and area
<u>Flin Flon School Division</u>		
3 schools participating	56	Winnipeg, Steinbach
	24	Winnipeg
3 travel groups	51	Churchill
<u>Kelsey School Division</u>		
4 schools participating	85	Winnipeg
6 travel groups	56	Winnipeg, Steinbach
	22	Winnipeg
	25	Riding Mountain National Park, Brandon, Shilo
	11	Precipice Lake and area
	7	Winnipeg

A summary of travel destinations follow:

46% to Winnipeg

44% to other locations in southern Manitoba

11% to urban/industrial centres in northern Manitoba

Activity 3 4-H North

The 4-H North activity aims at helping people acquire attitudes, knowledge and skills which will contribute towards social and economic development in northern Manitoba. In "urban" communities this involves expanding the number of leaders and clubs, and developing 4-H as a self-directed organization capable of assisting members to acquire skills, attitudes and knowledge of the group process. In more remote communities the focus is on developing youth programs to the point where they may consider establishing a 4-H program.

4-H members and leaders participated in a number of activities and events during 1978/79, including:

- 7 northern 4-H delegates from Churchill, Gillam, Cross Lake and Cranberry Portage attended a Native Youth Conference in Gimli;
- 12 delegates from Flin Flon, The Pas, Leaf Rapids, Gillam and Thompson attended a Junior 4-H Conference in Gimli;
- delegates from Thompson, The Pas and Gillam attended a Provincial Public Relations Conference in Brandon resulting in a marked increase in 4-H utilization of the media;
- 35 representatives from all the northern 4-H clubs attended a regional conference in Thompson;

- Achievement Day workshops were conducted in Gillam, Thompson and The Pas;
- 7 delegates attended a Provincial Leaders Conference in Brandon;
- 2 volunteers from Nelson House were delegates to a Saskatchewan Indian 4-H camp.

During 1978/79 the development of a northern group gardening program had progressed to a point where specific objectives and working arrangements were established for the next three years.

This activity was implemented by the Manitoba Department of Agriculture utilizing three full-time and two part-time staff operating out of Thompson and The Pas. Expenditures shared 60/40 between DREE and Manitoba amounted to \$51,599 during 1978/79.

Table B. 2 lists the active 4-H clubs during 1978/79, including the number of members and volunteer leaders.

TABLE B. 2

4-H CLUB PARTICIPANTS 1978/79

COMMUNITY	LEADERS	MEMBERS
Flin Flon	25	94
Gillam	20	95
Leaf Rapids	4	19
Pukatawagan	1	8
Shamattawa	6	14
Thompson	25	94
The Pas	10	46
TOTALS	69	294

Activity 4 Culture and Recreation Services

The Culture and Recreation Services activity is designed to assist northern communities in developing recreational opportunities to meet the needs of their citizens. It is composed of four components: Community Programs Development, Human Resources Development, Exposure and Physical Resources Development.

This activity was implemented in 1978/79 by the Department of Tourism and Cultural Affairs and Fitness, Recreation and Sport. Six regional staff located in Thompson and The Pas, with a community recreation worker in each of Cross Lake, Wabowden and Manigotogan, delivered the \$340,736 program shared 60/40 between DREE and Manitoba.

The following paragraphs describe more clearly the four components under the Culture and Recreation Services activity, as well as the achievements made in 1978/79. In conjunction with this information, Table B. 3 summarizes the various types of programs and grants delivered to northern communities.

a) Community Programs Development

This component of the activity assists northern communities in planning, implementing and coordinating community recreation services and in taking full advantage of all available resources.

- i) Consultative Services - provides consultation and support in the planning and management of recreation services, programs and facilities. In 1978/79, 200 visits were made covering all communities under Northern Affairs jurisdiction.

TABLE B. 3
 CULTURE AND RECREATION SERVICES
 GRANTS AND PROGRAMMING BY COMMUNITY 1978/79

COMMUNITIES	PHYSICAL RESOURCES DEVELOPMENT		COMMUNITY PROGRAMS DEVELOPMENT			HUMAN RESOURCES DEVELOPMENT				EXPOSURE					
	ARTS EQUIPMENT	FACILITY GRANT	CONSULTATIVE SERVICES	COMMUNITY RECREATION WORKERS & NEW CAREERS	ARTIST - IN - RESIDENCE	MULTICULTURAL GRANTS	SKILLS DEVELOPMENT	LEADERSHIP TRAINING	FRONTIER GAMES	NEW ACTIVITIES ASSISTANCE	CONCERTS IN NORTH	TOURING	REGIONAL FESTIVALS	DEMONSTRATIONS	CONFERENCES
Churchill				X	X		X	X		X		X	X	X	X
Gillam	X				X			X	X	X		X	X	X	X
Thompson					X	X	X	X		X		X	X	X	X
Leaf Rapids	X				X		X	X		X				X	X
Mabowden				X			X	X	X	X				X	X
Shamattawa				X				X		X	X			X	
St. Theresa Point							X	X		X	X			X	
Garden Hill															
South Indian Lake	X			X			X	X	X	X	X			X	X
Berens River			X				X		X						
Cross Lake			X	X	X		X	X	X		X	X		X	X
Granville Lake			X						X		X				
Wekusko									X						
The Pas Indian Band			X						X						
Grand Rapids Indian Band															
The Pas	X		X		X	X	X	X		X		X	X	X	X
Flin Flon			X		X		X	X		X		X	X	X	X
Lynn Lake	X		X		X		X	X		X		X		X	
Cranberry Portage			X	X	X		X	X	X					X	
Sherridon			X			X		X	X				X		
Norway House			X		X		X		X						
Wanless	X		X				X	X	X	X	X				
Grand Rapids			X					X	X	X		X		X	
Moose Lake			X					X	X	X					
Brochet			X					X	X	X					
Comorant			X					X	X	X				X	
Ilford								X	X					X	
Pikwitonei				X				X	X					X	X
Nelson House				X				X	X	X	X			X	X
Thicket Portage				X			X	X	X	X				X	X
Split Lake								X		X				X	X
Gods Narrows								X							
York Landing										X	X			X	
Oxford House								X							
Barrows			X	X			X		X		X				
Duck Bay			X					X	X		X				
Camperville	X		X	X	X		X	X	X	X					
Manigotogan			X	X				X							
Fisher River			X	X				X						X	
Snow Lake			X		X			X	X	X	X				X
Pukatawagan			X					X	X	X					
Pelican Rapids			X					X	X						
Easterville			X					X	X	X	X			X	
Matheson Island		X	X					X	X	X				X	
Tadouie Lake			X							X				X	
Red Sucker Lake			X												
Wasagomach			X												
Gods River			X												
Island Lake			X												
Crane River											X				
Waterhen			X						X		X				
Anama Bay			X						X		X				
Dallas Red Rose			X						X						
Pine Dock									X						
Lac Brochet			X					X	X						
Little Grand Rapids									X						
Seymourville			X						X						
Big Black River									X						
Mallard			X						X						
Westgate				X					X						
Salt Point				X					X						
Red Deer Lake							X		X						
National Mills				X			X		X						
Meadow Portage			X						X						

- ii) Community Recreation Workers - provide full-time coordination of recreation services in northern remote communities. This program was undertaken in cooperation with the New Careers Branch of the Department of Continuing Education and Manpower and provides for the training, upgrading and supervision of community recreation workers in remote northern communities.

- iii) Grant to Regional Recreation Council - provide an administration grant to the Northern Manitoba Recreation Association which has assumed the responsibility of coordinating regional activities such as regional games, regional festivals, etc. All communities under Northern Affairs jurisdiction have representation on the Regional Recreation Council.

- iv) "Artists in Residence" Grant - provide an opportunity for employment to an artist while exposing communities to programs provided by the artist.

b) Human Resources Development

This component provides training for potential community recreation leaders and supports events which foster the improvement of skills and performance in leisure time.

- i) A grant for the Frontier Games provides students within the Frontier School Division with competitive activities and an opportunity for community exchange in the remote northern areas.

- ii) Workshops, clinics and courses in leadership training were provided for the development of part and full-time recreation leaders who would return and work in their communities.

- iii) Schools, workshops and clinics were offered to develop basic recreation skills for leaders.
- iv) Multi-cultural grants were provided to northern communities to assist in the preservation, development and sharing of the cultural heritage of the north.

c) Exposure

This component of the activity aims to increase the appreciation for and understanding of recreation by providing opportunities for individuals to be exposed to new and unique physical, cultural and social recreation activities.

- i) A series of conferences, demonstrations, consultations, and a recreation newsletter "TANSI" have contributed to the communication and exchange of information, programs and ideas among all northern communities.
- ii) A grant for "Concerts-in-the-North" provides exposure to otherwise unavailable entertainment, as well as the opportunity for the development of local talent in remote northern communities.
- iii) A grant for "Tour Hosting" assists community organizations to sponsor artistic performances in the north.
- iv) A grant was also provided to encourage the development of arts festivals or the cultural component of community and regional festivals.

d) Physical Resources Development

This component of Culture and Recreation Services aims to assist communities in developing their physical recreation resources, including facilities and equipment.

- i) A grant in support of the construction and renovation of recreation facilities was made to Matheson Island in 1978/79.
- ii) Ongoing consultation regarding the planning, operation and maintenance of major recreation facilities has been provided to many northern communities.
- iii) Grants were made to communities to assist in the purchase of various creative arts equipment.

PROGRAM 2 NORTHERN MANITOBA HUMAN DEVELOPMENT SERVICES

This program is intended to provide the opportunity for more northern residents to become engaged in northern employment. The program encompasses three projects - Northern Development Corps, Northern Corporate and Community Based Enterprises and Adult Professional Development.

Project 1 Northern Development Corps

This project provides an integrated manpower service which includes a job information and referral network, relocation services, a family support service and a youth corps program.

Activity 1 Regional Services

The Regional Services activity consolidates a variety of programming designed to ensure that northerners have real access to existing job opportunities.

The Employment Services component of this activity was implemented by the Manitoba Department of Labour and Manpower utilizing a staff of 26 distributed as follows:

<u>REGIONAL CENTRES</u>	<u>ADMIN/CLERICAL</u>	<u>FIELD STAFF</u>	<u>TOTAL</u>
Headquarters (Winnipeg)	-	1	1
The Pas	2	6	8
Churchill/Thompson	2	7	9
Leaf Rapids	1	5	6
East Lake Winnipeg	-	2	2
TOTAL	5	21	26

In conjunction with Employment Services, the Manitoba Department of Health and Community Services utilized 8 staff located in The Pas, Thompson, Flin Flon and Churchill to provide a Family Support Service to northern residents requiring assistance during the transitional stage of relocation.

During 1978/79 expenditures of \$1,407,742. relating to the Department of Labour and Manpower were shared 60/40 between DREE and Manitoba. Expenditures of \$160,265. relating to the Department of Health and Community Services were also shared 60/40 between DREE and Manitoba. Both expenditures relate to one activity, Employment Services.

The following summary describes the programming under this activity, as well as the achievements made during the fiscal year, Tables B.4 and B.5 provide further information in support of Regional Services.

a) Employment Services

i) Referral Services - Programming under this component includes employment counselling, job and training referrals and placements. In 1978/79 some 2,339 referral cases were dealt with.

ii) Economic Development - During 1978/79 Employment Services staff assisted communities and individuals to initiate or facilitate 11 projects of an economic development nature involving 20 jobs.

iii) Relocation Services - Programming in 1978/79 included three relocation projects designed to move and accomodate residents of remote communities to jobs and homes in industrial centres. Project Tawow, operating under an agreement with Sherritt-Gordon Mines at Leaf Rapids assisted 45 families to relocate. The Thompson relocation program operating in co-operation with the Manitoba Metis Federation and the International Nickel Company, assisted 14 families. The Flin Flon relocation program operating in cooperation with the Hudson Bay Mining and Smelting Company, assisted 35 families.

iv) Youth Corps - Programming is designed to create meaningful summer jobs for the youth in northern communities. In 1978/79 a total of 37 projects involving 275 jobs were undertaken by the Youth Corps.

TABLE B.4
REGIONAL SERVICES PROGRAMMING SUMMARY 1978/79

REGION	THOMPSON- CHURCHILL NORTHERN	THE PAS SOUTHERN	EAST SIDE OF LAKE WINNIPEG EASTERN	LEAF RAPIDS WESTERN	TOTALS
<u>*REFERRAL SERVICES</u>					
Employment Referrals	902	205	128	25	1,260
Employment Placements	695	87	62	10	854
Training Referrals	98	20	11	6	135
Training Placements	16	10	8	0	34
Cases dealt with	1,196	626	437	80	2,339
Clients Given Assistance (Financial)	56	30	41	2	129
<u>ECONOMIC DEVELOPMENT</u>					
Projects Assisted	10			1	11
Jobs Involved	20			0	20
<u>RELOCATION PROGRAM</u>					
Families Relocated	14	35	N/A	45	94
Active Caseload, (Mar./79)	3	27	N/A	51	81
<u>YOUTH CORPS</u>					
Communities	11	15	8	3	37
Participants	68	115	63	29	275

*Some persons included in this table may also be recorded in Table B.13 for Manpower Development Services/Outreach on page

YOUTH CORPS

NORTHERN SUMMER YOUTH EMPLOYMENT PROGRAM - 1978/79

NORTHERN REGION COMMUNITY	EMPLOYED	PROJECT
WABOWDEN Community Council	11 employed 10 youth workers 1 supervisor	Community Public Works
CHURCHILL	4 employed 4 youth workers	Organize and run a combined wilderness survival experience and recreational program for underprivileged youngsters.
NELSON HOUSE Band Council	11 employed 11 youth workers	Community services -- recreational assistant, health worker aide, Welfare aide, Home advisor aide, public worker, bookkeeping assistant, Band manager, employment counsellor, police rookies, Band office receptionists, nurses aide.
NELSON HOUSE Metis Settlement	3 employed 2 youth workers 1 youth supervisor	Organize and run a "community" recreational program for youth 2 - 13 years of age.
ILFORD	5 employed 5 youth workers	Training of 3 grade 12 and 2 grade 10 students in Commercial Fishing -- on the job training in all aspects of the business of commercial fishing, includes operating, usage and maintenance of outboard motors, swamp buggy, diesel generator, camp lay-out, warehouse, dock facilities, chainsaws, nets, fish dressing and packing, also wilderness survival including water survival.
THICKET PORTAGE	8 employed 8 youth workers	Community work -- assist in running the recreational programs, work at the Kistogan gardens, undertake environmental work.
PIKWITONEI	4 employed 3 youth workers 1 supervisor	Assist with recreational program and public works, supervisor will also do work as Council clerk.
CROSS LAKE Band Council	7 employed 7 youth workers	Health aide, Welfare aide, clerical and bookkeeping and water delivery.
CROSS LAKE Community Council	3 employed 3 youth workers	Secretarial work and community public works.
CROSS LAKE Pimichikamac Develop.	2 employed 2 youth workers	Assist as clerk and marketing of product, garage maintenance work.

YOUTH CORPS

NORTHERN SUMMER YOUTH EMPLOYMENT PROGRAM - 1978/79

<u>NORTHERN REGION (cont'd.)</u>		
COMMUNITY	EMPLOYED	PROJECT
THOMPSON	10 employed 10 youth workers	Students of parents involved in the relocation program and receiving counselling will be placed in private and public agencies and given a practical work experience.
<u>SOUTHERN REGION</u>		
BIG EDDY -- Metis Settlement (The Pas)	6 employed 5 youth workers 1 supervisor	Community public works, working for senior citizens, do a community profile.
UMPERVILLE -- Metis Settlement (The Pas)	3 employed 3 youth workers	Community public works, work for senior citizens.
THE PAS (town)	5 employed 5 youth workers	Receptionist at tourist bureau, museum work, community recreation assistance.
THE PAS (Reserve)	4 employed 4 youth workers	Assist operation community recreational program, clerk at Band Council office and public works project.
CORMORANT	5 employed 5 youth workers	Building recreational grounds and equipment, community public work and community profile.
GRAND RAPIDS -- L.G.D.	8 employed 7 youth workers 1 supervisor	Building small community playground equipment, assist senior citizens in home improvement, undertake a community profile, assist in operating community recreation program.
MOOSE LAKE	9 employed 8 youth workers 1 supervisor	Building a community playground, community profile, clerical assistance, environmental work.
CAMPERVILLE	10 employed 9 youth workers 1 supervisor	Community public works, clerical work in Community office, Community profile, assist in operating community recreational work in community store as clerk, assist secretarial work at local operation, work with the aged.
CRANE RIVER	10 employed 9 youth workers 1 supervisor	Community public works, work with senior citizens, build up community recreational area, Council and Band administration work, community profile.
DUCK BAY	10 employed 9 youth workers 1 supervisor	Building up community recreational grounds, clerical work at post office, grocery store, restaurant, community public work.

YOUTH CORPS

NORTHERN SUMMER YOUTH EMPLOYMENT PROGRAM - 1978/79

<u>SOUTHERN REGION</u> (cont'd.)		
COMMUNITY	EMPLOYED	PROJECT
SKOWNAN/WATERHEN RESERVE	10 employed 9 youth workers 1 supervisor	Building up community recreational grounds, community public works, work as Band administrator assistant, clerical work in store and poolroom, work with senior citizens.
PELICAN RAPIDS	11 employed 10 youth workers 1 supervisor	Community public work, work for senior citizens, building up community recreation areas.
CRANBERRY PORTAGE	11 employed 10 youth workers 1 supervisor	Community recreational assistance, work for senior citizens, work with 50th anniversary working group, do community profile.
SHERRIDON	6 employed 5 youth workers 1 supervisor	Building community recreational grounds, community public works, do community profile.
MALLARD	7 employed 6 youth workers 1 supervisor	Building up community recreational grounds, operating day care, community public works, work with senior citizens, and handicapped, do community profile.
<u>EASTERN REGION</u>		
BERENS RIVER	14 employed 13 youth workers 1 supervisor	Community services - Carpenter helpers, clerk in the Council offices, work for Senior Citizens community gardens.
BISSETT	6 employed 5 youth workers 1 supervisor	Community services, work for senior citizens, campsite preparation, community public works, conservation aide.
HARWILL	1 employed 1 youth worker	Community services, carpenter helper, work for senior citizens, collect and write up community history.
MANIGOTAGAN	5 employed 4 youth workers 1 supervisor	Community services, work for senior citizens, Council office assistance, community public works.

YOUTH CORPS

NORTHERN SUMMER YOUTH EMPLOYMENT PROGRAM - 1978/79

EASTERN REGION (cont'd.) COMMUNITY	EMPLOYED	PROJECT
MATHESON ISLAND	4 employed 4 youth workers	Community service, establish and operate a community restaurant -- 7 days a week as a service to tourists.
NORWAY HOUSE	16 employed 16 youth workers	Community services, Council offices, hospital nursing, work for senior citizens, maintenance workers, mechanic helper, store clerk and helper, airport aide.
PINE DOCK	5 employed 4 youth workers 1 supervisor	Community services, Recreation program, beach supervision, work for senior citizens.
SEYMOURVILLE	12 employed 11 youth workers 1 supervisor	Community services, Council offices, day care centre, recreation program, mechanic helper, nurse aide, store clerk, work for senior citizens.
<u>WESTERN REGION</u>		
PUKATAWAGAN	12 employed 12 youth workers	Assist Band staff, Vocational counsellor aide, Welfare aide, health aide, Band Administrator aide, community gardens, nurses aide, community recreation aide.
SOUTH INDIAN LAKE Community Council	12 employed 12 youth workers	Community Council office work, Community garage helper, clerk at nursing station, clerk at community store and restaurant, fishing camp clerk.
LEAF RAPIDS	5 employed 5 youth workers	Auto body mechanic, conservation officer aide, dental aide, Housing maintenance work, Manitoba Telephone System worker.

b) Family Support Services

Programming under this component provides, through visits by Home Economists and Home Advisors, a variety of support services to primarily young, low income families in the areas of nutrition, money management, home-making skills, housing and changing life patterns. Table B.6 summarizes the number of clients and types of services provided in 1978/79.

TABLE B.6

A SUMMARY OF INDIVIDUALS WHO RECEIVED FAMILY SERVICES - 1978/79

Summary of Individuals who received Family Services 1978/79	NUTRITION												MONEY MANAGEMENT				HOME & FAMILY MANAGEMENT			HOUSING			OTHER			
	Prenatal Pregnant Women	Prenatal Other	Infant	Preschool	School Age	Family	Elderly	Weight Control & Fitness	Heart Disease	Therapeutic Meal Planning	Buymanship	Preparation	Children	Young Adults	Budgeting Family Income	Financial Crisis	Consumer & the Market Place	Child Development and Family Life	Home Management	Clothing Construction	Textile Buymanship	Home Maintenance Repair and Improvement	Housing Selection Design and Materials	Furnishing Selection and Care	Health	Community Awareness, Leadership Development
CASE COUNT	18		19	4	6	9	5	68	1	36	4	12		2	52	3		7	4	68	1	24		4	10	2
SINGLE CONTACTS	68	1	28	12	16	1	17	20	1	12	3	21			7		6	2	4	2	3	9	1	3	3	45
GROUP WORK Single Sessions	157	69	6	396	50	17	63	109				6								3		4				3
GROUP WORK Courses (2 or more sessions)	7	4		28	56	9		36				6		15				6	37		23					
TRAINING OF OTHERS		20	4	441	14	25	23	1	16		6															
CONSULTATION AND PLANNING ASSISTANCE	1	27	19	5	41	9	1	13	2	8		1	1	8	15	1			10	1	4					40

Activity 2 Economic Development Services

The economic development services activity is a response-oriented mechanism which provides development support and assistance to communities, individuals, groups and businesses, in the areas of identification, planning, implementation and monitoring of resource development projects.

The Department of Northern Affairs, Renewable Resources and Transportation Services utilized 24 staff-man-years during 1978/79. Expenditures of \$634,277 were shared 60/40 between DREE and Manitoba.

Support assistance includes the provision of such services as feasibility analysis, assistance in gaining access to funding and training and specialized technical expertise where required. During 1978/79 assistance was provided to communities as indicated in table B.7.

Activity 3 Forestry counterpart Training

The intent of the program is to provide on-the-job training to northern residents to assist them to qualify for positions as managers, bookkeepers, and/or mechanics. During 1978/79, training was provided to one mechanic, one manager-trainee and one bookkeeper-trainee at Channel Area Loggers in Berens River, and one of each of the three categories at Moose Lake Loggers in Moose Lake. Each bookkeeper-trainee worked under the direction of an experienced accountant, the manager-trainees were supervised by experienced logging company managers, and the mechanic-trainee worked under the direction of a qualified mechanic.

This activity was implemented by the Manitoba Department of Northern Affairs, of Renewable Resources and Transportation Services utilizing the services of two bookkeepers part-time. In 1978/79 expenditures of \$45,695 were shared 60/40 between DREE and Manitoba.

ECONOMIC DEVELOPMENT SERVICES

1978/79

COMMUNITY	DESCRIPTION OF ASSISTANCE PROVIDED
BERENS RIVER	Analyzed the feasibility of agricultural operation and small sawmill. Monitored and provided support services to Channel Area Loggers Ltd.
CRANBERRY PORTAGE	Analyzed the feasibility of a laundromat.
CROSS LAKE	Provided on-site management and technical services as required to the Pimichikamac Development Corporation logging and sawmill operations. Analyzed the feasibility of a motel. Analyzed the feasibility of a pool-room-lunch counter.
DUCK BAY	Feasibility analysis provided for a local service station.
EASTERVILLE	Analyzed the feasibility of a service station and restaurant on P.T.H. 327.
GRAND RAPIDS	Assisted fishermen with start-up activities related to their fishery.
ILFORD	Assisted the Ilford Community Development Corporation in the analysis of a tourism project and in making contact with appropriate government personnel for their other development proposals.
LAC BROCHET	An on-site motor maintenance course was arranged and assistance was provided in further developing their fishery.
LITTLE GRAND RAPIDS	Assisted this community with their summer fishing operations.
LYNN LAKE	Assisted the community of Lynn Lake in developing an orderly plan to minimize disruption that could result from scaled down mining operations.
MANIGOTAGAN	Financial analysis and technical support was provided to the pulp operation of the local community development corporation.
MOOSE LAKE	Assisted 7 local entrepreneurs in applying for funding to finance logging equipment purchases. Monitored and provided support services to Moose Lake Loggers Ltd.
OVERFLOWING RIVER	Feasibility study provided an outfitting and outcamp operation.
OXFORD HOUSE	An on-site fishermen's training program was arranged.
PUKATAWAGAN	Assisted the local store entrepreneur in defining and obtaining training assistance.

Project 2 Northern Corporate and Community Based Enterprises

Activities designed to increase the number of northerners in northern jobs and to assist them in the establishment of local employment enterprises comprise this project. Of the eight activities reported in 1977/78, provincial management of six was discontinued in 1978/79:

- Integrated Building Systems/RTM Plant at Cranberry Portage was sold with the intention of enabling the venture to continue as a private enterprise.
- Minago Contractors' assets were sold by public auction.
- Churchill Pre-Fab Housing Plant's assets were distributed to Government Departments or sold by public auction.
- Mistik Creek Loggers was sold with the intention of enabling the venture to continue as a private enterprise.
- Pakwagan Community Services (Wabowden) was sold with the intention of enabling the venture to continue as a private enterprise.
- Director's office was closed with its responsibilities assumed by the Economic/Technical Services Activity.

Expenditures of \$406,552 were shared 60/40 between DREE and Manitoba. These expenditures were clean-up costs related to the discontinuation of activities and included \$210,500 relating to Channel Area Loggers. Channel Area Loggers and Moose Lake Loggers were continued in 1978/79.

Activity 1 Channel Area Loggers

Channel Area Loggers Company Ltd. is a pulpwood cutting operation at Berens River. The intent of the activity is to produce an economically viable operation harvesting the forestry resource in the area, to provide training and employment to northern residents and to ultimately transfer control to these residents.

This activity was supported by the Manitoba Department of Renewable Resources and Transportation Services using the equivalent of one staff member. During 1978/79, expenses of \$210,500 were shared 60/40 between DREE and Manitoba. These costs relate to operations of the company in the 1977/78 fiscal year.

Pulpwood production for the year totalling approximately 15,000 cords was sold to Abitibi Paper Company in Pine Falls. Some 252 individuals from Berens River and Peguis were seasonally employed for a total of 53 man-years. Local residents continued on-the-job training at middle management and technical levels.

Following is a comparison of activity performance for 1976/77, 1977/78 and 1978/79.

TABLE B.8
CHANNEL AREA LOGGERS
PRODUCTION AND EMPLOYMENT

YEAR	MAN/YEARS OF EMPLOYMENT		PRODUCTION (CORDS)
	NORTHERNERS	OTHER	
1976/77	40	3.5	10,000
1977/78	49	1	12,000
1978/79	52	1	15,000

Activity 2 Moose Lake Loggers

Moose Lake Loggers Limited was formed to create a viable economic operation providing employment for residents of Moose Lake and surrounding areas.

Cost-shared expenditures for Moose Lake Loggers in 1978/79 would normally be related to operations of the company during 1977/78. However, for the first time in its history, the company earned a profit. While the profit was small when compared to losses over the previous years, it represented an important turning point. As a result no expenditures were cost-shared between DREE and Manitoba in the 1978/79 fiscal year.

The Department of Northern Affairs, Renewable Resources and Transportation Services and Economic Development Services provided support to the company in the form of a Secretary to the Company's Board of Directors.

The company utilized both company-owned and owner-operated skidders to harvest pulpwood and sawlogs for sale to Manitoba Forestry Resources Ltd. at The Pas. During 1978/79 some 21 owner/operators were employed by the company.

Production for the 1978/79 year increased by ten percent over the previous year to approximately 66,000 cords. While employment varied due to inclement conditions in spring and fall, approximately 60 persons were employed for a 10 month period. Some 80 percent of the employees were residents of Moose Lake, an additional 15 percent were from neighbouring communities, and 5% were from other regions.

On-the-job training at the middle management and technical levels was provided by the company.

Following is a comparison of activity performance for the years 1976/77, 1977/78 and 1978/79.

TABLE B.9
MOOSE LAKE LOGGERS
PRODUCTION AND EMPLOYMENT

YEAR	MAN/YEARS OF EMPLOYMENT			PRODUCTION (CORDS)
	NATIVE NORTHERNERS	OTHER	TOTAL	
1976/77	28	14	42	32,000
1977/78	45	25	70	61,000
1978/79	57	3	60	66,000

Project 3 Adult Professional Development

This project is intended to increase the participation of northerners in professional, technical and administrative jobs in both northern remote communities and urban centres. In 1978/79 it consisted of three activities.

Activity 1 New Careers

The New Careers activity is designed to increase the participation of people from remote northern communities in professional, para-professional, technical and administrative jobs in both remote and urban centres. It consists of on-the-job training, related specifically to the skills and knowledge needed to perform particular jobs. For this purpose, it provides for staff, costs of administration, counselling, training allowances, travel, field cost of supervision and office expenses.

TABLE B. 10

NEW CAREERS, 1978/79 *

PROGRAM	DEPARTMENT OR AGENCY	PLACES OF EMPLOYMENT/ TRAINING	TOTAL NO. TRAINEES ENROLLED	NO. DIS- CONTINUED	NO. IN TRAINING		NO. OF GRADUATES
					1st YEAR	2nd YEAR	
Community Recreation Worker	Recreation Branch	Brochet Wabowden Winnipeg Shamattawa Easterville Churchill (3) Thicket Portage Ilford Duck Bay Camperville Sherridon Grand Rapids Barrows Pikwitonei S. Indian Lake Cranberry Portage Koostatak Nelson House	20	6	0	7	7
Chemical Abuse Counsellor	Rosaire House	The Pas (3)	3	1	0	1	1
Clerk IV	M.M.F.	Thompson	1	0	0	0	1

Continued ...

TABLE B. 10
NEW CAREERS, 1978/79

PROGRAM	DEPARTMENT OR AGENCY	PLACES OF EMPLOYMENT/ TRAINING	TOTAL NO. TRAINEES ENROLLED	NO. DIS-CONTINUED	NO. IN TRAINING		NO. OF GRADUATES
					1st YEAR	2nd YEAR	
A.B.E. Instructor	Department of Education	Norway House The Pas Flin Flon The Pas Thompson	5	1	0	0	4
Probations	Probation Aide	Churchill	1	0	0	0	1
Child Welfare Worker	Dept. of Health and Social Services	Island Lake	1	0	0	0	1
Community Health Worker	Dept. of Health and Social Services	Pine Dock Grand Marais Thicket Portage Gypsumville Vogar McMunn Bissett Manigotogan Wabowden	9	3	0	3	3

Continued ...

TABLE B. 10 Cont'd

NEW CAREERS, 1978/79

PROGRAM	DEPARTMENT OR AGENCY	PLACES OF EMPLOYMENT/ TRAINING	TOTAL NO. TRAINEES ENROLLED	NO. DIS-CONTINUED	NO. IN TRAINING		NO. OF GRADUATES
					1st YEAR	2nd YEAR	
Conservation Officer	Renewable Resources	Riverton Portage	2	0	0	0	2
Radio Announcer	Native Communications	Norway House	1	0	0	0	1
Admin. Secretary	Native Communications	Norway House	1	1	0	0	0
Admin. Secretary	Frontier School Div.	Wabowden Berens River(2) Moose Lake Wanipigow Norway House(2) Winnipeg Grand Rapids Duck Bay Thompson S. Indian Lake	12	3	0	9	0
Northern Coordinator	Northern Affairs	Thompson Selkirk The Pas	3	0	0	0	3

Continued ...

TABLE B. 10 Cont'd

NEW CAREERS, 1978/79

PROGRAM	DEPARTMENT OR AGENCY	PLACES OF EMPLOYMENT/ TRAINING	TOTAL NO. TRAINEES ENROLLED	NO. DIS- CONTINUED	NO. IN TRAINING		NO. OF GRADUATES
					1st YEAR	2nd YEAR	
Correctional Officer	The Pas Corrections	The Pas (3)	3	0	0	0	3
School Health Advisor	Frontier School Division	Wanipigow Nelson House Thicket Portage Toutes Aides Gillam Split Lake S. Indian Lake Norway House	8	1	0	5	2
Recreation Worker	Migration Centre	Thompson	1	1	0	0	0
Admin. Assistant	Migration Centre	Thompson	1	0	0	0	1
Executive Director	Migration Centre	Thompson	1	1	0	0	0

Continued ...

TABLE B. 10 Cont'd
NEW CAREERS, 1978/79

PROGRAM	DEPARTMENT OR AGENCY	PLACES OF EMPLOYMENT/ TRAINING	TOTAL NO. TRAINEES ENROLLED	NO. DIS-CONTINUED	NO. IN TRAINING		NO. OF GRADUATES
					1st YEAR	2nd YEAR	
Telephone Craft Person	Manitoba Telephone System	Leaf Rapids Garden Hill	2	2	0	0	0
Chemical Abuse	A.F.M. Thompson	Thompson (2)	2	0	0	2	0
Coop. Manager	Manigotoan Coop	Manigotogan	1	1	0	0	0
		TOTAL	78	21	0	27	30

* Note that "discontinued" does not necessarily mean drop-out. Trainees may have discontinued the Program due to relocation, being accepted into a job, or for other reasons.

* Note that this Table displays numbers of Trainees as of March 31, 1979.

This activity was implemented by the Manitoba Department of Labour and Manpower utilizing a staff of five. Expenditures of \$940,076 were shared 60/40 between DREE and Manitoba during 1978/79.

Details of activity performance during 1978/79 are shown in Table B. 10.

As the table indicates, a total of 78 persons were registered for the 1978/79 term. Of this total, 21 persons discontinued the program before completing the entire two-year course*, 30 persons finished the two-year program and graduated, while 27 persons were continuing in their second year of training.

Following is a summary of participants in 1978/79:

- 90% were of native ancestry
- 97% had less than Grade XII Education
- 65% were women
- 76% had unstable or intermittent employment record

Activity 2 Brandon University Northern Teacher Education Program
(BUNTEP)

This activity was implemented by the Manitoba Department of Education, Special Projects Branch. The BUNTEP and Special Mature Students activities utilize the same staff resources. During 1978/79 the pro-rated staff resource used by BUNTEP was equivalent to 2 persons. Expenditures of \$1,749,500 were shared 60/40 between DREE and Manitoba.

The intent of this activity is to meet the need and demand for teachers in remote communities by providing teacher training and support to students who would otherwise have limited access to this opportunity. It serves areas where:

- the community has demonstrated an interest in co-operating with the project by requesting a BUNTEP centre;

- the community is large enough to justify a centre by providing teaching positions;
- the community is centrally located among a number of small communities, which taken together, can provide teaching positions for graduates;
- the community has a demonstrated need on the basis of current teacher turnover rates affecting the quality of education.

BUNTEP offers northern students the opportunity to achieve elementary teacher certification totally off-campus. The required Arts, Science and Education courses are taught by visiting instructors from Brandon University or the resident centre co-ordinator. Teaching practicums are supervised in the same fashion. Teaching centres are located in Camperville, Cross Lake, Garden Hill, Nelson House, Norway House, Oxford House, Peguis, Split Lake, The Pas and Fairford. During the year two centres, Nelson House and Camperville closed as a majority of students graduated.

The activity also provides the following support: cost of operating the centres, staff, costs of administration, counselling, training allowances, remedial instruction tuition, travel, books, field cost of supervision, and office expenses.

Of the 135 students enrolled during 1978/79, 41 graduated, 9 discontinued and 85 students were in training at the end of March, 1979. Of the 135 enrolled:

- 94% were of native ancestry
- 90% had less than Grade XII Education
- 68% were women
- 61% were unemployed at the time of recruitment

Table B.11 provides an overview of the 1978/79 program.

TABLE B.11
BRANDON UNIVERSITY NORTHERN TEACHER EDUCATION PROGRAM
(BUNTEP) 1978/79

BUNTEP CENTRE	NO. OF FULL TIME STAFF	NO. OF STUDENTS	NO. OF ENTRIES	NUMBER DISCONTINUED	NO. IN TRAINING			NO. OF GRADUATES
					1st	2nd	3rd	
Camperville	1	9	0	0	0	0	0	9
Cross Lake	1	20	12	0	12	-	-	8
Fairford	1	19	19	0	19	-	-	0
Garden Hill	1	18	2	0	-	15	-	3
Nelson House	1	6	0	2	0	0	0	4
Norway House	1	10	0	2	-	-	8	0
Oxford House	1	12	0	2	-	-	10	0
Peguis	1	10	0	0	-	-	4	6
Split Lake	1	14	0	1	-	7	-	6
The Pas	1	17	0	2	-	-	10	5
TOTAL	10	135	33	9	31	22	32	41

Activity 3 Special Mature Students Program

The Special Mature Students Program is designed to deliver a degree level university program to people who traditionally have not had the opportunity for such an education. Courses are offered in selected schools and faculties at Brandon University, the University of Manitoba, and Brandon General Hospital (which offers a Registered Nursing Program).

This activity was implemented by the Manitoba Department of Education, Special Projects Branch, with a pro-rated staff resource equivalent to approximately 1 person. During 1978/79 expenditures of \$716,141 were shared 60/40 between DREE and Manitoba.

Students are required to attend a full calendar year at the institutions concerned, and have an opportunity to pursue university degrees. Participants are students who would normally have little access to formal education.

The activity also provides for training allowances, instruction costs, program support costs, counselling, costs of administration, field costs of supervision and office expenses. In 1978/79, the total number of students enrolled was 75; 55 in training, 10 graduating and 10 discontinuing the program.

Table B.12 more clearly describes enrollment by educational institution.

The following is a profile of participants in 1978/79 -

- 90% were of native ancestry
- 61% were women
- 60% had less than Grade XI education
- 49% were unemployed at recruitment

TABLE B.12
SPECIAL MATURE STUDENT PROGRAM 1978/79

<u>Faculty</u>	<u>Institution</u>	<u>Entries</u>	<u>In Training</u>	<u>Discontinued or Transfers Out</u>	<u>Graduates</u>	<u>Certificates</u>	<u>Home Community</u>
Nursing	Brandon General Hospital	10	9	1	0	-	God's Narrows (1) Nelson House (2) The Pas (3) Berens River (2) Norway House (2) South Indian Lake(1) Gillam (2) Cross Lake (1) Churchill (1) Thompson (1)
Arts	Brandon University	1	8	1 + 3*	6		The Pas (3) Herb Lake (1) Churchill (1) Camperville (1) Thompson (2) Brochet (1)
Education				1	1		
Science		0	1	0			
Arts Social Work Education Science Law Phys. Ed. Agriculture Fine Arts Engineering Home Ec. Nursing Pre-Med	University of Manitoba	4*	16 8 3 0 2 2 2 1 0 1 2	4	2 1		Garden Hill (1) Ste Rose du Lac (2) Thompson (6) The Pas (4) Peguis (1) Crane River (1) Churchill (2) Norway House (1) Brokenhead (1) Traverse Bay (1) Duck Bay (1) Tadoule Lake (1)

PROGRAM 3 MANPOWER DEVELOPMENT SERVICES

The Manpower Development Services program supports four projects with the objective to provide residents of remote northern communities with employment-related services and post-secondary educational activities which will increase their participation in economic development within their community and in the region.

The Canada Employment and Immigration Commission funds and delivers two projects, OUTREACH and LEAP. The Department of Indian Affairs and Northern Development funds and delivers an additional two projects which are related to the provision of employment and training assistance to Status Indian people. These projects are Indian Professional Development and Indian Training For Employment Skills.

Project 1 OUTREACH

In 1978/79, there was an OUTREACH expenditure of \$498,632 for 15 projects employing 27 staff members.

The OUTREACH objective under the Northlands Agreement remains as follows:

"To extend employment services and information to residents of remote northern Manitoba communities for purposes of increasing their employment prospects and to develop and provide, through community-based projects, employment-related services to those areas or groups who do not for any number of reasons utilize Manpower services."

The specific objectives for projects are basically to:

- provide local placement service
- provide an extension of Canada Employment Centre services, e.g. employment, training, mobility, special programs, etc.
- refer to the CED Counsellor any cases requiring counselling beyond the scope of the OUTREACH Counsellor's responsibility

- assist Unemployment Insurance applicants and claimants with benefit claims
- work closely with Federal, Provincial and local agencies within agreed-upon areas.

During 1978/79, some of the more significant activities involved increased emphasis in identifying community and individual needs, in the preparation of community and labour market profiles, in greater thrusts with employers, and in the identification of training needs as reflected in more community-based training courses and referrals to community colleges for skills training. Greater efforts were made in ensuring that Federal and Provincial public and private agencies were able to establish closer linkages as well as more effective referral processes. There was also increased emphasis in providing clientele with services related to Unemployment Insurance.

A significant number of OUTREACH workers have gained increased knowledge and experience in the delivery of Commission programs and services because they have been employed for a continuous period of two - three years.

There is an ongoing communication with various community associations and other organizations and these groups have taken a more active role in the sponsorship of projects. An example of this has been the amalgamation of projects in The Pas area where various groups such as the Swampy Cree Tribal Council and the Manitoba Metis Federation are represented on the project board. In addition, OUTREACH Review Boards have been established to assess projects on an annual basis and to provide future planning to meet OUTREACH commitments under the Northlands Agreement.

<u>MANPOWER DEVELOPMENT SERVICES/OUTREACH STATISTICS FOR 1978/79</u>	
SOURCE PROVIDED (from 14 OUTREACH Projects)	NUMBER OF PERSONS*
New Clients Registered	4,253
Clients Placed in Employment	2,367
Referred to Agencies	851
Referred to Employers	1,491
Referred to Canada Employment Centres	2,931
Placed in Canada Manpower Training Program (CMTP)	372
Placed in Canada Manpower Industrial Training Program (CMITP)	56
Placed in Canada Manpower Mobility Program (CMMP)	8

* Some persons included in this Table may be recorded, also, in Table B.4 for Regional Services Programming on page

TABLE B. 14
NORTHLANDS OUTREACH PROGRAM 1978/79

OUTREACH PROJECT	ADDRESS	CONTACT	COMMUNITIES SERVED	EXPEND-ITURE \$	STAFF	CEC AREA
Split Lake	Split Lake, Man. ROB IPO	N. Flett	Split Lake York Landing	34,499	2	Thompson
Northwest Interlake	St. Martin, Man.	N. Sinclair	Fairford, Little Sask., Lake St. Martin, Dauphin River, Anama Bay, St. Martin, Gypsumville	27,872	2	Selkirk Gimli
Cranberry Portage	Box 269, Cranberry Portage, Man. ROB DHO	M. Fosseneuve	Sherridon Cranberry Portage	19,369	1	Flin Flon
Pukatawagan	Pukatawagan, Man. RoB 1G0	A. Dumas	Pukatawagan Granville Lake	6,520	1	Flin Flon
Employment Development Co-ordinator	Man. Metis Federation, 300-275 Portage Ave., Winnipeg, Man. R3B 2B3	A. Spence	Manitoba Metis Federation Communities	48,445	1	All Manitoba CEC's
Kn-Anicinabek	Scanterbury, Man.	J. Longbottom	Libau, Poplar Park, Scanterbury, Stony Pt., Balsom Bay, Beaconia, Grand Marais, Grand Beach, Jackfish Lake, Belair, Hillside Beach, Traverse Bay, Victoria Beach, Stead, Gull Lake Thalberg, Pine Falls, Powerview, St. George, Great Falls, Silver Falls	27,841	2	Selkirk

Continued ...

TABLE B. 14 Cont'd
NORTHLANDS OUTREACH PROGRAM 1978/79

OUTREACH PROJECT	ADDRESS	CONTACT	COMMUNITIES SERVED	EXPENDITURE \$	STAFF	CEC AREA
Parkland Pathfinders	137-1st Ave., S.W., 2nd Floor, Dauphin, Man. R7N 1S1	L. Morrisseau	Duck Bay, Ebb & Flow, Camperville, Eddystone, Pine Creek, Bacon Ridge, Valley River, Meadow, Winnipegosis, Portage, Waterhen, Roblin, Skownan, Grandview, Crane River, Gilbert Plains, Mallard, Toutes Aides, Ste. Rose, Dauphin, Cayer, Salt Pt. Boggy Creek, San Clara, Pine River	43,617	2	Dauphin
Cross Lake	Cross Lake, Man. ROB 0J0	W. Halcrow	Cross Lake	4,959	1	Thompson
Nelson House	Nelson House, Man.	F. Spence	Nelson House	17,553	1	Thompson
Peguis	Box 219, Hodgson, Man.	J. Cochrane	Peguis Indian Reserve, Red Rose, Hodgson, Harwell	24,029	2	Gimli, Selkirk
Ste. Theresa Point	Ste. Theresa Point, Man.	J. Flett	Ste. Theresa Point, Wasagaming	20,218	1	Thompson
Garden Hill	General Delivery, Garden Hill, Island Lake, Man.	G. Munroe	Garden Hill, Stevenson Island, Red Sucker Lake	23,891	1	Thompson

Continued ...

TABLE B. 14 Cont'd

NORTHLANDS OUTREACH PROGRAM 1978/79

OUTREACH PROJECT	ADDRESS	CONTACT	COMMUNITIES SERVED	EXPENDITURE \$	STAFF	CEC AREA
The Pas	P. O. Box 660, The Pas, Man. R9A 1K7	P. Burrell	The Pas, The Pas Reserve, Moose Lake, Grand Rapids, Easterville, Mafeking, Pelican Rapids/Shoal River, Barrows, Red Deer Lake, Cormorant, National Mills, Dawson Bay, Umpherville, Big Eddy, Youngs Pt.	165,283	8	The Pas
Norway House	Box 247, Norway House, Man. ROB 1B0	W. Arthurson	Norway House Poplar River	19,336	1	Thompson
Anooke-Win	c/o General Delivery, Wanipigow P.O., Man.	B. Pebbles	Berens River, Bloodvein, Little Grand Rapids, Pauingassi	15,200	1	Selkirk
		TOTAL		498,632	27 Staff	

Project 2 Local Employment Assistance Program (LEAP)

The purpose of the Local Employment Assistance Program (LEAP) is to develop new ways of creating jobs for residents of Manitoba. This is achieved by developing self-supporting enterprises or by providing employment by assisting projects which generate motivation and the abilities to find, obtain and retain jobs in the labour market. LEAP projects are developed in consultation with a LEAP project officer and may be initiated by a wide range of sponsoring organizations, voluntary non-profit groups, citizens' organizations, community corporations, co-operatives, individuals or municipalities. Projects can be funded on a yearly basis at a maximum annual cost of \$250,000. However, selected projects may be supported for a research or development phase up to a maximum of six months before the initial period of operation is funded. The funds provided through a LEAP contract are normally used for wages (paid at local rates), employer contributions for employee benefits and reasonable administration overhead costs. Special costs, such as consultants, evaluation, training/counselling, may be authorized by the Canada Employment and Immigration Commission if they are essential to the success of the project, provided they do not exceed 20% of the basic budget. There are also provisions for capital costs allowed within the program which are \$2,500 per job created over the total life of the project.

A proportion of the funds available in LEAP have been set aside for the development and maintenance of projects for persons of native ancestry. In 1978/79, nine LEAP projects involved such persons within the Manitoba Northlands target group. Expenditures, supported 100% by the Canada Employment and Immigration Commission, were \$605,198. Details of these projects are presented in Table B. 15.

TABLE B. 15

LEAP PROGRAM PROGRESS SUMMARY 1978/79

PROJECT NAME	LOCATION	NATURE	PROGRESS TO MARCH 31/79	COMMITMENT \$			EXPEN-DITURE	JOBS	EMPLOY-MENT MAN WEEKS
				DEVELOP-MENT	OPERA-TIONAL	TOTAL			
Kistigan Enterprises	Thicket Portage	Market Garden Greenhouses	Full operation with intention of self-sufficiency to be reached by 31/7/80		64,082	64,082	45,359	7	192
Opasquia	The Pas	Duffel Parka Mfg.	Increase production of parkas of better quality; marketing strategy developed; should be self-sufficient by 30/12/79		161,385	161,385	80,917	11	553
Sagkeeng Furniture & Millwork	Ft. Alexander	Woodworking Enterprise on the Reserve	Operation in full production; marketing strategy having good results		185,119	185,119	180,392	12	791
White Buffalo Ent. Ltd.	Camperville	Worker-owned; self-supporting wood-producing industry	Inventory of products well established. Increased sales to be emphasized to realize goal of self-sufficiency		125,486	125,486	136,230	13	696
Brochet Radio Stn.	Brochet	Training of Broadcast Journalists	Radio station operating on a volunteer basis with assistance from Native Communications Inc. LEAP contract not renewed based on failure to meet LEAP objectives		44,165	44,165	10,411	6	183
Breadtik Connik	Cross Lake	Bakery implementation & production	Bakery continues to produce pastry and bread products; increased production levels require improved financial management	2,208	68,190	70,398	63,025	5	250

Continued ...

TABLE B. 15 Cont'd
LEAP PROGRAM PROGRESS SUMMARY 1978/79

PROJECT NAME	LOCATION	NATURE	PROGRESS TO MARCH 31/79	COMMITMENT \$			EXPEN-DITURE	JOBS	EMPLOY-MENT MAN WEEKS
				DEVELOP-MENT	OPERA-TIONAL	TOTAL			
Duck Bay Hardwood Ent.	Duck Bay	To develop a firewood producing industry	Production of firewood continuing; problem area in sales identified; self-sufficiency contingent upon level of sales.		30,600	30,600	28,006	7	154
S. Indian Lake Toboggan Plant	South Indian L.	To establish a toboggan and wood-working plant	Project commenced developmental phase March 5/79	15,290	-	15,290	10,802	3	54
Vogar Products	Vogar	To establish a quilt-making business in Vogar	Year I of LEAP operational phase; production of hand-sewn quilts continuing; production progressing well; main problems in area of marketing and sales	29,352	40,711	70,063	50,056	10	560
			TOTALS	46,850	719,738	766,588	605,198	74	3,433

Project 3 Indian Professional Development

The objective of this project, totally funded and implemented by the Department of Indian Affairs and Northern Development (DIAND), is to provide assistance to Treaty Indian people to increase their participation in professional, para-professional, technical and administrative jobs, in the form of post-secondary education and related support services.

During 1978-79 total DIAND expenditures for Indian Professional Development were \$964,742. These expenditures reflect both changes in emphasis and budgetary restraints. The assistance was provided through the following nine component activities:

Activity 1 Support to Regular University Training

This activity enables Treaty Indian students to pursue required training for professional employment opportunities by supporting students enrolled at the University of Manitoba, the University of Winnipeg, Brandon University, or an approved university outside the Province of Manitoba. Support is provided in the form of tuition fees, books, travel costs, living allowances, counselling services and special needs as required to students registered in faculties or schools which award a degree, certificate, diploma or other professional standing.

During 1978-79 a total of 123 students were enrolled in this activity with a DIAND expenditure of \$415,305. Of the 123 students, 107 are continuing, 12 have discontinued and 4 are graduates. Table B 16 displays activity during the year.

INDIAN PROFESSIONAL DEVELOPMENT

SUPPORT TO REGULAR UNIVERSITY TRAINING - 1978-79

COMMUNITY	NO. OF STUDENTS	UNIVERSITY	FACULTY & NO. OF STUDENTS ENROLLED	EXPENDITURES \$			
				CONTINUING	DIS-CONTINUED	GRADUATE	
Berens River	3	2 - N. Dakota 1 - Bemiji State	1 - Education 2 - Grad. Studies		1	2	7,687
Bloodvein	2	2 - Manitoba	2 - Arts	2			6,570
Cross Lake	8	7 - Brandon 1 - Winnipeg	2 - Arts 1 - Gen. Studies 5 - Education	8			24,321
Dauphin River	1	1 - Brandon	1 - Arts		1		416
Easterville	2	2 - Brandon	1 - Gen. Studies 1 - Education	2			4,822
Fairford	4	2 - Manitoba 1 - Brandon 1 - Sask. Ind. Cult. College	2 - Science 1 - Education 1 - Social Work	4			14,226
Fisher River	9	4 - Brandon 2 - Manitoba 2 - Winnipeg 1 - Camoson College	4 - Arts 1 - Science 4 - Education	9			29,103

Continued ...

SUPPORT TO REGULAR UNIVERSITY TRAINING - 1978-79

COMMUNITY	NO. OF STUDENTS	UNIVERSITY	FACULTY & NO. OF STUDENTS ENROLLED				
				CONTINUING	DIS-CONTINUED	GRADUATE	EXPENDITURES \$
Fox Lake	3	1 - Manitoba 2 - Brandon	3 - Arts	3			14,779
Garden Hill	15	4 - Manitoba 6 - Brandon 4 - Winnipeg 1 - Waterloo	7 - Arts 6 - Education 1 - Social Work 1 - Grad. Studies	11	3	1	42,203
God's Lake Narrows	1	1 - Sask. Ind. Cult. College	1 - Social Work	1			9,785
Grand Rapids	2	2 - Brandon	1 - Arts 1 - Education	2			5,140
Lake St. Martin	2	1 - Manitoba 1 - Winnipeg	2 - Arts	2			4,124
Moose Lake	1	1 - Brandon	1 - Education	1			885
Nelson House	8	5 - Brandon 1 - Manitoba 1 - Sask. Ind. Cult. College 1 - Keewatin Bible College	2 - Arts 3 - Gen. Studies 2 - Education 1 - Social Work	8			34,921

Continued ...

INDIAN PROFESSIONAL DEVELOPMENT

SUPPORT TO REGULAR UNIVERSITY TRAINING - 1978-79

COMMUNITY	NO. OF STUDENTS	UNIVERSITY	FACULTY & NO. OF STUDENTS ENROLLED				
				CONTINUING	DIS-CONTINUED	GRADUATE	EXPENDITURES \$
Lac Brochet	1	1 - Manitoba	1 - Arts	1			3,878
Norway House	10	1 - Inter. U. of the North 5 - Brandon 1 - Regina 1 - Winnipeg 1 - Manitoba 1 - Sask. Ind. Cult. College	2 - Arts 1 - Science 1 - Gen. Studies 5 - Education 1 - Social Work	9	1		40,608
Peguis*	15	Various - 15	Various - 15	15			52,020
Pine Creek	2	1 - Brandon 1 - Blue Quill College	1 - Arts 1 - Social Work	2			8,565
Red Sucker Lake	2	2 - Brandon	1 - Arts 1 - Education	2			5,268
Shoal River	1	1 - Manitoba	1 - Arts	1			5,482

* Peguis Indian Band administers training program

Continued ...

SUPPORT TO REGULAR UNIVERSITY TRAINING - 1978-79

COMMUNITY	NO. OF STUDENTS	UNIVERSITY	FACULTY & NO. OF STUDENTS ENROLLED	EXPENDITURES \$			
				CONTINUING	DIS-CONTINUED	GRADUATE	
Split Lake	6	3 - Manitoba 1 - Brandon 1 - Regina 1 - Winnipeg	4 - Arts 1 - Gen. Studies 1 - Education	5	1		24,227
St. Theresa Point	12	2 - Brandon 6 - Winnipeg 3 - Manitoba 1 - Wpg. Centre Project	7 - Arts 1 - Commerce 4 - Education	9	3		45,056
Tadoule Lake	2	2 - Brandon	1 - Arts 1 - Education	2			3,747
The Pas	8	1 - Winnipeg 2 - N. Dakota 4 - Brandon 1 - Manitoba	6 - Arts 2 - Education	6	1	1	21,819
Wasagamack	2	1 - Manitoba 1 - Winnipeg	2 - Education	1	1		4,579
Waterhen	1	1 - Brandon	1 - Arts	1			1,074
TOTALS	123			107	12	4	415,305

Activity 2 Support to BUNTEP - Facilities
 (Brandon University Northern Teacher Education Program)

BUNTEP is an off-campus teacher-training program implemented by the Manitoba Department of Education, Special Projects Branch. It is a three-year program which leads to an elementary teaching certificate. DIAND assists the program by providing classroom facilities or other suitable instructional areas to those centres which are located on Indian Reserve communities.

In 1978/79, six communities received DIAND support in the amount of \$29,825.00.

Table B. 17 displays activity during the year.

TABLE B. 17
INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO BUNTEP FACILITIES 1978/79

COMMUNITY	EXPENDITURE \$
Cross Lake	2,000
Fairford	22,000
Garden Hill	1,500
Oxford House	1,500
Peguis	2,000
Split Lake	825
TOTAL	\$29,825

TABLE B.18INDIAN PROFESSIONAL DEVELOPMENTSUPPORT TO IMPACTE - 1978-79

COMMUNITY	NO. OF STUDENTS	EXPENDITURE - \$
Cross Lake	2	5,456
Grand Rapids	2	5,454
Lake St. Martin	1	2,727
Nelson House	1	2,727
Pine Creek	1	2,727
Pukatawagan	1	2,727
Red Sucker Lake	1	2,728
Shoal River	1	2,727
St. Theresa Point	1	2,727
TOTAL	11 *	30,000

* Status - All students in this activity are transitional to Regular University Program.

Activity 4 Support to CORE

CORE is a special native students' program operated by Brandon University based on a recognition that students may require a period of preparation to improve their ability to pursue regular university activities. Applicants for this program are enrolled on the basis of the special native students' program selection criteria. During the twelve-month program involving credit and non-credit courses, CORE provides the students with an opportunity to assess their interests and aptitudes for various fields of further study. Upon completion, students may then choose to enroll in faculty studies offered at the Universities of Brandon, Manitoba and Winnipeg as regular native students with DIAND support, DIAND support funding for CORE may include tuition, books, supplies, travel assistance, living and other allowances, housing assistance, counselling services and special needs as required.

During 1978-79, DIAND expenditures were \$14,000, and ten students from northern reserves were enrolled in this activity. These costs reflect the fact that CORE was being phased out, with all those currently enrolled transferring into the regular university program.

Table B.19 displays activity during the year.

TABLE B.19INDIAN PROFESSIONAL DEVELOPMENTSUPPORT TO CORE - 1978-79

COMMUNITY	NO. OF STUDENTS	EXPENDITURE - \$
God's Lake Narrows	1	1,400
Grand Rapids	1	1,400
Nelson House	4	5,600
Red Sucker Lake	1	1,400
St. Theresa Point	1	1,400
Split Lake	1	1,400
Waterhen	1	1,400
TOTAL	10 *	14,000

* Status - All students in this activity are transitional to Regular University Program

Activity 5 Support to PENT
 (Project for Education of Native Teachers)

DIAND and the Province of Manitoba employ para-professionals within their school systems. These para-professionals, as teacher aides, are provided with an opportunity to further their education through the PENT program held on campus at Brandon University. Teacher-aides of Treaty Indian status are sponsored by DIAND for five spring and summer sessions (May through August) at Brandon University leading to elementary school teacher certificates. Those graduating are employed at an initial salary above the normal intake level based upon the number of years' experience gained as a teacher's aide.

During 1978-79, DIAND expenditures for this activity were \$114,771. with 41 students from northern reserves enrolled.

Table B.20 displays activity during the year.

TABLE B.20
INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO PENT - 1978-79

COMMUNITY	NO. OF STUDENTS	EXPENDITURE
BERENS RIVER	3	8,912
CROSS LAKE	4	11,252
FAIRFORD	4	11,350
FISHER RIVER	1	2,720
FOX LAKE	1	3,426
GARDEN HILL	1	2,926
GOD'S LAKE	1	2,906
GOD'S RIVER	1	2,836
GRAND RAPIDS	1	2,494
HOLLOW WATER	1	2,456
LAKE ST. MARTIN	1	2,836
LITTLE BLACK RIVER	1	2,353
LITTLE GRAND RAPIDS	1	2,596
NELSON HOUSE	1	2,870
NORWAY HOUSE	8	22,168
POPLAR RIVER	1	2,914
PUKATAWAGAN	1	2,598
RED SUCKER LAKE	1	2,798
ST. THERESA POINT	4	11,472
WASAGAMACK	2	5,624
WATERHEN	1	2,456
YORK LANDING	1	2,808
TOTAL	41 *	114,771

* Status - All students in this activity are continuing.

Activity 6 Support to Community College Training

This training activity enables Treaty Indian students to acquire specialized skills required for gainful employment in a wide range of occupations. The activity provides support to students attending community colleges both within and outside Manitoba. As well, support may be provided for attendance in private colleges and in commercial training centres where approved courses of specialized skills at a post-secondary level are offered. It is to be noted that this activity may include additional support to students taking courses of less than 52 weeks' duration who are sponsored by Canada Manpower.

DIAND support relates to attendance in such courses as the technologies; trades and technical area; secretarial, nursing, and other social sciences; business administration; vocational education teacher training; and those others within the curricula of colleges and/or training centres. As well, support may be provided to commercial pilot training.

Financial support to students may include tuition, books, travel and other allowances, supplies, counselling services and special needs as required.

During 1978-79, DIAND expenditures for this activity were \$193,426. with a total of 56 students from northern reserves enrolled. Of the 56 students, 46 are continuing, 5 have discontinued and 5 have graduated. Table B.21 displays activity during the year.

TABLE B.21

INDIAN PROFESSIONAL DEVELOPMENT

SUPPORT TO COMMUNITY COLLEGE TRAINING - 1978-79

Community	No. of Students	Faculty & No. of Students Enrolled	Continuing	Discontinued	Graduate	\$ Expenditure
BERENS RIVER	1	1 - Commer. Art		1		1,029
CROSS LAKE	2	1 - Nursing 1 - Dental Therapy	2			8,600
EASTERVILLE	1	1 - Secretarial		1		1,320
FAIRFORD	2	1 - Typing 1 - Academic Upgrading	1	1		4,144
FISHER RIVER	5	1 - Electrical 1 - Hairdressing 1 - Accounting 1 - Service Tech. 1 - Dental Asst.	5			10,638
GARDEN HILL	2	1 - Typing 1 - Accounting	2			173
GOD'S LAKE NARROWS	3	1 - Bus. Admin. 1 - Nursing 1 - Dental Therapy			3	10,701
HOLLOW WATER	1	1 - Typing		1		342

Continued

TABLE B.21 (continued)

INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO COMMUNITY COLLEGE TRAINING - 1978-79

Community	No. of Students	Faculty & No. of Students Enrolled	Continuing	Discontinued	Graduate	\$ Expenditure
JACKHEAD	1	1 - Nursing	1			4,242
NORWAY HOUSE	1	1 - Comm. Pilot			1	1,076
PEGUIS*	29	Various	29			121,381
PINE CREEK	1	1 - Secretarial	1			345
PUKATAWAGAN	1	1 - Carpentry	1			3,926
ST. THERESA POINT	2	1 - Bus. Admin. 1 - Dental Therapy	1	1		13,682
THE PAS	2	2 - Typing	2			3,410
WASAGAMACK	2	1 - Typing 1 - Nursing	1		1	8,417
TOTAL	56	Various	46	5	5	193,426

* Peguis Indian Band administers training program

Activity 7 Support to Band Staff Training

The intent of this activity is the acquisition of skills required by Indian people who are elected to office as Band Chiefs and Councillors, and by those who are hired as support staff by Band Councils. Such training is in support of those public skills which are required for effective Band management and local government development. As well, the activity supports the personal and career development skills of the people involved, thus enhancing their future employment opportunities.

DIAND supports Treaty Indian trainees enrolled in the following courses:

- 1) Courses jointly developed by DIAND and Oo-Za-We-Kwun Centre (Rivers) such as the Basic Management Training Program, the Band Management/Administration Training Program, Orientation to Band Government, and Management Training Program Development; and skill courses, modular in structure, which relate to accounting, secretarial sciences, and economic development.
- 2) Courses developed by the Prince Albert Centre for Training and Research Development and tailored to meet respective community needs.
- 3) Law enforcement training within the Band Council Police Training Program, and the Reserve Constable Training Program.
- 4) Welfare administration and related social education courses that may be offered through the School of Social Work, University of Manitoba, and/or by other instructional resource means (i.e. by private contract; DIAND staff).

DIAND funds may be provided for training facilitators, honouraria fees, course development, course equipment and supplies, tuition fees, books, housing accommodation, travel and other allowances, and other requirements consistent with the objectives of the activity.

During 1978-79, DIAND expenditures for this activity were \$93,686. with 243 participants for a total of 3,630 training days. Table B.22 displays activity during the year.

INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO BAND STAFF TRAINING - 1978-79

COMMUNITY	NO. OF PERSONS	COURSES/PERSONS ENROLLED	EXPENDITURE \$
BROCHET	2	Social Development - 2	1,002
BERENS RIVER	3	B.E.D.C. Training - 1 Social Development - 2	3,616
BLOODVEIN	2	Social Development - 2	600
CRANE RIVER	13	Education Officer - 1 Band Management - 9 Social Development - 1 Housing Training - 2	4,008
CROSS LAKE	4	Social Development - 4	1,198
DAUPHIN RIVER	1	Social Development - 1	
EASTERVILLE	3	Education Counsellor - 1 Social Development - 1 Band Management - 1	811
FAIRFORD	4	Band Constable - 1 Social Development - 1 B.E.D.C. Training - 2	2,832
FISHER RIVER	1	Social Development - 1	600
FOX LAKE	3	Social Development - 2 Project Management - 1	2,147
GARDEN HILL	3	Social Development - 3	1,300
GODS LAKE NARROWS	9	Social Development - 1 Local Government - 8	1,825

CONTINUED

INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO BAND STAFF TRAINING - 1978-79

COMMUNITY	NO. OF PERSONS	COURSES/PERSONS ENROLLED	EXPENDITURE \$
GRAND RAPIDS	23	Social Development - 2 Band Management - 5 Project Management - 1 Board of Director - 10 Education Counsellor - 2 Electoral Process - 2 B.E.D.C. Training - 1	7,518
HOLLOW WATER	21	Social Development - 2 Band Management - 1 Local Government - 16 Project Management - 2	3,962
LAKE ST. MARTIN	2	Social Development - 1 Band Management - 1	950
LITTLE BLACK RIVER	16	Social Development - 1 Band Management - 2 Band Council Econ. Dev. - 7 Local Government - 6	3,605
LITTLE SASKATCHEWAN	2	Social Development - 1 Project Management - 1	1,298
MOOSE LAKE	7	Social Development - 1 Band Management - 2 Lands Training - 1 Election Procedure - 2 Educ. Counsellor - 1	2,233
NELSON HOUSE	3	Social Development - 2 B.E.D.C. Training - 1	2,888
LAC BROCHET	2	Social Development - 2	500
NORWAY HOUSE	3	Social Development - 3	900

CONTINUED

INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO BAND STAFF TRAINING - 1978-79

COMMUNITY	NO. OF PERSONS	COURSES/PERSONS ENROLLED	EXPENDITURE \$
OXFORD HOUSE	3	Social Development - 1 Band Constable - 2	1,000
PEGUIS	32	Social Development - 1 B.E.D.C. Training - 1 Band Administration - 30	8,740
PINE CREEK	3	Social Development - 1 B.E.D.C. Training - 1 Basic Management - 1	4,343
POPLAR RIVER	18	Social Development - 1 B.E.D.C. Training - 1 Local Govt. Training - 16	5,524
PUKATAWAGAN	2	Social Development - 2	1,000
RED SUCKER LAKE	4	Social Development - 1 Band Management - 3	1,552
SHAMATTAWA	3	B.E.D.C. Training - 1 Band Constable - 2	6,077
SHOAL RIVER	16	Social Development - 1 Band Management - 3 B.E.D.C. Training - 1 Project Management - 1 Local Government - 10	6,135
SPLIT LAKE	4	Social Development - 2 Band Constable - 2	2,134
ST. THERESA POINT	13	Social Development - 2 Band Constable - 1 Local Government - 10	2,743

CONTINUED

INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO BAND STAFF TRAINING - 1978-79

COMMUNITY	NO. OF PERSONS	COURSES/PERSONS ENROLLED	EXPENDITURE \$
TADOULE LAKE	2	Social Development - 2	1,400
THE PAS	4	Social Development - 1 Band Management - 2 Lands Admin. - 1	1,906
WASAGAMACK	6	Social Development - 1 Local Government - 5	1,700
WATERHEN	4	Band Management - 2 Constable - 1 B.E.D.C. Training - 1	4,439
YORK LANDING	2	Social Development - 2	1,200
TOTAL	243		93,686

Activity 8 - Support to Community Educators Program

The Department of Indian Affairs provides continuing support to a Band Council employing a Community Educator who was trained originally through an arrangement with the Province of Manitoba. Currently there are three such educators being supported. The central function of a Community Educator is to provide direct counselling services to those persons on a Reserve requiring assistance relating to post-secondary education, skills training programs, career orientation and development, and to other matters which deal with a support system for ongoing education.

DIAND support may include wages of the Community Educator, office space, telephone, travel allowance, and other required needs.

During 1978-79, DIAND expenditures for this activity were \$45,000. Three community educators were employed as shown in Table B.23.

As community education counsellors are developed as Education Officers following completion of Community Counsellor Training Programs, this activity is being phased out. The gradual phase-out will be completed by the 1981-82 fiscal year.

TABLE B. 23
INDIAN PROFESSIONAL DEVELOPMENT
SUPPORT TO COMMUNITY EDUCATORS - 1978/79

COMMUNITY	NO. OF EDUCATORS	EXPENDITURE - \$
GARDEN HILL	1	15,000
NELSON HOUSE	1	15,000
ST. THERESA POINT	1	15,000
TOTAL	3	45,000

Activity 9 Support to Community Counsellor Training Program

The Community Counsellor Training Program enables Treaty Indian people who are Home/School Co-ordinators to pursue suitable training for future employment by the Band Councils as education officers or counsellors in Reserve communities. The training program includes attendance at the University of Manitoba for 45 weeks over a three-year period. The trainees, upon completion of the course, receive a certificate in Community Counselling. Credits provided in the course may be applied to degree programs.

DIAND financial support may include tuition fees, books, travel and other allowances, supplies, and special needs as required.

During 1978-79, DIAND expenditures for this activity were \$28,729. with twelve Home/School Co-ordinators enrolled in this program.

Table B.24 displays activity during the year.

TABLE B.24

INDIAN PROFESSIONAL DEVELOPMENTSUPPORT TO COUNSELLOR TRAINING - 1978-79

COMMUNITY	NO. OF STUDENTS	EXPENDITURE
BERENS RIVER	1	2,362
EASTERVILLE	1	2,282
FAIRFORD	1	2,335
FISHER RIVER	1	2,282
HOLLOW WATER	1	2,300
POPLAR RIVER	1	2,914
SHOAL RIVER	1	2,382
SPLIT LAKE	2	4,564
ST. THERESA POINT	1	2,250
THE PAS	1	2,250
YORK LANDING	1	2,808
TOTAL	12	28,729

INDIAN PROFESSIONAL DEVELOPMENT PROJECT SUMMARY
SUMMARY OF PARTICIPANTS BY COMMUNITY AND ACTIVITY - 1978-79

COMMUNITY	REGULAR UNIVERSITY	BUNTEP (FACILITIES)	IMPACTE	CORE	PENT	COMMUNITY COLLEGES	BAND STAFF	COMMUNITY EDUCATORS	COMMUNITY COUNSELLORS	TOTAL
BROCHET	-	-	-	-	-	-	2	-	-	2
BERENS RIVER	3	-	-	-	3	1	3	-	1	11
BLOODVEIN	2	-	-	-	-	-	2	-	-	4
CRANE RIVER	-	-	-	-	-	-	13	-	-	13
CROSS LAKE	8	*	2	-	4	2	4	-	-	20
DAUPHIN RIVER	1	-	-	-	-	-	1	-	-	2
EASTERVILLE	2	-	-	-	-	1	3	-	1	7
FAIRFORD	4	*	-	-	4	2	4	-	1	15
FISHER RIVER	9	-	-	-	1	5	1	-	1	17
FOX LAKE	3	-	-	-	1	-	3	-	-	7
GARDEN HILL	15	*	-	-	1	2	3	1	-	22
GODS LAKE NARROWS	1	-	-	1	1	3	9	-	-	15
GODS RIVER	-	-	-	-	1	-	-	-	-	1
GRAND RAPIDS	2	-	2	1	1	-	23	-	-	29

INDIAN PROFESSIONAL DEVELOPMENT PROJECT SUMMARY

SUMMARY OF PARTICIPANTS BY COMMUNITY AND ACTIVITY - 1978-79

COMMUNITY	REGULAR UNIVERSITY	BUNTEP (FACILITIES)	IMPACTE	CORE	PENT	COMMUNITY COLLEGES	BAND STAFF	COMMUNITY EDUCATORS	COMMUNITY COUNSELLOR	TOTAL
HOLLOW WATER	-	-	-	-	1	1	21	-	1	24
JACKHEAD	-	-	-	-	-	1	-	-	-	1
LAKE ST. MARTIN	2	-	1	-	1	-	2	-	-	6
LITTLE BLACK RIVER	-	-	-	-	1	-	16	-	-	17
LITTLE GRAND RAPIDS	-	-	-	-	1	-	-	-	-	1
LITTLE SASKATCHEWAN	-	-	-	-	-	-	2	-	-	2
MOOSE LAKE	1	-	-	-	-	-	7	-	-	8
NELSON HOUSE	8	-	1	4	1	-	3	1	-	18
LAC BROCHET	1	-	-	-	-	-	2	-	-	3
NORWAY HOUSE	10	-	-	-	8	1	3	-	-	31
OXFORD HOUSE	-	*	-	-	-	-	3	-	-	3
PEGUIS	15	*	-	-	-	29	32	-	-	76
PINE CREEK	2	-	1	-	-	1	3	-	-	7
POPLAR RIVER	-	-	-	-	1	-	18	-	1	20
PUKATAWAGAN	-	-	1	-	1	1	2	-	-	5

INDIAN PROFESSIONAL DEVELOPMENT PROJECT SUMMARY

SUMMARY OF PARTICIPANTS BY COMMUNITY AND ACTIVITY - 1978-79

COMMUNITY	REGULAR UNIVERSITY	BUNTEP (FACILITIES)	IMPACTE	CORE	PENT	COMMUNITY COLLEGES	BAND STAFF	COMMUNITY EDUCATORS	COMMUNITY COUNSELLOR	TOTAL
RED SUCKER LAKE	2	-	1	1	1	-	4	-	-	9
SHAMATTAWA	-	-	-	-	-	-	3	-	-	3
SHOAL RIVER	1	-	1	-	-	-	16	-	1	19
SPLIT LAKE	6	*	-	1	-	-	4	-	2	13
ST. THERESA POINT	12	-	1	1	4	2	13	1	1	35
TADOULE LAKE	2	-	-	-	-	-	2	-	-	4
THE PAS	8	-	-	-	-	2	4	-	1	15
WASAGAMACK	2	-	-	-	2	2	6	-	-	12
WATERHEN	1	-	-	1	1	-	4	-	-	7
YORK LANDING	-	-	-	-	1	-	2	-	1	4
TOTAL	123	6	11	10	41	56	243	3	12	504
EXPENDITURES-\$(000's)	415.3	29.8	30.0	14.0	114.7	193.4	93.7	45.0	28.7	964.7

* Location of BUNTEP Centre

Project 4 Indian Training for Employment Skills (ITES)

The objective of Indian Training for Employment Skills, totally funded and implemented by the Department of Indian Affairs and Northern Development, is to increase the participation of northern Treaty Indian people in the labour force, in both remote and urban centres, by providing opportunities for access and participation in economic development activities, and extending those services which support employment prospects.

During 1978-79, total DIAND expenditures for ITES, were \$307,189. These expenditures reflect both changes in emphasis and budgetary restraints. The assistance was provided through the following four component activities:

Activity 1 Support to Summer Student Employment

This activity enables Treaty Indian youth to obtain, in a wage economy, work experience which may be of assistance in obtaining future employment.

Funds are provided to northern communities for local employment projects which employ school students during the months of July and August. The projects are of two general types:

- a) Work activity projects developed and administered by Band Councils.
- b) Work activity projects developed and administered by the participating students.

DIAND support funding includes the wages of those students employed on the projects and of those students employed as area co-ordinators for the projects.

During 1978-79, DIAND expenditures for this activity were \$276,545. with a total of 283 students from northern reserves participating, creating 2271 man weeks of employment.

Table B.26 displays activity during the year.

TRAINING FOR EMPLOYMENT SKILLS

SUPPORT TO STUDENT SUMMER EMPLOYMENT - 1978-79

COMMUNITY	NO. OF STUDENTS	MAN WEEKS EMPLOYMENT	EXPENDITURE \$
BLOODVEIN	13	59	7,212
DAUPHIN RIVER	4	18	2,200
EASTERVILLE	6	43	5,297
FAIRFORD	10	83	10,122
FISHER RIVER	40	133	16,166
FOX LAKE	8	40	4,925
GARDEN HILL	10	183	22,291
GOD'S LAKE	9	126	15,384
GOD'S RIVER	4	37	4,526
JACKHEAD	15	34	4,123
LAKE ST. MARTIN	9	78	9,547
LITTLE BLACK RIVER	5	31	3,786
LITTLE GRAND RAPIDS	13	97	11,840
LITTLE SASKATCHEWAN	10	53	6,429
LAC BROCHET	8	65	7,919
OXFORD HOUSE	6	101	12,373
PEGUIS	25	300	36,602
PINE CREEK	17	96	11,218
POPLAR RIVER	7	63	7,697
PUKATAWAGAN	10	139	16,962
RED SUCKER LAKE	5	34	4,196
SHAMATTAWA	5	60	7,335
SPLIT LAKE	13	140	17,044
ST. THERESA POINT	17	149	18,139
WASAGAMACK	7	61	7,409
YORK LANDING	7	48	5,803
TOTAL	283	2271	276,545

Activity 2 Support to Employment Placement

The Department of Indian Affairs provides special assistance to the placement of Treaty Indian people into employment situations. Minimal funding is provided those persons who require quick assistance to begin or continue employment and only when such particular support cannot be obtained from the Canada Employment and Immigration Commission.

Clients in receipt of this support would be those unemployed who have a confirmed job opportunity and have an immediate requirement for tools, work clothing, travel allowance, etc. As well, support may be given students graduating or leaving school who require immediate assistance for employment placement.

During 1978-79, DIAND expenditures for this activity were \$188 with 2 persons from northern reserves receiving job placement assistance.

Table B.27 displays activity during the year.

TABLE B.27
INDIAN TRAINING FOR EMPLOYMENT SKILLS
SUPPORT TO EMPLOYMENT PLACEMENT - 1978-79

COMMUNITY	NO. OF PLACEMENTS	EXPENDITURE - \$
PINE CREEK	1	130
WATERHEN	1	58
TOTAL	2	188

Activity 3 Support to Training-on-the-Job

To increase the participation of Treaty Indians in the labour force, a number of persons are employed while training on-the-job. This not only increases the participation rate, but extends skills training on behalf of those who will seek permanent employment opportunities.

The Department of Indian Affairs financially supports Treaty Indians employed by federal government departments in certain training programs. This may include persons working for Parks Canada (as park attendants, game wardens) : for CEIC (as clerks, manpower counsellors) : for the Public Service Commission (as clerks) : and for DIAND (as program administrators, training facilitators, clerks).

Financial support includes a pro-rated salary equivalence during the required training period and may include support to special needs in training.

During 1978-79, budget restraints governed the nature of this activity and only 2 individuals from northern reserves were supported in this program. Expenditures were \$22,456.

Table B.28 displays activity during the year.

TABLE B. 28
INDIAN TRAINING FOR EMPLOYMENT SKILLS
SUPPORT TO TRAINING-ON-THE-JOB - 1978/79

COMMUNITY	NO. OF STUDENTS	TYPE OF TRAINING	LENGTH OF TRAINING (WEEKS)	DIAND EXPEND-ITURE	STATUS OF STUDENTS TRAINING
FAIRFORD	1	Program Administrator	50	13,056	Completed
THE PAS	1	Program Administrator	36	9,400	Completed
TOTAL	2		86	22,456	

Activity 4 Support to Relocation Programs

To support increased employment opportunities for Treaty Indians, the Department of Indian Affairs provides supplementary assistance to those engaged in mobility or relocation programs.

The Selkirk Furniture Plant, operated by the Province of Manitoba, offers a training/work activity relocation program. For those selected for participation and who are in receipt of basic financial support from CEIC, DIAND may give supplementary assistance to meet the special adjustment needs of some workers. Similarly, such assistance may be given persons engaged in the Tawow Project at Leaf Rapids respecting employment with Sherritt-Gordon mining operations.

DIAND funds may include support for community liaison, home counselling, housing assistance, recreational activities and other special needs deemed necessary.

During 1978-79, eight persons from northern reserves received a supplementary relocation grant of \$1,000 each for a total DIAND expenditure of \$8,000.

Table B.29 displays activity during the year.

TABLE B. 29

INDIAN TRAINING FOR EMPLOYMENT SKILLSSUPPORT TO RELOCATION PROGRAM - 1978/79

COMMUNITY	NO. OF PERSONS	LOCATION	EXPENDITURE \$
Brochet	1	Tawow (Leaf Rapids)	1,000
Cross Lake	1	Tawow (Leaf Rapids)	1,000
Fairford	2	Selkirk Furniture	2,000
Lake St. Martin	1	Selkirk Furniture	1,000
Nelson House	1	Tawow (Leaf Rapids)	1,000
Pequis	1	Selkirk Furniture	1,000
St. Theresa Point	1	Tawow (Leaf Rapids)	1,000
TOTAL	8		8,000

TABLE B. 30

INDIAN TRAINING FOR EMPLOYMENT SKILLS PROJECT SUMMARY
SUMMARY OF PARTICIPANTS BY COMMUNITY BY ACTIVITY - 1978-79

COMMUNITY	STUDENT SUMMER EMPLOYMENT	EMPLOYMENT PLACEMENT	TRAINING ON THE JOB	RELOCATION PROGRAMS	TOTAL
BROCHET	-	-	-	1	1
BLOODVEIN	13	-	-	-	13
CROSS LAKE	-	-	-	1	1
DAUPHIN RIVER	4	-	-	-	4
EASTERVILLE	6	-	-	-	6
FAIRFORD	10	-	1	2	13
FISHER RIVER	40	-	-	-	40
FOX LAKE	8	-	-	-	8
GARDEN HILL	10	-	-	-	10
GOD'S LAKE	9	-	-	-	9
GOD'S RIVER	4	-	-	-	4
JACKHEAD	15	-	-	-	15

Continued ...

TABLE B. 30 Cont'd

INDIAN TRAINING FOR EMPLOYMENT SKILLS PROJECT SUMMARY
SUMMARY OF PARTICIPANTS BY COMMUNITY BY ACTIVITY - 1978-79

COMMUNITY	STUDENT SUMMER EMPLOYMENT	EMPLOYMENT PLACEMENT	TRAINING ON THE JOB	RELOCATION PROGRAMS	TOTAL
LAKE ST. MARTIN	9	-	-	1	10
LITTLE BLACK RIVER	5	-	-	-	5
LITTLE GRAND RAPIDS	13	-	-	-	13
LITTLE SASKATCHEWAN	10	-	-	-	10
NELSON HOUSE	-	-	-	1	1
LAC BROCHET	8	-	-	-	8
OXFORD HOUSE	6	-	-	-	6
PEGUIS	25	-	-	1	26
PINE CREEK	17	1	-	-	18
POPLAR RIVER	7	-	-	-	7
PUKATAWAGAN	10	-	-	-	10
RED SUCKER LAKE	5	-	-	-	5

Continued ...

TABLE B. 30 Cont'd

INDIAN TRAINING FOR EMPLOYMENT SKILLS PROJECT SUMMARY
SUMMARY OF PARTICIPANTS BY COMMUNITY BY ACTIVITY - 1978-79

COMMUNITY	STUDENT SUMMER EMPLOYMENT	EMPLOYMENT PLACEMENT	TRAINING ON THE JOB	RELOCATION PROGRAMS	TOTAL
SHAMATTAWA	5	-	-	-	5
SPLIT LAKE	13	-	-	-	13
ST. THERESA POINT	17	-	-	1	18
THE PAS	-	-	1	-	1
WASAGAMACK	7	-	-	-	7
WATERHEN	-	1	-	-	1
YORK LANDING	7	-	-	-	7
TOTAL	283	2	2	8	295
EXPENDITURES	276,545	188	22,456	8,000	307,289

BACKGROUND TO PROGRAMS 4 AND 5

Programs 4 and 5 are both designed to support the expansion of community services in remote northern Manitoba communities. Two separate programs are required because of separate jurisdictional responsibilities.

Program 4, Northern Community Services, covers projects and activities in northern communities which are located on lands other than Indian Reserve lands and which fall under provincial jurisdiction. For this programming, DREE and Manitoba share costs on a 60/40 basis. Program 5, Indian Reserve Community Services, covers similar activities on northern Indian Reserve lands or those traditionally served by the federal Department of Indian Affairs and Northern Development (DIAND). Costs for this programming are shared 60/40 between DREE and DIAND. Although the programs are administered separately, they are similar in terms of content and direction.

PROGRAM 4 NORTHERN COMMUNITY SERVICES

This program consists of two projects, Community Infrastructure Support Services and Community Infrastructure Services. The former provides planning tools for use in future development, while the latter is concerned with actual delivery of facilities.

Project 1 Community Infrastructure Support Services

This project was designed to develop plans to assist community residents in the appropriate use of lands and other resources, and in the development of basic facilities. It consists of two activities.

Activity 1 Northern Community Planning

The intent of this activity is to assist remote communities with the preparation of comprehensive land use and sub-division development plans and maps for townsites and their immediate hinterland. A variety of cultural, physical and cadastral maps, also indicating property ownership, land use and residence are produced at a scale of 1:2000 to support community planning.

Northern Community Planning was implemented by the Manitoba Department of Municipal Affairs utilizing a staff of eight. Expenditures amounting to \$202,001 in 1978/79 were shared 60/40 between DREE and Manitoba.

Community Planning output for 1978/79 is shown in Tables B.31 and B.32. Table B.31 provides a summary of work undertaken by project type, i.e. comprehensive community planning, sub-division design and development, advisory planning, and sub-division review and approval, while Table B.32 presents a more detailed description of work undertaken for each project.

Tables B.33 and B.34 describe the survey plan updates and planimetric maps produced in 1978/79, while Table B.35 presents an inventory of all maps produced to date.

Activity 2 Geotechnical Land Use Studies

The Geotechnical Land use Studies activity assists in the development of remote northern communities by providing basic geotechnical information including:

- stratigraphy, soil condition, flood levels and development setback lines for use in community planning.
- evaluation of potential surface and ground water supplies.

ACTIVITY: NORTHERN COMMUNITY PLANNING 1978 / 79 TABLE B. 31 PAGE 102

KEY ○ DEFERRED		COMPREHENSIVE COMMUNITY PLANNING	SUBDIVISION DESIGN & DEVELOPMENT	ADVISORY PLANNING	SUBDIVISION REVIEW & APPROVAL
PROJECT					
NO.	COMMUNITY				
597	Aqaming			•	•
501	Anama Bay				
502	Atik				
503	Barrows		•		•
504	Berens River				•
505	Big Black River				
506	Bissett	•	•	•	•
507	Bloodvein				
508	Brochet				•
509	Camperville	○	•		•
510	Cormorant	○			•
512	Crane River		○	•	•
513	Cross Lake			•	•
514	Dallas				
586	Dawson Bay				
515	Duck Bay	○			
516	Easterville				
517	Fisher Bay		•		
518	Garden Hill (Island Lake)		•	•	
519	God's Lake				
520	God's Lake Narrows		•		•
521	God's River				
522	Granville Lake			•	
569	Harwell				
523	Herb Lake				
598	Hales Landing		○		
524	Homebrook				
525	Ilford				
526	Jackhead Harbour				
527	Jenpeg				
593	Lac Brochet				
583	Little Black River				
529	Little Grand Rapids				
530	Loon Straits			•	
531	Mallard				
528	Manibridge				
532	Manigotoan	○	•	•	•
533	Matheson Island				•
570	Islandview				
534	Meadow Portage				•
535	Moose Lake			•	
567	National Mills				
536	Nelson House				
537	Norway House	○	•	•	•
587	Notigi				
568	Overflowing River				
538	Oxford House				•
539	Paungassl				
540	Pelican Rapids				
541	Pikwitonei			•	
542	Pine Dock		•		
543	Poplar River				
544	Princess Harbour			•	
545	Pukatawagan				
546	Red Deer Lake				
588	Red Deer River				
547	Red Sucker Lake				•
548	Red Rose				
549	Root Lake				
550	Ste. Theresa Point				
551	Salt Point				
552	Shamattava				
553	Sherridon		•	•	•
554	Skownan				
555	South Indian Lake		•		•
556	Split Lake				
592	Tadoule Lake				
589	The Bluff				
557	Thicket Portage				•
558	Wabowden	•		•	
559	Wanipigow (Seymourville)		•		•
561	Warren Landing				
562	Waterhen				
563	Waasagomach				
564	Westgate				
565	York Factory				
566	York Landing				
	Ayres Cove				•
	Woods Creek			•	•

PROJECT COMMUNITY NO.		COMPREHENSIVE COMMUNITY PLANNING	SUBDIVISION DESIGN & DEVELOPMENT	ADVISORY PLANNING	SUBDIVISION REVIEW & APPROVAL
AGHANING	597			RECOMMENDATION RE: ACCESS ROAD FROM AGHANING TO THE PROVINCIAL ROAD	REQUEST FOR REMOVAL OF LANDS FROM WATER POWER RESERVE RE: REGISTERED PLAN OF SUBDIVISION (TOWNSITE)
BARRIMS	503		PLAN OF SUBDIVISION PREPARED FOR PART OF LOT 8, PLAN NO. 2220 D.L.T.O. PRELIMINARY DESIGN PREPARED FOR NEW RESIDENTIAL SUBDIVISION: FINAL PLAN TO BE COMPLETED IN 1979/80 AFTER SITE INVESTIGATION AND MEETING WITH THE COMMUNITY COUNCIL		PLAN OF SUBDIVISION OF PART OF LOT 8, PLAN NO. 2220 D.L.T.O. APPROVED
BERENS RIVER	504				APPLICATION FOR SUBDIVISION APPROVAL, MR. GEORGE MACKAY; CIRCULATED FOR PROVINCIAL REVIEW; PLAN APPROVED BY MINISTER OF NORTHERN AFFAIRS; FOLLOW UP WITH APPLICANT RE: CONDITIONS OF APPROVAL APPLICATION FOR SUBDIVISION APPROVAL OF OBLATE MISSION PROPERTY BY SURVEYOR, MR. BEATTIE; CIRCULATED FOR PROVINCIAL REVIEW; PLAN APPROVED SUBJECT TO BUILDING RESTRICTIONS; CAVEAT; FOLLOW UP WITH APPLICANT RE: CONDITIONS OF APPROVAL
BISSETT	506	THE BISSETT PLANNING COMMITTEE HAS CONTINUED WITH THEIR PLANNING STUDY; LAND USE PLAN COMPLETED AND PRESENTED TO THE COMMUNITY COMMITTEE FOR REVIEW; BASIC PLANNING STATEMENT (1st DRAFT) COMPLETED AND PRESENTED TO THE PLANNING COMMITTEE FOR REVIEW; CONCEPT PLAN COMPLETED AND LAND USE MAPS COMPLETED FOR FINAL PLANNING STUDY REPORT	CROWN LAND SUBDIVISION (32 LOTS) FOR WEST BISSETT PREPARED BY THIS OFFICE TO PROVIDE FOR RESIDENTIAL, COMMERCIAL AND PARK SPACE	LIAISON WITH THE DEPT. OF NORTHERN AFFAIRS, COMMUNITY PLANNING SUB-COMMITTEE ON THE ESTABLISHMENT OF : (1) COMMUNITY BOUNDARY (2) MYP SCOUTS OF AMERICA CAMPSITE (3) HWM FIELD OFFICE AND SERVICE CENTRE (4) PRELIMINARY SITE INVESTIGATIONS FOR PARKS BR. FIELD OFFICE (5) INVESTIGATION AND ANALYSIS OF SITES FOR COMMERCIAL PURPOSES	PROVINCIAL REVIEW COMPLETED OF WEST BISSETT SUBDIVISION PLAN (CROWN LAND) PREPARED BY THIS OFFICE; SURVEY SCHEDULED FOR SPRING OF 1979
BROCKET	508				REQUEST FOR SUBDIVISION APPROVAL BY FEDERAL GOVT.; APPLICATION REVIEWED WITH NORTHERN AFFAIRS, LAND ACQUISITION BR. AND CROWN LANDS; APPROVAL PENDING REVISIONS AND LAND ACQUISITION
CAMPBELLVILLE	509	REVISIONS TO THE PLANNING REPORT DEFERRED UNTIL 1979/80	PRELIMINARY DESIGN AND SITE INSPECTION RE: CROWN LAND SUBDIVISION OF PART OF LOTS 5, 6, 7, 8, and 9, PLAN # 551 D.L.T.O.; PLAN TO BE FINALIZED IN EARLY 1979/80 UPON DETERMINATION OF FLOOD PROTECTION REQUIREMENTS		APPLICATION FOR SUBDIVISION APPROVAL FOR LOT 7, M. RICHARD SUBMITTED BY P. HERRY; DESIGN ASSISTANCE PROVIDED; CIRCULATED FOR PROVINCIAL REVIEW; ASSISTANCE TO NORTHERN AFFAIRS RE: APPROVAL OF PLAN, CONDITIONS AND LEGAL AGREEMENTS
CHAMMANT	510	NO FURTHER PROGRESS; PROJECT DEFERRED UNTIL 1979/80 SUBJECT TO DIRECTION FROM NORTHERN AFFAIRS AND COMMUNITY COUNCIL			FENNER SUBDIVISION - REVISIONS TO PLAN REQUESTED AND APPROVED
CRANE RIVER	512		PROJECT DEFERRED UNTIL 1979/80 PENDING RESOLUTION OF PROVINCIAL CONCERNS AND DETERMINATION OF HOUSING REQUIREMENTS WITH THE COMMUNITY COUNCIL	REVIEW OF CROWN LAND REQUESTS FOR RESIDENTIAL LOTS IN RURAL AREAS	RANDVILLE (CROWN LAND SUBDIVISION APPLICATION BY HMF; REPORT AND MEMO TO DEPUTY MINISTER OF NORTHERN AFFAIRS RECOMMENDING REJECTION DUE TO HIGHWAY CONCERNS RE: PROVINCIAL LAND USE POLICIES
CROSS LAKE	513			LAND RESERVATION REQUEST FOR FUTURE TOWNSHIP EXPANSION AT SAND BAY ACKNOWLEDGED BY MINES, NATURAL RESOURCES AND ENVIRONMENT AND NOTED IN CROWN LANDS REGISTRY SUBJECT TO APPROVAL FROM LAND CLAIMS WORKING GROUP RECOMMENDATION RE: ENVIRONMENTAL ASSESSMENT REVIEW OF PROPOSED ROAD ROUTE FROM JEMPEC TO CROSS LAKE - DEPARTMENT OF HIGHWAYS	APPLICATION FOR SUBDIVISION OF H.C.O. MCLEOD PROPERTY BY D. CAMERON (SWEENEY ENTERPRISES LTD.) FOR COMMERCIAL DEVELOPMENT; REVIEW OF APPLICATION PENDING SUBMISSION OF PLANS BY APPLICANT
DUCK BAY	515	INTERNAL REVIEW AND REVISION TO PLANNING REPORTS DEFERRED TO 1979/80			
FISHER BAY	517		DESIGN REQUIREMENTS DETERMINED; SITE INVESTIGATION AND MEETING WITH COMMUNITY COMMITTEE; PLAN TO BE COMPLETED EARLY 1979/80; LAND ACQUISITION IS PENDING		
ISLAND LAKE (GARDEN HILL)	518		PRELIMINARY SUBDIVISION DESIGN COMPLETED; SITE INVESTIGATION AND MEETING WITH COMMUNITY COMMITTEE; FINAL PLAN TO BE COMPLETED IN EARLY 1979/80 UPON CONFIGURATION OF ROAD REQUIREMENTS BY NORTHERN AFFAIRS	LIAISON WITH CROWN LANDS RE: PLANNING REQUIREMENTS WITH RESPECT TO PROPOSED AIRPORT RADIO BEACON SITE PLAN	
ODD'S LAKE BARROWS	520		PLAN OF SUBDIVISION PREPARED (CROWN LAND) TO PROVIDE ADDITIONAL HOUSING LOTS REQUIRED FOR THE RURAL AND NATIVE HOUSING PROGRAM		CROWN LAND RESIDENTIAL SUBDIVISION APPROVED AND SURVEY COMPLETED
GRANVILLE LAKE	522			LIAISON WITH NORTHERN AFFAIRS AND CROWN LANDS RE: LAND CLEARANCES FOR SUBDIVISION (TOWNSITE); SURVEY TO BE COMPLETED IN 1979/80	
MALES LANDING	598				REQUEST FOR SUBDIVISION DESIGN DEFERRED UNTIL 1979/80 PENDING REVIEW BY NORTHERN AFFAIRS
LOON STRAITS	530				LIAISON WITH CROWN LANDS RE: REQUEST FOR SURVEY OF CROWN LOTS; DEFERRED UNTIL 1979/80 PENDING SITE EVALUATION RE: WATER POWER RESERVE RESTRICTION

MANIGOTOGAN	532	<ul style="list-style-type: none"> REVIEW AND REVISIONS TO BASIC PLANNING STATEMENT DEFERRED UNTIL 1979/80 PENDING ELECTION OF NEW MAYOR AND COUNCIL MANIGOTOGAN/SEYHOURVILLE AREA PLAN DEFERRED UNTIL 1979/80 AT NORTHERN AFFAIRS REQUEST 	<ul style="list-style-type: none"> LOT 9, DOYLE SUBDIVISION REQUEST REVIEWED AND DESIGN RECOMMENDATION PROVIDED TO DEPT. OF NORTHERN AFFAIRS LOT 1, MR. A. BOSTRIM; PLOT PLAN PREPARED FOR RESIDENTIAL AND COMMERCIAL LOTS 	<ul style="list-style-type: none"> REVIEW GEOTECHNICAL REPORT, PREPARED BY WATER RESOURCES DIVISION ON RECREATIONAL/COFFAGE AREA MRS. D. TURNER; DISCUSSIONS RE: SUBDIVISION APPROVAL REQUIREMENTS AND GEOTECHNICAL REPORT CONSIDERATIONS MR. ENZELBERGER; DISCUSSIONS RE: SUBDIVISION APPROVAL REQUIREMENTS (LOT 11) 	<ul style="list-style-type: none"> MR. H.A. SHWARD; CIRCULATED FOR PROVINCIAL REVIEW, REPORT AND RECOMMENDATION FORWARDED TO DEPT. OF NORTHERN AFFAIRS FOR APPROVAL LOT 2, PLAN OF SUBDIVISION - SURVEY PLAN SIGNED AND APPROVED BY DEPT. OF NORTHERN AFFAIRS
MATHESON ISLAND	533				<ul style="list-style-type: none"> MR. MARIATT, LOT 19: CIRCULATED FOR PROVINCIAL REVIEW, REPORT AND RECOMMENDATIONS FORWARDED TO DEPT. OF NORTHERN AFFAIRS FOR APPROVAL. SURVEY INITIATED MR. WHITZMAY, LOT 17: CIRCULATED FOR PROVINCIAL REVIEW, DESIGN CHANGES REQUESTED BY APPLICANT, REPORT AND RECOMMENDATIONS FORWARDED TO DEPT. OF NORTHERN AFFAIRS FOR APPROVAL. SURVEY INITIATED. MR. SETTEE, LOT 18: CIRCULATED FOR PROVINCIAL REVIEW, REPORT AND RECOMMENDATIONS FORWARDED TO DEPT. OF NORTHERN AFFAIRS FOR APPROVAL. SURVEY INITIATED MR. CARLSON; APPLICATION FOR SUBDIVISION; LIAISON WITH DEPT. OF NORTHERN AFFAIRS RE: MUNICIPAL REVIEW AND WITH LAND TITLES OFFICE; DRAFT LETTER FOR APPROVAL
MEADOW PORTAGE	534				<ul style="list-style-type: none"> MR. SABISTON SUBDIVISION: CIRCULATED FOR PROVINCIAL REVIEW, REPORT AND RECOMMENDATIONS FORWARDED TO DEPT. OF NORTHERN AFFAIRS SAARI SUBDIVISION: CIRCULATED FOR PROVINCIAL REVIEW
MOOSE LAKE	535			<ul style="list-style-type: none"> LIAISON WITH CROWN LANDS AND WATER RESOURCES RE: WITHDRAWAL OF SUBDIVIDED LANDS FROM POWER RESERVE 	
NORWAY HOUSE	537	<ul style="list-style-type: none"> LAND USE PLAN AND BASIC PLANNING STATEMENT REVISION DEFERRED UNTIL 1979/80 AT NORTHERN AFFAIRS REQUEST PENDING ELECTION OF MAYOR AND COUNCIL 	<ul style="list-style-type: none"> FIELD INVESTIGATION COMPLETED ON PROPOSED SITES FOR RESIDENTIAL DEVELOPMENT CROWN LANDS RESERVATION REQUEST FOR SUBDIVISION DEVELOPMENT (RCHP POINT); PRELIMINARY SUBDIVISION DESIGN COMPLETED AND REVIEWED WITH COMMUNITY COUNCIL; PLANS TO BE FINALIZED EARLY 1979/80 NCLEOD SUBDIVISION, LOT 22; DESIGN ASSISTANCE PROVIDED, APPLICATION PENDING MEETING AND FINALIZATION OF PLAN 	<ul style="list-style-type: none"> REVIEW OF GEOTECHNICAL REPORT, PREPARED BY WATER RESOURCES DIVISION COMMUNITY BOUNDARY DISCUSSIONS WITH DEPT. OF NORTHERN AFFAIRS 	<ul style="list-style-type: none"> MR. C. SAUNDERS SUBDIVISION: SUBDIVISION REVIEWED AND APPROVED
OXFORD HOUSE	538				<ul style="list-style-type: none"> UNITED CHURCH SUBDIVISION: APPLICATION SUBMITTED BY MR. SHEPPARD, APPROVED
PIKMITONEI	541			<ul style="list-style-type: none"> REVIEW GEOTECHNICAL REPORT PREPARED BY WATER RESOURCES DIVISION; LIAISON WITH DEPT. OF NORTHERN AFFAIRS WASTE DISPOSAL GROUND, RECOMMENDATIONS PROVIDED 	
PINE DOCK	542		<ul style="list-style-type: none"> PRELIMINARY DESIGN COMPLETED, SITE INVESTIGATION AND MEETING WITH COMMUNITY COMMITTEE; PLAN TO BE FINALIZED EARLY 1979/80 UPON DETERMINATION OF DEVELOPMENT SET-BACK REQUIREMENTS BY WATER RESOURCES AND MANITIBA HYDRO 		
PRINCESS HARBOUR	544			<ul style="list-style-type: none"> LIAISON WITH CROWN LANDS AND WATER RESOURCES RE: WITHDRAWAL OF SUBDIVIDED LANDS FROM POWER RESERVE 	
RED SUCKER LAKE	547				<ul style="list-style-type: none"> CROWN LAND RESIDENTIAL SUBDIVISION CIRCULATED FOR PROVINCIAL REVIEW, APPROVED AND SURVEY COMPLETED
SEYHOURVILLE	559		<ul style="list-style-type: none"> DESIGN AND DEVELOPMENT OF CROWN LANDS SUBDIVISION FOR RESIDENTIAL PURPOSES; REPORT COMPLETED 		<ul style="list-style-type: none"> CROWN LAND RESIDENTIAL SUBDIVISION PROPOSAL CIRCULATED FOR PROVINCIAL REVIEW AND APPROVED; SURVEY COMPLETED
SHERRIDON	553		<ul style="list-style-type: none"> RESIDENTIAL SUBDIVISION DESIGN AND REPORT COMPLETED (COLD LAKE) 	<ul style="list-style-type: none"> LIAISON WITH DEPT. OF NORTHERN AFFAIRS AND COMMUNITY COUNCIL ON BOUNDARY PROPOSAL 	<ul style="list-style-type: none"> COLD LAKE CROWN LAND RESIDENTIAL SUBDIVISION CIRCULATED FOR PROVINCIAL REVIEW, APPROVED AND SURVEY COMPLETED
SOUTH INDIAN LAKE	555		<ul style="list-style-type: none"> TOWN CENTER AND RESIDENTIAL SUBDIVISION DESIGN COMPLETED 		<ul style="list-style-type: none"> CROWN LAND SUBDIVISION PROPOSAL CIRCULATED FOR PROVINCIAL REVIEW, APPROVED AND SURVEY SCHEDULED FOR EARLY 1979/80
THICKET PORTAGE	557				<ul style="list-style-type: none"> CROWN LANDS SUBDIVISION: LIAISON WITH LAND TITLES OFFICE, SURVEYS BRANCH AND DEPT. OF NORTHERN AFFAIRS RE: BY-LAW REQUIRED FOR REGISTRATION PURPOSES
WABOWDEN	558	<ul style="list-style-type: none"> 1ST DRAFT OF BASIC PLANNING STATEMENT COMPLETED AND PRESENTED TO COMMUNITY COUNCIL FOR REVIEW; REVISIONS TO BASIC PLANNING STATEMENT TO BE COMPLETED IN 1979/80 		<ul style="list-style-type: none"> LIAISON WITH DEPT. OF NORTHERN AFFAIRS AND LAND ACQUISITION BRANCH RE: LAND ACQUIRED THROUGH EXPROPRIATION FOR PUBLIC ROAD 	
OTHER					<ul style="list-style-type: none"> AYRES COVE RESORTS LTD. DEVELOPMENT AGREEMENT: TERMS AND CONDITIONS OF DEVELOPMENT AGREEMENT REVIEWED WITH OWNERS AND DEPT. OF NORTHERN AFFAIRS
(1) AYRES COVE					
(2) WOODS CREEK				<ul style="list-style-type: none"> LIAISON WITH NORTHERN AFFAIRS RE: WATER SUPPLY MARINA AND DESIGN CONSIDERATIONS (DEVELOPMENT AGREEMENT) 	<ul style="list-style-type: none"> WOODS CREEK SOUTH RECREATIONAL COTTAGE SUBDIVISION CIRCULATED FOR PROVINCIAL REVIEW; APPROVAL PENDING A DEVELOPMENT AGREEMENT WITH DEPT. OF NORTHERN AFFAIRS

Work Plan Review 1978/79

TABLE B. 34

COMMUNITY		NUMBER OF PLANIMETRIC SHEETS		PLANIMETRIC COMPOSITS 1:4000	
		PRODUCED PRIOR TO 1978/79	COMPLETED IN 4th. QUARTER	COMPLETED IN 3rd. QUARTER	COMPLETED IN 4th. QUARTER
NO.	NAME				
597	Agaming				
501	Anama Bay	5		●	
502	Atik	1			
503	Barrows		2 P		
504	Berens River		5 P		●
505	Big Black River	1			
506	Bissett	8		●	
507	Bloodvein	2		●	
508	Brochet		3 P		●
509	Camperville	7		●	
510	Cormorant				
512	Crane River	6		●	
513	Cross Lake		5 P		●
514	Dallas	1			
586	Dawson Bay	1			
515	Duck Bay	6		●	
516	Easterville	3 P			●
517	Fisher Bay	1		●	
518	Garden Hill	4		●	
519	God's Lake				
520	God's Lake Narrows	2		●	
521	God's River			●	
522	Granville Lake	3		●	
569	Harwell				
523	Herb Lake				
598	Hales Landing				
524	Homebrook				
525	Iford		4 P		●
526	Jackhead Harbour				
527	Jenpeg				
593	Lac Brochet				
583	Little Black River			●	
529	Little Grand Rapids	2		●	
530	Loon Straits	4		●	
531	Mallard	4 P			●
528	Manibridge				
532	Manigotogan		4 P		●
533	Matheson Island	3		●	
570	Islandview	1			
534	Meadow Portage	1		●	
535	Moose Lake	4		●	
567	National Mills	1			
536	Nelson House	11		●	
537	Norway House		15 P		●
587	Notigi				
568	Overflowing River	2		●	
538	Oxford House	5		●	
539	Paungassi	3		●	
540	Pelican Rapids	1		●	
541	Pikwitonei	3		●	
542	Pine Dock	1		●	
543	Poplar River	3		●	
544	Princess Harbour	2		●	
545	Pukatawagan	1			
546	Red Deer Lake		1 P		
588	Red Deer River				
547	Red Sucker Lake	5		●	
548	Red Rose	1			
549	Root Lake	1			
550	Ste. Theresa Point	2		●	
551	Salt Point	2		●	
552	Shamattawa	4		●	
553	Sherridon		5 P		●
554	Skownan	1 P			
555	South Indian Lake	9			
556	Split Lake	3		●	
592	Tadouls Lake				
589	The Bluff	2		●	
557	Thicket Portage	5		●	
558	Wabowden		7 P		●
559	Wanipigow (Beymourville)	1			
561	Warren Landing	4			
562	Waterhen	6		●	
563	Waasagomach	1			
564	Westgate	1			
565	York Factory				
566	York Landing	2		●	

NOTE: "P" Represents Partial Planimetric

MAR. 79

MAPPED in FEET *

Table B.35
MANITOBA NORTHLANDS
 COMMUNITY BASE MAPPING
 (INVENTORY)

PROPERTY OWNERSHIP SOURCE

N - N.L.T.O.
 W - W.L.T.O.
 O - O.L.T.O.
 AR - Assessment Roll

LEGEND

3 - NO. OF SHEETS COMPLETED
 1:4000 REDUCTION (PHOTOBASE AND PLANIMETRIC CORR.)

PLANNING REGION	COMMUNITY	AERIAL PHOTOGRAPHY					CADASTRAL & SHORELINE	PHOTOBASE CONTOUR, CAD.	PLAN. CONTOUR SHORELINE CAD.	LAND USE	PROPERTY OWNERSHIP	RESIDENTS MAP	PHOTO BINDER
		73	74	75	76	77							
W	501 Anama Bay						5	R 5	R 5	5	AR 5	2	
D	502 Atik						1			1	N 1	1	
D	503 Barrows *						2	2	2	1	AR 1	1	
W	504 Berens River *						5	R 5	R 5	5	AR 5	5	
W	505 Big Black River						1	R 1		1	AR 1	1	
W	506 Bissett						3	R 3	R 3	3	AR 3	3	
W	507 Bloodvein						2	R 2	R 2		W		
T	508 Brochet *						2	3	R 3	2	AR 2	2	
D	509 Camperville						7	R 7	R 7	3	AR 6	5	
D	510 Cormorant *						7	R 7		4	AR 4	4	
D	512 Crane River						6	R 6	R 6	5	AR 5	5	
T	513 Cross Lake *						5	R 5	R 5	3	AR 3	4	
W	514 Dallas						1	R 1		1	AR 1	1	
D	586 Dawson Bay						1			1	N 1	1	
D	515 Duck Bay						6	R 6	R 6	4	AR 6	4	
D	516 Easterville *						3	R 3	R 3	2	AR 3	1	
W	517 Fisher Bay						1				AR		
T	518 Garden Hill						4	R 4	R 4	3	AR 3	3	
T	519 God's Lake										N		
T	520 God's Lake Narrows						2	2	R 2	1	AR 1	1	
T	521 God's River										N		
T	522 Granville Lake							3	R 3	1	N	1	
W	569 Harwell										AR		
D	523 Herb Lake										AR		
D	524 Homebrook										AR		
T	525 Ilford *						4	R 4	R 4	3	AR 2	1	
W	526 Jackhead Harbour										W		
T	527 Jenpeg										N		
T	593 Lac Brochet										N		
W	583 Little Black River										W		
W	529 Little Grand Rapids						2	R 2	R 2	1	AR 2	1	
D	530 Loon Straits						4	4	R 4	3	AR 4	3	
D	531 Mallard *						4	R 4	R 4	4	AR 2	4	
T	528 Manibridge										N		
W	532 Manigotogan *						4	R 4	R 4	4	AR 4	4	
W	533 Matheson Island						3	R 3	R 3	3	AR 3	3	
D	Islandview						1	R 1		1	AR 1	1	
D	534 Meadow Portage						1	1		1	AR 1	1	
D	535 Moose Lake						4	R 4	R 4	2	AR 2	2	
D	567 National Mills						1	R 1		1	AR 1	1	
T	536 Nelson House						11	R 11	R 11	11	AR 6	6	
T	537 Norway House *						15	R 15	R 15	9	AR 15	9	
T	587 Notigi										N		
D	568 Overflowing River						2	2	R 2		N		
T	538 Oxford House						5	5	R 5		N		
W	539 Paungassi							3	R 3		W		
D	540 Pelican Rapids						1	1		1	D 1	1	
T	541 Pikwitonei						3	R 3	R 3	2	AR 3	1	
W	542 Pine Dock						1	1		1	AR		
W	543 Poplar River						3	R 3	R 3		W		
W	544 Princess Harbour						2	2	R 2	2	AR 2	1	
D	545 Pukatawagan						1	1		1	N		
D	546 Red Deer Lake *						1	1	1	1	N 1	1	
D	588 Red Deer River										N		
W	547 Red Sucker Lake						5	5	R 5	3	AR 5	3	
D	548 Red Rose						1	R 1		1	AR 1	1	
D	549 Root Lake						1	1		1	N 1	1	
D	550 Ste. Theresa Point						2	R 2	R 2	1	N 2	1	
T	551 Salt Point						2	R 2	R 2	2	D 2	2	
D	552 Shamattawa						4	R 4	R 4		N 4		
D	553 Sherridon *						5	R 5	R 5	3	AR 4	2	
W	554 Skowman *						1	R 1	1	1	AR 1	1	
W	555 South Indian Lake						9	R 9	9	7	AR 9	4	
D	556 Split Lake						3	R 3	R 3	3	N 3		
D	592 Tadoule Lake										N		
D	589 The Bluff						2	2	R 2	1	N 1	1	
T	557 Thicket Portage						5	R 5	R 5	1	AR 3	1	
T	558 Wabowden *						7	R 7	R 7	7	AR 7	3	
W	559 Wanipigow						1	R 1		1	AR 1	1	
D	561 Warren Landing						4	R 4	4	4	N 4	2	
D	562 Waterhen						6	R 6	R 6	5	AR 6	5	
D	563 Waasagomach						1	R 1		1	N		
D	564 Westgate						1	R 1		1	AR 1	1	
T	565 York Factory										N		
T	566 York Landing						2	R 2	R 2	2	N 2	2	

○ INDICATES PARTIAL PLANIMETRIC COMPLETED

- sources of construction material for roads, airstrips, lagoons and building foundations.
- detailed information for pre-design and feasibility studies to determine costs in providing community services.
- well designs and installation of pumps where ground water is feasible as a community water supply.
- preparation of preliminary geotechnical engineering report evaluating potential sites for waste disposal, sewage lagoons, water reservoirs, airstrips and dikes.

This activity was implemented by the Manitoba Department of Northern Affairs, Renewable Resources and Transportation Services utilizing a staff of six. Expenditures of \$88,125 in 1978/79 were shared 60/40 between DREE and Manitoba.

In 1978/79 reports were prepared on several geotechnical land use investigations. The nature of these investigations carried out in various communities is summarized in Table B.36.

Project 2 Community Infrastructure Services

This project involves the provision of safe water supply systems, community roads, and fire protection and prevention. The project consists of three activities.

Activity 1 Safe Water Supply

The activity is intended to provide remote communities with potable water utilizing rudimentary delivery systems. Systems consist of either intake pipes (if surface supply) or wells (if groundwater source), pumphouses (equipped with filtration and chlorination), heat traced distribution lines and one or more standpipe buildings.

GEOTECHNICAL ENGINEERING SERVICES

COMMUNITY	INVENTORY	INVENTORY EXTENSION	WATER & SEWER FEASIBILITY	SEWAGE LAGOON SITE EVALUATION	WASTE DISPOSAL SITE EVALUATION	SEPTIC SUITABILITY	AIRSTRIP SITE INVESTIGATION	WATER RESERVOIR (DUG-OUT) SITE EVALUATION	OTHER
ANAMA BAY	1								
BARROWS	2	3							
BERENS RIVER	2				3		2		Gravel Search - 2
BIG BLACK RIVER	2								
BISSETT	2								
BLOODVEIN									Gravel Search - 2
BROCHET	2				3				Drainage - 3
CAMPERVILLE	1	3	3	3	3	3			
CORMORANT	1	4							
CRANBERRY PORTAGE	2								
CRANE RIVER	2								
CROSS LAKE	2	3			3	3			Cemetery - 3
DAWSON BAY	3								
DUCK BAY	1		3	3		3			Diking - 3
EASTERVILLE	2								
FISHER BAY	3								
GARDEN HILL	3	3			3	3			
GOOS LAKE NARROWS	2	3							
GRAND RAPIOS	1								
GRANVILLE LAKE	2					3			
ILFORD	2								
LITTLE GRAND RAPIOS	2								
LOGN STRAITS	3								
MALLARD	2								
MANIGOTOGAN	1	4	2	3	3				
MATHESON ISLAND	3								
MEADOW PORTAGE									Groundwater Eval. 2
MOOSE LAKE	1	3			3	3			
NATIONAL MILLS	3								
NELSON HOUSE	1				3				
NORWAY HOUSE	3			4	4				
DXFORD HOUSE	3								
PAUNGASSI									
PELICAN RAPIOS	3								
PIKWITONEI	2				4	3			
PINE DOCK	3								
POPLAR RIVER							2		
PRINCESS HARBOUR	2								
RED DEER LAKE	2							3	Permeability Tests-3
RED SUCKER LAKE	2								
ST. THERESA POINT							3		
SEYMOURVILLE	2			3	3	3			Marina - 3
SHERRIDON-COLD LAKE	2	3							
SOUTH INOIAN LAKE	2								
THICKET PORTAGE	1								
WARREN LANDING	2								
WASSAGOMACH							3		
WATERHEN	3							3	
WESTGATE	2								
YORK LANDING	3								
HALES LANDING	4								
SPLIT LAKE									

1. Completed 75/76

2. Completed 76/77

3. Completed 77/78

4. Completed 78/79

The safe water supply activity was implemented by the Manitoba Department of Highways and Transportation Services. During the year 1978/79, expenditures of \$608,960 were shared 60/40 between DREE and Manitoba.

Upon completion of the construction phase the department assesses operating costs, conducts on-site inspections, tests water for quality and chlorination levels, and trains local residents in operation and maintenance of the system prior to turning it over to the community.

Table B. 37 provides a summary of the work carried out in 20 communities under this activity during 1978/79. In 15 of the communities, water systems were declared complete and serviceable, meaning that the basic systems had been constructed and included the completion of any initial remedial work.

Activity 2 Community Roads

This activity provides basic internal community access systems to communities under the jurisdiction of the Department of Northern Affairs for the movement of people, goods, and services. This includes roads, causeways, bridges, ferries, docks and the stockpiling of materials in advance of these projects.

Community roads projects were implemented by both the Manitoba Department of Northern Affairs and the Manitoba Department of Highways and Transportation. During the year 1978/79 expenditures of \$910,589 were shared 60/40 between DREE and Manitoba.

Most of the projects undertaken in 1978/79 involved the stockpiling of gravel for road construction in 1979/80.

Details of Projects:

- 70,076 tons of gravel for Norway House
- 10,000 yards of gravel for Berens River
- 8,000 yards of gravel for South Indian Lake
- 4,500 yards of gravel for the Bloodvein area

TABLE B. 37
SAFE WATER SUPPLY 1978/79

LOCATION	STATUS	DESIGN/ ENGINEERING	WORK PERFORMED	CONTRACTORS	TOTAL NO. EMPLOYED	TOTAL NO. NORTHERNERS EMPLOYED	NORTHERNERS		TOTAL MAN MONTHS OF EMPLOYMENT
							NO. SKILLED	NO. UNSKILLED	
BERENS RIVER NORTH	Remedial 95% Complete	Prepared plans for remedial work	Remedial Work Rip-rap intake, foundation, for standpipe-landscape- drainage, etc.	Department	4	4	1	3	3
BERENS RIVER SOUTH	Complete and Serviceable	Plans and specifica- tions for remedial work	Construction of total system	J.W. Bodner	7	3	0	3	6
BLOODVEIN	Complete and Serviceable	Plans and specifica- tions for remedial work	Construction of total system and remedial on pumphouse	Prairie Aggregate	9	2	0	2	5.38
CORMORANT NORTH AND SOUTH	Complete and Serviceable	Plans and specifica- tions for remedial work	Remedial work to rectify water system, landscaping, brush clearing, intake, etc.	Neil Myers	8	8	5	3	6.12
CRANE RIVER	50% Complete		Basic water supply	Contractor & Department	1	1	Balance of Employees Paid by Canada Works		
PELICAN RAPIDS	Basic Construc- tion Complete	Plan for heat tracing pedestal details prepared	Install electrical pedestal on intake line	Department	4	2	2	0	1
PIKWITONEI	Complete and Serviceable	Remedial oriented work	Remedial rip-rap line, drainage, landscape, bldg. alteration, access road. etc.	D.L. Sorestad	4	4	2	2	3.2

TABLE B. 37 Cont'd
SAFE WATER SUPPLY 1978/79

LOCATION	STATUS	DESIGN/ ENGINEERING	WORK PERFORMED	CONTRACTORS	TOTAL NO. EMPLOYED	TOTAL NO. NORTHERNERS EMPLOYED	NORTHERNERS		
							NO. SKILLED	NO. UNSKILLED	TOTAL MAN MONTHS OF EMPLOYMENT
SHERRIDON/ COLD LAKE	Complete and Serviceable	Remedial work	Remedial rip-rap line, drainage, landscape, access road, etc.	Sherridon Community Council	6	6	3	3	3
THICKET PORTAGE	Complete and Serviceable	Remedial oriented work	Remedial - drainage, land- scape, access road, plumbing and heating alterations, etc.	D. Dufour Const D.L. Sorestad	4	4	2	2	2.5
DUCK BAY	Complete and Serviceable	- Intake into dugout - Reinstallation of main intake - Remedial oriented work	Intake and remedial work complete	Contractor and Department	1	1	Balance of Employees Paid by Canada Works		
EASTERVILLE	Complete and Serviceable	Remedial work plans	Remedial - landscape, installation of dump pit, building repairs	Department	2	2	0	2	.4
GOD'S NARROWS	Complete and Serviceable	Remedial oriented plans	Remedial work standpipe, Pumphouse rip-rap intake line. Landscape stand- pipe bldg. pumphouse bldg. Construct drains, access to buildings.	Department	6	6	2	4	2.7

TABLE B. 37 Cont'd
SAFE WATER SUPPLY 1978/79

LOCATION	STATUS	DESIGN/ ENGINEERING	WORK PERFORMED	CONTRACTORS	TOTAL NO. EMPLOYED	TOTAL NO. NORTHERNERS EMPLOYED	NORTHERNERS		
							NO. SKILLED	NO. UNSKILLED	TOTAL MAN MONTHS OF EMPLOYMENT
ILFORD	Complete and Serviceable	Remedial oriented plans	Remedial work, landscape. Plumbing alterations, dist. line repair, etc.	D. Sorestad	3	3	1	2	2.5
WABOWDEN		Survey, predesign and design for extension of existing water & sewer lines	Survey and design work	Department					
WARREN'S LANDING	Complete and Serviceable	Plans and specifications for remedial work	Remedial work, intake, landscape, drainage, pumphouse foundation, etc.	D. Dufour Construction	6	3	1	2	1.96
WATERHEN	95% Complete	Survey work	Basic water supply and sewer. Will complete basic system 79/80	Contractor & Department	1	1	Balance of employees paid by Canada Works		
MOOSE LAKE	Complete and Serviceable	Minor work towards remedial work	Remedial work. Landscape, drainage, access road, etc.	Lamb Store	5	5	3	2	1.3
NELSON HOUSE	Complete and Serviceable	Design drawings for installing new filters. Water quality monitoring. Plans for remedial work.	Remedial, drainage, landscape, access, new foundation, filter system.	Department	3	3	3		2.5

TABLE B. 37 Cont'd
SAFE WATER SUPPLY 1978/79

LOCATION	STATUS	DESIGN/ ENGINEERING	WORK PERFORMED	CONTRACTORS	TOTAL NO. EMPLOYED	TOTAL NO. NORTHERNERS EMPLOYED	NORTHERNERS		TOTAL MAN MONTHS OF EMPLOYMENT
							NO. SKILLED	NO. UNSKILLED	
NORWAY HOUSE	Complete and Serviceable	Remedial work Plans	Remedial work in pumphouse and standpipe	Brincheski Bros					
LITTLE GRAND RAPIDS	Complete and Serviceable	Plans and specifications for remedial work	Completed construction. Remedial work on pumphouse and intake pipe	Amaca Plumbing and Heating	12	6	2	4	8.06
MALLARD	Basic water supply completed	Design plans for pumphouse	Basic water supply completed	Contractor and Department	1	1	Balance of employees paid by Canada Works		
CROSS LAKE	Complete	Plans for remedial	Remedial work on pumphouse and standpipe	Department					

a/ Monitoring: refers to assistance provided after completion of construction and prior to turning the system over to the community. This includes on-site inspections, monitoring of water quality, testing for chlorination levels, providing maintenance cost estimates, and training local residents.

Complete and Serviceable: refers to a system which has been constructed including the completion of one year's remedial work.

- 2,000 yards of gravel for Little Grand Rapids
- 750 yards of gravel for Gods Lake Narrows
- 700 yards to Pikwitonei and Thicket Portage

In addition to gravel stockpiling, reconstruction work was carried out on cable ferry landings in Cross Lake.

Activity 3 Fire Protection/Prevention

The fire program is intended to provide basic protective fire fighting equipment, clothing, fire prevention knowledge and training to the communities under the jurisdiction of the Department of Northern Affairs. In addition, the fire program provides for assistance to community councils in the formulation of local volunteer fire brigades.

This activity was implemented by the Manitoba Department of Northern Affairs with assistance from the Provincial Fire Commissioners Office, Department of Labour and Manpower.

During the 1978/79 fiscal year expenditures of \$224,343 were shared 60/40 between DREE and Manitoba.

Table B.39 provides a list of fire equipment purchases by community for 1978/79.

Table B.38 provides a list of the various fire protection/prevention training courses offered to residents in northern remote communities.

- a) Regional Workshops - Three regional workshops were held in Waterhen, Bissett and Wabowden during 1978/79 to bring together a number of community representatives within the regions for the purpose of teaching the use and maintenance of portable fire extinguishers, pumps, and other equipment, as well as special training in Cardio-Pulmonary Resuscitation (C.P.R.) and rescue techniques so that the information can be taken back to the home community.

- b) Fire College - Northerners received training at the Brandon Fire College for the first time in 1978/79. The college provided the necessary knowledge, skills and techniques, to participants of the program which enabled the individuals to, in turn, train their own volunteer fire departments. Training included:
- basic training to fight structural fires
 - breathing apparatus, ladder work, rescue and ventilation
 - investigation, inspections, training
- c) Community Workshops - Workshops were held regularly in the communities of Waterhen, Crane River, Wabowden and Bissett to bring together local residents for the purpose of teaching basic fire prevention/protection measures. Several other community workshops were held for local training in first-aid and brush fire suppression.
- d) Instructors Course - An instructors course was held in several communities during 1978/79 to allow communities in the surrounding areas the opportunity to have a certified instructor as a member of the local fire brigade.

FIRE PROTECTION/PREVENTION TRAINING COURSES 1978/79

Community	Regional Workshops	Fire College	Instructors Course	First Aid and Brush Fire	C.P.R. and Rescue	Community Training
Berens River				x		
Camperville	x	x		x		
Aghaming						
Cross Lake	x			x		
Westgate						
National Mills						
Cormorant	x			x		
Seymourville	x	x	x	x		
Crane River	x	x	x			x
Waterhen	x	x	x	x	x	x
Bissett	x	x		x	x	x
Thicket Portage	x	x		x		
Meadow Portage	x	x	x	x		
Red Deer Lake	x			x		
Salt Point	x					
Barrows	x		x	x		
Big Black	x					
Manigotogan	x					
Mallard	x			x		
Herb Lake				x		
Duck Bay	x			x		
Pine Dock	x			x		
Matheson Island	x			x		
Fisher Bay	x	x	x	x		
Pelican Rapids						
Harwill				x		
Loon Straits	x	x	x	x		
Dallas/Red Rose	x			x		
Homebrook	x			x		
Anama Bay	x			x		
Nigginan						
Princess Harbour	x			x		
Island Lake						
Easterville	x			x		
Wabowden	x	x		x	x	x
Moose Lake	x			x		
Gods Lake Narrows	x			x		
Norway House	x					
Brochet				x		
Granville				x		
Warren's Landing						
Sherridon	x			x		
Ilford						
South Indian Lake						
Nelson House	x			x		
Pikwitonei				x		
Skownan	x					
Stevenson Island	x					

PROGRAM 5 INDIAN RESERVE COMMUNITY SERVICES

In 1977/78, the Department of Indian Affairs and Northern Development (DIAND), perceiving the need for improving potable water supplies to be the greatest priority, developed a method of determining the level of service that would be provided under the water supply program and undertook to prioritize communities where improvement was most urgent. The basis of this prioritization was the "worst-first" principle, confirmed by joint research undertaken between DIAND and the Manitoba Regional Office of Medical Services. Once guidelines were established for the provision of safe water supplies and the communities prioritized, studies were undertaken to estimate the costs of providing the systems. The costs were found to be substantial and, as a result, funds were transferred from the Waste Disposal Program to the Water Supply Program so that the minimum level of service established in the guidelines could be met in all northern communities by 1981. Delivery of other services are to be based on data from the joint research study and on community-originated requests supported by Band Council Resolutions or developed as part of a community comprehensive planning process.

During 1978/79 the implementation of community services projects was governed by the objectives established in 1977/78.

Project 1 Community Infrastructure Support Services

The objective of this project is to provide northern Indian Communities with technical advice, maps and financial assistance to undertake their own comprehensive community planning.

During 1978/79, total expenditures were \$238,669.27 with DREE contributing 60% of the costs and DIAND 40%.

There are three activities in this project: community planning, community base mapping and geotechnical land use.

Activity 1 Community Planning

The community planning program is designed to assist communities in assuming the responsibilities of planning their own development. The objective is to provide technical and financial resources, upon request, to all interested northern Indian communities. Planning is a multi-disciplinary process designed to provide a framework for long range comprehensive programs and policies; to determine the most efficient and effective use of financial, human and natural resources; and to encourage local government by providing an opportunity to formulate a strategy for community development.

During 1978/79, expenditures for this activity were \$140,355.02. The communities which undertook comprehensive community planning in 1978/79 are listed in Tables B.40 and B.41.

TABLE B.40

INDIAN RESERVE COMMUNITY SERVICES/COMMUNITY PLANNING

Planning Studies Which Began in 1977/78 and Continued in 1978/79

Community	Contractor	Expenditures	Output
Fox Lake	Doug Clark of Hilderman, Feir, Witty and Associates	5,500.00	The report contains a town plan for Bird, a suggested development program and a time-frame for implementation

INDIAN RESERVE COMMUNITY SERVICES/COMMUNITY PLANNING

Planning Studies Which Began in 1978/79

Community	Contractor	Expenditures	Output
Bloodvein	Jim Wilson of Agassiz Design and Planning Services Inc.	15,000.00	The consultant and local planner held a series of meetings to develop a preliminary land use map. Interim report were prepared on the wild rice harvesting and the winter pulpwood operation. It anticipated that the report will be available by March 31, 1980.
Fox Lake	Doug Clark of Hilderman, Feir, Witty and Associates	5,000.00	Detailed planning for the town of Bird has been completed.
God's River	Fred Gudmundson	40,000.00	Under the direction of Chief and Council, the planner co-ordinated the road design, recommended a drainage system, assisted in the preparation of a school program, reviewed alternate sources of energy and held discussions with Band Members on economic development opportunities and constraints.
Oxford House	Onno Kremers of Reiber-Kremers and Associates Limited	24,955.02	Conceptual plan completed, documented and distributed.
Poplar River	Floyd Williston of H & B Partners Limited	15,000.00	The planner and local planner have undertaken a land utilization study, identified future sites of planned development and held ten meetings to discuss the following: the relocation of the airstrip, community roads, bridges, housing and the future utilization of the seven (cont'd)

TABLE B.41 (cont'd)

Community	Contractor	Expenditures	Output
Poplar River (cont'd)			temporary school buildings. A report will be available by March 31, 1980.
Pukatawagan	Jim Wilson of Agassiz Design and Planning Services Inc.	8,900.00	The Band Council and consultant completed preliminary planning for the location, type and extent of a community waterline, prepared preliminary guidelines and specifications for the construction of the new road and held meetings with the province to discuss the treaty land entitlement.
The Pas	Dennis Windsor of F.F. Slaney and Company Limited	20,000.00	Under the direction and in consultation with The Pas planning committee, the planner and local planner have prepared a work study program, identified needs and concerns and have undertaken a resource inventory. It is anticipated that the land use study will be completed by March 31, 1980.
Little Black River	Dave Witty of Hilderman, Feir, Witty and Associates	6,000.00	The consultant has prepared a work study program, and the exploration of service development options for the recreational study are in progress. It is anticipated that the work will be completed on March 31, 1980.

Activity 2 Community Base Mapping

Community Base Mapping involves the production of topographic mapping and air photo mosaics. Topographic maps include graphic representation of the buildings, houses and roads of a community as well as its natural setting at a scale of 1:2000.

Photo mosaics are pieces of air photos joined together to produce a picture of the whole reserve area at a scale of 1:2000 or 1:10,000.

These maps are used for a wide range of informational purposes for the Chiefs and Councils, Engineers and Planners for they include records of ownership, demarcation of reserve boundaries, resource allocation, site suitability and the identification of existing and future land uses.

In 1978/79, expenditures for this activity were \$36,665.25. Work undertaken is displayed in Table B.42.

TABLE B.42

INDIAN RESERVE COMMUNITY SERVICES/
COMMUNITY BASE MAPPING 1978/79

Mosaic	Topographic	Community	Contractor	Expenditure
		Gods Lake Narrows/ Garden Hill/ St. Theresa Point/ Wasagamack*	Northway Surveys	3875.00
1	2	Bloodvein	Airquest Surveys Ltd.	3100.00
1	1	Dauphin River	Airquest Surveys Ltd.	1985.00
1	2	Tadoule Lake	Airquest Surveys Ltd.	6281.75
1	5	Lac Brochet (Northlands)	Airquest Surveys Ltd.	5591.75
1	1	Bird	Airquest Surveys Ltd.	1181.75
1	3	Little Grand Rapids	Airquest Surveys Ltd.	6475.00
1	5	Little Black River	Airquest Surveys Ltd.	8175.00

*Work started in 1977/78

Activity 3 Geotechnical Land Use Studies

Geotechnical Land Use Studies, or Airphoto Interpretation Studies, are intended to be a part of the preliminary phase of the Comprehensive Community Planning activity. The purpose of the studies is to provide communities and their technical advisors with preliminary terrain data to facilitate infrastructure planning. The objectives are accomplished through the evaluation of the physical characteristics of the community and through the identification of areas of economic development potential for the community.

Communities that were included in this activity in the 1978/79 fiscal year are listed in Table B.43. As noted, for some of the communities, Phase 1 of this activity, which included the use of airphoto interpretation techniques to evaluate the terrain characteristics, was undertaken during fiscal year 1977/78. Phase 2, which encompasses field investigation to verify the terrain analysis and land use capability, and consultation with the respective Band Councils, was undertaken during the summer of 1978.

Total expenditure for this activity, during 1978/79, was \$61,649.

TABLE B.43

INDIAN RESERVE COMMUNITY SERVICES/
GEOTECHNICAL LAND USE STUDIES 1978/79

Community	Cost of Phase 2 of A.P.I.*	Cost of Phase 1 & 2 of A.P.I.	Consultant
Berens River	3,500		Bird & Hale Ltd.
Bloodvein	3,500		Bird & Hale Ltd.
Brochet	1,620		W.L. Wardrop & Assoc. Ltd.
Crane River		3,650	W.L. Wardrop & Assoc. Ltd.
Dauphin River		2,650	Underwood McLellan Ltd.
Fairford	3,600		Bird & Hale Ltd.
Fisher River	3,600		Bird & Hale Ltd.
Fox Lake	1,525		W.L. Wardrop & Assoc. Ltd.
God's Lake Narrows		4,400	W.L. Wardrop & Assoc. Ltd.
God's River		3,689	W.L. Wardrop & Assoc. Ltd.
Jackhead	2,850		Bird & Hale Ltd.
Lac Brochet	1,420		W.L. Wardrop & Assoc. Ltd..
Lake St. Martin	3,150		Bird & Hale Ltd.
Little Saskatchewan		3,600	Underwood McLellan Ltd.
Nelson House		3,050	W.L. Wardrop & Assoc. Ltd.
Pine Creek	1,980		W.L. Wardrop & Assoc. Ltd.
Shamattawa		4,000	W.L. Wardrop & Assoc. Ltd.
Shoal River	1,410		W.L. Wardrop & Assoc. Ltd.
Tadoule Lake	1,500		W.L. Wardrop & Assoc. Ltd.
Waterhen	3,175		Bird & Hale Ltd.
Wassagamack	1,890		Bird & Hale Ltd.
St. Theresa Point	1,890		Bird & Hale Ltd.
	\$36,610	\$25,039	

*API - Airphoto Interpretation

*Phase 1 of API undertaken in 1977/78

Project 2 Community Infrastructure Support Services

The objective of this project is to provide the support services necessary to assist northern Indian communities to share and implement community infrastructure projects. Activities include the development of engineering and architectural concepts and designs, and the compilation of standard designs for equipment and facilities.

In 1978/79 there were no expenditures related to this project.

Project 3 Community Infrastructure Services/Safe Water Supplies

The objective of this project is to provide one or more sources of potable water with a rudimentary delivery system to northern Indian communities.

During 1978/79 total expenditures were \$1,665,180 cost-shared 60/40 between D.R.E.E. and D.I.A.N.D.

These activities included studies, in consultation with the Manitoba Regional Office of Medical Services, to identify potential sources and recommend systems for water supply; the design and construction of potable water systems such as water intakes, wells, pumphouses and treatment systems; distribution systems (standpipes or truck delivery); and other features related to the supply of safe water. The results of these activities are listed in Table B.44.

TABLE B.44

INDIAN RESERVE COMMUNITY SERVICES/
SAFE WATER SUPPLIES 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Gods Lake	Construction (over a four-year period) of two water supply systems to serve the divided community of Gods Lake which will consist of two pumphouses with intakes, facilities for chlorination, water mains, bleeder lines, and standpipes. A water study and preliminary cost estimate was done in 1977/78 at a cost of \$10,000. Design was completed and construction started in 1977/78 with a further expenditure of \$171,089. Total cost of project estimated at \$1,620,216.	D.P.W.	\$225,547
Gods River	Second year of two-year period for construction of a water system with intake, pumphouse, treatment plant, and distribution line with recirculation and standpipes. Water study and preliminary cost estimate in 1977/78 at a cost of \$11,956. Expenditure for design and start of construction in 1977/78 - \$114,033. An estimated \$34,184 will be required in 1979/80 to complete the project. Total cost \$387,507.	D.P.W.	\$239,290
Pukatawagan (Mathias Colomb)	Design and construction of water supply system with intake, pumphouse, treatment plant, distribution line and standpipes. Water study and cost estimate done in 1977/78 at a cost of \$5,000. Design completed and construction started in 1977/78 with expenditures at \$37,844. Total project cost estimated at \$546,000.	D.P.W.	\$508,156

TABLE B.44 Cont'd

INDIAN RESERVE COMMUNITY SERVICES/
SAFE WATER SUPPLIES 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Little Grand Rapids	Construction of water supply system with intake, pumphouse, treatment and filling point, and garage for water delivery truck. Water study and cost estimate in 1977/78 at a cost of \$7,159. Expenditure in 1977/78 for design and start of construction - \$193,381. Completion expected in 1979/80 for additional \$30,280 to bring project cost of a total of \$414,521.	D.P.W.	\$190,860
Poplar River	Water study and preliminary estimate done in 1977/78 at a cost of \$7,494. Material and equipment in place in 1977/78 with expenditure of \$162,169. Initial estimated total project cost was \$807,040 with construction expected to be completed within two-year period. Contractor not able to start construction within time allotted. Other community requirements made it necessary to re-design system adding to cost. Two-year lapse in project work will also increase cost. Completion expected in 1980/81 fiscal year.	D.P.W.	\$ 35,074
Red Sucker Lake	Construction of a water supply system with intake, pumphouse, treatment plant, distribution line and stand-pipes. Water study and preliminary estimate done in 1977/78 at a cost of \$7,500. Design work and start of construction in 1977/78 with expenditure of \$176,675. Project expected to be completed with 1979/80 fiscal year expenditure of \$236,400. Anticipated total cost of project \$658,561.	D.P.W.	\$245,486

INDIAN RESERVE COMMUNITY SERVICES/
SAFE WATER SUPPLIES 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Shamattawa	Water study to provide data on potable sources of water to meet the present and future needs and methods of distribution, with a cost estimate.	Templeton Engineering	\$ 4,686
Bloodvein	Water study to provide data on a potable source of water to meet present and future needs and methods of distribution with a cost estimate.	W. L. Wardrop & Associates	\$ 7,920
Dauphin River	Water study to provide data on potable source of water to meet present and future needs and methods of distribution with cost estimate.	W. L. Wardrop & Associates	\$ 5,450
Brochet	Water study to provide data on potable source of water to meet present and future needs and methods of distribution with cost estimate.	Templeton Engineering	\$ 9,204
Oxford House	Water study to provide data on potable source of water to meet present and future needs and methods of distribution, with cost estimate.	Templeton Engineering	\$ 7,250
Paungassi	Construction of a water supply system with intake, pumphouse distribution line with two standpipes. Water study done in 1977/78 at a cost of \$10,000. Estimated in 1979/80 for completion \$8,000. Total estimated cost of project \$114, 667.	Amaco Plumbing & Heating	\$106,667

INDIAN RESERVE COMMUNITY SERVICES/
SAFE WATER SUPPLIES 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Pine Creek	Water study to provide data on potable sources of water to meet present and future needs, method of distribution, and cost estimate.	W. L. Wardrop & Associates	\$ 6,500
Garden Hill	Water study to provide data on potable sources of water to meet present and future needs, method of distribution, and cost estimate.	W. L. Wardrop & Associates	\$ 7,250
Waterhen	Water study to provide data on potable sources of water to meet present and future needs, method of distribution, and cost estimate.	W. L. Wardrop & Associates	\$ 6,500
Fort Alexander	Expand capacity of existing water supply; and supply and treatment plant study and design work completed in 1977/78 at a cost of \$6,356.	Band	\$ 59,057
Chemawawin (Easterville)	Pay carry-over account for project started in 1977/78 fiscal year. Frost-proof twelve existing wells in the community at a cost of \$12,396.	D.I.A.N.D.	\$ 283

Project 4 Waste Disposal Facilities

The objective of this project is to develop and provide facilities for the disposal of wastes in northern Indian communities. Activities include the design to upgrade and expand existing lagoons and plants, or to construct waste disposal facilities such as lagoons, sewage collection and treatment systems, incinerators, landfill sites, etc.

During 1978/79, total expenditures were \$94,047 cost-shared 60/40 between D.R.E.E. and D.I.A.N.D.

Activity during 1978/79 was limited to upgrading the sewage lagoon and plant on the Fort Alexander Reserve. The contractor was Peter Boorberg Enterprises Ltd. of Winnipeg, Manitoba.

Project 5 Fire Protection/Prevention

The objective of this project continues to be that of reducing the needless loss of life and property from the ravages of fire on Indian reserves, with the emphasis being placed on Fire Prevention.

The project content has been developed over the past three years through consultation with Chiefs and Councils, and practical field application. It has been designed to be delivered to northern/isolated, and other Indian communities traditionally served by DIAND. The project content, however, is applicable to all reserve locations with minor variations.

The general format followed is:

1. Fire Prevention Awareness. (Phase 1)
2. Fire Extinguisher Training/Placement
 - Note 1: Provides for Band Staff Training in recharge/maintenance procedures and includes spare parts, tool box, and recharge materials.
 - Note 2: Items 1 and 2 are normally conducted in one session.
3. Provision and placement of smoke detectors. (Phase 2)
4. Provision and placement of portable and/or mobile fire fighting equipment, i.e., pumps/water trailers/comboination water-delivery fire trucks, etc. (including ancillary equipment). (Phase 3)
5. Equipping and training of Volunteer Fire Fighters. (Phase 4)
6. Provision and installation of 'Alerting' systems. (Phase 5)
7. Adoption by the Band of a "Fire Prevention Code".
8. Adoption by the Band of a Fire Safety Budget.
9. Continued follow-up on all phases.

Although the project is broken down into phases, it does not necessarily have to follow, phase to phase, for implementation - local conditions and requirements will dictate the implementation phasing.

The long range goals for the entire Fire Safety Program are two fold:

- a) Band level control of all Fire Safety requirements, and
- b) A constant reduction in annual fire losses

It is emphasized that no phase of the project is conducted without formal consultation with Chief and Councils. These consultations are normally conducted at the Band Office and describe, in general terms, the overall project.

As a general rule, Items 1 and 2 (phase 1) are conducted first, and are, in fact, the major emphasis points throughout the overall project.

Inventories of existing fire equipment have been completed on all northern reserves. The inadequate/unserviceabilities, coupled with the many and varied types/manufacture of fire extinguishers found on reserves, indicate the necessity of continuing the fire extinguisher training, placement and standardization phase of the project.

Basic training in Volunteer Fire Department Operations was conducted at Moose Lake Indian Reserve in December, 1978. Officer cadre instructors from the town of The Pas were hired to provide one week's training (app. 32 hours) on-site, which proved to be advantageous over that of bringing trainees into a central location, i.e. Thompson, which was the location for the 1977 Nelson House training.

The Home Fire Inspection is considered to be an integral part of Phase 1 and has been conducted to date, for the most part, on central northwestern reserves. Approximately 95% of all homes on 10 reserves were inspected during the period September 1978 - June 1979.

It is believed that this part of the project has played a large role in reducing home fires - (particularly fire deaths) and the coming years will see home inspections conducted on every reserve. Upon completion of inspections on any given reserve, Fire Safety staff meet with the Chief and Council to

advise them of their findings. Provision is made to provide Band administrations with the original fire inspection report, and one copy is retained in Regional/District office for review and file purposes. It is felt that the inspection report can be a valuable asset to Band Administrators in their overall planning for home repairs.

Project costs during 1978/79 were \$83,793.00, cost-shared 60/40 by DREE/DIAND.

Project implementation is shown in the following tables B.45 - B.48.

INDIAN RESERVE COMMUNITY SERVICES
FIRE PREVENTION/PROTECTION EXPENDITURES, 1978/79

Staff salaries, travel, accommodation	\$53,365
Band Fire Safety Training	2,652
Fire Fighting Equipment	18,608
Training Aids	9,168
TOTAL	\$83,793

TABLE B.46

INDIAN RESERVE COMMUNITY SERVICES
FIRE PREVENTION/PROTECTION AWARENESS 1978/79

Community	Attendance	Survey	Home Inspection
Bloodvein	40	x	-
Brochet	11	x	-
Crane River	28	x	28
Easterville	-	x	52
Garden Hill	-	x	-
Grands Rapids	-	x	29
Nelson House	-	x	110
Norway House	-	x	8
Pine Creek	-	-	49
Poplar River	32	x	6
St. Theresa Pt.	-	x	-
Shoal River (Indian Burch)	-	x	10
Shoal River (Pelican Rapids)	-	x	58
Wasagamack	127	x	-
Waterhen	-	x	45

Note: Consider home inspections to include at least one person per home inspected receiving Fire Prevention Awareness Training.

TABLE B. 47

INDIAN RESERVE COMMUNITY SERVICESFIRE PREVENTION/PROTECTION FIRE EXTINGUISHERTRAINING - PLACEMENT, SMOKE DETECTORS 1978/79

COMMUNITY	FIRE EXTINGUISHER	CARTRIDGE	RECHARGE POWDER	SMOKE DETECTOR
Bloodvein	90	12	10	-
Brochet	35	4	4	-
Crane River	31	-	6	-
Fort Alexander	-	-	-	10
Fox Lake	28	-	4	-
Gods River	10	-	-	-
Little Black River	40	6	5	-
Moose Lake	-	-	-	65
Poplar River	85	8	10	85

TABLE B. 48

INDIAN RESERVE COMMUNITY SERVICESFIRE PREVENTION/PROTECTION - VOLUNTEERFIRE DEPARTMENT OPERATIONS TRAINING 1978/79

COMMUNITY	BASIC TRAINING ON-SITE	ADVANCED TRAINING WINNIPEG	AUXILLARY FIRE EQUIPMENT	ALERTING SIREN
Moose Lake	13	4	x	x

Project 6 Community Infrastructure Services/Internal Transportation

The objective of this project is to provide internal transportation services in northern Indian communities to facilitate better movement of people and goods, and to improve general public services. Activities include the design and construction of internal transportation works such as new roads, upgrading existing roads, bridges, causeways and docks.

During 1978/79, total expenditures were \$755,970 cost-shared 60/40 between DREE and DIAND.

Details of activities in the design and construction component are listed in Table B.49.

TABLE B. 49

INDIAN RESERVE COMMUNITY SERVICES/COMMUNITYINFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Cross Lake	Advertising for tendering to complete the causeway started in 1977/78. Previous fiscal year expenditure \$176,172.	DIAND	\$204
Fox Lake	Construct .8 miles of road to provide access to newly proposed reserve area and connect to existing road between Sundance and Gillam.	Band	\$8,500
Chemawawin	Construct .5 miles of road to serve a new residential subdivision on the Reserve. To be completed in 1979/80. Total cost \$8,400.	Band	\$4,200
Red Sucker Lake	Prepare a detailed plan and cost estimate for new roads and upgrading of existing roads.	Band	\$3,200
Gods River	Drain land for community expansion, school recreation, new road, etc. Two year project; will require additional \$32,000 in 1979/80.	Band	\$35,000
Berens River	Haul and stockpile gravel for road network. Work completed during winter of previous fiscal year. DIAND invoiced in April, 1978 for \$23,381.	Province of Manitoba	\$23,381

TABLE B. 49 Cont'd

INDIAN RESERVE COMMUNITY SERVICES/COMMUNITY
INFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
Gods Lake	Completion of stockpiling gravel for road reconstruction on the Reserve. Total cost \$50,000 approved previous fiscal year. Not completed due to early break-up. Funds lapsed.	Band	\$30,000
Cross Lake	Prepare preliminary design and cost estimate for school access road and dock. Construction to take place in 1979/80.	Templeton Engineering	\$4,495
Fort Alexander	Completion of rebuilding 4.2 miles of road on north shore to facilitate transportation of school children, provide water delivery to homes and for fire protection. Project was started in 1977/78 with expenditure of \$58,098.	Pluto Construction (supervised by Prov. of Man.)	\$167,000
Berens River	Rebuild 10 miles of road in the community to provide safe transportation of pupils. Study done previous fiscal year \$14,884.	Prov. of Man. and Glenko Construction.	DIIA \$40,253 PROV 40,253 DREE 121,560 <u>\$202,066</u>
Pine Creek	Carry out soil tests for construction of bridge over Sclater River to provide link needed to transport students, water delivery, and general transportation services. Bridge construction scheduled for 1979/80 at a cost of \$161,167.	Burgoyne and Partners	\$2,706

TABLE B. 49 Cont'd

INDIAN RESERVE COMMUNITY SERVICES/COMMUNITY
INFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION 1978/79

COMMUNITY	DESCRIPTION	CONTRACTOR	EXPENDITURE 1978/79
York Landing	Complete construction of .5 miles of new road to serve school and residential area. Two year project at total cost of \$20,000 with \$15,000 expenditure previous fiscal year.	Band	\$5,000
Oxford House	Rebuild portions of internal road system to facilitate transportation of students and local services. Total cost over two years \$23,500. Expenditure in 1977/78 \$11,750.	Band	\$11,750
Little Grand Rapids	Carry out design and estimate work for approximately 3 miles of road.	Templeton Engineering	\$12,083
Cross Lake	Crush and stockpile rock aggregate for road building and causeway repairs.	Glenko Enterprises	\$246,385

Project 7 Multi-Purpose Facilities

The objective of this project is to work toward the provision of multi-purpose facilities in northern Indian communities. This includes the design and construction of a variety of multi-purpose facilities such as halls, recreation facilities, workshops, warehouses and compounds.

During 1978/79, total expenditures were \$323,754 cost-shared 60/40 between D.R.E.E. and D.I.A.N.D.

Activities are displayed in Table B. 50.

TABLE B.50
INDIAN RESERVE COMMUNITY SERVICES
COMMUNITY INFRASTRUCTURE SERVICES/MULTI-PURPOSE FACILITIES 1978/79

COMMUNITY	ACTIVITY	EXPENDITURE
Fox Lake	Multi-purpose building (warehouse, garage, prefab shop) for storage of housing materials, prefabricating housing components, vehicle storage and repair. Total administration by Band utilizing local labour.	\$70,000
Little Grand Rapids	Completion of warehouse which was started in fiscal year 1977/78. Administered by D.I.A.N.D.; local labour employed.	\$21,414
Shamattawa	Completion of Drop-In-Centre which was started in 1977/78. Administered by D.I.A.N.D. Current expenditure for Hydro generation cost.	\$20,876
The Pas Band	Construction of a multi-purpose building for garage, offices, municipal services, and storage of fire truck. Total administration by Band; local labour employed.	\$62,000
Grand Rapids	Pre-buy of material for construction of a warehouse in 1979/80. Pre-buy was administered by D.I.A.N.D.; Band will administer labour portion in 1979/80.	\$29,464
Red Sucker Lake	Pre-buy of material and freight cost for construction of a multi-purpose Band hall in 1979/80. Total administration by Band.	\$55,000
Grand Rapids	Contribution towards construction of a Civic Centre containing a store, laundromat, municipal offices, Band hall, and numerous handicraft display and sales counters. Total administration by Band; local labour employed.	\$65,000

S E C T O R C

TRANSPORTATION AND COMMUNICATION

SECTOR C
TRANSPORTATION AND COMMUNICATION

The objective of this sector, as stated in the Agreement, is:

to move toward providing reliable and reasonable access to all northern remote communities for the transportation of people, goods and services and further to ensure the provision of communications infrastructure to increase the participation of people in community, provincial and national affairs.

Sector C consists of two programs, (1) Surface Transportation and (2) Remote Airstrip Improvement.

PROGRAM 1 SURFACE TRANSPORTATION

This program is designed to provide year-round surface access to remote northern Manitoba communities in order to facilitate the movement of people, goods, and services on both a community and regional basis. Road construction projects under the program are cost-shared 60/40 between the federal and provincial governments with the federal share borne equally by DREE and Transport Canada. Where water crossing facilities are required, costs are shared 60/40 between DREE and the Province.

In 1978/79, six projects were undertaken within this program: Thompson - Split Lake, Easterville Road, Jenpeg - Cross Lake - Norway House, Pre-Engineering and Design, Moose Lake Road and PR 391 - Wabowden-Soab Lake. All roads are being constructed to Manitoba Department of Highways Design Standard #9 (See Table C.1.). The Wabowden-Soab Lake Road is being constructed to Highways Design Standard #5.

TABLE C.1
PROVINCIAL ROADS DESIGN STANDARDS

Department of Highways				
Highways Design Standards			9	
Estimated 20-Year AADT			Under 100	
Number of Lanes		TWO-LANE		
Terrain		Flat	Other	
Design Speed - mph		50	50	
Curvature - maximum degree		6	9	
Gradient - maximum percent		5	8	
Stopping Sight Distance - feet		475	350	
Passing Sight Distance - feet (1)		2,000	1,700	
Surface Type		GRAVEL		
Lane Width - feet		N.A.	N.A.	
Shoulder Width - feet		N.A.	N.A.	
Roadbed Width - feet		24	24	
Right of Way - feet		130	130	
Structures	Clear Width - feet	under 99' long	24	24
		over 99' long	24	24
	Loading		H 20 - S 16 - 44	
	Vertical Clearance		16 feet	

NOTE: In general, these standards are minimum, to be improved when feasible, but to be lowered when heavy economic penalty results.

- (1) Passing sight distance should be available on a minimum of 20 percent of any one mile, and a minimum of 50 percent in any ten miles.

Project 1 Thompson-Split Lake

This project was undertaken to provide all weather surface access between the City of Thompson and the community of Split Lake. During construction of the road link between the two communities, a ferry barge was to provide access between a navigable point at the junction of the Burntwood and Odei Rivers and the community of Split Lake. The marine vessel, the "M.V. Joe Keeper" will be relocated upon completion of the entire road. The project is displayed in Figure C. 1.

Thompson-Split Lake Road

This component of the project includes a road from Thompson to mile 81 on the shore of Split Lake, as well as an access road from mile 78 to the Split Lake Indian Reserve.

In 1978/79 the Department of Highways incurred expenses of \$1,037,922 which were shared 30/30/40 between DREE, Transport Canada and Manitoba, respectively. Progress was as follows:

- a Highways' contract to Ken Cook Ltd. provided for consolidation and gravel on mile 0-46, while work on mile 46-81 involved cleaning up from past winter construction, additional gravelling, consolidation, right-of-way clean-up, and drainage. The road was first operational in September, 1978 for all traffic.
- contract with Tyndall Development provided for the construction of a permanent bridge over the Odei River. While the majority of the construction was completed, minor clean-up work will be done in 1979/80.

Approximately 98% of road construction was completed by March 31, 1979.

The access road from mile 78 to the Split Lake Indian Reserve has yet to be completed. As well, embankment work is to be completed at Orr Creek.

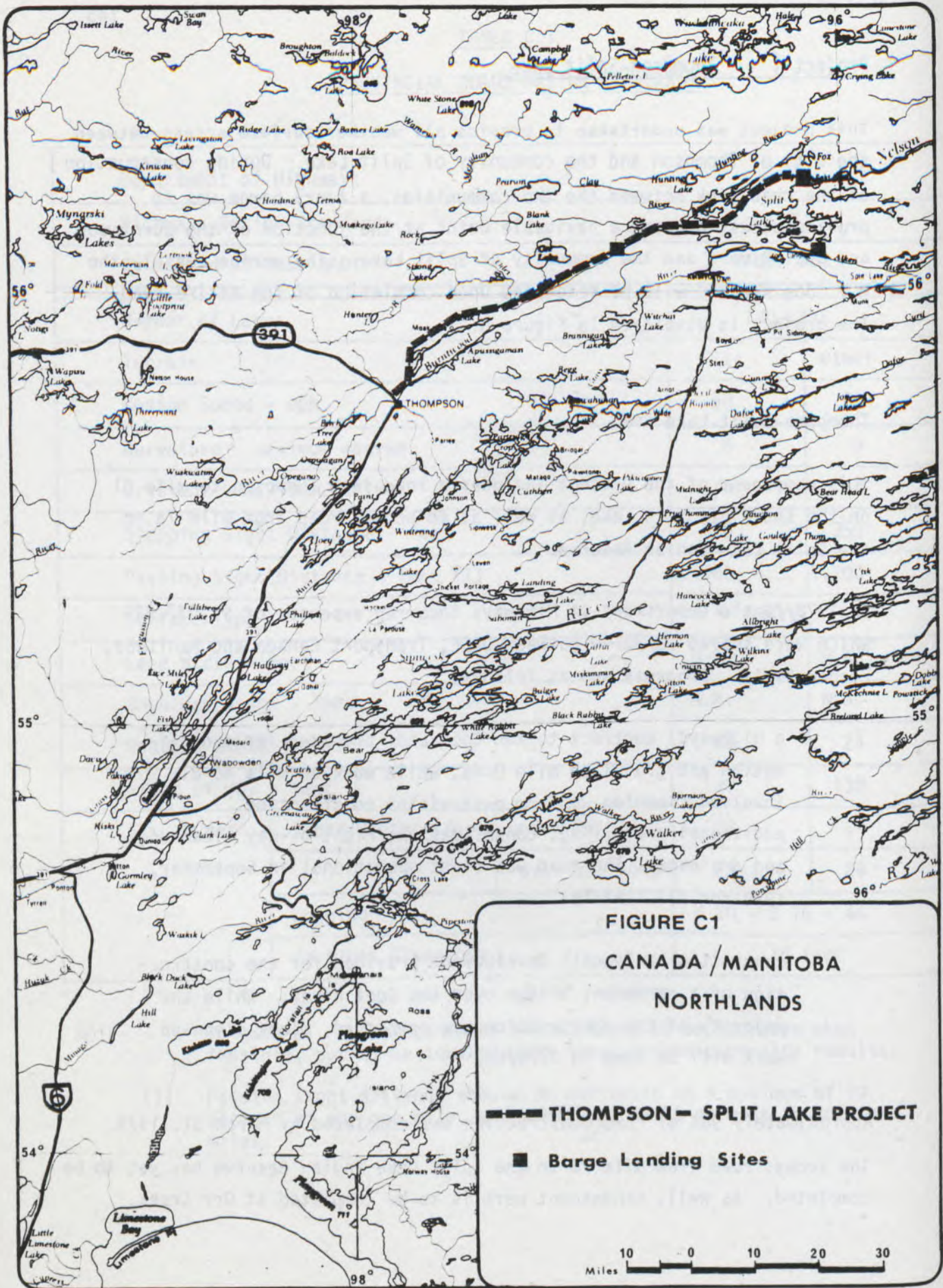


FIGURE C1
CANADA / MANITOBA
NORTHLANDS

THOMPSON - SPLIT LAKE PROJECT

Barge Landing Sites

10 0 10 20 30
Miles

Construction on the Thompson-Split Lake Road during 1978/79 provided a total of 28,613 man hours of labour of which 11,813 or 41% were northern.

Split Lake Marine Facilities

The "M.V. Joe Keeper" is a ferry barge with a 90 ton carrying capacity capable of transporting 16 cars or two high loads with a GVW of 94,000 lbs. It is capable of attaining 6 to 8 knots and has the following ancillary facilities: pilot house, passenger deckhouse, and crew quarters.

In 1978/79 expenditures of \$240,964 were shared 60/40 between Canada and Manitoba on this component. Of this total, \$157,672 was shared 60/40 between DREE and Manitoba, and \$83,292 (landing facilities) was shared 30/30/40 between DREE, Transport Canada and Manitoba.

Work undertaken in 1978/79 included the following:

- installation of channel markings as navigational aids,
- Odei River landing was built up,
- riprap and gravel was applied to the Split Lake Indian Reserve landing,
- completion of landing construction at York Landing including riprapping, and the building of a dolphin.

Project 2 Easterville Road

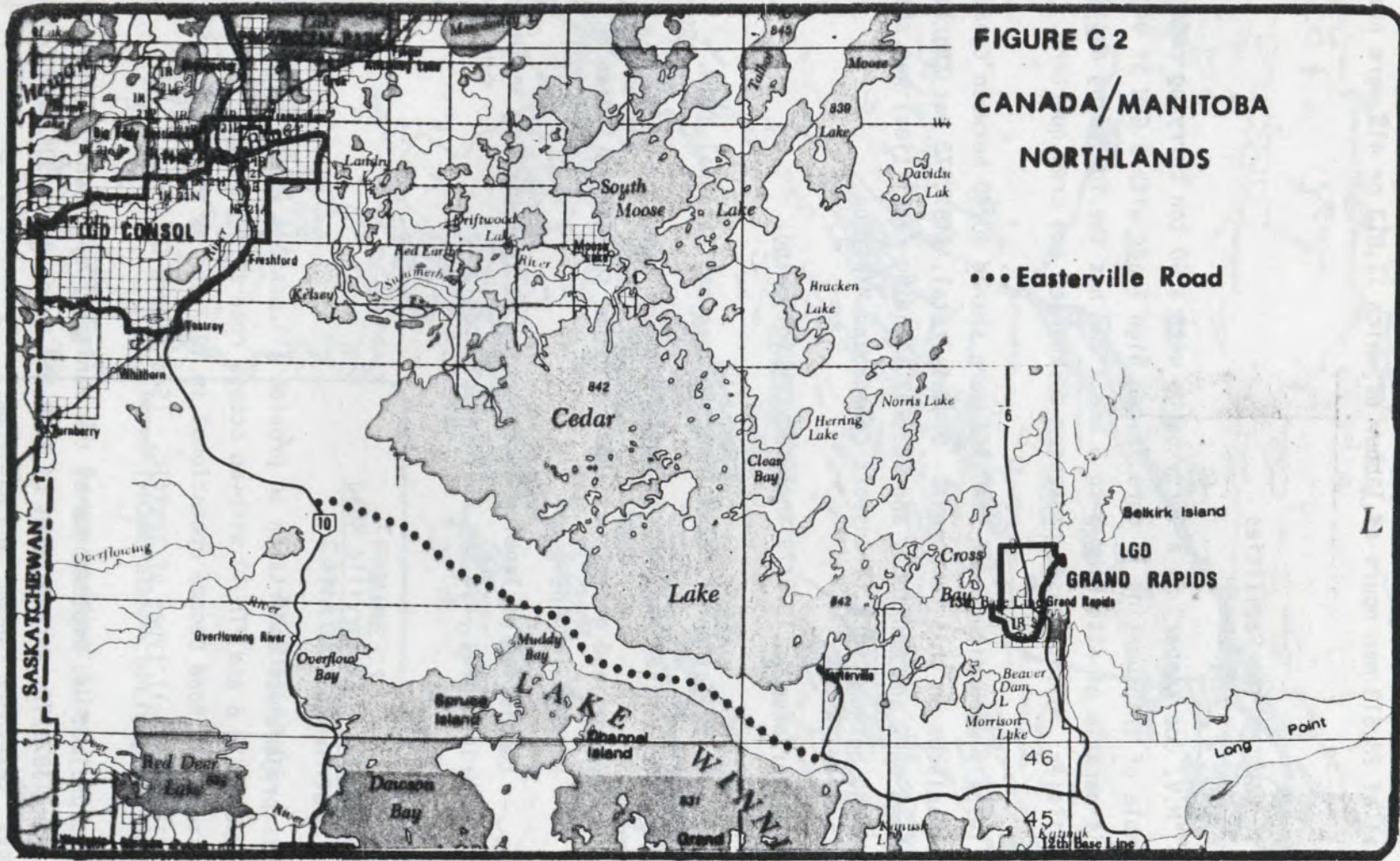
This project was undertaken to provide all weather road transportation between PTH 6 and PTH 10 with an access road to Cedar Lake. The Easterville Road became operational in 1977 and is presently being utilized by all types of traffic. (See Figure C. 2)

This project was implemented by the Manitoba Department of Highways. During 1978/79, expenditures of \$169,355 were shared 30/30/40 between DREE, Transport Canada, and Manitoba.

FIGURE C 2

CANADA/MANITOBA
NORTHLANDS

... Easterville Road



Work on the Easterville Road during 1978/79 consisted of drainage, consolidation, gravelling and environmental clean up. Department of Highways forces performed this work utilizing local hired trucks and dragline. In addition, asphaltic materials were applied to the road to stabilize portions of the sub-grade. Excepting final consolidation requirements this road is now completed.

Construction on the Easterville Road during 1978/79 provided a total of 5,800 man hours of labour for northerners.

Project 3 Jenpeg-Cross Lake-Norway House

This project was undertaken to provide surface access between Jenpeg, Cross Lake and Norway House. It includes a new road linking Jenpeg, Sea River Falls and Norway House; a cable ferry, the "M.V. James Apetagon" across the Nelson River; and a ferry barge, the "M.V. Charlie Sinclair" linking the new road at North Whiskey Jack to Cross Lake (see Figure C.3).

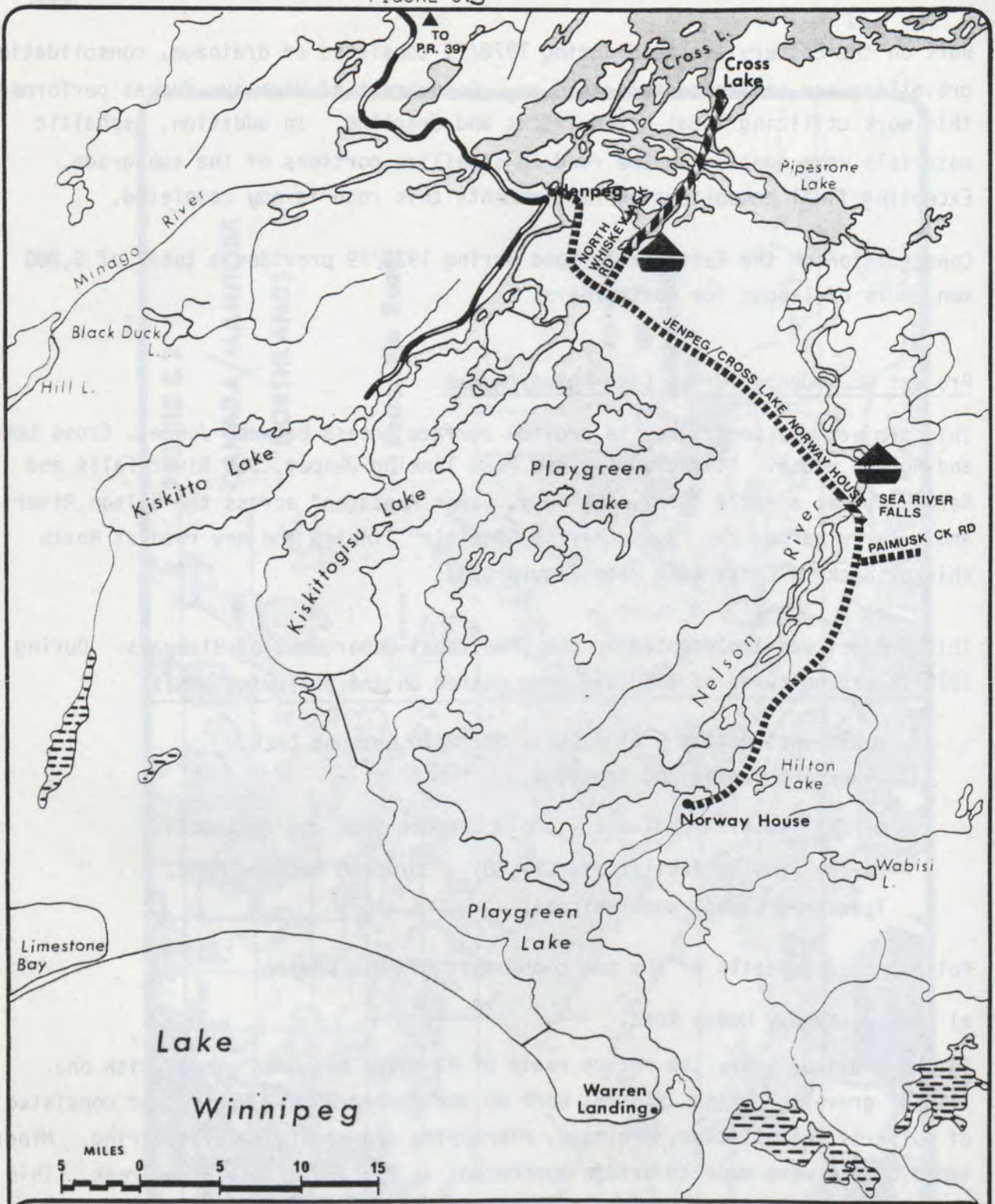
This project was implemented by the (Manitoba) Department of Highways. During 1978/79 expenditures of \$260,019 were shared on the following basis:

- road construction - \$136,669 - 30/30/40 between DREE, Transport Canada and Manitoba.
- marine vessels - \$31,549 - 60/40 between DREE and Manitoba.
- marine landing facilities - \$91,801 - 30/30/40 between DREE, Transport Canada and Manitoba.

Following are details of the two components of this project.

a) Jenpeg-Norway House Road

In the previous year, the entire route of 43 miles had been graded with one lift of gravel. During 1978/79, work on the Jenpeg-Norway House Road consisted of culverts installation, drainage, riprapping and right-of-way clearing. Minor improvements were made to bridge approaches at Big and Little Pine Creek. This project provide a total of 5,000 man hours of labour for northerners.



Jenpeg / Cross Lake / Norway House Road

-  FERRY
-  ROADWAY
-  FERRY ROUTE

b) Jenpeg-Cross Lake Marine Facilities.

During 1978/79 the following work was undertaken on this project:

- channel markings as navigational aids to the ferry barge, M.V. Charlie Sinclair, placed on Cross Lake,
- adjustable ramps were installed at the Cross Lake barge landing site necessitating the placement of gravel and backfill,
- docking facilities were completed at North Whiskey Jack to afford an improved landing site for the ferry barge.
- at Sea River Falls, where the cable ferry M.V. James Apetagan crosses the Nelson River, riprapping was undertaken to improve the ferry landing site. As well a cabin was constructed to accommodate the crew.

Project 4 Pre-Engineering and Design

This project was intended to locate and design further extensions to the northern Manitoba road system to improve access to isolated communities.

In 1978/79 the project consisted of two activities both undertaken or administered by the Manitoba Department of Highways.

a) South Indian Lake Access Road.

During 1978/79 a feasibility study was undertaken regarding the upgrading of an existing all-weather road from Ruttan Lake to South Bay (on South Indian Lake) and a new route location from South Bay to the community of South Indian Lake, which would include a cable ferry as well as a self-propelled ferry. A total of \$17,954 shared 30/30/40 between DREE, Transport Canada, and Manitoba was expended on the study.

b) Cross Lake Route

Investigations were undertaken to locate a land route from the Jenpeg-Norway House road at North Whiskey Jack to the community of Cross Lake. A total of \$119,384 shared 30/30/40 between DREE, Transport Canada, and Manitoba was expended on a preliminary report which involved air photo interpretations and field surveys.

Project 5 Moose Lake Road

This project was undertaken to provide an all weather road access between Atikameg on PR 287 and the community of Moose Lake. This road would provide a link between Moose Lake and The Pas (see Figure C.4).

The Moose Lake Road project was implemented by the Manitoba Department of Highways. In 1978/79 expenditures of \$643,000 were shared 30/30/40 between DREE, Transport Canada and Manitoba, respectively.

In 1978/79, work on the Moose Lake Road was contracted to Erickson Construction of Riverton and involved the completion of grading to Moose Lake and an initial lift of gravel. Additional gravel and consolidation will be required during 1979/80.

Construction of this road during 1978/79 provided 17,300 man hours of labour, 6,000 of which were provided by northern residents.

Project 6 PR 391 Wabowden to Soab Lake

This project was undertaken to provide reliable year round surface access to northern Manitoba communities through the strengthening of the regional road network in support of resource development and inter-community access.

This project was implemented by the Manitoba Department of Highways. In 1978/79 expenditures of \$1,043,297 were shared 30/30/40 between DREE, Transport Canada and Manitoba (see Figure C.5).

Construction during 1978/79 was intended to provide a stable roadway and included embankment widening with quarried rock, and repairs to failure areas with crushed rock aggregate. Construction was carried out over 11 miles. The contract to C. Broda, provided 72,073 man hours of labour of which 48,683 were provided by northern residents.

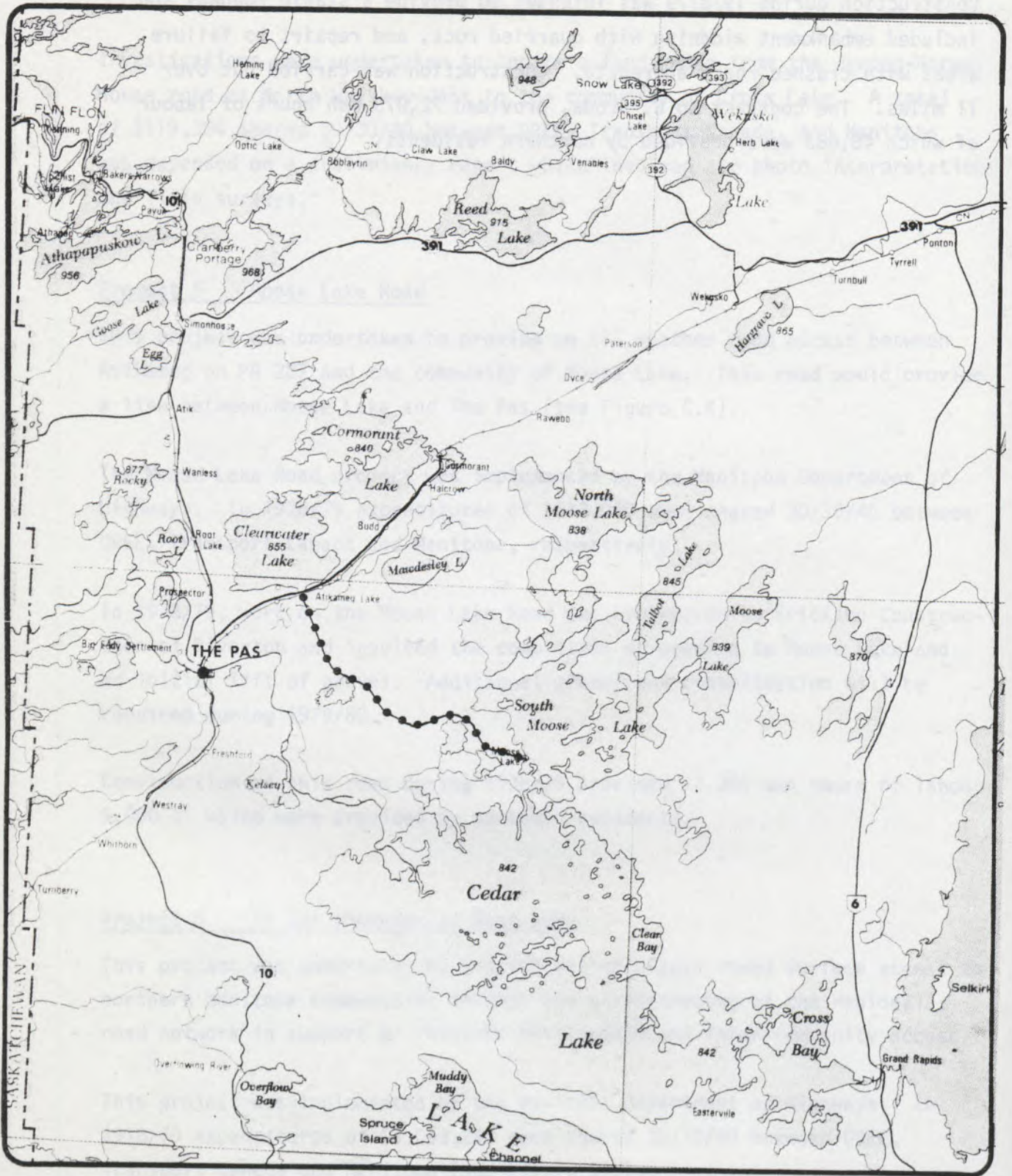
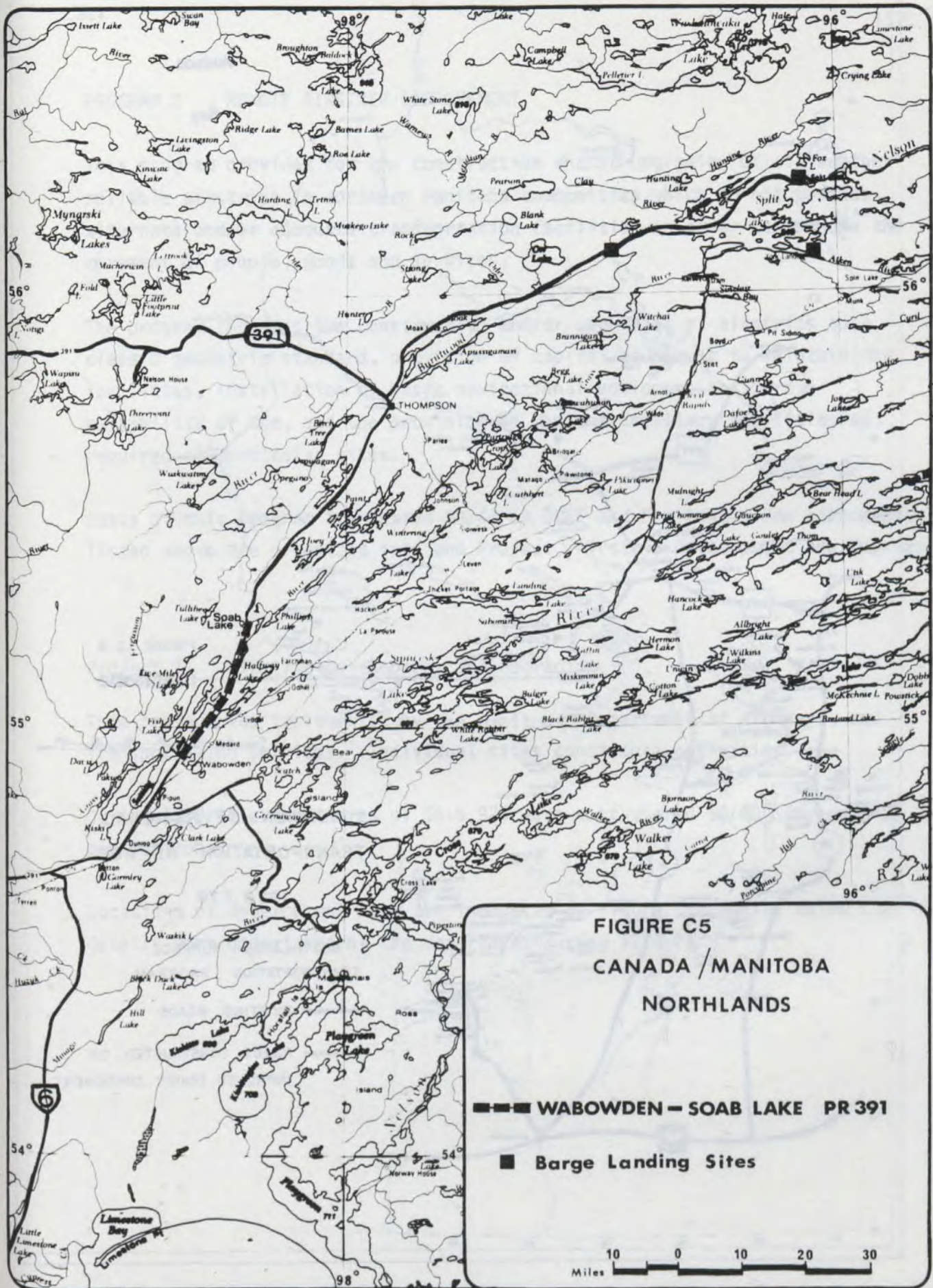


FIGURE C4
CANADA/MANITOBA NORTHLANDS

●● Moose Lake Road



Hudson
Bay

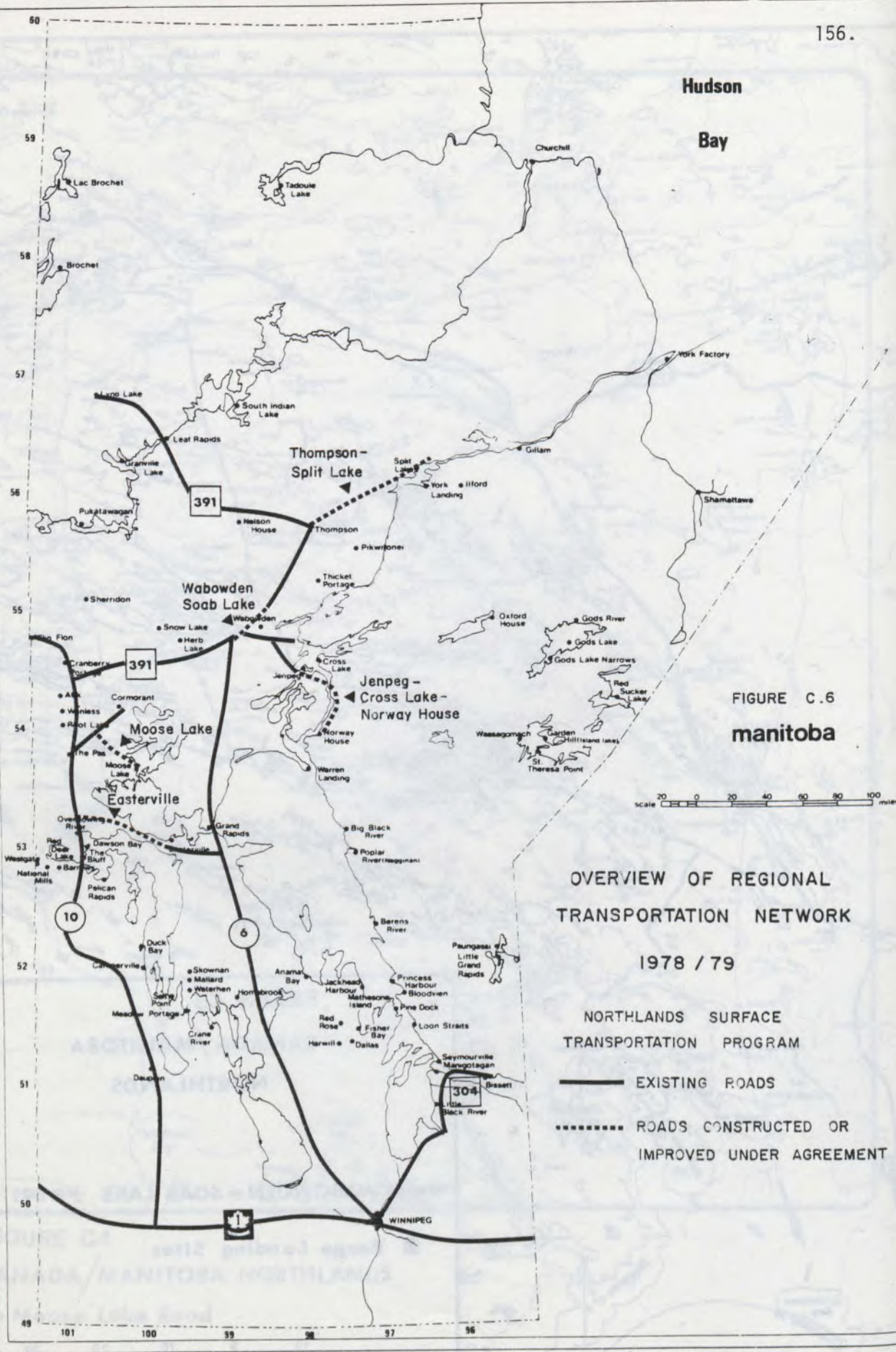


FIGURE C.6
manitoba

OVERVIEW OF REGIONAL
TRANSPORTATION NETWORK
1978 / 79

NORTHLANDS SURFACE
TRANSPORTATION PROGRAM

- EXISTING ROADS
- - - - ROADS CONSTRUCTED OR IMPROVED UNDER AGREEMENT

PROGRAM 2 REMOTE AIRSTRIP IMPROVEMENT

This program provides for the construction and/or upgrading of all weather reliable airstrips in northern Manitoba communities which do not possess alternate and/or adequate transportation facilities in order to improve the movement of people, goods and services.

The program includes the construction and/or upgrading of airstrips to a class D geometric standard, provision of capital equipment to maintain the facilities, installation of basic navigational equipment to improve reliability of use, and the provision of various ancillary facilities as required at particular sites.

Costs of this Program are shared 60/40 by DREE and Manitoba. The components listed above are organized into one Project, Airstrip Development and Upgrading.

Project 1 Airstrip Development and Upgrading

This project was implemented by the Manitoba Department of Highways, and Transportation Services. Individual sites constitute activities.

During 1978/79 expenditures of \$616,922 were cost-shared 60/40 between DREE and Manitoba.

Locations of development work are indicated on Figure C.7, while table C.2 details work undertaken by the department during 1978/79.

TABLE C.2
AIRSTRIP DEVELOPMENT AND UPGRADING
1978/79

Airstrip Location	Description of Work Completed in 1978/79	Contractor					
			Total Number Employed	Total Number of Northerners	Number of Skilled	Number of Unskilled	Total Man-Months of Employment
Lac Brochet	Mobilizing Equipment and Materials for airstrip construction	R. McLean Construction Ltd.	7	2	5	2	1 1/2
Bloodvein	Grading, Fencing (Chain Link), Gravel Crushing & Stockpiling	Bloodvein Band and Dept. Forces Bloodvein Band Marval Construction Ltd.	38	18	27	11	32 1/2
Berens River	Drainage Improvements, Clearing Side Zoning	Brincheski Bros. P & T Construction Ltd. Dept. Forces	6	3	3	3	4 1/2
Little Grand Rapids	Grading	Dept. Forces	3	2	1	2	1
York Landing	Screening Gravel and Stockpiling	Dept. Forces	7	7	4	3	11 3/4
South Indian Lake	Installing Eavestrough on terminal building and equipment shed	Eric's Plumbing	2	-	2	-	1/4
Red Sucker Lake	Construct haul road to granular deposit load, haul and place granular material	Ed's Backhoe Service	5	2	3	2	2 1/2
Garden Hill	Electrical Remedial Demobilize equipment Stockpile granular	Dept. Forces Dept. Forces Ed's Backhoe Service	13	4	10	3	10

*No maintenance equipment was supplied in 1978/79

Hudson
Bay

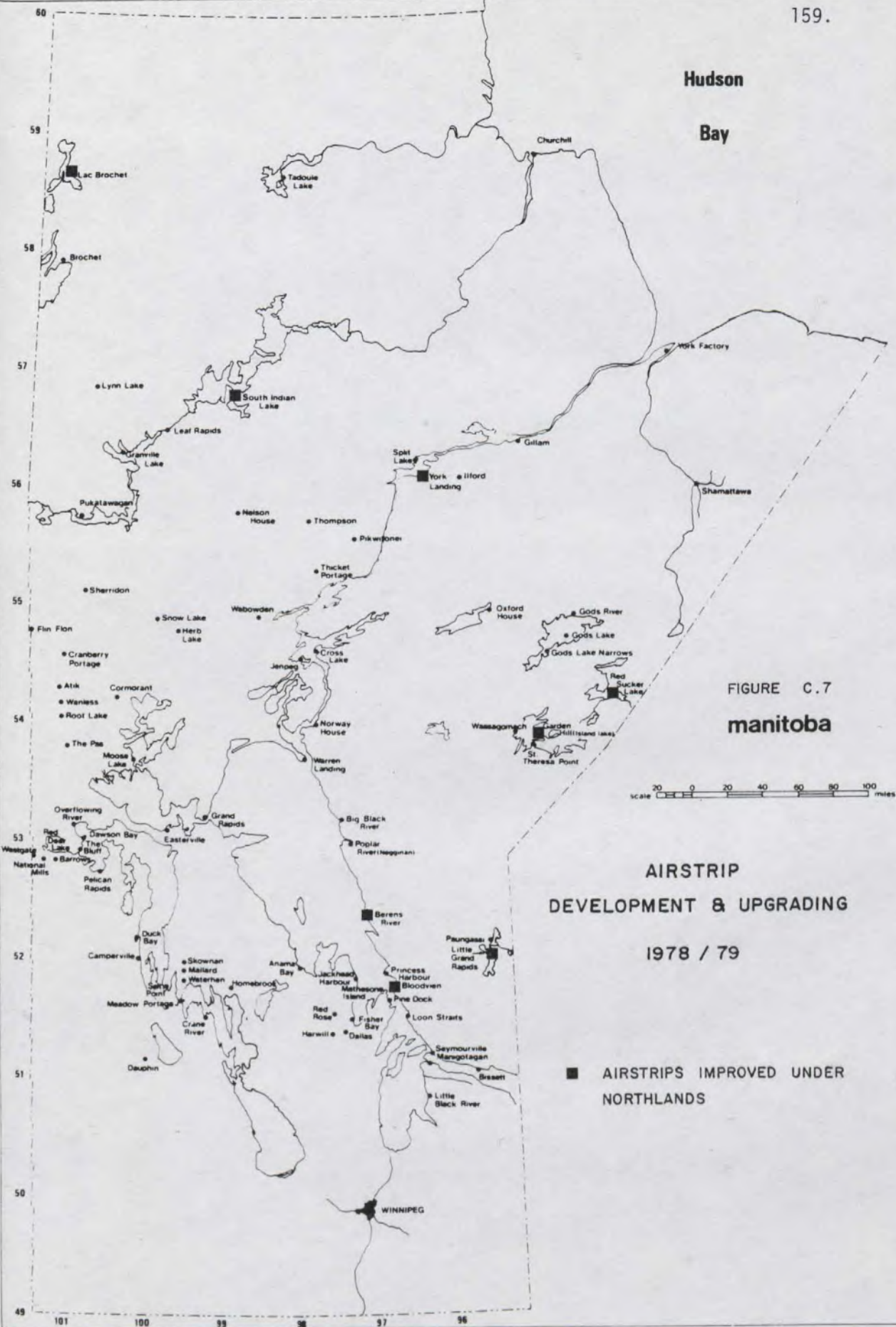


FIGURE C.7
manitoba

AIRSTRIP
DEVELOPMENT & UPGRADING
1978 / 79

■ AIRSTRIPS IMPROVED UNDER
NORTHLANDS

S E C T O R D

COORDINATION AND PILOT ACTION RESEARCH

SECTOR D
COORDINATION AND PILOT ACTION RESEARCH

The objective of this sector is to co-ordinate provincial programming under the Agreement and to undertake various innovative or pilot action initiatives. Sector D consists of two programs, Co-ordination and Administration and Pilot Action Research.

PROGRAM 1 COORDINATION AND ADMINISTRATION

Activities under this program provide for the financial administration and overall coordination of the Agreement. In 1978/79 expenditures of \$341,069 were shared 60/40 between DREE and Manitoba.

During the course of the 1978/79 fiscal year program output under Coordination and Administration included the maintenance of a computerized expenditure forecasting and recording system, performance monitoring, coordination of federal and provincial programming, and progress reporting.

In addition to these activities a joint federal-provincial study was undertaken to review the financial limitations of the surface transportation program, taking into account the progress of all programs specified under the Agreement during the first three years, 1976-1979. The Third Year Review document was submitted to the Joint Ministers responsible for the Agreement in February, 1979.

PROGRAM 2 PILOT ACTION RESEARCH

This program provides for studies and other initiatives of an experimental nature which are designed to investigate innovative approaches to alleviating continuing development constraints in northern Manitoba.

The Program consists of one project with four activities.

Project 1 Pilot Action Research

Activity 1 Log Bundling and Booming

The log bundling and booming activity was designed to study the feasibility of an alternate method of transporting logs and/or pulpwood from lakeshore areas where conventional transportation does not exist or is not suitable.

The Manitoba Department of Northern Affairs, Renewable Resources and Transportation Services provided advisory assistance to the wood rafting operation. During 1978/79 expenditures of \$106,112 were cost-shared 60/40 between DREE and Manitoba.

Efforts during the year were centered on collecting wood which was bundled in 1977/78 from various locations along the Pigeon River. Metik Enterprises Limited of Berens River was contracted to assemble this wood into rafts suitable for towing.

Approximately 1000 cords forming nine rafts were assembled at the mouth of the Pigeon River. Individual rafts were towed by gas boat out to the waiting tugboat, M.S. Rapids, where they were secured together. The tow of 140 miles from Pigeon Bay to Pine Falls averaged two miles per hour.

This study indicated that the bundling and booming method of transporting cordwood might be feasible with modifications designed to improve the security of bundles and rafts during the towing operation, as well as to transport sixteen foot lengths of wood rather than the eight foot lengths utilized in the study.

Activity 2 Northern Gardening

Northern horticultural programming was designed to meet the basic goal of developing land skills in the production of vegetables in northern and remote communities thereby increasing the opportunity for improving the nutritional base of residents living in those communities.

Program services were delivered by the Department of Agriculture utilizing two full-time staff with summer support. Expenditures of \$47,243 were incurred and shared 60/40 between DREE and Manitoba.

During 1978/79 a total of 29 communities participated in one of the eleven agricultural services offered in the north as indicated in table D.1.

Activity 3 Wood Gasification

The Manitoba Energy Council undertook research to determine the feasibility of producing electrical power from local wood resources. A wood gasification process driving an internal combustion generator was selected for testing at Selkirk, Manitoba.

Expenditures totalling \$81,800 were cost-shared 60/40 between DREE and the province.

Results of the testing indicated that extensive modification at considerable cost would be required to both the gas-o-dyne and diesel generator units in order to make them suitable for northern operation.

Based on the theory of wood gasification, it was determined that any remote area with an adequate wood supply could produce electrical power at an overall cost approximately equal to the cost of diesel generation.

TABLE D.1
NORTHERN GARDENING PROGRAM
1978/79

Service Community	Land Breaking	Large Tiller	Hand Tiller	50 x 50 Garden Demo(a)	50 x 12 Tunnel Demo	20 ft. Tunnel Demo	Technical Backup(b)	Hort. Info(c)	Workshop (d)	Commercial Project(e)	Nutrition Advisor(f)
BERENS RIVER		X	X	X	X					X	X
BROCHET		X		X	X		X	X			X
CHURCHILL								X	X		
CRANBERRY PORTAGE		X	X	X		X	X				X
CROSS LAKE		X						X			
EASTERVILLE								X			
FLIN FLON								X			
GILLAM								X	X		
GODS NARROWS								X			
GRAND RAPIDS		X						X			
HOLE RIVER (WANIPIGOW)			X	X	X					X	X
ISLAND LAKE							X	X		X	
JENPEG								X			
LEAF RAPIDS								X	X		
LYNN LAKE								X	X		
MATHESON ISLAND	X				X			X			
MOOSE LAKE								X			
NELSON HOUSE		X					X	X			
NORWAY HOUSE	X	X	X	X	X		X	X		X	X
DXFRD HOUSE								X			
PIKWITDNEI								X			
PINE DOCK		X	X	X	X						
PUKATAWAGAN		X		X	X		X	X			X
SNOW LAKE								X			
SPLIT LAKE								X			
THE PAS								X			
THICKET PORTAGE	X						X	X	X	X	
THOMPSON						X	X	X	X		
WABOWDEN		X	X	X	X		X	X		X	X

- a) Garden Demonstrations were conducted and run by nutrition advisors who also collected production and variety performance data.
- b) Technical back-up provided with emphasis on the larger scale projects such as Thicket Portage and Norway House.
- c) Horticultural information service was the most basic service provided to participating communities with main delivery through C.B.C. North Country Radio.
- d) Garden workshops provide an in-depth presentation on a variety of horticultural projects.
- e) Six communities engaged in commercial projects during 1978/79 with development varying in size from 1 to 25 acres.
- f) The Nutrition advisor program was the main delivery mechanism in promoting gardening in seven northern locations.

Activity 4 Special Investigation Study - P.R. 391

The Manitoba Department of Highways retained the services of Underwood McLellan Ltd. to conduct a geophysical survey over a 25 mile section of Provincial Road 391 from Soab Lake to Provincial Road 375.

The geophysical survey was part of a detailed investigation designed to locate and define the magnitude and condition of all permafrost affected ground.

Results of the initial study indicated that due to the sensitive relationship between the ground cover, climate and permafrost, comprehensive heat balance studies would be required to further assess the effectiveness of various construction methods. These studies will be undertaken in future years.

During 1978/79 a total of \$86,556 was expended and cost-shared between DREE and Manitoba.

APPENDIX A

CANADA/MANITOBA NORTHLANDS AGREEMENT
SUMMARY OF FINANCIAL FLOWS

APPENDIX A

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(i)

SECTOR ALLOCATION (\$'000)	PROGRAM	PROJECT	EXPENDITURE					76-79 TOTAL EXPENDITURE	5-year ALLOCATION	BALANCE OF ALLOCATION	
			78-79 TOTAL	COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE				MANITOBA
"A" Resources & Community Economic Development (\$5,000.0)	1. Community Economic Planning & Support	1. Community Economic Feasibility & Support Services	467.4	--	--	--	280.4	187.0	1433.2	3,000.0	1566.8
	2. Regional Resource Development Planning	1. Regional Resource Investigation & Development	255.6	--	--	--	153.4	102.2	1161.6	2,000.0	838.4
	SECTOR TOTAL			723.0	--	--	--	433.8	289.2	2594.8	5,000.0
"B" Human Development & Community Services (\$93,082.0)	1. Information & Extension	1. Extension Services									
	PROGRAM TOTAL		920.9	--	--	--	552.5	368.4	3562.7	6,000.0	2437.3
	2. Northern Manitoba Human Development Services	1. Northern Development Corps	2370.7	--	--	--	1422.4	948.3	5428.6	15,080.0	9651.4
		2. Northern Corporate & Community Based Enterprises	406.6	--	--	--	244.0	162.6	3773.3	8,232.5	4459.2

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(ii)

SECTOR ALLOCATION (\$'000)	PROGRAM	PROJECT	EXPENDITURE					76-79 TOTAL EXPENDITURE	5-YEAR ALLOCATION	BALANCE OF ALLOCATION	
			78-79 TOTAL	COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE				MANITOBA
"B" Human Development & Community Services (\$93,082.0) Con't	2. Northern Manitoba Human Development Services	3. Adult Professional Development	3405.7	--	--	--	2043.4	1362.3	7314.9	15,770.0	8455.1
		4. Unallocated	0.0	--	--	--	0.0	0.0	0.0	2,350.5	2350.5
	PROGRAM TOTAL		6183.0	--	--	--	3709.8	2473.2	16516.8	41,433.0	24916.2
	3. Manpower Development Services	1. Outreach	498.6	498.6	--	--	--	--	1041.1	2,968.0	1926.9
		2. LEAP	605.2	605.2	--	--	--	--	1384.5	2,548.0	1163.5
		3. IPD	964.7	964.7	--	--	--	--	3074.5	5,400.0	2325.5
		4. ITES	307.2	307.2	--	--	--	--	1117.5	2,000.0	882.5
	PROGRAM TOTAL		2375.7	2375.7	--	--	--	--	6617.6	12,916.0	6298.4
	4. Northern Community Services	1. Community Infrastructure Support Services	312.4	--	--	--	187.4	125.0	1289.4	3,393.0	2103.6
		2. Community Infrastructure Services	1721.6	--	--	--	1033.0	688.6	3342.1	10,357.0	7014.9
PROGRAM TOTAL		2034.0	--	--	--	1220.4	813.6	4631.5	13,750.0	9118.5	

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(iii)

SECTOR ALLOCATION (\$'000)	PROGRAM	PROJECT	EXPENDITURE					76-79 TOTAL EXPENDITURE	5-YEAR ALLOCATION	BALANCE OF ALLOCATION	
			78-79 TOTAL	COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE				MANITOBA
"B" Human Development & Community Services (\$93,082.0) Con't	5. Indian Reserve Community Services	1. Community Infrastructure	238.7	--	--	95.5	143.2	--	654.4	1,900.0	1245.6
		2. Community Infrastructure Support Services	--	--	--	--	--	--	22.5	500.0	477.5
		3. Safe Water Supplies	1665.2	--	--	666.1	999.1	--	3794.8	8,393.0	4598.2
		4. Waste Disposal Facilities	94.0	--	--	37.6	56.4	--	105.4	1,000.0	894.6
		5. Fire Protection/Prevention	83.8	--	--	33.5	50.3	--	314.1	1,100.0	785.9
		6. Internal Transportation Services	756.0	--	--	302.4	453.6	--	2085.5	5,000.0	2914.5
		7. Multi-Purpose Facilities	323.8	--	--	129.5	194.3	--	630.6	1,000.0	369.4
		8. Unallocated	0.0	--	--	0.0	0.0	--		90.0	90.0
PROGRAM TOTAL			3161.5	--	--	1264.6	1896.9	--	7607.3	18,983.0	11375.7

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(iv)

SECTOR ALLOCATION (\$'000)	PROGRAM	PROJECT	EXPENDITURE					76-79 TOTAL EXPENDITURE	5-YEAR ALLOCATION	BALANCE OF ALLOCATION	
			78-79 TOTAL	COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE				MANITOBA
"B" Human Development & Community Services (\$93,082.0) Con't	SECTOR TOTAL		14675.1	2375.7	--	1264.6	7379.6	3655.2	38935.9	93,082.0	54146.1
"C" Transportation and Communication (\$35,667.0)	1. Surface Transportation*	1. Thompson-Split Lake	1278.9	--	336.4	--	430.9	511.6	5316.4	7,212.5	1896.1
		2. Easterville Road	169.4	--	50.8	--	50.8	67.8	2755.4	3,000.0	244.6
		3. Jenpeg-Cross Lake-Norway House	260.0	--	73.8	--	82.2	104.0	8058.2	9,100.0	1041.8
		4. Moose Lake Road	771.6	--	231.5	--	231.5	308.6	2048.6	3,000.0	951.4
		5. Pre-Engineering & Design	137.3	--	41.2	--	41.2	54.9	492.8	1,695.0	1202.2
		6. Wabowden to Soab Lake	1043.3	--	313.0	--	313.0	417.3	1043.3	2492.5	1449.2
		7. Unallocated	0.0	--	0.0	--	0.0	0.0	0.0		
	PROGRAM TOTAL		3660.4	--	1046.7	--	1149.6	1464.1	19714.7	26,500.0	6785.3

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(v)

SECTOR ALLOCATION (\$'000)	PROGRAM	PROJECT	EXPENDITURE					76/79 TOTAL EXPENDITURE	5-YEAR ALLOCATION	BALANCE OF ALLOCATION	
			78/79 TOTAL	COSTS ALLOCATED BY DEPARTMENT							
				CEIC	TC	DIAND	DREE				MANITOBA
"C" Transportation and Communication (\$35,667.0)	2. Remote Airstrip Improvement	1. Airstrip Development and upgrading	616.9	--	--	--	370.1	246.8	2353.2	9,167.0	6813.8
	SECTOR TOTAL		4277.3	--	1046.7	--	1519.7	1710.9	22067.9	35,667.0	13599.1
"D" Co-ordination Pilot Action Research (\$5,000.0)	1. Co-ordination and Administration	1. Co-ordination and Administration	341.1	--	--	--	204.7	136.4	733.0	2,000.0	1267.0
	2. Pilot Action Research	1. Pilot Action Research	312.4	--	--	--	187.4	125.0	769.0	3,000.0	2231.0
	SECTOR TOTAL		653.5	--	--	--	392.1	261.4	1502.0	5,000.0	3498.0
	AGREEMENT TOTALS		20328.9	2375.7	1046.7	1264.6	9725.2	5916.7	65100.6	138,749.0	73648.4

*Surface Transportation projects allocated for three years only.

Totals may differ due to rounding and figures are subject to claims and audit adjustment.

IMPLEMENTING PROVINCIAL DEPARTMENTS *

- | | | |
|-------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| A. | Community Resource Planning and Feasibility Analysis | Department of Natural Resources,
1495 St. James Street,
Winnipeg, Manitoba.
Phone: 786-9572 |
| | Community Wildlife Management | Department of Natural Resources,
Box 28, 59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411 |
| | Business Management Advisory Services | Communities Economic Development Fund,
600 - 428 Portage Avenue,
Winnipeg, Manitoba.
Phone: 949-1844 |
| | Surveys and Mapping | Department of Natural Resources,
1007 Century Street,
Winnipeg, Manitoba.
Phone: 633-9543 |
| <hr/> | | |
| B. | Local Government and Community Services | Department of Northern Affairs,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411 |
| | Youth Travel | Department of Labour and Manpower,
693 Taylor Avenue,
Winnipeg, Manitoba.
Phone: 284-8240 |
| | 4-H North | Department of Agriculture,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411 |
| | Culture and Recreation Services | Department of Fitness, Recreation and Sport,
2nd Floor, 200 Vaughan Street,
Winnipeg, Manitoba.
Phone: 944-4397 |

* This listing reflects recent government reorganizations. For further information, contact Tom Carson, Co-Secretary, Canada/Manitoba Northlands Agreement, 920-405 Broadway Avenue, Winnipeg. Phone: 944-2509

IMPLEMENTING PROVINCIAL DEPARTMENTS Cont'd

Regional Services	Department of Labour and Manpower, 693 Taylor Avenue, Winnipeg, Manitoba. Phone: 284-8240
Program Support Services/ Economic Development Services	Department of Natural Resources, 8th Floor, 405 Broadway Avenue, Winnipeg, Manitoba. Phone: 944-2798
Forestry Counterpart Training	Department of Northern Affairs, 600 - 428 Portage Avenue, Winnipeg, Manitoba. Phone: 949-1844
Channel Area Loggers	Department of Northern Affairs, 600 - 428 Portage Avenue, Winnipeg, Manitoba. Phone: 949-1844
Moose Lake Loggers	Department of Northern Affairs, 600 - 428 Portage Avenue, Winnipeg, Manitoba. Phone: 949-1844
New Careers	Department of Labour and Manpower, 5th Floor, 213 Notre Dame Avenue, Winnipeg, Manitoba. Phone: 944-3161
Brandon University Northern Teacher Education Program	Department of Education, 408A - 1181 Portage Avenue, Winnipeg, Manitoba. Phone: 786-0417
Special Mature Students Program	Department of Education, 408A - 1181 Portage Avenue, Winnipeg, Manitoba. Phone: 786-0417
Northern Community Planning	Department of Municipal Affairs, 10th Floor, 405 Broadway Avenue, Winnipeg, Manitoba. Phone: 944-2531

IMPLEMENTING PROVINCIAL DEPARTMENTS Cont'd

Geotechnical Land Use Studies Department of Natural Resources,
1567 Dublin Avenue,
Winnipeg, Manitoba.
Phone: 786-9515

Safe Water Supply Department of Northern Affairs,
59 Elizabeth Drive,
Thompson, Manitoba.
Phone: 778-4411

Community Roads Department of Northern Affairs,
59 Elizabeth Road,
Thompson, Manitoba.
Phone: 778-4411

Fire Protection/Prevention Department of Northern Affairs,
59 Elizabeth Road,
Thompson, Manitoba.
Phone: 778-4411

C. Thompson-Split Lake Road Department of Highways and
Transportation Services,
1075 Portage Avenue,
Winnipeg, Manitoba.
Phone: 944-3775

Easterville Road Department of Highways and
Transportation Services,
1075 Portage Avenue,
Winnipeg, Manitoba.
Phone: 944-3775

Jenpeg-Cross Lake-Norway
House Road Department of Highways and
Transportation Services,
1075 Portage Avenue,
Winnipeg, Manitoba.
Phone: 944-3775

Pre-Engineering and Design Department of Highways and
Transportation Services,
1075 Portage Avenue,
Winnipeg, Manitoba.
Phone: 944-3775

IMPLEMENTING PROVINCIAL DEPARTMENTS Cont'd

Moose Lake Road	Department of Highways and Transportation Services, 1075 Portage Avenue, Winnipeg, Manitoba. Phone: 944-3775
PR 391 Wabowden to Soab Lake	Department of Highways and Transportation Services, 1075 Portage Avenue, Winnipeg, Manitoba. Phone: 944-3775
Airstrip Development and Upgrading	Department of Highways and Transportation Services, 1075 Portage Avenue, Winnipeg, Manitoba. Phone: 944-3775
<hr/>	
D. Agreement Financial Administration	Department of Finance, Room 46, Legislative Building, Winnipeg, Manitoba. Phone: 944-4150
Agreement Coordination	Department of Northern Affairs, 9th Floor, 405 Broadway Avenue, Winnipeg, Manitoba. Phone: 944-2509
Log Bundling and Booming	Department of Natural Resources, 8th Floor, 405 Broadway Avenue, Winnipeg, Manitoba. Phone: 944-2798
Northern Gardening	Department of Agriculture 59 Elizabeth Road, Thompson, Manitoba. Phone: 778-4411
Wood Gasification	Manitoba Energy Council, Room 402, 310 Broadway Avenue, Winnipeg, Manitoba. Phone: 944-3760

IMPLEMENTING PROVINCIAL DEPARTMENTS Cont'd

Special Investigation
Study PR 391

Department of Highways and
Transportation Services,
1075 Portage Avenue,
Winnipeg, Manitoba.
Phone: 944-3775

IMPLEMENTING FEDERAL DEPARTMENTS

OUTREACH

Canada Employment and Immigration
Commission,
167 Lombard Avenue,
Winnipeg, Manitoba.
Phone: 949-3750/3204

LEAP

CEIC - Job Creation Branch,
1200 Portage Avenue,
Winnipeg, Manitoba.
Phone: 949-3144

Indian Professional
Development

Department of Indian Affairs
Education,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Phone: 949-2442

Indian Training for
Employment Skills

Department of Indian Affairs
Education,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Phone: 949-2442

Community Infrastructure
Support Services

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

Community Infrastructure
Services/Safe Water Supplies

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

IMPLEMENTING FEDERAL DEPARTMENTS Cont'd

Community Infrastructure
Services/Waste Disposal
Facilities

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

Community Infrastructure
Services/Fire Protection/
Prevention

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

Community Infrastructure
Services/Internal Transportation

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

Community Infrastructure
Services/Multi-Purpose
Facilities

Department of Indian Affairs,
1100 - 275 Portage Avenue,
Winnipeg, Manitoba.
Northlands Officer
Phone: 949-3228

Note: For information regarding the function of DREE (Department of Regional Economic Expansion) in the coordination of the Canada/Manitoba Northlands Agreement, contact the Federal Co-secretary at 949-3848.

