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CANADA - MANITOBA NORTHLANDS AGREEMENT

1976 - 81

PROGRESS REPORT, 1977/78

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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>CO-OPERATIVE DEVELOPMENT STRATEGY COMMUNITY RESOURCE PLANNING AND FEASIBILITY ANALYSIS COMMUNITY WILDLIFE MANAGEMENT BUSINESS MANAGEMENT ADVISORY SERVICES REMOTE ECONOMIC AND EMPLOYMENT PROJECTS</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>INFORMATION - COMMUNICATION PIMADJIHOWIN YOUTH TRAVEL 4-H NORTH CULTURE AND RECREATION SERVICES</p> |
| | <p>NORTHERN MANITOBA HUMAN DEVELOPMENT SERVICES</p> | <p>NORTHERN DEVELOPMENT CORPS</p> | <p>REGIONAL SERVICES PROGRAM SUPPORT SERVICES/ECONOMIC DEV. SERVICES FORESTRY COUNTERPART TRAINING</p> |
| | | <p>NORTHERN CORPORATE AND COMMUNITY BASED ENTERPRISES</p> | <p>INTEGRATED BUILDING SYSTEMS/RTM PLANT MINAGO CONTRACTORS CHURCHILL PRE-FAB HOUSING PLANT MISTIK LOGGERS PAKWAGAN COMMUNITY SERVICES CHANNEL AREA LOGGERS MOOSE LAKE LOGGERS DIRECTOR'S OFFICE</p> |
| | | <p>ADULT PROFESSIONAL DEVELOPMENT</p> | <p>NEW CAREERS BRANDON UNIVERSITY NORTHERN TEACHER EDUCATION PROGRAM SPECIAL MATURE STUDENTS' PROGRAM</p> |
| | <p>MANPOWER DEVELOPMENT SERVICES</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>NORTHERN COMMUNITY SERVICES</p> | <p>COMMUNITY INFRASTRUCTURE SUPPORT SERVICES</p> | <p>COMMUNITY TOWNSITE PLANNING COMMUNITY BASE MAPPING GEOTECHNICAL LAND USE STUDIES DESIGN/ENGINEERING FOR COMMUNITY FACILITIES</p> |
| | | <p>COMMUNITY INFRASTRUCTURE SERVICES</p> | <p>SAFE WATER SUPPLY COMMUNITY ROADS FIRE PROTECTION/PREVENTION SANITATION SERVICES OTHER MULTIPURPOSE FACILITIES</p> |
| | <p>INDIAN RESERVE COMMUNITY SERVICES</p> | <p>COMMUNITY INFRASTRUCTURE SUPPORT SERVICES</p> | <p>COMMUNITY PLANNING COMMUNITY BASE MAPPING GEOTECHNICAL LAND USE STUDIES</p> |

INDIAN RESERVE COMMUNITY SERVICES

COMMUNITY INFRASTRUCTURE SUPPORT SERVICES

COMMUNITY PLANNING
COMMUNITY BASE MAPPING
GEOTECHNICAL LAND USE STUDIES

COMMUNITY INFRASTRUCTURE SUPPORT SERVICES

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

SURFACE TRANSPORTATION

THOMPSON-SPLIT LAKE

EASTERVILLE ROAD

JENPEG-CROSS LAKE-NORWAY HOUSE

PRE-ENGINEERING AND DESIGN

MOOSE LAKE ROAD

C. TRANSPORTATION AND COMMUNICATION

REMOTE AIRSTRIP IMPROVEMENT

AIRSTRIP DEVELOPMENT AND UPGRADING

BERENS RIVER
BLOODVEIN
BROCHET
CROSS LAKE
GARDEN HILL
GODS LAKE NARROWS
LITTLE GRAND RAPIDS
MOOSE LAKE
OXFORD HOUSE
POPLAR RIVER
PUKATAWAGAN
RED SUCKER LAKE
SHAMATTAWA
SOUTH INDIAN LAKE
YORK LANDING

D. CO-ORDINATION AND PILOT ACTION RESEARCH

CO-ORDINATION AND ADMINISTRATION

CO-ORDINATION AND ADMINISTRATION

AGREEMENT FINANCIAL ADMINISTRATION
NORTHERN AFFAIRS 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

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CANADA/MANITOBA NORTHLANDS AGREEMENT, 1976-81

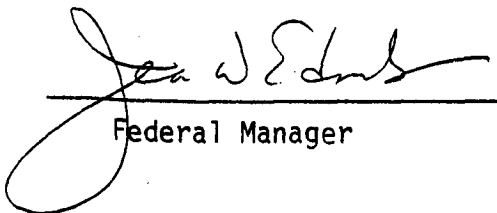
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FOREWORD

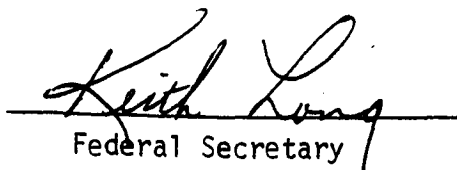
The Federal and Provincial Managers of the Canada/Manitoba Northlands Agreement respectfully submit this Progress Report for 1977/78 as required under Section 8.1 of the Agreement. This section states that information regarding progress shall be made available regularly to the people of northern Manitoba. The first annual Progress Report, covering programming for 1976/77, was published in the fall of 1977.

The report begins with a discussion of the Canada/Manitoba Northlands Agreement under five headings: Background, Purpose and Objectives, Structure, Management and Financing. This 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 flows for the first two years of the Agreement is found in Appendix A. These are identified for sectors, programs and projects. Information on expenditures for 1977/78 at the activity level is provided in the activity progress reports.

The managers and secretaries responsible for 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 which is 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) which provides for joint development of specific agreements for the implementation of social and economic programs which are intended to improve the circumstances 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 finalized, the two governments entered into an Interim Northlands Agreement to facilitate immediate action in areas of obvious priority. Signatories of the Interim Agreement (April 1, 1974 to March 31, 1976) 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 September 15, 1976 at Norway House, Manitoba, the federal and provincial governments signed a five-year Canada/Manitoba long term 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 more rapid economic development, increased employment opportunities 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. The task is a two-fold one of developing work situations which provide positive experiences in industrial development, as well as the information base and infrastructure required for community centred development opportunities.

Subsection 2(2) of the Agreement identifies 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 sub-divided into programs which are in turn broken down into projects, which are further sub-divided into activities, thus providing a range from broad sectoral divisions to specific undertakings. This structure is shown in Figure 1, the fold-out outlining programming under the Agreement for 1977/78.

MANAGEMENT

Co-ordination 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) co-ordinates federal programming through the federal Joint Manager.

The Department of Northern Affairs co-ordinates the programs of twelve provincial line departments through the Provincial Joint Manager. Each is responsible for setting up liaison with the recipient communities to ensure that programming is responsive to community needs. The actual delivery of programming is the responsibility of the implementing departments.

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 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.

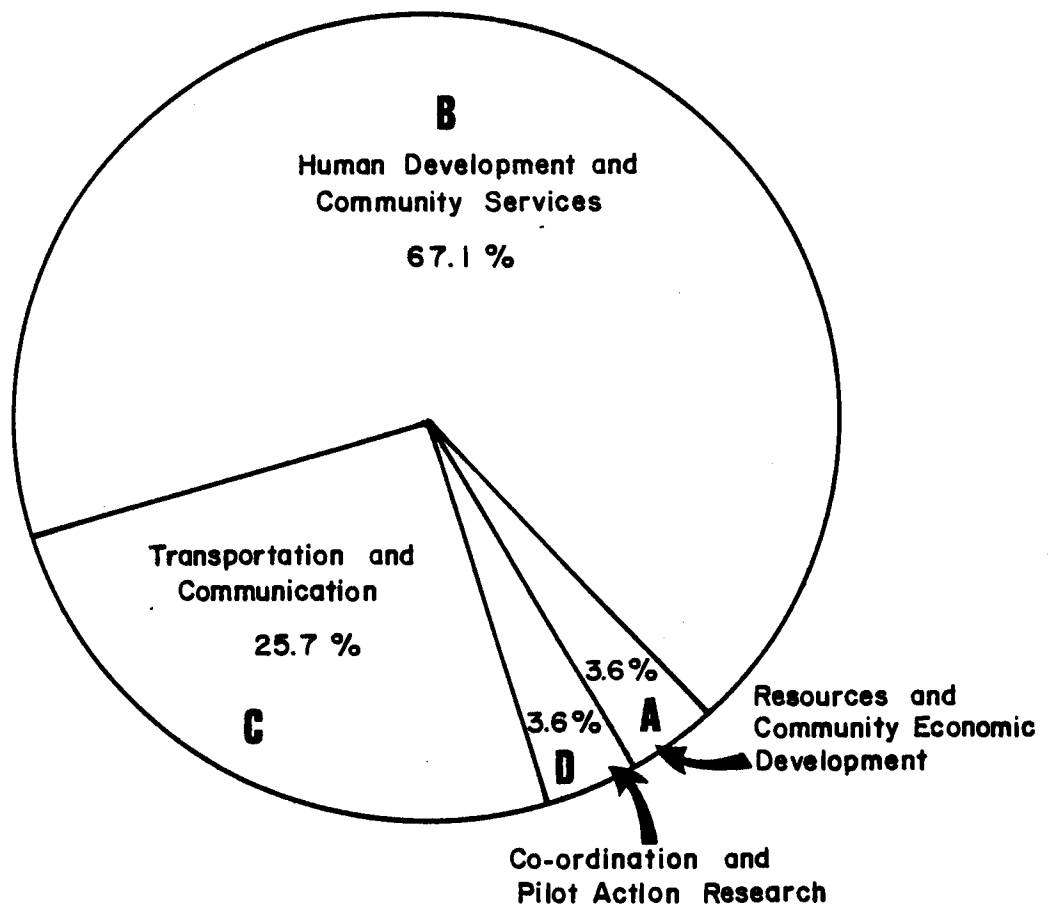
Figure 2 depicts the relative share committed to each of the four main sectors.

TABLE 1
CANADA/MANITOBA NORTHLANDS AGREEMENT
 Summary of Allocations 1976-1981
 (\$000)

| SECTOR | FEDERAL AGENCIES | | | | TOTAL FEDERAL SHARE | TOTAL PROV. SHARE | FIVE-YEAR TOTAL COSTS |
|--|------------------|-----------|------------|------------|---------------------|-------------------|-----------------------|
| | a CEIC | b TC | c DIAND | d DREE | | | |
| 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 COSTS | \$5,516.0 | \$7,500.0 | \$14,993.0 | \$68,000.0 | \$96,009.0 | \$42,740.0 | \$138,749.0 |

- a. Canada Employment and Immigration Commission
- b. Transport Canada
- c. Department of Indian Affairs and Northern Development
- d. Department of Regional Economic Expansion.

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
R E S O U R C E S A N D C O M M U N I T Y E C O N O M I C D E V E L O P M E N T

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 (1) Community Economic Planning and Support and (2) Regional Resource Development Planning.

PROGRAM 1 COMMUNITY ECONOMIC PLANNING AND SUPPORT

This program provides financial 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 1977/78, 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. Reports on the five activities under this project follow.

Activity 1 Co-operative Development Strategy

This activity was implemented by the Manitoba Department of Co-operative Development utilizing the services of one staff member. In 1977/78, expenditures of \$5,963 were shared with DREE contributing 60% and the Province 40%. In 1976/77, this activity investigated the possibility of establishing a co-operative financial service in remote northern communities that would satisfy both community needs and the requirements of the Credit Union Act. Towards this end, the community of Norway House was selected as an appropriate site for a pilot project.

In 1977/78, efforts were concentrated on planning and establishing the Keewatin Credit Union at Norway House. Following is a summary of progress:

- prepared and distributed informational brochures,
- prepared tapes on credit union promotion in English and Cree for use on the local radio station,
- developed and implemented a mass media approach using community meetings, mail-outs, radio spots and posters to clarify credit union principles,
- provided assistance with organization viability studies, operating budgets, accounting systems, etc.,

- provided assistance to Credit Union Personnel, including extensive training for the Board of Directors, a one-week work experience in a Credit Union in Winnipeg for the Manager, and on-site assistance for one week at the opening of the Credit Union.

The Keewatin Credit Union is currently providing limited financial services at Norway House.

Activity 2 Community Resource Planning and Feasibility Analysis

This activity was implemented by the Manitoba Department of Renewable Resources and Transportation Services using the services of some 20 staff members. In 1977/78, expenditures of \$564,237 were shared 60/40 between DREE and Manitoba. The activity was designed to undertake data and information gathering, land use planning, feasibility studies, pilot projects, and general assistance related to known and/or potential resource development possibilities in northern communities.

In 1977/78, three sub-activities were undertaken -- Comprehensive Land Use Planning, Community Resource Development Feasibility Studies, and Community Resource Development.

a) Comprehensive Land Use Planning

This component of the activity aims at providing a systematic approach to the development of Crown land in order to optimize benefits to residents of remote northern communities. Approximately eight staff members were directly involved in 1977/78.

A list of reports prepared in 1977/78 is shown in Table A.1.

TABLE A.1
COMPREHENSIVE LAND USE PLANNING
OUTPUT - 1977/78

| REPORT | AREA | STATUS OF REPORT AT YEAR END |
|--------------------------------------|---|--|
| Resource Allocation | Island Lake Communities Little Grand Rapids/Paungassi Norway House Cross Lake Gods Lake Winnipeg River North | Complete Complete Complete Complete Continuing Continuing |
| Information | Mystery Lake Wabowden | Complete Complete |
| Development Plan | Grand Rapids Thompson | Continuing Continuing |
| Remote Cottage Availability Study | ----- | Continuing |

b) Community Resource Development Feasibility Studies

This sub-activity includes studies and experimentation related to wild rice development, thermal treatment of wood products, a survey of small-scale technology, a portable sawmill, and fish rearing ponds.

i) Wild Rice Development

The intent of this component is to raise the income of wild rice producers and pickers by increasing the production, yield and efficiency of the industry.

In 1977/78 the following assistance was provided: experimental

seeding, undertaking a water control project, demonstrating mechanical pickers, hiring local representatives to monitor water levels and other conditions, experimental processing to explore the feasibility of a small-scale value-added activity, and general advice and support. One full time and one part-time staff member were directly involved.

Table A.2 indicates the communities to which these efforts were directed.

| TABLE A.2 <u>WILD RICE DEVELOPMENT 1977/78</u> | | | | |
|--|---------------|--|---|---------------------------|
| SEEDING | WATER CONTROL | MECHANICAL PICKERS (a) | LOCAL REPS | PROCESSING PLANT |
| Paungassi Little Grand Rapids Poplar River Hollow Water Bloodvein Berens River Jackhead Manigotogan | Hollow Water | Paungassi Little Grand Rapids Hollow Water | Paungassi Little Grand Rapids Poplar River Hollow Water Bloodvein Berens River | Paungassi Hollow Water |
| (a) Monitored by department, operated by community residents, wild rice sold and proceeds distributed among residents. | | | | |

ii) Thermal Treatment

This study explored the feasibility of using small-scale thermal treatment processes on hydro poles and fence posts in remote communities. The services of three staff members were used.

A thermal treatment plant was assembled in Manigotogan. The plant treated a number of fence posts under carefully recorded conditions and forwarded them to the Western Forest Products Laboratory for analysis. Preliminary results indicated that although a portable thermal treatment plant is feasible, a small pressure plant modified for portability would be more economically viable.

iii) Survey of Small-Scale Technology in the Forest Industry

This survey, which utilized the services of one staff member, produced an annotated bibliography on small-scale technology. This was published by the Province of Manitoba and the Western Forest Products Laboratory.

iv) Portable Sawmill

A portable sawmill was designed and constructed for use in communities with insufficient lumber needs to warrant a permanent sawmill. It is presently available for use.

v) Pickerel Rearing Ponds

Pickerel rearing ponds were developed to investigate the possibility of increasing the fish population of Lake Winnipegosis. The ultimate aim is to stabilize and increase the income of fishermen in Winnipegosis, Duck Bay, Camperville, Denbeigh Point, Whitefish Point, Mafeking and Pelican Rapids. To date, eight ponds have been constructed. These will be monitored to determine their effectiveness. In 1977/78 a dike was put in at one new site, Salt Point on Lake Winnipegosis. Construction at this site was 80% completed. In addition, improvements were carried out at several existing sites.

c) Community Resource Development

This sub-activity consisted of management assistance to forestry and fisheries undertakings, planning assistance to wildlife development, and on-going support by Department field staff.

i) Management Assistance

- Forestry

This component provided management assistance to logging and sawmill operations in Little Grand Rapids, Pine Dock, Jackhead, Easterville and Manigotogan.

- Fisheries

This component provided organizational and management assistance to help northern fishermen reactivate the fisheries at Lac Brochet and Brochet.

ii) Wildlife Development

Under this component, the Department provided planning services designed to improve the utilization of wildlife resources. This included:

- assistance to the Skowman community in exploring the feasibility of establishing a wildlife outfitting service,
- the design of a methodology for the development of a barren-ground caribou management plan. The methodology emphasizes user involvement in the planning process. The plan is complicated by the interjurisdictional range of the caribou.

Therefore, the design of the planning process had to incorporate inputs from Department of Indian and Northern Affairs and Canadian Wildlife Services; the hunters of Northwest Territories, Saskatchewan, and Manitoba; and resource managers from the same jurisdictions.

- discussions with Moose Lake Indian Band on the possibility of initiating a moose ranching project.

iii) Field Staff Activities

This component included all additional initiatives related to community oriented resource development undertaken by the field staff of the Department. Typical activities included assisting communities to identify the surrounding resources, to discuss potential resource harvesting ventures, to start up new ventures, and to maintain on-going operations.

Activity 3 Community Wildlife Management

This activity was implemented by the Department of Renewable Resources and Transportation Services utilizing a staff of 3 full time and 3 part-time. During 1977/78, expenditures of \$125,626 were shared 60/40 between DREE and Manitoba.

The Community Wildlife Management activity was designed to benefit residents of northern communities by examining methods of improving the utilization and management of wildlife resources. It consisted of four sub-activities:

- a) assessing the means of developing and implementing a coordinated management plan for barren-ground caribou, primarily affecting the residents of Brochet, Lac Brochet and Tadoule Lake,
- b) examining methods for developing the woodland caribou resource,
- c) exploring the commercial potential of the consumptive and non-consumptive use of polar bears,
- d) providing a functional center for resource development and distribution of resource information to residents, biologists, researchers and tourists.

Progress in each of the sub-activities for 1977/78 is summarized in Table A.3.

Activity 4 Business Management Advisory Services

This activity was implemented by the provincial funding agency, Communities Economic Development Fund (CEDF) utilizing a staff of 10, four of which were cost-shared. During 1977/78, expenses of \$116,582 were cost-shared 60/40 between DREE and Manitoba.

The Business Management Advisory Services activity provides:

- basic accounting training to CEDF staff,
- assistance to northern businesses in development of financial systems,
- small business management training and advisory services to northern businessmen.

TABLE A.3
COMMUNITY WILDLIFE MANAGEMENT

| SUB-ACTIVITY | COMMUNITIES AFFECTED | PROGRESS IN 1977/78 |
|---|--|--|
| <p>Barren Ground Caribou</p> | <p>Tadoule Brochet Lac Brochet</p> | <ul style="list-style-type: none"> - Informal meetings with residents - Formation of a Caribou Management Group with representation from Manitoba, Saskatchewan and the Northwest Territories - Test program for using remote sensing for counting caribou completed in co-operation with Saskatchewan and Northwest Territories - Method for mapping habitat devised and ready for implementation in 1978/79 - Program to study costs of fire suppression developed and ready for implementation in 1978/79 - 4 man-months of local employment provided |
| <p>Woodland Caribou</p> | <p>Churchill</p> | <ul style="list-style-type: none"> - Manuscript summarizing two years of work on the Cape Churchill herd currently underway - Test program for ascertaining annual hunting season and harvest developed |
| <p>Polar Bear</p> | <p>Churchill</p> | <ul style="list-style-type: none"> - Biological information collected - Meetings with local Polar Bear Committee - Intensive public relations and public education program - Brochure entitled, "Watching for Nanook" published - Report on Polar Bear Management submitted to Canadian Wildlife Journal - Two manuscript reports close to completion |
| <p>Northern Resource Development Centre</p> | <p>Churchill</p> | <ul style="list-style-type: none"> - Meetings with local residents regarding designating 6,000 square miles as the Cape Churchill Wildlife Management Area - Meetings with local committees about resource development programs - Public education through slides, displays, maintenance of a resource library, etc. - Departmental publication entitled, "Taiga, Tundra and Tidal" - 3 man-months of local employment provided |

- Employment associated with these services range from three to 30 man-years.

Table A.4 summarizes activities undertaken in 1977/78.

Activity 5 Remote Economic and Employment Projects

This activity was implemented in 1976/77 through Manitoba's Special Northern (Native) Employment Program and was designed to increase the level of small-scale economic development in remote northern communities.

The 1977/78 costs, \$750 shared 60/40 between DREE and Manitoba, represented a holdback payment to Pine Dock Development Corporation for a project approved in 1976/77.

BUSINESS MANAGEMENT ADVISORY SERVICES, 1977/78

| Clients | Design & Implementation of Accounting System | | | Management Assistance | Accounting Training and/or Assistance | Other |
|--|--|----------------|-------------------------------------|-----------------------|---|-------|
| | Design | Implementation | Preparation of Financial Statements | | | |
| Moak Lake Lodge Ltd. (Grand Rapids) | x | x | | 2 people (assistance) | | |
| Resident (Leaf Rapids) | | x | x | 1 person (training) | | |
| Pi-wi-chi-ka-mac (Cross Lake) | | x | | 1 person (training) | Assistance in formation of Community Development Corporation. | |
| Easterville Harvesting Co. Ltd. | | x | | | Quarterly evaluations regarding productivity funding sources. | |
| Nininau Enterprises (Cross Lake) | | x | x | | | |
| Clemon's General Store (Thicket Portage) | x | x | | 2 people (training) | | |
| Cree Nation (Norway House) | x | x | | 4 people (assistance) | | |
| Donaldson's Handicrafts (Thompson) | x | x | x | 1 person (training) | | |
| Northern Vibrations (Thicket Portage) | x | | | 4 people (assistance) | Training in normal banking procedures. | |
| Island Lake Ramp & Dray Service | x | x | | 1 person (assistance) | | |
| Sasagiu Rapids Lodge Ltd. | x | x | | 2 people (assistance) | | |
| Churchill Community Development Corporation | | | | | Involvement with Board of Directors to identify economic development opportunities and general assistance. | |
| Churchill Research Centre Inc. | x | x | | | Involvement as Director and negotiations with government and grant foundations regarding operating grants. | |
| Resident (Oxford House) | | | | 1 person (training) | Assistance with arrangement for short term loan and contract negotiations. | |
| Resident (Oxford House) | x | | | 1 person (assistance) | | |
| Pun-Na-Fuse-Win Inc. (South Indian Lake) | x | x | | | Consultation with Board and Manager monitoring and assistance with establishing continuing program. | |
| Resident (Easterville) | | | | | Negotiations regarding reopening of cafe and transfer of assets by way of a new loan. Consultation with Band, Community Council and new borrower. | |
| Cumberland Trailer Court (The Pas) | | | | | Ongoing negotiations as mediator and negotiator with the Town, the Band and the Federal Government to resolve existing financial difficulties. | |
| Manigotogan Development Corporation | | | x | | Consultation with local Board of Directors and Community Council. | |
| Residents (The Pas) | | | x | | Negotiations with Department of Indian Affairs. | |
| Residents (The Pas) | | | x | | Consultation with client's accountant. | |
| Resident (Manigotogan) | x | | | | | |
| Resident (Manigotogan) | | | x | | Monitoring of record-keeping. | |

PROGRAM 2 REGIONAL RESOURCE DEVELOPMENT PLANNING

This program provides the financial assistance required in the identification, specification and assessment of major resource development projects. To date, one project has been initiated.

Project 1 Regional Resource Investigation and Development

This project consists of two related activities -- Surveys and Mapping, both of which were undertaken by the Manitoba Department of Renewable Resources and Transportation Services. Surveys consist of establishing first order vertical and horizontal control for a number of communities on a prioritized basis. The information is then used to prepare maps on a scale of 1:20,000 covering a radius of approximately 25 miles around the community. The intent is to provide potential resource users with meaningful data related to the land capability of these areas.

Figure A.1 provides an overview of the areas covered. Further details are provided in the following activity reports.

Activity 1 Surveys

The Department of Renewable Resources and Transportation Services utilized a staff of two persons on this activity. During 1977/78, expenses of \$437,246 were shared 60/40 between DREE and Manitoba. In 1977/78, the following delivery was achieved:

- 172 miles of first order vertical control were completed along winter roads in Northern Manitoba,
- 43 horizontal control stations were established via use of the Doppler Satellite system,

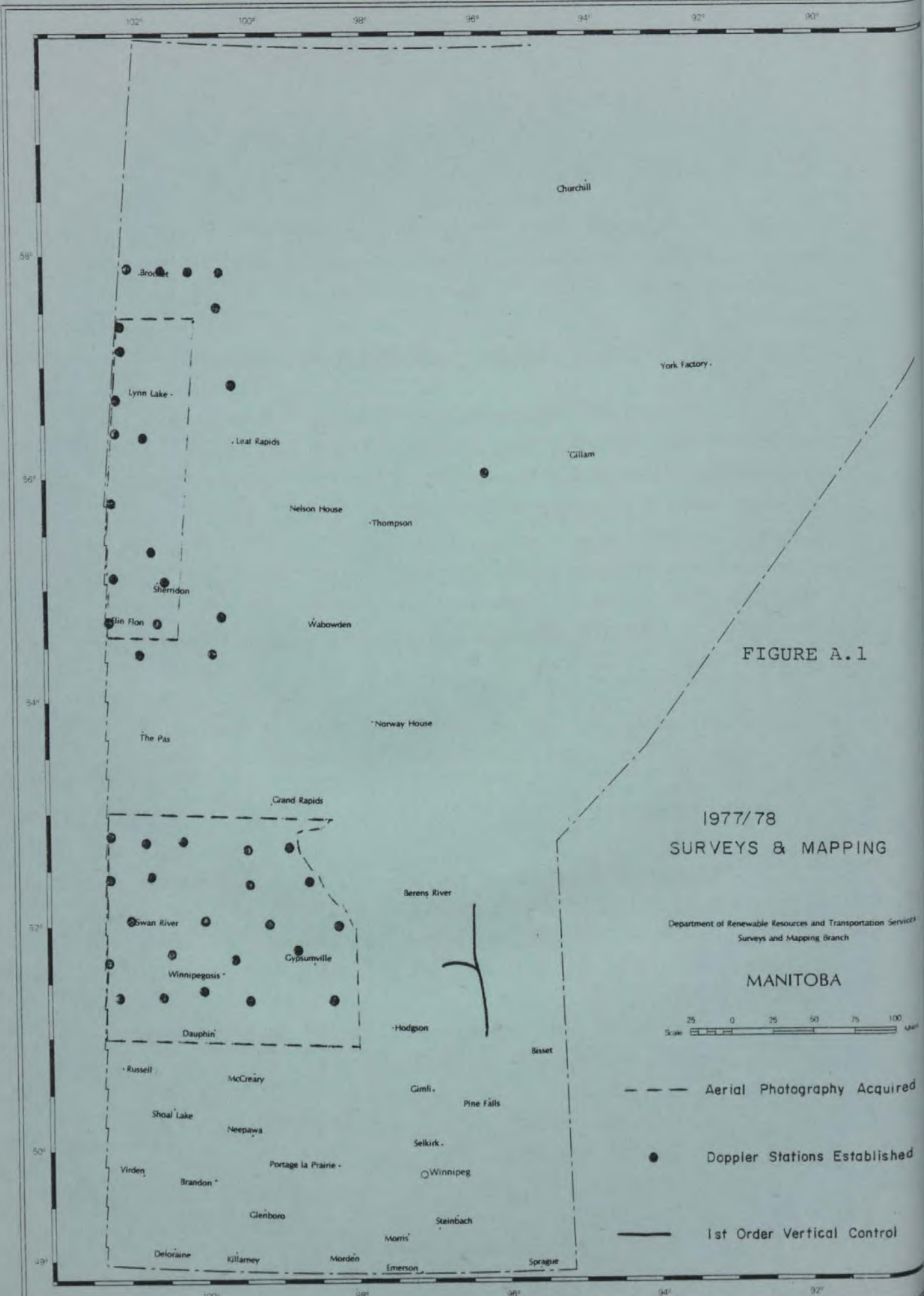
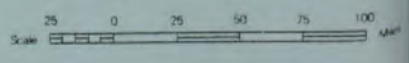


FIGURE A.1

1977/78
SURVEYS & MAPPING

Department of Renewable Resources and Transportation Services
Surveys and Mapping Branch

MANITOBA



- Aerial Photography Acquired
- Doppler Stations Established
- 1st Order Vertical Control

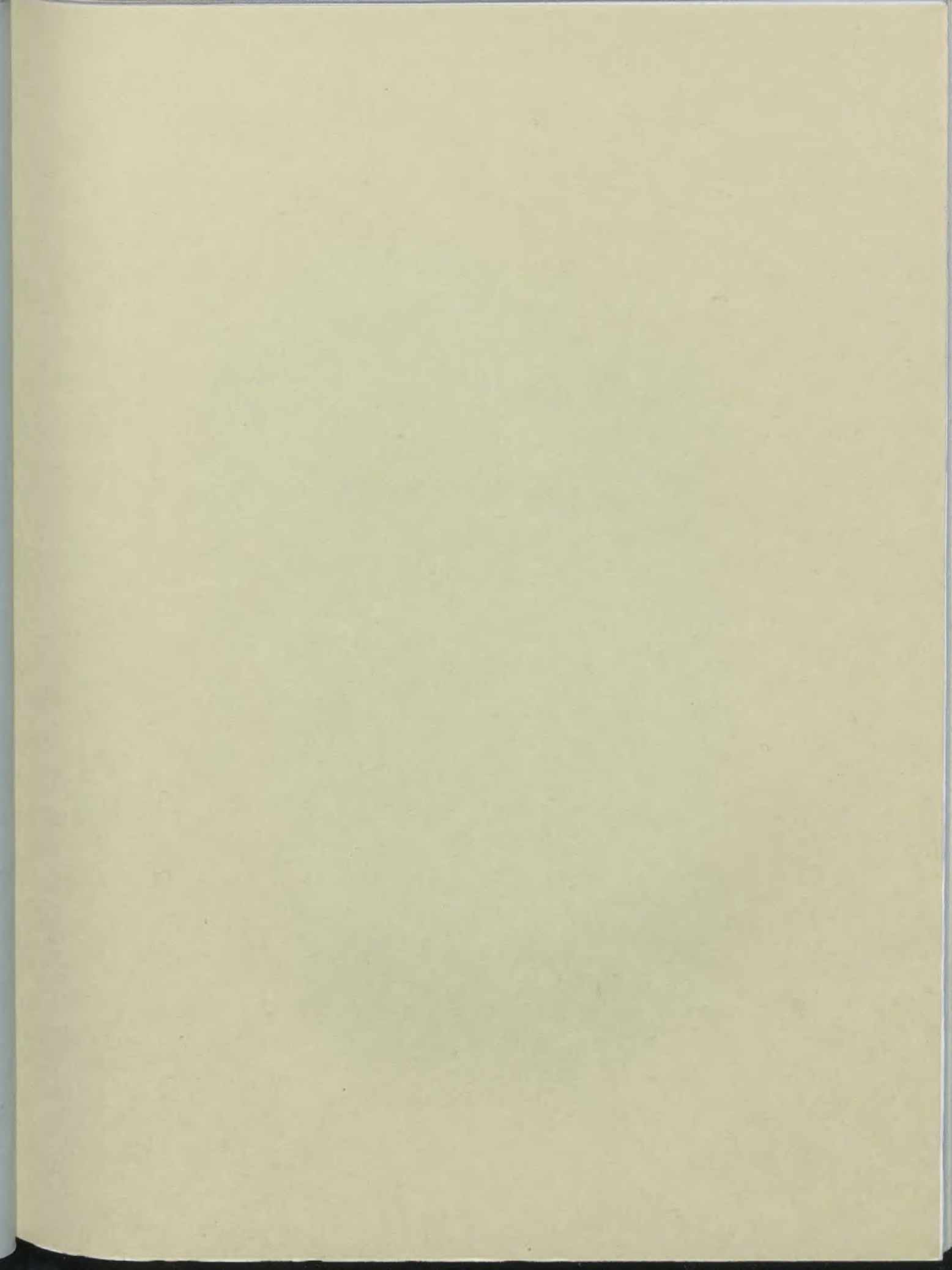
- 3,000 km of elevations were established by the altimetry method,
- site preparation and targetting were completed for the 1:20,000 Mapping program,
- the computer data file was maintained.

Activity 2 Mapping

The Department of Renewable Resources and Transportation Services utilized a staff of five persons on this activity. During 1977/78 expenses of \$160,918 were shared 60/40 between DREE and Manitoba. Output during 1977/78 is shown in Table A.5.

TABLE A.5
MAPPING PROGRESS 1977/78

| COMPILATION | | | AEROTRIANGULATION | ALTIMETRY | AERIAL PHOTOGRAPHY |
|-------------|---|-----------------|------------------------|--|--|
| 30% | 50% | 100% | | | |
| Shanmatawa | Bissett | York Factory | Little Grand Rapids | Red Sucker Lake | Red Deer |
| Manigotogan | Fisher Bay Red Rose Dallas Harwill Pine Dock Matheson Island Bloodvein Princess Harbour Jackhead Harbour Anama Bay Poplar River Warren Landing Wanipigow Norway House Big Black River | | Berens River | Gods Lake Narrows Gods Lake Gods River Oxford House | Westgate Pelican Rapids Duck Bay Camperville Skownan |



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.

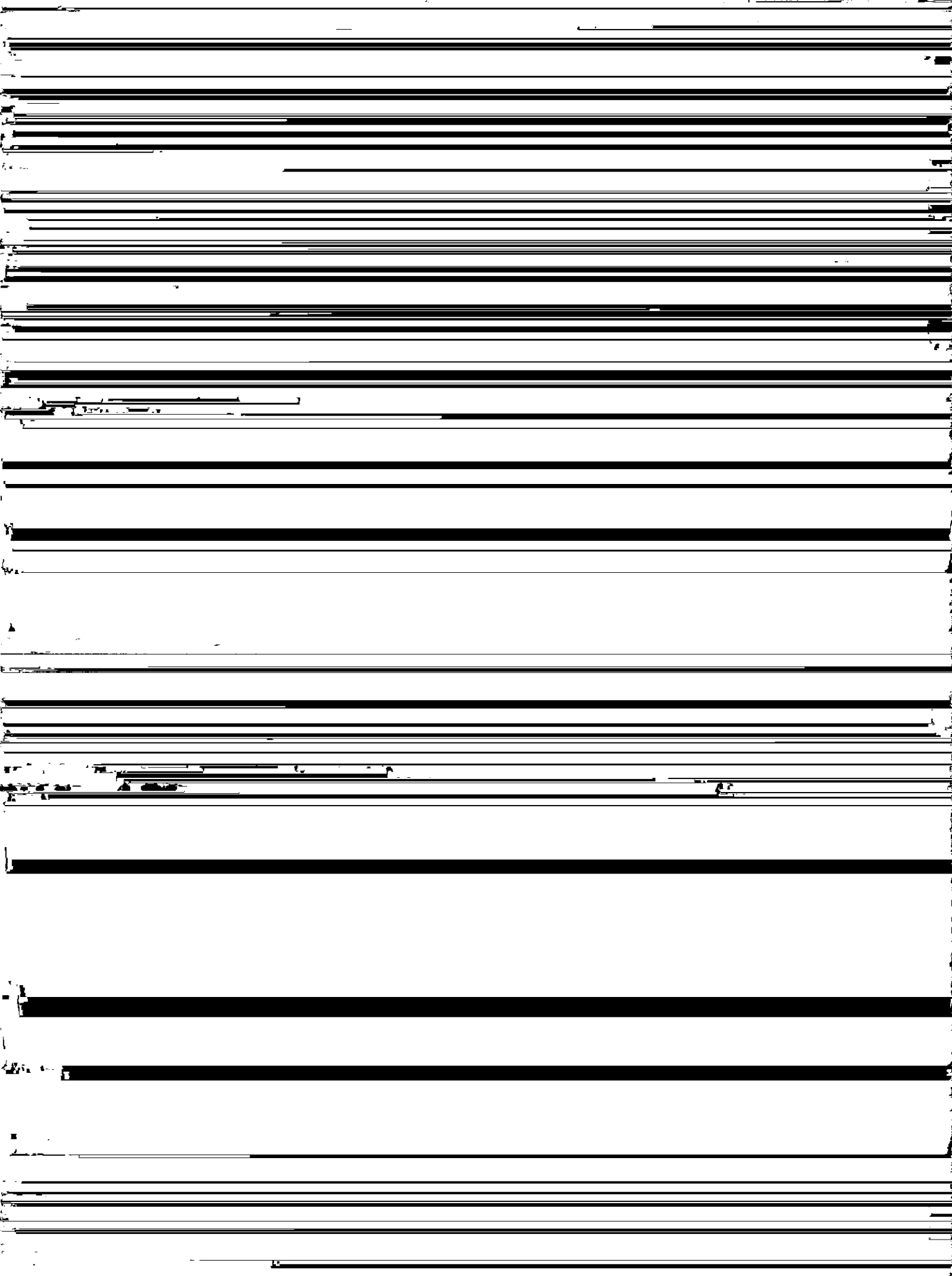


TABLE B.1

| STRUCTURE OF INFORMATION - COMMUNICATION ACTIVITY | | | |
|---|---------------------|--|---|
| 1977/78 | | | |
| COMPONENTS | NO. OF STAFF SHARED | NEWSLETTER | COMMUNITIES SERVED |
| Thompson (Regional Headquarters) | 5 | Achimowin 33 Issues circulation 2055 | Ilford, Gillam, Shamattawa Pikwitonei, Split Lake, Thicket Portage, Wabowden*, Nelson House, Jenpeg, Cross Lake*, Gods Lake, Gods River, St. Theresa Point, Garden Hill, Red Sucker Lake, Oxford House, Norway House. |
| Leaf Rapids (Regional Headquarters) | 3 | Achimowin | Graville Lake, Pukatawagan, South Indian Lake, Brochet, Lac Brochet, Tadoule Lake. |
| The Pas (Regional Headquarters) | 4 | The I/C Weekly 21 issues circulation 2237 | Sherridon, Cormorant, Easterville Grand Rapids, Moose Lake, Cranberry Portage |
| Selkirk (Regional Headquarters) | 4 | Lakeland News 18 issues circulation 1150 | Big Black River, Poplar River, Princess Harbour, Bloodvein, Matheson Island, Bissett*, Berens River*, Pine Dock*, Loon Straits, Fisher Bay, Dallas/Red Rose, Harwill, Jackhead Harbour, Home- brook, Anama Bay. |
| Dauphin (Regional Headquarters) | 6 | Manipogo 49 issues circulation 3200 | Duck Bay, Camperville, Salt Point, Meadow Portage, Toutes Aides*, National Mills, Mafeking*, West- Gate, Crane River*, Waterhen, Mal- lard, Barrows*, Pelican Rapids. |
| Media Centre (Thompson) | 2 | | All communities |
| Print Shop (The Pas) | 2 | | All communities |
| * Regional sub-offices | | | |
| NOTE 1. Figures for the actual number of staff shared are approximations due to turnover, vacancies, restrained positions, etc. | | | |
| 2. Total circulation for newsletters - 300,000. | | | |

- Economic Development Facilitation and Support
- Local Government Assistance
- Direct Assistance to Organizations
- Miscellaneous Delegations, Workshops and Services
- Drop In and Inquiry Centre (regional sub-office).

Activity 2 Pimadjihowin

This activity was formulated as the Northeast Manitoba Development Initiative under the terms of the Interim Northlands Agreement. The project was renamed Pimadjihowin - CREE for Livelihood - at the suggestion of the projects advisory committee - a committee composed of the leaders of the 22 communities of northeastern Manitoba. Pimadjihowin was designed to provide the opportunity and guidance required for local residents to do their own economic and community planning.

The first phase was completed in 1976/77 and a report prepared on behalf of the advisory committee by P.M. Associates. In that report the advisory committee indicated their satisfaction with the project and recommended a second phase with greater emphasis on the development of a regional planning capability staffed by northerners and located in four regional centers in north-east Manitoba. A planning group was formed to further explore this approach; concurrently the phase one staff was disbanded.

Costs in 1977/78, \$14,104 shared 60/40 between DREE and Manitoba, represented final payments for expenses incurred in the previous year.

TABLE B.2(a)

INFORMATION-COMMUNICATION, 1977/78

THOMPSON OFFICE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|---|--|---|--|---|
| <ul style="list-style-type: none"> - Assistance and advice re: heavy duty equipment training, fish packer jobs at Lynn Lake, meetings with fishermen and Hydro at Cross Lake, meeting with C.N.R. regarding land lease for car wash and laundromat. - Various forms of assistance re: LIP, SN(N)EP, Canada Works, CEDF, MIB, DIAND, Ilford Community Development Corporation, Young Canada Works, Youth Corps, and Northern Manitoba Fishermen's Association. | <ul style="list-style-type: none"> - Assistance with council meetings, elections, budgets, taxation and assessment, and assessment, and liaison between mayor and council and chief and council. - Preparation of radio scripts on local government development. - Discussions with C.N.R. regarding local railway crossings. - Regular community visits. - Assistance re: radio broadcast material, upgrading airstrip, health education workshop, housing through MHRC, fire prevention, Ilford Information Workshop, shutdown of Manibridge, water systems, and Wabowden Recreation Complex. | <ul style="list-style-type: none"> - M.M.F. - student aid bursary, medical facilities, house repairs, winter works. - MWA - job creation. - Assistance to numerous groups re: probation services, day care, agricultural problems, church renovation, education, economic opportunities, relocation of old age pensioners, criminal justice workshop, alcoholics anonymous, unemployment insurance, senior citizen problems, New Horizons program and Health Liaison Committee. - Set up book for Cross Lake Radio Station. | <ul style="list-style-type: none"> - Assistance to various groups, including UIC workshop, remote housing problems, Education Study Workshops, courses available at KCC, The Pas, Human Rights Workshop, Public Resource Information Workshop, Day Care and Family Planning Workshop, Recreation Workshop, Alcohol and Drug Abuse Workshops, and Community and The Law Workshops. - Funded delegates to fishermen's conference. - Sponsored residents for Small Business Management Course at Thompson. | <p>Cross Lake Thompson Wabowden</p> |

TABLE B.2(b)

INFORMATION-COMMUNICATION, 1977/78

LEAF RAPIDS OFFICE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|--|---|---|--|----------------------------|
| <ul style="list-style-type: none"> - Advice, information and support to various communities re: ice harvest, hardware store (Lac Brochet) Community Store Workshop, establishing a radio station, handicraft operation, economic development planning, recreation directors, fisheries, trapping, community roads, survey regarding gas and oil dealership, laundromat, community stores, etc. - Assistance with matters pertaining to LIP, Young Canada Works, DIAND, STEP, Special ARDA, CEDF, Canada Works. | <ul style="list-style-type: none"> - Hiring a council clerk - Airstrips - Water systems - Housing and land settlement - Workshops for councillors and clerks - Update of community profiles | <ul style="list-style-type: none"> - Commercial fishermen's meetings - Trappers' meetings - Metis Women's Association - STEP students to Tadoule and Lac Brochet - STEP recreation director - Showing of tape by Focus Program - Tape on northern women - Special ARDA grants to fishermen and trappers - DIAND, Human Rights Commission, NACC, Legion Branch proposal | <p>Funds and/or assistance re:</p> <ul style="list-style-type: none"> - delegation to fisheries meetings at Thompson - delegates to Fire Prevention Workshop - delegates to NACC meeting - six individuals to investigate radio station at Cross Lake - participants in Cree language course at Leaf Rapids - youth programs - delegates to Native Women's Conference in Winnipeg - entitlement upon giving up treaty rights - information on courses at Brandon University | <p>Leaf Rapids</p> |

TABLE B.2 (c)
INFORMATION-COMMUNICATION, 1977/78

THE PAS OFFICE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|---|--|---|--|--------------------------------|
| <ul style="list-style-type: none"> - Assistance and advice to various communities re: proposals for poultry farm, coffeeshop, pool hall, truck rental, hotel, Harvesting Company, roads, tourist camp, taxi, etc. - Discussions regarding forming a joint Economic Development Committee by Metis Council and Band Council. - Advice to various groups on funding agencies and steps required to start a business. - Advice to Chief of The Pas Reserve and Economic Development Officer regarding drawing up a resource development proposal. - Preparation of long range economic development plans for use by staff in communities. | <ul style="list-style-type: none"> - Advice re: elections, budgets, audits, taxation and assessment, title search and committee development. - Councillors orientation package developed. - Distribution and discussion of Community Profiles. - Assistance and advice re: establishment of boundaries, day care centre maintenance for fire prevention, hiring of constables, appropriate agencies for local government development, and water systems maintenance and repair. - Information and training to Council and Clerk. - Discussions regarding job creation. | <ul style="list-style-type: none"> - Metis Women's Association on establishing local at Cormorant. - MMF regarding housing project and establishing a local at Easterville. - Discussions regarding half-time teacher and Recreation Director at Cormorant. - Liaison with NACC regarding housing repair. | <p>Funding and/or assistance to various groups, including:</p> <ul style="list-style-type: none"> - funded delegation to Inland Commercial Fishermen's Association meeting in Winnipeg and follow-up on expense accounts, - funds for delegates to MWA annual conference, - held discussions on Forebay Agreement and school attendance problems, - sponsored delegates to Ambulance Training Course, - discussed housing repair programs, - provided support to School Award Days, - provided support to Council on use of Xerox, - investigated fish contamination problems. | <p>The Pas Easterville</p> |

TABLE B.2 (d)
 INFORMATION-COMMUNICATION, 1977/78
 LAKELAND - SELKIRK OFFICE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|--|--|--|--|-------------------------------------|
| <ul style="list-style-type: none"> - Advice, support and assistance on machinery for experimental farm, beehive installation, community market gardening, grasslands, greenhouses, youth projects, and various agricultural opportunities. - Assistance related to special ARDA, SN(N)EP, Credit Unions, LIP. - Assistance to Channel Area Loggers. | <ul style="list-style-type: none"> - Assistance to various communities re: budgets, elections, housing, land, etc. - Boundaries, bylaws, community planning. - Grant information. - Alcohol and Drug Abuse Programs. - Work projects, water systems and roads. - Funding of truck and equipment for trucking business. - Community status information. - Workmen's Compensation. - Fire Prevention. - Timber rights. - CMHC. - Transportation services. - Ambulance Workshop. | <ul style="list-style-type: none"> - Insulation Program information. - Critical Home Repair Program (Senior Citizens). - U.I.C. information. - Taxation and Social Assistance. - Fire drill, Frontier School Division. - Moved X-ray equipment for Health and Social Development. - Metis Women's Association - Fishermen's Association - Course on presentation of alcoholism films. | <p>Funds and/or assistance to:</p> <ul style="list-style-type: none"> - 2 individuals for interview for University of Manitoba Mature Students Program. - delegation to CMHC meeting. - delegates to SN(N)EP meetings. - community delegation to meeting in Winnipeg with Minister. - participants in Defensive Driving Course, Pine Falls. - stackwall housing. - participants at MNA conference. - participants in public speaking course. - Co-op Fishermen's Association. - NACC Conference. - inspection of economic development projects. - participants in Ambulance Training Course, Winnipeg. - transportation for Perens River Council to pick up cattle at Teulon. - small business applications. | <p>Selkirk Berens River Bissett</p> |

INFORMATION-COMMUNICATION, 1977/78

DAUPHIN OFFICE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|---|--|--|---|---|
| <ul style="list-style-type: none"> - Assistance, support and advice to various communities re: market gardening, community pasture, cattle purchasing, budget for summer employment program, sawmill, fodder, grants priorities, logging program, community improvement, drop-in centre, community dock, beach and recreation, road maintenance, community hall maintenance, fencing water reservoir, fire hall, historic building, bus shelter, job relocations, local fund raising, fisheries, lotteries grant, nuisance grounds, demolition of Town Hall, quilting and sewing. - Assistance re: MANWAP, Young Canada Works, Special ARDA, SM(N)EP, MMF, Provincial Job Office, NACC, Youth Corps, Department of Mines, LIP, MIB, Bull Loaning Association, New Careers, Canada Manpower, Minago Contractors. | <ul style="list-style-type: none"> - Assistance and advice re: community legal aid office, garbage dumps, forestry boundaries, council workshops, taxation and assessment, elections, budgets, council procedures, community boundaries, roles of mayor, council and employees, law workshop, water supply and sewage, updating community profiles, fire prevention, hiring of recreation director. - Assistance with council committees, transportation vehicles, detention centre, housing through MHRC. | <ul style="list-style-type: none"> - Radio preparation and promotion. - Lotteries grant for recreation. - Life skills for women. - School committee. - Local fund raising. - Fishermen's delegations and meetings. - Boat repairing. - Recreation Committees. - Youth programs. - Alcoholism programs. - Serving on local boards and committees. - Hay and crop flooding. - Pathfinders. - Canada Manpower. - Special ARDA. - MMF and MWA. | <p>Funding and/or assistance re:</p> <ul style="list-style-type: none"> - housing development. - primary care facility, hospital and medical facilities. - delegation to historical conference. - Chief and Council. - Alateen program. - establishing a senior citizen home. - road funding. - meetings regarding Drop-In Centre. - preparation of Track and Field Story - bus shelter proposal. - transportation for delegates to Community Workshop at Brandon. - job creation. - home repair. - law workshops. - recreation planning and playground training. - Canada Manpower courses. - driver training course. - staff training for liaison. - water supply investigations. - Unemployment Insurance. | <p>Crane River Toutes Aides Waterhen Barrows Mafeking</p> |

TABLE B.2 (f)

INFORMATION-COMMUNICATION, 1977/78

MEDIA CENTRE

| ECONOMIC DEVELOPMENT FACILITATION AND SUPPORT | LOCAL GOVERNMENT DEVELOPMENT ASSISTANCE | DIRECT ASSISTANCE TO ORGANIZATIONS | MISCELLANEOUS DELEGATIONS, WORKSHOPS & SERVICES | DROP-IN AND INQUIRY CENTRE |
|--|--|--|--|----------------------------|
| <ul style="list-style-type: none"> - Two Tapes (one in Cree), on planting and care of plants. - Videotape on Easterville. - Three videotapes on the roles of the Federal and Provincial Governments in the Manitoba Northlands Agreement. - Videotape on northern strategy. - Various presentations on Economic Development Facilitator Training. - Community Profile Brochure. - Videotape shot in Bissett for seminar on northern technology. | <ul style="list-style-type: none"> - Policy Constable Brochure. - Interview with member of the Manitoba Police Commission about Police Constable Program. - VTR/overhead transparency presentation on steps required for a community to secure Incorporation. | <ul style="list-style-type: none"> - Taped interview on Fire Prevention. - VTR being developed on New Horizons program. - Editing and preparation for extension tape. | <ul style="list-style-type: none"> - VTR workshops. - Graphic arts material and films acquired. - Preparation of catalogues to be printed and distributed. - Discussions on Community Profiles led to decision to prepare a videotape as a part of the presentation. - Three slide/sound presentations and two videotapes on staff training being prepared. | N/A |

Activity 3 Youth Travel

This activity was implemented by the Manitoba Department of Education with a staff of one. In 1977/78, expenditures of \$102,776 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.

In 1977/78 financial assistance was given to 50 groups involving approximately 2004 students.

Table B.3 indicates that the destinations of travel groups from northern Manitoba schools were distributed as follows:

TABLE B.3

YOUTH TRAVEL DESTINATIONS 1977/78

| SCHOOL | DESTINATION | SCHOOL | DESTINATION |
|---------------------|---|--------------------------------------|---|
| Gillam | The Pas, Pinawa Winnipeg, Brandon | Lake St. Martin | Winnipeg, Churchill |
| Julie Lindal | Winnipeg, Thompson | Little Grand Rapids | Winnipeg |
| Jenpeg | Churchill | Paungassi | Pine Falls, Winnipeg |
| Barrows Junction | Winnipeg | Miskooseepi | Rivers, Brandon, Winnipeg, Lower Fort Garry |
| Sundance | Dauphin | Lac Brochet | Winnipeg, Brandon |
| Duck Bay | Winnipeg | Pukatawagan | Winnipeg |
| Grand Rapids | Winnipeg, Roseau River Reserve | Nelson House | Winnipeg |
| Waterhen | Winnipeg | Guy Hill | Winnipeg, Whiteshell Provincial Park |
| Frontier Collegiate | Winnipeg, Brandon | | |
| San Antonio | Peace Gardens, Lower Fort Garry, Steinbach, Emerson | Flin Flon S.D. (4 Schools) | Winnipeg, Brandon Portage La Prairie |
| Jack River | Winnipeg, Selkirk, Norway House | Kelsey S.D. (5 Schools) | Winnipeg, Selkirk, Brandon, St. Theresa Point |
| Princess Harbour | Winnipeg | | |
| Wanipigow | Churchill, Thompson, Gillam | Mystery Lake Area (10 Schools) | Winnipeg, The Pas, Dauphin, Brandon, Churchill, Leaf Rapids, Steinbach, Grunthal, Nelson House, Carberry, Manitou, International Peace Gardens, Riding Mountain Park |
| Warren's Landing | Winnipeg | | |
| Pine Dock | S.W. Manitoba, Peace Gardens | | |
| Gods River | Winnipeg | | |
| Wasagamack | Winnipeg | Remote Schools | |
| Fisher River | Norway House, Cross Lake, Oxford House | Churchill (Duke of Marlborough) | Winnipeg |
| St. Theresa Point | Winnipeg | Lynn Lake School | Winnipeg |
| | | Snow Lake School | Winnipeg, Brandon, The Pas |
| | | Brooke (Rivers) | Poplar River, Weaver Lake |

- 36.0% to Winnipeg
- 41.0% to other locations in southern Manitoba
- 15.0% to urban/industrial centres in northern Manitoba
- 8.0% to remote communities in northern Manitoba.

Activity 4 4-H North

This activity was implemented by the Manitoba Department of Agriculture utilizing three full time and one part-time staff. During 1977/78 expenditures of \$48,493 were shared 60/40 between DREE and Manitoba. In 1978 the staff consisted of one professional and one secretary. Two part-time program assistants worked in Thompson and the Pas.

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 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. Table B.4 indicates participants for 1977/78.

| <u>Community</u> | <u>Leaders</u> | <u>Members</u> |
|------------------|----------------|----------------|
| Thompson | 27 | 114 |
| The Pas | 21 | 63 |
| Gillam | 19 | 68 |
| Leaf Rapids | 2 | 21 |
| Flin Flon | 2 | 18 |
| Cormorant | <u>10</u> | <u>89</u> |
| TOTALS | 81 | 373 |

Undertakings included extensive contact with communities and other agencies concerned with youth. One-day workshops were attended by 50 young people in Pikwitonei, Thicket Portage and Wabowden. Twenty-six teenaged delegates from Pukatawagan, Cranberry Portage, Gillam, Brochet, Norway House, Cross Lake, Thompson, Flin Flon and Nelson House participated in a Northern Youth Conference.

Activity 5 Culture and Recreation Services

This activity was implemented by the Department of Tourism, Recreation and Cultural Affairs with a staff of 10 persons. In 1977/78, expenditures of \$299,069 were shared 60/40 between DREE and Manitoba.

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. Table B.5 shows details of services provided by these sub-activities in 1977/78.

a) Community Programs Development

Assists northern communities in the planning, implementation and co-ordination of 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 1977/78, 123 visits were made covering all communities under Northern Affairs jurisdiction.

CULTURE AND RECREATION SERVICES

GRANTS AND PROGRAMMING BY COMMUNITY, 1977/78

| COMMUNITIES | PHYSICAL RESOURCES DEVELOPMENT | | | | COMMUNITY PROGRAM DEVELOPMENT | | | HUMAN RESOURCES DEVELOPMENT | | | EXPOSURE | |
|--------------------------|--------------------------------|----------------------|----------------|-----------------------|-------------------------------|-----------------------------|------------------------------|-----------------------------|--------------------|----------|----------------|-------------|
| | CAPITAL FACILITY | RECREATION EQUIPMENT | ARTS EQUIPMENT | CONSULTATIVE SERVICES | RECREATION DIRECTOR | TEACHER/RECREATION DIRECTOR | COMMUNITY RECREATION WORKERS | LEADERSHIP TRAINING | SKILLS DEVELOPMENT | OUTREACH | DEMONSTRATIONS | CONFERENCES |
| CHURCHILL | | | | X | X | | X | X | X | X | | |
| GILLAM | X | | | X | X | | | X | | | | |
| THOMPSON | | | X | | X | | X | X | | X | X | X |
| LEAF RAPIDS | | | | X | X | | | X | | | X | |
| WABOWDEN | | X | | | | X | X | X | | X | | |
| SHAMATTAWA | | X | | X | | | X | | | | | |
| ST. THERESA POINT | | X | | | | | | X | | | | |
| GARDEN HILL | | X | | | | | | | | | | |
| SOUTH INDIAN LAKE | | | | X | | X | X | X | | X | | |
| BERENS RIVER | | X | | | | X | | | | | | |
| CROSS LAKE | | X | X | | | | X | X | | | | |
| GRANVILLE LAKE | | X | | | | | | | | | | |
| WEKUSKO | | X | | | | | | | | | | |
| THE PAS INDIAN BAND | | | | | | | | | | | | |
| GRAND RAPIDS INDIAN BAND | | | | | | | | | | | | |
| THE PAS | | | X | | X | | | X | | | X | |
| FLIN FLON | X | | X | | X | | | X | X | | | X |
| LYNN LAKE | | | X | | X | | | X | | | | |
| CRANBERRY PORTAGE | | X | | | | | X | X | | | | X |
| SHERRIDON | | X | | | | | X | | | | | X |
| NORWAY HOUSE | | X | | X | | | | X | X | | | |
| WANLESS | | X | | | | | | | | | | |
| GRAND RAPIDS | X | X | | | | | X | | | | | |
| MOOSE LAKE | | X | | | | | X | | | | | |
| BROCHET | | | | | | | X | | | | | |
| CORMORANT | | | | | | | | | | | | |
| ILFORD | | | | X | | | X | | | | | |
| PIKWITONEI | | | | X | | | X | | | | | |
| NEILSON HOUSE | | | | X | | | X | | X | X | | |
| THICKET PORTAGE | | | | X | | | X | | | | | |
| SPLIT LAKE | | X | | X | | | X | | | | | |
| GODS NARROWS | | | | X | | | | X | | | | |
| YORK LANDING | | | | X | | | | | | | | |
| OXFORD HOUSE | | | | X | | | | X | | | | |
| BARROWS | | X | | | | | X | | | | | |
| DUCK BAY | | X | | | | X | X | | | | | |
| CAMPBELLVILLE | | X | | | | | X | | | | | |
| MANIGOTOGAN | | | | | | | X | | | | | |
| FISHER RIVER | | | | | | | X | | | | | |
| SNOW LAKE | | | | | X | | | | | | | X |
| PUKATAMAGAN | | | | | | | | X | | | | |
| PELICAN RAPIDS | | | | | | X | | | | | | |
| EASTERVILLE | | | | | | | X | | | | | |
| MATHESON ISLAND | | | | | | | | | | | | |
| WICHEPEG (MEETINGS) | | | | | | | X | | | | | |

- NOTES: 1. In addition to those already listed under Recreation Equipment, the following also received grants: Harwill, Dauphin River, Dallas-Ped Rose, Anama Bay, Meadow Portage, Crane River, Mallard, National Mills, Westgate, Waterhen, Seymourville, Bisvert, Princess Harbour, Homebrook, Red Deer Lake.
2. Programming delivered to all communities include NBRMPA, Frontier Games, Northern Swim Program and Festival Manitoba (under Human Resources Development) and Northern Youth Conference (under Exposure).

ii) Community Recreation Workers - provides full time co-ordination of recreation services in northern remote communities. This program was undertaken in co-operation with the New Careers Branch of the Department of Continuing Education and Manpower and provides for the training, up-grading and supervision of community recreation workers in remote northern communities. In 1977/78, 24 community workers served in 20 northern communities.

iii) Part-Time Teacher/Recreation Director Program - a program undertaken in conjunction with the Frontier School Division to provide half-time recreation directors in six northern remote communities.

iv) Grants to Communities for Full Time Recreation Directors - provides a \$2,000.00 annual grant to communities. In 1977/78, eight communities took advantage of this opportunity.

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

b) Human Resources Development

To provide training for potential community recreation leaders and to support events which foster the improvement of skills and performance in leisure time activities in order to provide a base for the development of leaders.

i) Leadership Training - provides workshops, clinics, and courses for the development of part-time and full time recreation leaders who will return to their communities and offer recreation opportunities.

ii) Skills Development - provides schools, clinics and workshops to develop a base for leaders in activities which are under-developed, e.g. gymnastics camp, northern swim program, frontier games, etc. This program was carried on in Churchill, Norway House and Flin Flon in 1977/78.

c) Exposure

To increase the appreciation for and understanding of recreation by providing opportunities for Manitobans to be exposed to new and unique physical, cultural and social recreation activities.

i) Outreach - a community based program which assists in the development of recreation activities by promoting the exchange of visits between communities. In 1977/78, this program served 10 northern communities.

ii) Conferences - provide a forum for the exchange of ideas, information giving, and the planning and evaluation of local, regional and provincial recreation services. In 1977/78, residents of 17 communities participated in conferences.

iii) Demonstrations - expose communities to new recreation activities at the local, regional and provincial levels. Twelve communities were served in 1977/78.

d) Physical Resources Development

To assist Manitoba communities in developing their physical recreation resources, including facilities and equipment.

- i) Facilities Grants - a grants program to communities, funded out of lotteries revenue, in support of the construction and renovation of recreation facilities.

- ii) Equipment Grants to Remote Communities - this program offers assistance to remote northern Manitoba communities for the purchase of recreational equipment such as baseball bats, hockey equipment, volleyballs, basketballs, etc., up to a maximum of \$400.00. In addition, equipment was loaned to communities on 44 occasions.

- iii) Facilities Consultation - provides a consultative service to communities and districts for the planning, operation and maintenance of major recreation facilities.

- iv) Arts Education Grants - a program to assist communities in the purchase of 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 referral network, relocation services and social support systems. Reports on the three activities under the project follow.

Activity 1 Regional Services

This activity was implemented by the Manitoba Department of Northern Affairs utilizing a staff of 71, distributed as follows:

| <u>REGION</u> | <u>ADMIN/CLERICAL</u> | <u>FIELD STAFF</u> | <u>TOTAL</u> |
|----------------------|-----------------------|--------------------|--------------|
| Headquarters | 3 | 3 | 6 |
| The Pas | 6 | 16 | 22 |
| Churchill/Thompson | 7 | 10 | 17 |
| Leaf Rapids | 4 | 6 | 10 |
| Norway House/Selkirk | 7 | 9 | 16 |
| | <u>27</u> | <u>44</u> | <u>71</u> |

In 1977/78, expenditures of \$2,367,692 were shared 60/40 between DREE and Manitoba.

The Regional Services activity consolidates a variety of programming designed to increase the number of northerners in northern jobs. Output for 1977/78 is summarized in Table B.6.

a) Referral Services

This includes employment counselling, referrals and placement, as well as training referrals and placement for northerners who are unable to make effective use of regular manpower/employment agencies. In 1977/78, this component dealt with 4,150 cases involving referrals.

b) Training Programs

i) funding for students registered in a driver training course at Keewatin Community College, The Pas,

ii) co-operation with private sector employers in on-the-job training opportunities, and,

iii) rehabilitation for patients discharged from The Pas Detox Centre.

c) Economic Development

This consists of providing technical assistance, financial support, and advice to residents attempting to initiate various community enterprises. In 1977/78, Regional Services staff provided assistance to 56 local projects involving 342 jobs.

TABLE B.6

REGIONAL SERVICES PROGRAMMING SUMMARY 1977/78

| REGION | THOMPSON- CHURCHILL NORTHERN | THE PAS SOUTHERN | EAST SIDE OF LAKE WINNIPEG EASTERN | LEAF RAPIDS WESTERN | WINNIPEG & INTERLAKE CENTRAL | TOTAL |
|---|------------------------------------|---------------------|---|---------------------------|------------------------------------|-------------|
| <u>REFERRAL SERVICES</u> | | | | | | |
| Employment Referrals | 591 | 410 | 435 | 154 | 563 | 2153 |
| Employment Placements | 394 | 289 | 279 | 66 | 404 | 1432 |
| Training Referrals | 95 | 102 | 307 | 36 | 85 | 625 |
| Training Placements | 80 | 82 | 170 | 23 | 20 | 375 |
| Cases dealt with Clients Given Assist. | | | | | | 4150 595 |
| <u>TRAINING PROGRAMS</u> | | | | | | |
| Drivers Trained | 3 | 38 | 4 | 5 | 9 | 59 |
| Rehab. Oriented | | 35 | | | | 35 |
| Industrial Programs | 9 | | | | | 9 |
| Jobs Involved | 29 | | | | | 29 |
| <u>ECONOMIC DEVELOPMENT^a</u> | | | | | | |
| Projects Assist. | | | | | | 56 |
| Jobs Involved | | | | | | 342 |
| <u>FAMILY SERVICES</u> | | | | | | |
| Groups/participants | 50/336 | 155/692 | 62/304 | | 44/249 | 311/1581 |
| Home Visits | 240 | 1446 | 203 | | 316 | 2205 |
| No. of Different Clients | 62 | 342 | 210 | | 242 | 856 |
| <u>RELOCATION SERVICES</u> | | | | | | |
| Families Relocated | THOMPSON 18 | FLIN FLON 12 | | LEAF RAPIDS 29 | | 59 |
| Active Caseload, Mar./78 | 8 | 11 | | 38 | | 57 |
| <u>YOUTH CORPS^b</u> | | | | | | |
| Communities/Participants | 8/106 | 13/146 | 7/75 | 4/34 | | 33/365 |
| <p>^a Regional services staff were used to initiate and/or facilitate programming provided under Activity 2, Program Support Services/Economic Development Services. See Table B.8 for a summary of these services.</p> <p>^b See Table B.7 for more details of Youth Corps activities.</p> | | | | | | |

d) Family Services

This component provides group counselling and personal visits by Home Economists and Home Advisors in an attempt to assist families to adjust to modern living. In 1977/78, 856 different clients participated in group counselling sessions and/or received home visits.

e) Relocation Services

In this category there are three operations designed to move residents of remote communities to jobs in industrial centres.

Project Tawow operates under agreement with Sherritt-Gordon Mines at Leaf Rapids. In 1977/78, 29 families were helped to relocate to Leaf Rapids.

The Thompson relocation program operates in co-operation with the Manitoba Metis Federation and International Nickel Company. In 1977/78, 18 families were assisted.

The Flin Flon operation was initiated in September, 1977 in co-operation with Hudson Bay Mining and Smelting Company. By March, 1978, 12 families had been assisted.

f) Youth Corps

This component is designed to create summer jobs for the youth in remote communities. In 1977/78, 33 projects involving 365 jobs were undertaken by the Youth Corps. See Table B.7 for a description of the type of work undertaken in each community.

TABLE B.7

| YOUTH CORPS PROJECTS 1977/78 | | |
|-------------------------------|--------------------|---|
| COMMUNITY | NUMBER OF YOUTHS | PROJECTS |
| <u>Thompson Region</u> | | |
| Cross Lake | 20 | Assisting the elderly, council office radio office, nursing station, community clean up, recreation, housing project. |
| Nelson House | 20 | Recreation, nursing station, housing project. |
| Thicket Portage | 10 | Working with LEAP (office, training with Mayor and Council Clerk, building of dog-proof garbage stands, supervising and teaching preschoolers in gymnastics.) |
| Wabowden | 19 | Operating a Day Care Facility, general clean up. |
| Pikwitonei | 9 | Digging pits for sewer and toilet, general community clean up. |
| Ilford | 9 | Day Care Centre, preparing recreation area, community recreation. |
| <u>Churchill Region</u> | | |
| Tadoule Lake | 11 | Building a playground and ballpark, building fences and docks. |
| Churchill | 8 for 1 month each | Recreation areas, supervising children, arts and crafts instruction for children, swimming attendant. |
| <u>Eastern Region</u> | | |
| Berens River | 18 | Assisting pensioners, general community clean up. |
| Norway House | 20 | Public Works crew renovating schools, nursing aides, Kitchen help, maintenance and clerical help. |
| Bissett | 6 | Landscaping, painting public buildings, general community clean up. |
| Manigotogan | 6 | Planting trees, cemetery improvements, senior citizens assistance, general community clean up. |
| Seymourville/ Hollow Water | 14 | Clearing bush, landscaping a park, painting and repairing community hall and skating rink. |
| Matheson Island | 3 | Church repairs, general community clean up. |
| Pine Dock | 8 | Fencing in beach area, assisting senior citizens in home repairs, working on playgrounds, general community clean up. |
| Harwill | 4 | Community clean up, painting of community buildings, senior citizen home repairs. |

Continued...

TABLE B.7 (cont.)

| YOUTH CORPS PROJECTS 1977/78 | | |
|------------------------------|------------------|---|
| COMMUNITY | NUMBER OF YOUTHS | PROJECTS |
| <u>Leaf Rapids Region</u> | | |
| Brochet | 12 | Council office, stores, community cleanup. |
| South Indian Lake | 12 | Department of Public Works clerk, cashiers, nursing station aides, bookkeeping and canteen assistant. |
| Granville Lake | 5 | Working in store, community clean up, health centre. |
| Pukatawagan | 5 | Working in community store, nursing station, community recreation, community clean up campaign. |
| <u>The Pas Region</u> | | |
| Crane River | 10 | Improving recreation area and general community clean up. |
| Grand Rapids | 10 | Assisting the elderly in home maintenance, community recreation. |
| Moose Lake | 11 | Improving recreation facility, general community clean up. |
| Shoal/Pelican | 9 | General community clean up, cemetery improvement. |
| The Pas Reserve | 26 | Constructing picnic tables, painting, renovating area and change room, building garbage stands, building sand boxes, fireplace, clean up, recreation for younger children, painting, planting trees, helping elderly, general clean up, office duties, mother's helper, play centres. |
| Mallard | 9 | Community clean up, assisting the elderly. |
| Duck Bay | 12 | General clean up. |
| Camperville | 12 | Recreation development. |
| Cranberry | 9 | Street repairs, tourist information booth, repairs and clean up for pensioners and handicapped, maintaining parks, cemeteries, beach areas. |
| The Pas | 9 | Working in Tourist Bureau. |
| Cormorant | 8 | Cleaning up public grounds, cemetery, beach and shorelines. |
| Skownan | 12 | Clerical work, cleaning office, clearing grounds, garbage removal, painting fences, dismantling the skating rink, cutting grass. |
| Pelican Rapids | 9 | Community clean up, brush cutting. |
| TOTAL | 365 | |

Activity 2 Program Support Services/Economic Development Services

This activity was implemented by the Department of Northern Affairs using 14 staff man-years. During 1977/78, expenditures of \$437,925 were shared 60/40 between DREE and Manitoba.

The intent of the activity is to provide the opportunity for northern residents to increase the degree of local ownership, control, employment and income in the northern economy.

The services provided and the recipient communities are summarized in Table B.8.

Activity 3 Forestry Counterpart Training

This activity was implemented by the Manitoba Department of Renewable Resources and Transportation Services utilizing the services of two bookkeepers part-time. In 1977/78 expenditures of \$56,624 were shared 60/40 between DREE and Manitoba.

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 1977/78, training was provided to five trainees, 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 at Moose Lake Loggers.

TABLE B.8

| ECONOMIC DEVELOPMENT SERVICES 1977/78 (Summary by Community) | | |
|---|---|---|
| COMMUNITY | ADVISORY SERVICES | FINANCIAL ASSISTANCE |
| Pukatawagan | <ul style="list-style-type: none"> - Reopening of Pukatawagan Trading Co. - Various potential business undertakings | <ul style="list-style-type: none"> - Management training for owner of Pukatawagan Trading - Two week claim staking course |
| Manigotogan | <ul style="list-style-type: none"> - Improving forestry operations - Potential hotel project (Community Dev. Corp.) | |
| Pikwitonei | <ul style="list-style-type: none"> - Repair of community sawmill | |
| Camperville | <ul style="list-style-type: none"> - Possible purchase of Winnipegosis Box factory - Potential training projects (Metis Women's Assoc.) | |
| Oxford House | <ul style="list-style-type: none"> - Plans for carpentry project | <ul style="list-style-type: none"> - Provided carpentry estimating consultant for Hudson's Bay store expansion. Crew has received contracts for further local construction. |
| Ilford | <ul style="list-style-type: none"> - Possible purchase of Ilford Northern Construction Co. Ltd. | <ul style="list-style-type: none"> - Development assistance (\$9,000) to Ilford Community Development Corp. to complete log cabins for commercial/tourist fishing and trapping |
| South Indian Lake | <ul style="list-style-type: none"> - Toboggan Manufacturing project | |
| Duck Bay | <ul style="list-style-type: none"> - Phase-out of MANWAP projects and potential for local takeover - Proposal for marketing birchwood for fireplaces | |
| Cross Lake | <ul style="list-style-type: none"> - Setting up Pimichikamac Dev. Corp. (PDC) which operates a logging, sawmill and planning division, a road construction and gravel operation, and a winter roads division. - Lumber marketing. - Proposed fishing projects - Potential motel-restaurant and pool room. | <ul style="list-style-type: none"> - Sponsored full-time Manager/Instructor for PDC to train local residents in forestry operations - Provided sawmill and mobile residence office trailer. |
| Umpherville | <ul style="list-style-type: none"> - Operating a taxi business | |
| The Pas | <ul style="list-style-type: none"> - Setting up a dry cleaning and uniforms business | <ul style="list-style-type: none"> - Discussions regarding training and employment of two native fish/fur patrol officers |
| Norway House | <ul style="list-style-type: none"> - Advised Norway House Joint Council Authority that a heavy equipment training project was not feasible. | |
| Brochet | <ul style="list-style-type: none"> - Potential laundromat, pool hall and restaurant. | |
| Thompson | | <ul style="list-style-type: none"> - Sponsored Renewable Resources course on operation and maintenance of ice making machines for fish storage. |

Project 2 Northern Corporate and Community Based Enterprises

Eight activities which provide work experience for northern residents in building construction, heavy construction and forestry are included in this project.

Activity 1 Integrated Building Systems/RTM Plant

During 1977 the prefab, precut and RTM (Ready to Move) housing operation at Young's Point/The Pas was moved to Cranberry Portage, and the Young's Point operation was converted to a cabinet and furniture plant. These operations constitute the Integrated Building Systems activity which was implemented by the Department of Northern Affairs utilizing a staff of 25. In 1977/78 expenditures of \$989,840 were shared 60/40 between DREE and Manitoba.

The intent of this activity is to employ northerners in all areas of the building construction industry while maintaining reasonable productivity.

During 1977/78, 276 man-months of employment and on-the-job training was provided to 23 workers at Athapap Builders, Cranberry Portage, and Young's Point Woodworking and Cabinet Plant, The Pas, as shown below:

| <u>Man-Months of Employment</u> | | <u>Home Community of Employees</u> | |
|---------------------------------|-------|------------------------------------|------------|
| On-the-job Training | 192 | Cranberry Portage | 65% |
| Experienced Workers | 84 | Young's Point | <u>35%</u> |
| | <hr/> | Total | 100% |
| TOTAL | 276 | | |

Activity 2 Minago Contractors

This activity was implemented under the jurisdiction of the Manitoba Department of Northern Affairs to support Minago Contractors' road construction on Easterville Road, Moose Lake Road and parks access roads along PR 391. In previous years, costs were related to manpower training and development. However, in 1977/78, the company undertook no training program. Therefore, no expenses were incurred.

During 1977/78, the company provided employment and work experience to approximately 30 employees per month in the following categories: cooks and camp maintenance personnel, truck drivers, project managers, general manager, office manager, heavy equipment operator, mechanics and labourers. This amounted to a total of 275.5 man-months of employment in production and 112 man-months of employment in supervision and camp maintenance.

Employees drawn from the following communities:

| | | | |
|------------|-----|----------|-----|
| Cormorant | 30% | The Pas | 20% |
| Minnitonas | 26% | Thompson | 2% |
| Mafeking | 20% | Wabowden | 2% |

Activity 3 Churchill Pre-Fab Housing Plant

This activity was implemented by the Manitoba Department of Northern Affairs. In 1977/78, expenditures of \$295,374 were shared 60/40 between DREE and Manitoba.

The Pre-Fab Housing Plant in Churchill was established to provide employment and training in building construction to northern residents, in particular unemployed or underemployed residents of that community. In 1977/78 the plant produced 15 housing units for use in Churchill and Rankin Inlet, N.W.T. This activity provided 310 man-months of training and employment. Residents of Churchill accounted for 85% or approximately 264 man-months (See Table B.9).

TABLE B.9
EMPLOYMENT AND TRAINING
CHURCHILL PRE-FAB HOUSING PLANT, 1977/78

| | TRAINING | EXPERIENCED WORKERS | EMPLOYMENT | | |
|------------|----------------------|--|------------|-----------|-------|
| | | | TOTAL | CHURCHILL | OTHER |
| Skills | Carpentry, Office | Foremen, supervisor, office, carpenters | | | |
| Man-Months | 245 | 65 | 310 | 264 | 46 |

Activity 4 Mistik Creek Loggers

This activity was implemented by the Department of Northern Affairs which provided management support and advice. In 1977/78, expenditures of \$75,319 were shared 60/40 between DREE and Manitoba.

The intent of this activity is to provide employment and training to northerners in all aspects of the woodlands industry. In 1977/78, the company produced 20,000 cords of tree-length logs at Cranberry Portage and Mistik Creek, and provided employment and training to 34 local residents (See Table B.10).

TABLE B.10
MISTIK CREEK LOGGERS, 1977/78

| PRODUCTION (CORDS) | EMPLOYMENT (NO. OF JOBS) | EMPLOYMENT (MAN-MONTHS) | | |
|-----------------------|-----------------------------------|-------------------------|-------------|-------|
| | | Trainees | Experienced | Total |
| Per man/day 7.5 | Cutter and Skidder Operator 20 | | | |
| | Mechanical & Kitchen 9 | 38 | 200 | 238 |
| | Management 5 | | | |
| TOTAL 20,000 | 34 | 38 | 200 | 238 |

Activity 5 Pakwagan Community Services

This logging/milling activity was implemented by the Manitoba Department of Northern Affairs with management assistance provided by one staff member. In 1977/78 expenditures of \$308,044 were shared 60/40 between DREE and Manitoba.

At the end of the 1976/77 fiscal year, the logging operation was eliminated in favor of purchasing logs for housing from local communities. The milling plant was moved during 1977/78 from Jenpeg to Wabowden and continued to provide employment to six northern residents, one superintendent and five production employees, in the production of log housing.

The activity was discontinued in March, 1978.

Activity 6 Channel Area Loggers

This activity was supported by the Manitoba Department of Renewable Resources and Transportation Services using the equivalent of one staff member. During 1977/78, expenses of \$141,717 were shared 60/40 between DREE and Manitoba. These costs relate to operations of the company in the 1976/77 fiscal year.

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.

During 1977/78, the company provided pulpwood to Abitibi Paper Company Ltd. at Pine Falls. However, it discontinued its previous involvement in marketing telephone poles and railway ties. A cut and bunch technique introduced in the past year was effective in reducing production costs and significantly improving man-day productivity. In 1977/78 the company provided 50 man-years of employment to 224 employees, all of whom were native northerners from Berens River and the Peguis Reserve, with the exception of the manager.

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

| TABLE B.11 | | | |
|----------------------------------|-------------------------|-------|--------------------|
| <u>CHANNEL AREA LOGGERS</u> | | | |
| <u>PRODUCTION AND EMPLOYMENT</u> | | | |
| YEAR | MAN/YEARS OF EMPLOYMENT | | PRODUCTION (CORDS) |
| | NORTHERNERS | OTHER | |
| 1976/77 | 40 | 3.5 | 10,000 |
| 1977/78 | 49 | 1 | 12,000 |

Activity 7 Moose Lake Loggers

This activity was implemented by the Manitoba Department of Renewable Resources and Transportation Services utilizing the equivalent of one staff member. In 1977/78 expenditures of \$148,698 were shared 60/40 between DREE and Manitoba. These costs related to operations of the company in the 1976/77 fiscal year.

The intent of this activity is to produce an economically viable operation harvesting forestry resources in the area, to provide training and employment to northern residents and to ultimately transfer control to these residents.

During 1977/78, the company provided logs under contract to Manitoba Forestry Resources Ltd. at The Pas. For the past two years, there has been a gradual changeover from employees operating company-owned equipment to owner/operators. In 1976/77, two owner/operators were employed. This was expanded to three in 1977/78 and will be further expanded to 13 full time native owner/operators in 1978/79.

As a result of this change and of an adjustment to industrial work patterns, the company was able to expand production, provide increased employment and improve its profit-loss position in 1977/78. In that year, the company provided 70 man/years of employment, approximately 35 of which was to native northerners from the community of Moose Lake. Five of the northerners were skilled production trainees and the balance were semi-skilled heavy equipment operators.

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

| TABLE B.12 MOOSE LAKE LOGGERS ACTIVITY PERFORMANCE | | | | |
|--|-------------------------|-------|-------|-----------------------|
| 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 |

Activity 8 Directors Office

This activity was implemented by the Manitoba Department of Northern Affairs utilizing the services of a director, a secretary and three technical support staff. In 1977/78, expenditures of \$139,040 were shared 60/40 between DREE and Manitoba.

The intent of this activity is to provide support and program direction to the corporate projects, Mistik Creek Loggers, Minago Contractors, Churchill Pre-Fab Housing Plant, and Athapap

House Building/Young's Point Furniture and Cabinet Makers. Staff served on the boards of four corporate projects. In addition, three support staff continued implementing a previously developed marketing strategy service for the Churchill Pre-Fab plant and Athapap/Young's Point, while providing systems design and drafting services as necessary.

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 1977/78, it consisted of three activities.

Activity 1 New Careers

This activity was implemented by the Manitoba Department of Education utilizing a staff of eight. Expenditures of \$1,548,654 were shared 60/40 between DREE and Manitoba during 1977/78.

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 centers. 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.

Details of activity performance during 1977/78 are shown in Table B.13.

TABLE B.13
NEW CAREERS TRAINEES, 1977/78

| PROGRAMS | HOST AGENCY | TRAINEE'S COMMUNITY OF ORIGIN AND WHERE EMPLOYED | # TRAINEES PER COMMUNITY | # TRAINEES PER PROGRAM | | # DISCONTINUED | | # RECRUITED | # GRADS | # GRADS PLACED |
|--------------------------------------|--|---|--------------------------------------|---------------------------|--------------------------------------|----------------|------|-------------|---------|----------------|
| | | | | YR.1 | YR.2 | YR.1 | YR.2 | | | |
| | | | | Child Welfare Workers | Dept. of Health & Social Development | Island Lake | 1 | | | |
| Chemical Abuse | St. Anthony Detox Centre A.F.M. - Thompson | The Pas Thompson | 2 2 | 4 | | | | 6 | 2 | 1 |
| Child Care Workers | Churchill Health Centre | Churchill | 1 | | | 4 | | 5 | 1 | 1 |
| Probation Aides | Department of Corrections & Churchill Health Centre | Churchill | 1 | | 1 | 1 | | 5 | 3 | 3 |
| School Health Advisors | Frontier School Division | Wanipigow Nelson House Thicket Portage Gillam Toutes Aides Split Lake Norway House South Indian Lake | 1 1 1 1 1 1 1 1 | 6 | 2 | 4 | 1 | 13 | | |
| Apprenticeship Consultant | Dept. of Northern Affairs | Thompson Gods Lake Narrows The Pas | 1 1 1 | | | 1 | 1 | 5 | 3 | 3 |
| Environmental Aides | Dept. of Mines, Resources & Environ- mental Management | Moose Lake Manigotogan Thicket Portage Cross Lake Norway House Gods Lake Narrows South Indian Lake Easterville | 1 1 1 1 1 1 1 1 | | | 4 | 1 | 13 | 8 | 0 |
| Recreation Specialists | Dept. of Tourism, Recreation & Cultural Affairs | Easterville Shawattawa Churchill Wabowden | 1 1 3 1 | 1 | 6 | 8 | 2 | 25 | 8 | 5 |
| Ma-Now-We-Tak | Ma-Now-We-Tak Migration Centre | Thompson | 2 | | 2 | | 1 | 3 | | |
| Adult Basic Education Instructors | Dept. of Education | Norway House* Thompson* Gods Lake Narrows* The Pas* | 1 1 1 2 | | 5 | 3 | 1 | 9 | | |
| Manitoba Telephone System | Manitoba Telephone System | Garden Hill Leaf Rapids Island Lake The Pas Wabowden | 1 1 1 1 1 | 2 | | 2 | | 7 | 3 | 3 |

TABLE B.13 (cont.)

NEW CAREERS TRAINEES, 1977/78

| PROGRAMS | HOST AGENCY | TRAINEE'S COMMUNITY OF ORIGIN AND WHERE EMPLOYED | # TRAINEES PER COMMUNITY | # TRAINEES PER PROGRAM | | # DISCONTINUED | | # RECRUITED | # GRADS | # GRADS PLACED |
|----------------------------|--|--|--|---------------------------|--------------------------------|--------------------------------|-------------|-------------|---------|----------------|
| | | | | YR. 1 | YR. 2 | YR. 1 | YR. 2 | | | |
| | | | | Northern Coordinators | Department of Northern Affairs | Thompson Selkirk The Pas | 1 1 1 | | | |
| Conservation Officers | Dept. of Renewable Resources & Transportation Services | Grand Rapids* Steinbach* | 1 1 | | 2 | 4 | 1 | 7 | | |
| Community Health Workers | Dept. of Health and Social Development | Grand Marais Pine Dock Thicket Portage Gypsumville Vogar McMann Bissett Manigotogan Wabowden | 1 1 1 1 1 1 1 1 1 | 4 | 5 | 2 | | 11 | | |
| Radio Announcers | Native Communications | Norway House | 1 | | 1 | | 1 | 2 | | |
| Manitoba Metis Federation | Manitoba Metis Federation | Thompson | 1 | | | | | 1 | 1 | 1 |
| Administrative Secretaries | Frontier School Division | Wabowden Moose Lake Berens River Wanipigow Norway House Grand Rapids Duck Bay Thompson South Indian Lake Meadow Portage | 1 1 1 2 2 1 1 1 1 1 | 12 | | 2 | | 14 | | |
| The Pas Jail | Corrections | The Pas | 1 | | 1 | 3 | | 6 | 2 | 2 |
| Native Communications | Native Communications | Norway House | 1 | 1 | | | | 1 | | |
| Co-op Messenger | Manigotogan Co-op | Manigotogan | 1 | 1 | | | | 1 | | |

TABLE 8.13 (cont.)

NEW CAREERS TRAINEES, 1977/78

| PROGRAMS | HOST AGENCY | TRAINEE'S COMMUNITY OF ORIGIN AND WHERE EMPLOYED | # TRAINEES PER COMMUNITY | # TRAINEES PER PROGRAM | | # DISCONTINUED | | # RECRUITED | # GRADS | # GRADS PLACED |
|---------------------------------|---|---|--------------------------------|---------------------------|-------------------|----------------|-------|-------------|---------|----------------|
| | | | | YR. 1 | YR. 2 | YR. 1 | YR. 2 | | | |
| | | | | Friendship Centre | Friendship Centre | The Pas | 1 | | | |
| Community Recreation Workers | Dept. of Tourism, Recreation & Cultural Affairs | Thicket Portage | 1 | | | | | | | |
| | | Ilford | 1 | | | | | | | |
| | | Duck Bay | 1 | | | | | | | |
| | | Camperville | 1 | | | | | | | |
| | | Sherridon | 1 | 12 | | | | | 12 | |
| | | Grand Rapids | 1 | | | | | | | |
| | | Barrows | 1 | | | | | | | |
| | | Pikwitonei | 1 | | | | | | | |
| | | South Indian Lake | 1 | | | | | | | |
| | | Cranberry Portage | 1 | | | | | | | |
| Kooatatak | 1 | | | | | | | | | |
| Nelson House | 1 | | | | | | | | | |
| Nutrition Advisors | Frontier School Division | Grand Rapids | 1 | | | | | | | |
| | | Cranberry Portage | 1 | | | | 3 | | 7 | 4 |
| | | Norway House | 2 | | | | | | | |

* Headquarters are moved frequently

Following is summary of participants in 1977/78,

- 90% were of native ancestry
- 80% had less than Grade IX education
- 76% had unstable or intermittent employment records
- 65% were women.

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 1977/78, the pro-rated staff resource used by BUNTEP was equivalent to 2.1 persons. Expenditures of \$1,977,001 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 center;
- the community is large enough to justify a center 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 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 set up in Camperville, Cross Lake, Garden Hill, Nelson House, Norway House, Oxford House, Peguis, Split Lake and The Pas.

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.

The number of students enrolled in 1977/78 was 106. Of these,

- 94% were of native ancestry
- 53% had less than Grade XI education
- 63% were women
- 50% were unemployed at recruitment

Table B.14 provides a breakdown of program delivery for 1977/78.

Activity 3 Special Mature Students' Program

This activity was implemented by the Manitoba Department of Education, Special Projects Branch, with a pro-rated staff resource equivalent to approximately 0.9 persons. During 1977/78 expenditures of \$758,200 were shared 60/40 between DREE and Manitoba.

The Special Mature Students' Program is designed to deliver a degree level university program in selected schools and faculties at Brandon University and the University of Manitoba. As well, there is a Registered Nurses Program at Brandon General Hospital.

TABLE B.14

BRANDON UNIVERSITY TEACHER EDUCATION PROGRAM(BUNTEP) 1977/78

| BUNTEP CENTER | 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 | 3 | 0 | 0 | 5 | 9 |
| Cross Lake | 1 | 13 | 0 | 1 | 0 | 6 | 7 | 3 |
| Garden Hill | 2 | 17 | 14 | 1 | 14 | 0 | 3 | 5 |
| Nelson House | 1 | 8 | 0 | 0 | 0 | 0 | 8 | 5 |
| Norway House | 1 | 9 | 9 | 5 | 9 | 0 | 0 | - |
| Oxford House | 1 | 12 | 6 | 0 | 6 | 6 | 0 | - |
| Pequis | 1 | 12 | 1 | 2 | 1 | 4 | 7 | - |
| Split Lake | 1 | 14 | 0 | 0 | 0 | 6 | 8 | - |
| The Pas | 1 | 12 | 0 | 2 | 0 | 10 | 2 | 5 |
| TOTAL | 10 | 106 | 30 | 14 | 30 | 32 | 44 | 27 |

Students home community same location as BUNTEP center.

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 1977/78, the total number of students enrolled was 98; 67 in training, 11 graduating and 20 discontinuing the program. (See Table B.15)

The following is profile of participants in 1977/78.

- 94% were of native ancestry
- 64% were women
- 59% had less than Grade XI education
- 51% were unemployed at recruitment
- 80% were 26 years of age or older

TABLE B.15

SPECIAL MATURE STUDENTS PROGRAM, 1977/78

| FACULTY | INSTITUTION | ENTRIES | INCLUDES NEW ENTRIES (NOT DISCONTINUED) & GRADUATES IN TRAINING | DISCONTINUED | GRADS | CERTIFICATION | STUDENTS HOME COMMUNITY |
|----------------|--------------------------|---------|---|--------------|-------|------------------------|---|
| Nursing | Brandon General Hospital | 0 | 11 | 1 | 0 | | Fisher Bay 1 The Pas 1 Garden Hill 1 Norway House 2 Wabowden 1 Thompson 1 Peguis 2 Barens River 1 Gillam 1 |
| Arts | Brandon University | 9 | 18 | 4 | 0 | | Grand Rapids 2 Cranberry Portage 1 Thompson 7 Snow Lake 1 Sherridon 1 Herb Lake 1 The Pas 3 Sandy Bay 1 Cowan 1 Churchill 1 Great Falls 1 Island Lake 1 St. Laurent 2 Moose Lake 1 Fairford 1 Fisher River 1 Norway House 1 |
| Education | | 4 | 2 | 3 | 8 | Bachelor of Teaching | |
| Science | | 1 | 1 | 1 | 0 | | |
| Arts | University of Manitoba | 10 | 19 | 6 | 1 | Bachelor of Arts | Amaranth 1 Brokenhead 1 Churchill 2 Cranberry Portage 2 Crane River 1 Cross Lake 2 Duck Bay 1 Flin Flon 1 Garden Hill 1 Grahamdale 1 Grand Rapids 2 Fisher River 1 Matheson Is. 1 Norway House 1 Peguis 1 Ste. Rose du Lac 1 Snow Lake 1 Swan Lake 1 Tadoule Lake 1 |
| Social Work | | 2 | 3 | 0 | 0 | | The Pas 4 Thompson 5 Traverse Bay 1 Wabowden 2 |
| Education | | 1 | 3 | 0 | 0 | | |
| Science | | 1 | 2 | 0 | 0 | | |
| Law | | 0 | 1 | 1 | 1 | LLB | |
| Phys. Ed | | 0 | 1 | 2 | 0 | | |
| Agriculture | | 0 | 1 | 1 | 1 | Diploma of Agriculture | |
| Fine Arts | | 1 | 1 | 1 | 0 | | |
| Engineering | | 0 | 1 | 0 | 0 | | |
| Home Economics | | 0 | 1 | 0 | 0 | | |
| Nursing | | 1 | 2 | 0 | 0 | | |
| TOTALS | | | 30 | 67 | 20 | 11 | |

PROGRAM 3 MANPOWER DEVELOPMENT SERVICES

This program supports four projects with the objective to provide residents of remote northern communities with employment services and post-secondary education. The employment services are comprised of two projects, Outreach and LEAP, both delivered by the Canada Employment and Immigration Commission. Under the third and fourth projects the Department of Indian Affairs and Northern Development provides employment and training assistance to Status Indian people. The program is targeted toward northern residents who exhibit some attachment to the labour force. Costs of this program are borne 100 per cent by the federal implementing departments. The progress report of these projects follows.

Project 1 Outreach

The Outreach objective under the Northlands Agreement is not affected by a broader national Program change and 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, often in an innovative, demonstrative and flexible way, 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 CEC service, e.g. employment, training, mobility, special programs, etc.

- refer to CEC 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 Provincial, Federal and local agencies within agreed upon areas.

During 1977/78, there were 20 projects involving a total Outreach expenditure of \$343,518 and employing 27 Outreach workers and clerical support. The projects received significant support and assistance from various sources particularly CEC's and this was reflected in their overall operations and performance. Liaison and working relationships were established with other government departments and community resources, and a greater knowledge and understanding of community and client needs was developed.

The projects and CEC's have established terms of reference regarding such activities as training and development of Outreach workers, referral procedures, utilization of Commission programs and services and other operational matters. This has assisted in facilitating mutual operations and clarifying roles and responsibilities.

Some of the more significant project activities involved referral to agencies, support and assistance in the development of job creation projects, preparation of community profiles and job placement and training. Due to a lack of economic base in most northern communities, Outreach projects were involved with various job creation projects from Canada Works to Band Economic Development. This is a significant and necessary activity for projects in northern and isolated areas. Because of the specific nature of the employment services offered by Outreach workers, all find it necessary to tap into supportive agency and community services such as Health & Social Development, Northern Affairs, Indian Affairs & Northern Development,

Band and Municipal Councils and private agencies in order to meet client needs in a comprehensive manner.

The projects are also the focal point for selection and referral of clients to various northern enterprises such as logging, road building, Hydro projects, local infrastructure and other local development activities. In many instances, this involves the utilization of CEIC training programs such as Canada Manpower Industrial Training Program and Canada Manpower Training Program. Some projects have also developed community profiles outlining local labour market conditions, public services, transportation facilities and other demographic data which assists them, as well as CEC's and other agencies, in meeting and planning for community employment needs.

One of the priorities of Outreach Program in Manitoba is to promote the sponsorship of projects by community groups and various organizations representing the target group served. In the CEC The Pas area, for example, this was accomplished by amalgamating the five projects which were originally individually sponsored, into one incorporated body with a Board of Directors whose members represent different segments of the communities such as employers, government agencies, and such groups as Manitoba Metis Federation and Manitoba Indian Brotherhood. This will assist in providing a greater and more effective co-ordination of efforts among native groups.

The Northern Development Corps continues to support and assist projects in a complementary way, but as of the new fiscal year, it will no longer be involved in the cost-sharing of projects. Ongoing liaison and consultation will continue with the N.D.C. in order to ensure mutual co-operation in the development of new and existing projects and their activities as well as to avoid parallel delivery of services. Tables B.16 and B.17 list activities during 1977/78.

TABLE B.16

| MANPOWER DEVELOPMENT SERVICES/OUTREACH STATISTICS FOR 1977/78 | |
|---|-------------------|
| SOURCE PROVIDED | NUMBER OF PERSONS |
| New Clients Registered | 2,444 |
| Clients Placed in Employment | 1,430 |
| Referred to Agencies | 566 |
| Referred to Employers | 1,443 |
| Referrred to CEC's | 1,266 |
| Placed in Canada Manpower Training Program (CMTF) | 300 |
| Placed in Canada Manpower Industrial Training Program (CMITP) | 92 |
| Clients Given Canada Manpower Mobility Program (CMMP) | 68 |

TABLE B.17

| MANPOWER DEVELOPMENT SERVICES/OUTREACH PROGRAM 1977/78 | | | | | |
|--|---|---|-----------------|-------------------|----------|
| OUTREACH PROGRAM | CONTACT ADDRESS | COMMUNITIES SERVED | EXPEND-ITURE \$ | STAFF | CEC AREA |
| Split Lake Outreach | N. Flett Split Lake, Man. | Split Lake York Landing | 14,295 | 2 | Thompson |
| Norway House Outreach | B. McLeod Box 280 Norway House, Man. | Norway House | 2,931 | 1 part time | Thompson |
| Island Lake Outreach | R. Beardy Garden Hill Island Lake, Man. | Garden Hill Red Sucker Stevenson Island | --- | 2 | Thompson |
| The Pas Outreach | B. Young Box 297 The Pas, Man. | The Pas, Big Eddy, Young's Point, Umpher- ville and Cormorant | 14,830 | 1 | The Pas |

TABLE B.17 Cont'd

| MANPOWER DEVELOPMENT SERVICES/OUTREACH PROGRAM 1977/78 | | | | | |
|--|--|--|----------------|------------------|------------------------|
| OUTREACH PROGRAM | CONTACT ADDRESS | COMMUNITIES SERVED | EXPENDITURE \$ | STAFF | CEC AREA |
| Fort Alexander Outreach | H. Courchene Box 280 Pine Falls, Man. | Ft. Alexander Reserve, Little Black River Reserve | 20,917 | 1 | Selkirk |
| Community Manpower Centre | D. Pranteau c/o General Delivery Grand Rapids, Man. | Grand Rapids | 9,865 | 1 | The Pas |
| Easterville Community Employment Centre | M. Arrow Easterville, Man. | Easterville | 8,526 | 1 | The Pas |
| Moose Lake Community Employment Centre | M. Campbell | Moose Lake | 10,106 | 1 | The Pas |
| Mafeking Community Employment Centre | D. Doan c/o General Delivery Mafeking, Man. | Pelican Rapids, Shoal River, Mafeking and Barrows | 12,018 | 1 | The Pas |
| Northwest Inter-lake Outreach | N. Sinclair St. Martin, Man. | Fairford, Little Saskatchewan, Lake St. Martin Dauphin River Anama Bay | 27,920 | 2 1 part time | Selkirk Gimli |
| Lac Brochet Outreach | W. Denedchzhe Lac Brochet, Man. | Lac Brochet | 5,466 | 1 | Flin Flon Lynn Lake |
| Cranberry Portage Outreach | M. Fosseneuve Box 269 Cranberry Portage, Man. | Cranberry Portage Sherridon | 10,200 | 1 | Flin Flon |
| Pukatawagan Outreach | E. Sinclair Pukatawagan, Man. | Pukatawagan Prayer River Granville Lake | 14,785 | 1 | Flin Flon |
| Employment Development Co-ordinator | A. Spence Manitoba Metis 275 Portage Ave. Winnipeg, Man. R3B 2J3 | Manitoba Metis Communities | 29,411 | 1 | N/A |

Continued ...

TABLE B.17 Cont'd

| MANPOWER DEVELOPMENT SERVICES/OUTREACH PROGRAM 1977/78 | | | | | |
|--|---|--|------------------------------------|-----------------------------------|---|
| OUTREACH PROGRAM | CONTACT ADDRESS | COMMUNITIES SERVED | EXPENDITURE \$ | STAFF | CEC AREA |
| Native Peoples Outreach | W. Marsh 12 - 366 Main St. Selkirk, Manitoba | Selkirk | 19,295 | 2 | Selkirk |
| Parkland Pathfinders | L. Morrisseau 15 - 1st Avenue SW Dauphin, Manitoba | Duck Bay, Ebb & Flow, Camperville, Eddystone, Pine Creek, Bacon Ridge, Winnipegosis, Valley River, Dauphin and surrounding communities | 55,336 | 2 | Dauphin |
| Cross Lake Manpower Outreach | W. Halcrow Cross Lake, Manitoba | Cross Lake | 6,100 | 1 | Thompson |
| Nelson House Employment Outreach | F. Spence Nelson House, Man. | Nelson House | 7,558 | 1 | Thompson |
| Peguis Outreach | J. Cochrane Peguis, Man. | Peguis Indian Reserve, Red Rose, Hodgson, Harwill | 24,365 | 1 | Gimli Selkirk |
| St. Theresa Pt. Outreach | J. Flett St. Theresa Pt., Man. | St. Theresa Pt. Wasagamack | 10,267 | 1 | Thompson |
| Internal Outreach | The Pas C.E.C. Flin Flon C.E.C. Thompson C.E.C. Selkirk C.E.C. | | 9,843 2,845 12,422 14,217 | 0 0 0 0 | The Pas Flin Flon Thompson Selkirk |
| TDAL | | | 343,518 | 25 full time 2 part time | |

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 northern Manitoba. This is achieved by developing self-supporting enterprises or to provide 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 \$200,000 (presently under review). 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 Immigration Commission if they are essential to the success of the project, provided they do not exceed 20 per cent 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.

In 1977/78, six LEAP projects involved the Northlands target group. Expenditures, supported 100 per cent by Canada Employment Immigration Commission, were \$669,286. Details of these projects are presented in Table B.18.

TABLE B.18

| MANPOWER DEVELOPMENT SERVICES/LEAP PROGRAM PROGRESS SUMMARY, 1977/78 | | | | | | | | | |
|--|-----------------|---|--|---------------|------------|---------|--------------|------|-----------------------|
| PROJECT NAME | LOCATION | NATURE | PROGRESS TO MAR. 31/78 | COMMITMENT \$ | | | EXPEN-DITURE | JOBS | MAN-WEEKS EMPLOY-MENT |
| | | | | DEVELOP-MENT | OPERA-TION | TOTAL | | | |
| Kistigan | Thicket Portage | Market garden greenhouse | - completion of greenhouse, header, garage, workshop, land cleared, training in market garden techniques | 33,073 | 141,293 | 174,366 | 100,041 | 6 | 526 |
| Opasquia Mfg. (formerly RUBY) | The Pas | Create training and employment activities for residents of The Pas and surrounding Metis communities Duffel parka Mfg. | -training in sewing techniques and design, increased production of better quality parkas -management techniques improved | 96,749 | 106,786 | 203,535 | 162,538 | 9 | 544 |
| Brochet Radio Station | Brochet | Training of broadcast journalists | -operation of 50 watt radio station -trainees selected for training with CBC | 25,550 | 30,214 | 55,764 | 53,879 | 4 | 117 |
| Sagkeeng Furniture Corp. | Fort Alexander | To establish a wood-working enterprise on the reserve and to create no less than 15 continuing jobs | -development and maintenance of an operation plan including: a. market approach b. production capacity c. appropriate training -establish a physical plant with necessary equipment, production and market capability | 26,611 | 121,389 | 148,000 | 130,022 | 11 | 343 |
| Breadtik Commik | Cross Lake | Bakery implementation and production | -employment of 5 women in pastry and bread production -training participants in area of food preparation -supply local community with baked goods | 29,692 | --- | 29,692 | 24,030 | 5 | 121 |
| White Buffalo Enterprises Ltd. | Camper-Ville | To develop an incorporated, worker-owned self-supporting wood producing industry | -employment and training of production workers in various basic work disciplines necessary to compete as a viable business enterprise -training indigenous assistant manager and production manager -production and marketing of various wood products -development of a promotion and marketing plan | 76,868 | 158,666 | 235,534 | 198,776 | 13 | 724 |

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 Status 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 1977/78 total DIAND expenditures for Indian Professional Development were \$1,224,246. 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 1977/78 a total of 170 students were enrolled in this activity with a DIAND expenditure of \$455,021. Of the 170 students, 140 are continuing, 25 have discontinued and 5 are graduates. Table B.19 displays activity during the year.

TABLE B.19

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO REGULAR UNIVERSITY TRAINING 1977/78 | | | | | | | |
|--|-------------------|---|---|------------|---|--------------|-------------|
| COMMUNITY | NO. OF STUENTS | UNIVERSITY | FACULTY & NO. OF STUENTS ENROLLED | CONTINUING | | DISCONTINUED | |
| | | | | | | GRADUATE | EXPENDITURE |
| Berens River | 8 | 3-N. Dakota 1-Bemidji State 2-Winnipeg 2-Brandon | 2-Arts 1-Science 3-Education 2-Grad Studies | 6 | 1 | 1 | 26,925 |
| Bloodvein | 2 | 1-Winnipeg 1-Manitoba | 1-Arts 1-Science | 1 | | 1 | 2,522 |
| Crane River | 1 | 1-Manitoba | 1-Arts | 1 | | | 276 |
| Cross Lake | 12 | 1-Winnipeg 11-Brandon | 2-Arts 1-Gen. Studies 9-Education | 11 | 1 | | 36,609 |
| Easterville | 2 | 2-Brandon | 1-Arts 1-Education | 2 | | | 7,941 |
| Fairford | 5 | 2-Sask. Ind. Cult. College 2-Manitoba 1-Brandon | 2-Science 1-Education 2-Social Work | 5 | | | 30,753 |
| Fisher River | 12 | 1-Winnipeg 1-Sask. 2-Manitoba 1-B.C. 1-Comason College 6-Brandon | 7-Arts 5-Education | 11 | 1 | | 30,976 |
| Fox Lake | 4 | 4-Brandon | 2-Arts 1-Gen. Studies 1-Education | 3 | 1 | | 9,089 |
| Garden Hill | 28 | 7-Winnipeg 7-Inter U of The North 5-Manitoba 9-Brandon | 21-Arts 5-Education 1-Gen. Studies 1-Social Work | 25 | 3 | | 52,353 |
| Gods Narrows | 2 | 1-Manitoba 1-Brandon | 1-Arts 1-Education | 1 | 1 | | 3,364 |
| Grand Rapids | 3 | 3-Brandon | 1-Gen. Studies 2-Education | 3 | | | 5,671 |
| Hollow Water | 1 | 1-Manitoba | 1-Arts | 1 | | | 2,845 |
| Lake St. Martin | 4 | 2-Winnipeg 2-Brandon | 2-Arts 2-Education | 3 | 1 | | 11,958 |
| Little Black River | 1 | 1-Manitoba | 1-Arts | 1 | | | 3,075 |
| Nelson House | 7 | 2-K.W.T. Bible College 2-Manitoba 3-Brandon | 4-Arts 3-Education | 6 | 1 | | 20,406 |
| Norway House | 10 | 1-Regina 1-Inter U of the North 1-Manitoba 1-Winnipeg 6-Brandon | 6-Arts 4-Education | 8 | 1 | 1 | 21,685 |

TABLE B.19 Cont'd

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO REGULAR UNIVERSITY TRAINING 1977/78 | | | | | | |
|--|-----------------|--|--|------------|--------------|-------------------------|
| COMMUNITY | ND. OF STUDENTS | UNIVERSITY | FACULTY & NO. OF STUDENTS ENROLLED | | | |
| | | | | CONTINUING | DISCONTINUED | GRADUATE EXPENDITURE \$ |
| Oxford House | 2 | 1-KWJ. Bible College 1-Brandon | 2-Arts | 2 | | 2,990 |
| Peguis | 15 | 3-Manitoba 1-KE Centre 1-NITEP 1-Vancouver CC 1-BC 4-Winnipeg 2-Montana 2-Brandon | 13-Arts 2-Education | 13 | 2 | 51,812 |
| Pine Creek | 3 | 1-Brandon 1-Menn. Bible College 1-Winnipeg | 2-Arts 1-Education | 3 | | 15,675 |
| Poplar River | 1 | 1-Brandon | 1-Arts | 1 | | 2,386 |
| Pukatawagan | 4 | 4-Brandon | 4-Education | 3 | 1 | 7,286 |
| Red Sucker Lake | 2 | 2-Brandon | 1-Arts 1-Education | 2 | | 9,007 |
| Shamattawa | 3 | 2-Manitoba 1-Brandon | 2-Arts 1-Science | 2 | 1 | 6,866 |
| Shoal River | 4 | 1-Manitoba 3-Brandon | 3-Arts 1-Education | 2 | 1 | 10,728 |
| Split Lake | 3 | 1-Manitoba 2-Brandon | 1-Theology 2-Education | 2 | 1 | 10,602 |
| St. Theresa Point | 17 | 6-Winnipeg 2-Manitoba 1-Regina 1-Inter U of the North 7-Brandon | 9-Arts 1-Commerce 6-Education | 14 | 3 | 34,997 |
| Tadoule | 2 | 1-Winnipeg 1-Brandon | 1-Arts 1-Education | 1 | 1 | 5,471 |
| The Pas | 10 | 2-Sask. 1-Margaret Barbour 1-Timmins 2-N. Dakota 2-Winnipeg 1-Brandon | 5-Arts 4-Education 1-Social Work | 8 | 2 | 24,158 |
| Wasagamack | 1 | 1-Manitoba | 1-Arts | 1 | | 3,351 |
| York Landing | 1 | 1-Brandon | 1-Arts | | 1 | 3,244 |
| TOTAL 170 | | | | 140 | 25 | 5 \$455,021 |

Activity 2 Support to BUNTEP - Facilities

(Brandon University Northern Teacher Education Program)

BUNTEP is an off-campus teacher training program delivered to students residing in remote northern Manitoba communities. It is a three year program which leads to an elementary teaching certificate. DIAND assists in the operation of the BUNTEP centres, located in northern Indian Reserve Communities, by providing classroom facilities in schools or by providing suitable instructional area elsewhere to facilitate program delivery.

In 1977/78, six communities received DIAND support in the amount of \$20,000. Table B.20 displays activity during the year.

| TABLE B.20 | |
|--|-------------|
| <u>INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO BUNTEP FACILITIES 1977/78</u> | |
| COMMUNITY | EXPENDITURE |
| Cross Lake | \$ 2,000 |
| Garden Hill | 3,000 |
| Nelson House | 3,000 |
| Norway House | 2,000 |
| Oxford House | 8,000 |
| Peguis | 2,000 |
| TOTAL | \$20,000 |

Activity 3 Support to IMPACTE (Indian Metis Project for Careers through Teacher Education)

IMPACTE, initiated and operated prior to BUNTEP is an on-campus teacher training program at the Brandon University. It is a three year full time University Program leading to a teaching

certificate. DIAND supports Treaty Indian students enrolled in this program by transferring funds on their behalf to Brandon University for tuition, books, travel, living and other allowances, counselling services, housing assistance and special needs as required.

During 1977/78, DIAND expenditures were \$81,400. Eleven students from northern reserves were enrolled and are all continuing in this activity. Table B.21 displays activity during the year.

| TABLE B.21 | | |
|---|-------------------|--------------|
| <u>INDIAN PROFESSIONAL DEVELOPMENT/</u> | | |
| <u>SUPPORT TO IMPACTE 1977/78</u> | | |
| COMMUNITY | NO.OF STUDENTS | EXPENDITURE |
| Cross Lake | 1 | \$ 7,400 |
| Fisher River | 1 | 7,400 |
| Grand Rapids | 2 | 14,800 |
| Lake St. Martin | 2 | 14,800 |
| Pine Creek | 1 | 7,400 |
| Pukatawagan | 1 | 7,400 |
| Red Sucker Lake | 1 | 7,400 |
| St. Theresa Point | 1 | 7,400 |
| Shoal River | <u>1</u> | <u>7,400</u> |
| | TOTAL | 11* |
| | | \$81,400 |

* Status - All students in this activity are continuing.

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 enrol 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 1977/78, DIAND expenditures were \$74,000 and ten students from northern reserves were enrolled in this activity. Table B.22 displays activity during the year.

| TABLE B.22 INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO CORE 1977/78 | | |
|---|-----------------|-------------|
| COMMUNITY | NO. OF STUDENTS | EXPENDITURE |
| Gods Lake | 1 | \$ 7,400 |
| Grand Rapids | 1 | 7,400 |
| Nelson House | 4 | 29,600 |
| Red Sucker Lake | 1 | 7,400 |
| St. Theresa Point | 1 | 7,400 |
| Split Lake | 1 | 7,400 |
| Waterhen | 1 | 7,400 |
| | TOTAL | 10* |
| | | \$74,000 |

* Status - All students in this activity are continuing

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 teacher certification. 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 aid.

During 1977/78, DIAND expenditures for this activity were \$41,155 with 44 students from northern reserves enrolled. Table B.23 displays activity during the year.

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.

TABLE B.23
INDIAN PROFESSIONAL DEVELOPMENT/
SUPPORT TO PENT 1977/78

| COMMUNITY | NO. OF STUDENTS | EXPENDITURE |
|--|-----------------|-------------|
| Berens River | 2 | \$ 1,760 |
| Brochet | 1 | 490 |
| Crane River | 1 | 1,226 |
| Cross Lake | 4 | 3,437 |
| Fairford | 3 | 3,090 |
| Garden Hill | 3 | 3,802 |
| Gods Lake | 1 | 965 |
| Lake St. Martin | 1 | 1,060 |
| Little Grand Rapids | 1 | 745 |
| Little Saskatchewan | 1 | 1,000 |
| Nelson House | 3 | 1,730 |
| Norway House | 6 | 5,785 |
| Peguis | 1 | 1,039 |
| Pine Creek | 1 | 965 |
| Poplar River | 1 | 745 |
| Pukatawagan | 1 | 1,060 |
| Red Sucker Lake | 1 | 696 |
| St. Theresa Point | 3 | 3,678 |
| Shamattawa | 1 | 992 |
| Shoal River | 2 | 1,509 |
| Split Lake | 2 | 1,971 |
| Wasagamack | 1 | 965 |
| Waterhen | 2 | 1,490 |
| York Landing | 1 | 964 |
| TOTAL | 44* | \$41,155 |
| * Status - All students in this activity are continuing. | | |

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 1977/78, DIAND expenditures for this activity were \$326,774, with a total of 116 students from northern reserves enrolled. Of the 116 students, 30 are continuing, 45 have discontinued and 41 have graduated. Table B.24 displays activity during the year.

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.

TABLE B.24

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO COMMUNITY COLLEGE TRAINING 1977/78 | | | | | | |
|---|-----------------|--|------------|--------------|----------|----------------|
| COMMUNITY | NO. OF STUDENTS | FACULTY & NO. OF STUDENTS ENROLLED | CONTINUING | DISCONTINUED | GRADUATE | EXPENDITURE \$ |
| Brochet | 1 | 1 - Nursing | | | 1 | 4,044 |
| Cross Lake | 6 | 1 - Welding 1 - Electrical 1 - Carpentry 2 - Typing 1 - Nursing | 1 | 3 | 2 | 12,949 |
| Fisher River | 12 | 2 - Hairdressing 1 - Secretarial 1 - Business Admin. 2 - Dental Asst. 1 - Welding 1 - Social Services 1 - Radio/TV Technician 1 - Typing 2 - Other | 3 | 2 | 7 | 38,088 |
| Berens River | 2 | 1 - Bookkeeping 1 - Typing | | 1 | 1 | 3,503 |
| Bloodvein | 3 | 1 - Hairdressing 1 - Pilot 1 - Communications | | 2 | 1 | 11,095 |
| Easterville | 1 | 1 - Nursing | | | 1 | 3,059 |
| Fairford | 3 | 1 - Secretarial 1 - Business Admin. 1 - Other | 1 | 2 | | 9,258 |
| Garden Hill | 4 | 1 - Auto Mechanics 1 - Social Services 1 - Typing 1 - Survey Tech. | 1 | 3 | | 6,018 |
| Gods Lake | 3 | 1 - Business Admin. 1 - Dental 1 - Other | 2 | | 1 | 19,988 |
| Hollow Water | 2 | 2 - Typing | | 2 | | 3,499 |
| Jackhead | 1 | 1 - Nursing | 1 | | | 4,136 |
| Lake St. Martin | 2 | 1 - Secretarial 1 - Business Admin. | | 2 | | 6,924 |
| Little Black River | 1 | 1 - Communications | 1 | | | 55 |
| Little Grand Rapids | 2 | 1 - Business Admin. 1 - Other | 1 | 1 | | 1,446 |

Continued ...

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO COMMUNITY COLLEGE TRAINING 1977/78 | | | | | | |
|---|-----------------|---|--------------|----------------|------------|------------------|
| COMMUNITY | NO. OF STUDENTS | FACULTY & NO. OF STUDENTS ENROLLED | CONTIN- UING | DISCON- TINUED | GRADU- ATE | EXPEND- ITURE \$ |
| Moose Lake | 2 | 1 - Secretarial 1 - Pre. Voc. | | 1 | 1 | 6,556 |
| Nelson House | 2 | 2 - Typing | 2 | | | 5,468 |
| Norway House | 8 | 1 - Electrical 1 - Bookkeeping 3 - Typing 2 - Nursing 1 - Pilot Training | 1 | 5 | 2 | 26,110 |
| Oxford House | 2 | 1 - Secretarial 1 - Bookkeeping | | 2 | | 1,368 |
| Peguis | 31 | 4 - Hairdressing 9 - Secretarial 4 - Typing 2 - Electrical 2 - Business Admin. 1 - Plumbing 1 - Pilot Training 2 - Nursing 1 - Welding 2 - Other 3 - Auto Mechanics | 7 | 10 | 14 | 91,850 |
| Pine Creek | 1 | 1 - Auto Mechanics | | | 1 | 3,576 |
| Poplar River | 2 | 1 - Business Admin. 1 - Pilot Training | 1 | 1 | | 7,037 |
| Pukatawagan | 2 | 1 - Typing 1 - L.P.N. | | 2 | | 5,394 |
| Red Sucker Lake | 1 | 1 - Hairdressing | | | 1 | 1,460 |
| Shoal River | 1 | 1 - Secretarial | | 1 | | 343 |
| Split Lake | 2 | 1 - Secretarial 1 - Other | | 1 | 1 | 4,417 |
| St. Theresa Point | 8 | 3 - Typing 1 - Pilot Training 4 - Other | 3 | | 5 | 24,701 |
| Tadoule | 3 | 1 - Hairdressing 1 - Pilot Training 1 - Adult Education | | 2 | 1 | 4,980 |
| The Pas | 7 | 1 - Auto Mechanics 1 - Typing 2 - Nursing 3 - Other | 4 | 2 | 1 | 18,873 |
| Wasagamack | 1 | 1 - Typing | 1 | | | \$ 579 |
| TOTAL | 116 | | 30 | 45 | 41 | \$326,774 |

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 1977/78, DIAND expenditures for this activity were \$122,527 with 442 participants for a total of 4,663 training days. Table B.25 displays activity during the year.

TABLE B.25

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO BAND STAFF TRAINING 1977/78 | | | |
|--|----------------|--|----------------|
| COMMUNITY | NO. OF PERSONS | COURSES/PERSONS ENROLLED | EXPENDITURE \$ |
| Berens River | 7 | B.E.D. Committee * - 6 Social Development - 1 | 1,713 |
| Bloodvein | 5 | Auxiliary Education - 4 Social Development - 1 | 2,733 |
| Crane River | 9 | Welfare Admin. - 1 Band Management - 2 B.E.D. Committee - 6 | 4,610 |
| Cross Lake | 7 | Auxiliary Education - 5 Social Development - 2 | 3,010 |
| Dauphin River | 13 | Economic Admin. - 6 Management - 1 Local Government - 6 | 3,870 |
| Easterville | 3 | Home-School - 2 B.E.D. Committee - 1 | 4,522 |
| Fairford | 15 | Local Government -10 School Committee - 3 Band Management - 2 | 2,507 |
| Fisher River | 5 | B.E.D. Committee - 1 Accounting - 3 Home-School - 1 | 3,609 |
| Fox Lake | 1 | Project Supervisor - 1 | 203 |
| Garden Hill | 7 | Small Motor Repair - 5 Social Development - 2 | 200 |
| Gods Lake | 43 | Committees Council -19 B.E.D. Committee - 3 Budget Formulation -11 Local Government - 8 Social Development - 2 | 2,953 |
| Gods River | 12 | Indian Act - 4 Social Development - 2 Planning - 2 Carpentry - 4 | 4,298 |
| Grand Rapids | 17 | Local Government - 9 Home-School - 2 Welfare Admin. - 2 Project Supervisor - 1 Band Management - 1 B.E.D. Committee - 2 | 5,106 |
| Hollow Water | 6 | Management - 1 Project Supervisor - 1 B.E.D. Committee - 4 | 2,975 |
| Jackhead | 5 | Police Training - 1 Band Management - 2 Welfare Admin. - 1 Home-School - 1 | 3,988 |
| Lake St. Martin | 24 | Band Management - 2 Home-School - 1 School Trustee - 7 Local Government -12 Band Admin. - 2 | 5,879 |

* Band Economic Development Committee.

Continued ...

TABLE B.25 Cont'd

| INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO BAND STAFF TRAINING 1977/78 | | | |
|--|----------------|--|----------------|
| COMMUNITY | NO. OF PERSONS | COURSES/PERSONS ENROLLED | EXPENDITURE \$ |
| Little Black River | 2 | Auxiliary Education - 1 Social Development - 1 | 538 |
| Little Saskatchewan | 2 | Project Supervisor - 1 Band Management - 1 | 1,105 |
| Moose Lake | 3 | Local Government - 1 Home-School - 1 Welfare Admin. - 1 | 464 |
| Nelson House | 10 | Constable Training - 1 Local Government - 9 | 1,547 |
| Norway House | 10 | Social Development - 2 Local Government - 8 | 1,464 |
| Peguis | 91 | Band Staff -18 Tech. Advisorship - 1 Band Management - 1 Clerical - 2 School Board -32 Home-School -18 Education Authority -16 B.E.D. Committee - 1 Welfare Admin. - 2 | 16,223 |
| Pine Creek | 12 | Band Staff - 1 Welfare Admin. - 1 Custodial - 2 Local Government - 8 | 910 |
| Poplar River | 5 | Social Development - 1 Auxiliary Education - 4 | 2,863 |
| Pukatawagan | 3 | Band Management - 1 Bookkeeping - 1 Education - 1 | 6,361 |
| Red Sucker Lake | 7 | Budget Formulation - 5 Social Development - 2 | 400 |
| Shamattawa | 34 | Local Government -10 Band Management - 3 Community Awareness -12 B.E.D. Committee (Thompson) - 9 | 9,686 |
| Shoal River | 21 | Local Government -10 Home-School - 2 Welfare Admin. - 1 Project Supervisor - 1 B.E.D. Committee - 6 Band Management - 1 | 10,190 |
| Split Lake | 1 | Band Management - 1 | 860 |
| St. Theresa Point | 8 | Band Management - 2 B.E.D. Committee - 5 Management - 1 | 1,624 |
| The Pas | 31 | Welfare Admin. - 4 Home-School - 1 Women's Association -10 Band Management - 4 Committee's Council -12 | 6,206 |
| Waterhen | 12 | Welfare Admin. - 1 B.E.D. Committee - 1 Band Management - 2 Band Staff - 8 | 8,310 |
| York Landing | 11 | Local Government -10 Band Management - 1 | 1,100 |
| TOTAL | 442 | | \$122,527 |

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 four 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 allowances, and other required needs.

During 1977/78, DIAND expenditures for this activity were \$63,360. Four community educators were employed as shown in Table B.26.

| TABLE B.26 | | |
|---|------------------|----------------|
| <u>INDIAN PROFESSIONAL DEVELOPMENT/</u> | | |
| <u>SUPPORT TO COMMUNITY EDUCATORS 1977/78</u> | | |
| COMMUNITY | NO. OF EDUCATORS | EXPENDITURE \$ |
| Garden Hill | 1 | 15,840 |
| Nelson House | 1 | 15,840 |
| St. Theresa Point | 1 | 15,840 |
| Wasagamack | 1 | 15,840 |
| TOTAL | 4 | 63,360 |

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 1977/78, DIAND expenditures for this activity were \$40,000 with nine Home/School Coordinators enrolled in this program. Table B.27 displays activity during the year.

| TABLE B.27 INDIAN PROFESSIONAL DEVELOPMENT/ SUPPORT TO COUNSELLOR TRAINING 1977/78 | | |
|--|-----------------|-------------|
| COMMUNITY | NO. OF STUDENTS | EXPENDITURE |
| Berens River | 1 | \$ 4,445 |
| Fairford | 1 | 4,445 |
| Lake St. Martin | 1 | 4,445 |
| Little Grand Rapids | 1 | 4,445 |
| Poplar River | 1 | 4,445 |
| Pukatawagan | 1 | 4,445 |
| Split Lake | 1 | 4,445 |
| St. Theresa Point | 1 | 4,445 |
| York Landing | 1 | 4,445 |
| | 9 | \$40,000 |

Table B.28 summarizes total participation in the Indian Professional Development project.

TABLE B.28

INDIAN PROFESSIONAL DEVELOPMENT PROJECT SUMMARY
SUMMARY OF PARTICIPANTS BY COMMUNITY BY ACTIVITY 1977/78

| COMMUNITY | REGULAR UNIVERSITY | BUNTEP (FACILITIES) | IMPACTE CORE | PENT | COMMUNITY COLLEGES | BAND STAFF | COMMUNITY EDUCATORS | COMMUNITY COUNSELLORS | TOTAL | |
|------------------------------|-----------------------|------------------------|-----------------|------|-----------------------|------------|------------------------|--------------------------|-------|-----|
| Berens River | 8 | - | - | 2 | 2 | 7 | - | 1 | 20 | |
| Bloodvein | 2 | - | - | - | 3 | 5 | - | - | 10 | |
| Brochet (Barren Lands) | - | - | - | 1 | 1 | - | - | - | 2 | |
| Crane River | 1 | - | - | 1 | - | 9 | - | - | 11 | |
| Cross Lake | 12 | 1 | 1 | 4 | 6 | 7 | - | - | 31 | |
| Dauphin River | - | - | - | - | - | 13 | - | - | 13 | |
| Easterville (Chemahawin) | 2 | - | - | - | 1 | 3 | - | - | 6 | |
| Fairford | 5 | - | - | 3 | 3 | 15 | - | 1 | 27 | |
| Fisher River | 12 | - | 1 | - | 12 | 5 | - | - | 30 | |
| Fox Lake | 4 | - | - | - | - | 1 | - | - | 5 | |
| Garden Hill | 28 | 1 | - | 3 | 4 | 7 | 1 | - | 44 | |
| Gods Lake Narrows | 2 | - | - | 1 | 1 | 43 | - | - | 50 | |
| Gods River | - | - | - | - | - | 12 | - | - | 12 | |
| Grand Rapids | 3 | - | 2 | 1 | - | 17 | - | - | 23 | |
| Hollow Water | 1 | - | - | - | - | 6 | - | - | 9 | |
| Jackhead | - | - | - | - | 1 | 5 | - | - | 6 | |
| Lake St. Martin | 4 | - | 2 | 1 | 2 | 24 | - | 1 | 34 | |
| Little Black River | 1 | - | - | - | 1 | 2 | - | - | 4 | |
| Little Grand Rapids | - | - | - | 1 | 2 | - | - | 1 | 4 | |
| Little Saskatchewan | - | - | - | 1 | - | 2 | - | - | 3 | |
| Moose Lake | - | - | - | - | 2 | 3 | - | - | 5 | |
| Nelson House | 7 | 1 | - | 4 | 3 | 10 | 1 | - | 28 | |
| Norway House | 10 | 1 | - | - | 6 | 8 | 10 | - | 35 | |
| Oxford House | 2 | 1 | - | - | - | 2 | - | - | 5 | |
| Peguis | 15 | 1 | - | - | 1 | 31 | 91 | - | 139 | |
| Pine Creek | 3 | - | 1 | - | 1 | 1 | 12 | - | 18 | |
| Poplar River | 1 | - | - | - | 1 | 2 | 5 | 1 | 10 | |
| Pukatawagan (Mathias Colomb) | 4 | - | 1 | - | 1 | 2 | 3 | 1 | 12 | |
| Red Sucker Lake | 2 | - | 1 | 1 | 1 | 1 | 7 | - | 13 | |
| Shamattawa | 3 | - | - | - | 1 | - | 34 | - | 38 | |
| Shoal River | 4 | - | 1 | - | 2 | 1 | 21 | - | 29 | |
| Split Lake | 3 | - | - | 1 | 2 | 2 | 1 | 1 | 10 | |
| St. Theresa Point | 17 | - | 1 | 1 | 3 | 8 | 8 | 1 | 40 | |
| Tadoule (Churchill) | 2 | - | - | - | - | 3 | - | - | 5 | |
| The Pas | 10 | - | - | - | - | 7 | 31 | - | 48 | |
| Wasagamack | 1 | - | - | - | 1 | 1 | - | 1 | 4 | |
| Waterhen | - | - | - | 1 | 2 | - | 12 | - | 15 | |
| York Landing | 1 | - | - | - | 1 | - | 11 | 1 | 14 | |
| TOTAL | 170 | 6 | 11 | 10 | 44 | 116 | 442 | 4 | 9 | 812 |

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, plus extending those services which support employment increasing prospects. During 1977/78, total DIAND expenditures for ITES, were \$548,130. The assistance was provided through the following seven component activities:

Activity 1 Support to Summer Student Employment

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

Funds are provided to northern Indian 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 coordinators for the projects.

During 1977/78, DIAND expenditures for this activity were \$313,392, with a total of 367 students from northern reserves participating. Table B.29 displays activity during the year.

Activity 2 Support to OUTREACH

The objective of OUTREACH is to extend employment services and information to residents of remote communities in northern Manitoba in conjunction with the ongoing placement and support services of the Canada Employment and Immigration Commission (CEIC). The target of this activity was to support this objective and to provide increased support to Treaty Indian residents who exhibit readiness for attachment to the general labour force.

The activity had two components:

- a) The Department of Indian Affairs provided support funding for the employment of OUTREACH Counsellors as arranged by CEIC. Funds were transferred to CEIC with that department making implementation arrangements in the Indian communities.
- b) The Department of Indian Affairs provides Bands with financial support to the OUTREACH program on a short-term basis to enable Treaty Indians to act directly on job opportunities.

During 1977/78, no expenditures were made on behalf of the communities within the Northlands Agreement. This service, previously cost-shared, was totally provided by CEIC.

TABLE B.29

| INDIAN TRAINING FOR EMPLOYMENT SKILLS/ SUPPORT TO STUDENT SUMMER EMPLOYMENT 1977/78 | | | |
|--|-----------------|----------------------|-------------|
| COMMUNITY | NO. OF STUDENTS | MAN WEEKS EMPLOYMENT | EXPENDITURE |
| Bloodvein | 12 | 80 | 9,792 |
| Easterville | 6 | 48 | 5,297 |
| Fairford | 20 | 120 | 12,714 |
| Fisher River | 31 | 220 | 22,437 |
| Fox Lake | 3 | 34 | 4,925 |
| Garden Hill | 21 | 168 | 22,291 |
| Gods Lake | 16 | 132 | 16,712 |
| Gods River | 5 | 40 | 4,720 |
| Grand Rapids | 2 | 20 | 1,777 |
| Hollow Water | 6 | 48 | 6,020 |
| Jackhead | 5 | 32 | 4,123 |
| Lac Brochet | 16 | 64 | 7,919 |
| Lake St. Martin | 26 | 80 | 9,547 |
| Little Black River | 6 | 26 | 3,786 |
| Little Grand Rapids | 11 | 88 | 11,813 |
| Little Saskatchewan | 6 | 54 | 7,929 |
| Moose Lake | 2 | 20 | 2,500 |
| Norway House | 8 | 20 | 6,994 |
| Oxford House | 12 | 96 | 12,373 |
| Pine Creek | 9 | 72 | 9,718 |
| Peguis | 46 | 350 | 42,602 |
| Poplar River | 6 | 50 | 7,697 |
| Pukatawagan | 19 | 156 | 19,055 |
| Red Sucker Lake | 4 | 40 | 2,267 |
| Shamattawa | 20 | 60 | 7,489 |
| Split Lake | 20 | 140 | 17,044 |
| St. Theresa Point | 16 | 128 | 18,139 |
| Tadoule | 2 | 20 | 2,500 |
| Wasagamack | 7 | 58 | 7,409 |
| York Landing | 4 | 38 | 5,803 |
| TOTAL | 367 | 2,532 | \$313,392 |

Activity 3 Support to Employment Placement

The Department of Indian Affairs provides immediate assistance to placement of Treaty Indian people into employment situations. Minimal funding support is provided, only when such support cannot be obtained from CEIC, to those Indian persons who require quick assistance to begin or continue employment.

For example, 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 support, etc. As well, support may include students graduating or leaving school who require immediate assistance for employment placement.

DIAND financial support is of a modest nature and may include the purchase of clothing, tools, travel and other allowances, and related special needs.

During 1977/78, DIAND expenditures for this activity were \$30,654 with a total of 295 individuals from northern reserves receiving job placement assistance. Table B.30 displays activity during the year.

Activity 4 Support to Basic Job Readiness Training (BJRT)

The Basic Job Readiness Training Program is funded by CEIC. To increase the employment opportunities for persons living in remote northern communities, it is necessary to provide a program which deals with a basic knowledge of number and language skills, and related work orientation requirements. The BJRT program is offered within the local community or at Keewatin Community College in The Pas.

TABLE B.30

| <u>INDIAN TRAINING FOR EMPLOYMENT SKILLS/ SUPPORT TO EMPLOYMENT PLACEMENT 1977/78</u> | | |
|---|------------|--------------|
| COMMUNITY | PLACEMENTS | EXPENDITURES |
| Berens River | 8 | 1,433 |
| Bloodvein | 5 | 545 |
| Brochet | 5 | 239 |
| Crane River | 8 | 740 |
| Cross Lake | 3 | 150 |
| Easterville | 4 | 249 |
| Fairford | 16 | 1,379 |
| Fisher River | 29 | 2,723 |
| Fox Lake | 2 | 268 |
| Garden Hill | 6 | 1,310 |
| Gods Lake | 10 | 832 |
| Grand Rapids | 2 | 270 |
| Hollow Water | 4 | 510 |
| Jackhead | 8 | 322 |
| Lake St. Martin | 17 | 1,062 |
| Little Black River | 14 | 1,182 |
| Little Saskatchewan | 8 | 191 |
| Moose Lake | 2 | 212 |
| Nelson House | 6 | 700 |
| Norway House | 10 | 669 |
| Oxford House | 6 | 501 |
| Pine Creek | 7 | 654 |
| Peguis | 70 | 9,431 |
| Poplar River | 7 | 948 |
| Pukatawagan | 1 | 70 |
| Red Sucker Lake | 1 | 90 |
| Shamattawa | 2 | 129 |
| Shoal River | 11 | 1,027 |
| Split Lake | 2 | 64 |
| St. Theresa Point | 15 | 2,258 |
| Tadoule | 1 | 60 |
| The Pas | 2 | 28 |
| Wasagamack | 1 | 110 |
| Waterhen | 1 | 150 |
| York Landing | 1 | 148 |
| TOTAL | 295 | \$30,654 |

The Department of Indian Affairs provides supplementary assistance to that available under the CEIC program where required on behalf of Treaty Indian people. This assistance, which is given only in special situations to meet the needs of a particular program which cannot be funded entirely by CEIC, may include extra tutorial and/or para-professional assistance, recreational support, etc.

No expenditures were made on behalf of this program during 1977/78. DIAND staff did, however, assist communities in obtaining Basic Job Readiness programs totally sponsored by CEIC.

Activity 5 Support to Training on-the-Job

To increase the participation of Treaty Indian people 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 Indian persons employed in this training program by federal government departments. This may include those working for Parks Canada (as attendants, game wardens, etc.); for CEIC (as clerks, manpower counsellors); for Public Service Commission (as clerks, etc.); and for DIAND (as clerks, employment training facilitators, etc.). Financial support includes salary equivalence during the required training period and, as required, may include related special needs.

During 1977/78, DIAND expenditures for this activity were \$113,946, with a total of 23 individuals from northern reserves enrolled in the program. Average expenditure per trainee was \$4,954. Table B.31 displays activity during the year.

TABLE B.31

INDIAN TRAINING FOR EMPLOYMENT SKILLS/
SUPPORT TO TRAINING ON THE JOB 1977/78--

| COMMUNITY | NO. OF STUDENTS | TYPE OF TRAINING | LENGTH OF TRAINING (WEEKS) | DIAND EXPENDITURE \$ | STATUS OF STUDENTS TRAINING |
|-------------------|-----------------|-------------------------|----------------------------|----------------------|-----------------------------|
| Bloodvein | 1 | Program Administrator | 11 | 2,762 | discontinued |
| Crane River | 1 | Program Administrator | 47 | 11,549 | completed |
| Cross Lake | 1 | Program Administrator | 48 | 11,800 | completed |
| Fairford | 1 | Program Administrator | 11 | 2,762 | continuing |
| Garden Hill | 4 | 1 Clerk | 28 | 5,408 | continuing |
| | | 1 Clerk | 28 | 5,408 | continuing |
| | | 1 Program Administrator | 48 | 11,801 | completed |
| | | 1 Band Finance Clerk | 22 | 5,296 | discontinued |
| Nelson House | 1 | Program Administrator | 8 | 992 | discontinued |
| Peguis | 5 | 1 Clerk | 22 | 4,044 | completed |
| | | 1 Program Administrator | 22 | 5,173 | completed |
| | | 1 Clerk | 23 | 4,272 | discontinued |
| | | 1 Program Administrator | 47½ | 11,700 | completed |
| Pine Creek | 3 | 1 Program Administrator | 8 | 783 | discontinued |
| | | In School Plan Mtnc. | 4 | 700 | completed |
| | | 1 Heavy Equip. Op. | 6 | 840 | completed |
| St. Theresa Point | 3 | 1 Heavy Equip. Op. | 6 | 840 | completed |
| | | 1 Clerk | 13 | 2,741 | completed |
| | | 1 Clerk | 6 | 1,305 | completed |
| The Pas | 3 | 1 Program Administrator | 47 | 11,349 | completed |
| | | 1 Clerk | 22 | 4,272 | completed |
| | | 1 Clerk | 22 | 3,479 | completed |
| | | 1 Program Administrator | 20 | 4,670 | continuing |
| TOTAL | 23 | | | \$113,946 | |

Activity 6 Support to General Adult Education

The General Adult Education activity provides support to Treaty Indian people actively engaged in the development of community school committees and social development programs. This experience may lead to extended training and employment opportunities while strengthening the communities' social infrastructure.

The activity includes two components:

- a) Activities of School Committees - School committees provide support to Band Chiefs and Councils by assisting in the development of the local control of education. The study of local needs and the dissemination of information to further this educational process is a function of school committees. DIAND funds are provided to Band Councils based on \$4.00 per capita to a maximum per community of \$1,200.
- b) Social Courses - Individual skill development programs which meet family and community needs are provided at the request of the Indian community. Such a program might be Child Care or Home Management. DIAND funds may be provided to courses established which are not in receipt of CEIC support.

During 1977/78, DIAND expenditures for this activity were \$79,138, with a total of 410 individuals from northern reserves participating in the activity. Table B.32 displays activity during the year.

TABLE B.32

| INDIAN TRAINING FOR EMPLOYMENT SKILLS/ SUPPORT TO GENERAL ADULT EDUCATION 1977/78 | | | |
|--|-------------------------|---------------------|----------------|
| COMMUNITY | PROGRAM | NO. OF PARTICIPANTS | EXPENDITURE \$ |
| Berens River | Advanced Carpentry | 16 | 3,920 |
| | Basic Carpentry | 16 | |
| | Log Plant Training | 3 | |
| Bloodvein | Adult Basic Education | 12 | 2,000 |
| Cross Lake | Basic Carpentry | 10 | 2,200 |
| | Handicraft | 12 | |
| Dauphin River | Carpentry Int. | 6 | 3,000 |
| Fairford | School Committee | 5 | 981 |
| Fisher River | School Committee | 5 | 1,200 |
| Garden Hill | Carpentry | 12 | 1,600 |
| Gods Lake | Carpentry | 12 | 2,100 |
| | Adult Basic Education | 12 | |
| Gods River | Light Equip. Op | 2 | 9,400 |
| | Log Building | 2 | |
| | Carpentry | 6 | |
| Jackhead | School Committee | 3 | 3,934 |
| | Bookkeeper | 1 | |
| | Knuckle Boom Operator | 3 | |
| Lake St. Martin | School Committee | 5 | 866 |
| Little Grand Rapids/ Pauingassi | Adult Basic Education | 28 | 4,900 |
| | Small Motor Repair | 30 | |
| Little Saskatchewan | School Committee | 3 | 500 |
| Norway House | Adult Basic Education | 15 | 4,200 |
| | Intermediate Carpentry | 12 | |
| Oxford House | Carpentry | 12 | 1,600 |
| Peguis | Seamstress | 16 | 21,087 |
| | Cutter Training | 14 | |
| | Exposure to Sewing Op. | 20 | |
| | Adult Basic Education | 10 | |
| Poplar River | Basic Carpentry | 10 | 1,183 |
| Shamattawa | Carpentry Training | 8 | 2,567 |
| Split Lake | Homemakers Program | 50 | 1,200 |
| St. Theresa Point | Adult Basic Education | 12 | 500 |
| Tadoule | Smoke Fishing operation | 1 | 100 |
| The Pas | Parka Manufacture | 10 | 3,500 |
| Waterhen | Sawmill Crew Assessment | 8 | 6,600 |
| | Sawmill Training | 8 | |
| | TOTAL | 410 | \$79,138 |

Activity 7 Support to Relocation Programs

To increase the number of Treaty Indian people engaged in employment opportunities, it is necessary to provide support to mobility or relocation programs with a wide range of assistance services. The Department of Indian Affairs provides current support to relocation projects such as that with Selkirk Parks Furniture and Tawow, Leaf Rapids. Support for participation by Treaty Indian people in similar relocation projects may be considered as they are developed. DIAND funds may provide support for adjustment activities including community liaison, home counselling, recreational activities, housing assistance, and others as deemed necessary.

The Selkirk Parks Furniture plant is a training/work activity relocation program operated by the Province of Manitoba in Selkirk. DIAND supports costs for those persons of Treaty Indian status who are selected for participation in this program.

At Leaf Rapids, the Province of Manitoba has established Tawow Project - a relocation program which supports the employment of persons of Indian ancestry by Sherritt-Gordon mining operations. DIAND supports costs for those persons of Treaty Indian status who are selected for this program.

During 1977/78, eleven individuals from northern reserves received a relocation grant of \$1,000. each for a total DIAND expenditure of \$11,000. Table B.33 displays activity during the year.

| TABLE B.33 | |
|--|-------------------------|
| <u>INDIAN TRAINING FOR EMPLOYMENT SKILLS/ SUPPORT TO RELOCATION PROGRAMS 1977/78</u> | |
| COMMUNITY | PERSONS/LOCATION |
| Brochet | 1 - Tawow (Leaf Rapids) |
| Cross Lake | 1 - Tawow (Leaf Rapids) |
| Fairford | 2 - Selkirk Furniture |
| Hollow Water | 1 - Selkirk Furniture |
| Lake St. Martin | 1 - Selkirk Furniture |
| Moose Lake | 1 - Tawow (Leaf Rapids) |
| Nelson House | 1 - Tawow (Leaf Rapids) |
| Peguis | 1 - Selkirk Furniture |
| Pukatawagan | 1 - Tawow (Leaf Rapids) |
| St. Theresa Point | 1 - Tawow (Leaf Rapids) |
| TOTAL | 11 |

Table B.34 summarizes total participation in the Indian Training for Employment Skills project.

TABLE B.34

INDIAN TRAINING FOR EMPLOYMENT SKILLS PROJECT SUMMARY

Summary of Participants by Community by Activity 1977/78

| COMMUNITY | SUMMER STUDENT EMPLOYMENT | EMPLOYMENT PLACEMENT | TRAINING ON THE JOB | GENERAL ADULT EDUCATION | RELOCATION PROGRAMS | TOTAL |
|---------------------------------|------------------------------|-------------------------|------------------------|----------------------------|------------------------|-------|
| Berens River | -- | 8 | - | 35 | - | 43 |
| Bloodvein | 12 | 5 | 1 | 12 | - | 30 |
| Brochet (Barren Lands) | 16 | 5 | - | -- | 1 | 22 |
| Crane River | -- | 8 | 1 | -- | - | 9 |
| Cross Lake | -- | 3 | 1 | 22 | 1 | 27 |
| Dauphin River | -- | -- | - | 6 | - | 6 |
| Easterville (Chemahawin) | 6 | 4 | - | -- | - | 10 |
| Fairford | 20 | 16 | 1 | 5 | 2 | 44 |
| Fisher River | 31 | 29 | - | 5 | - | 65 |
| Fox Lake | 3 | 2 | - | -- | - | 5 |
| Garden Hill | 21 | 6 | 4 | 12 | - | 43 |
| Gods Lake Narrows | 16 | 10 | - | 24 | - | 50 |
| Gods River | 5 | -- | - | 10 | - | 15 |
| Grand Rapids | 2 | 2 | - | -- | - | 4 |
| Hollow Water | 6 | 4 | - | -- | 1 | 11 |
| Jackhead | 5 | 8 | - | 7 | - | 20 |
| Lake St. Martin | 26 | 17 | - | 5 | 1 | 49 |
| Little Black River | 6 | 14 | - | -- | - | 20 |
| Little Grand Rapids | 11 | -- | - | 58 | - | 69 |
| Little Saskatchewan | 6 | 8 | - | 3 | - | 17 |
| Moose Lake | 2 | 2 | - | -- | 1 | 5 |
| Nelson House | -- | 6 | 1 | -- | 1 | 8 |
| Norway House | 8 | 10 | - | 27 | - | 45 |
| Oxford House | 12 | 6 | - | 12 | - | 30 |
| Peguis | 46 | 70 | 5 | 60 | 1 | 182 |
| Pine Creek | 9 | 7 | 3 | -- | - | 19 |
| Poplar River | 6 | 7 | - | 10 | - | 23 |
| Pukatawagan (Mathias Colomb) | 19 | 1 | - | -- | 1 | 21 |
| Red Sucker Lake | 4 | 1 | - | -- | - | 5 |
| Shamattawa | 20 | 2 | - | 8 | - | 30 |
| Shoal River | -- | 11 | - | -- | - | 11 |
| Split Lake | 20 | 2 | - | 50 | - | 72 |
| St. Theresa Point | 16 | 15 | 3 | 12 | 1 | 47 |
| Tadoule (Churchill) | 2 | 1 | - | 1 | - | 4 |
| The Pas | -- | 2 | 3 | 10 | - | 15 |
| Wasagamack | 7 | 1 | - | -- | - | 8 |
| Waterhen | -- | 1 | - | 16 | - | 17 |
| York Landing | 4 | 1 | - | -- | - | 5 |
| | 367 | 295 | 23 | 410 | 11 | 1106 |

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 community 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 four activities.

Activity 1 Community Townsite Planning

This activity was implemented by the Manitoba Department of Northern Affairs. During 1977/78 expenditures of \$104,865 were shared 60/40 between DREE and Manitoba.

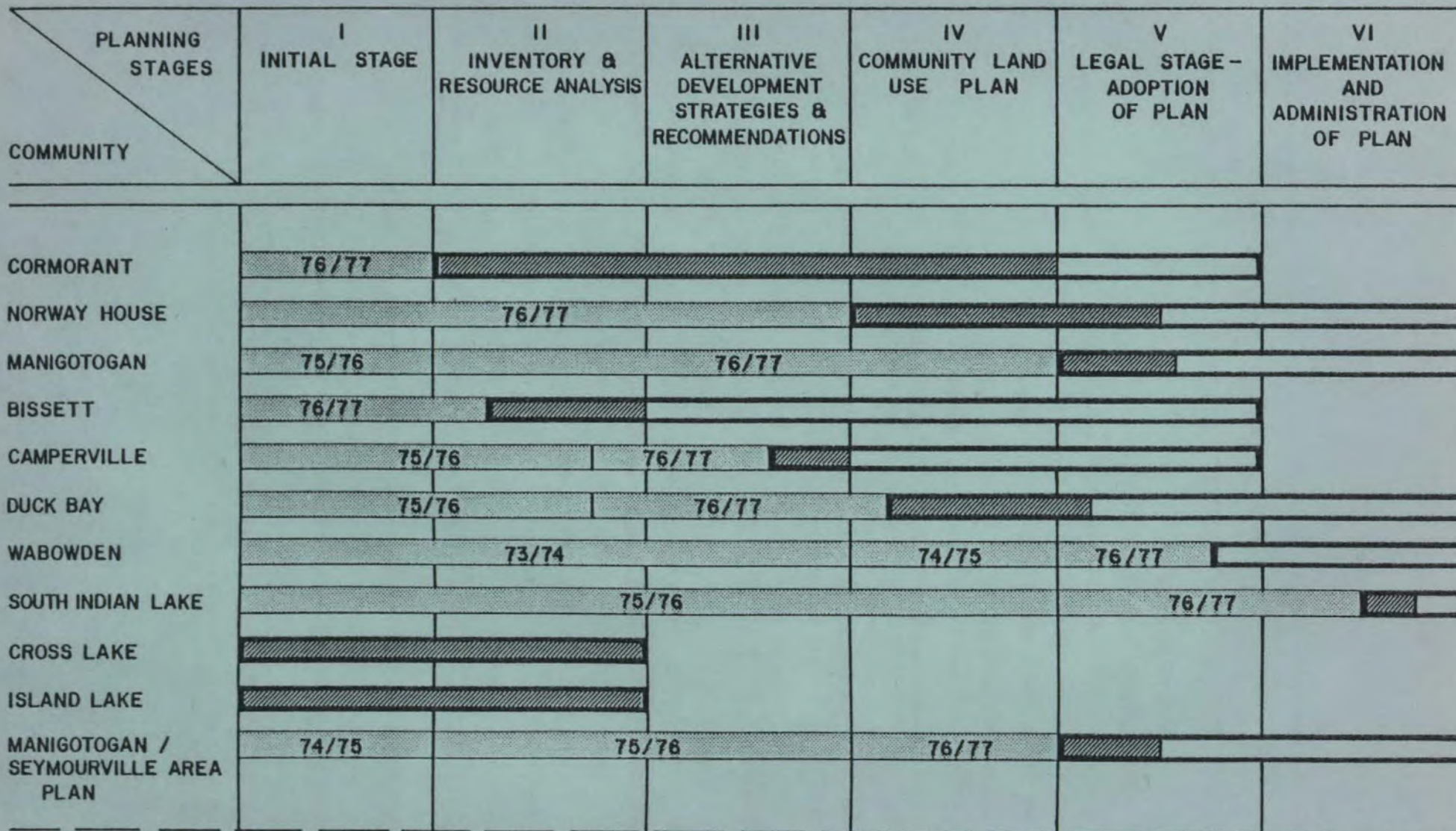
The intent of the Community Townsite Planning activity is to assist communities on a continuing basis in formulating development objectives and plans, to develop comprehensive community plans to guide the community's growth and meet its land needs over the next decade, and to develop legal planning schemes to allow community councils to administer and control land use and development. Further assistance is given to communities by examining the resource base in their immediate hinterland and developing proposals for their utilization and protection to ensure the future benefit and economic development of the community.

Output under this activity is described in six stages. Figure B.1 illustrates the status of work proposed or undertaken since the inception of the activity. A brief summary of output in 1977/78 is provided in Table B.35.

Activity 2 Community Base Mapping

This activity was implemented by the Department of Northern Affairs (now referred to as the Northern Planning Branch of the Department of Municipal Affairs) and the Department of Renewable Resources and Transportation Services. During 1977/78, expenditures of \$162,417 were shared 60/40 between DREE and Manitoba.

COMPREHENSIVE COMMUNITY PLANNING PROGRAM
 PROGRESS STATUS CHART-1977/78



KEY 75/76 Work Completed Prior To 1977/78
 Work Completed - 1977/78 Fiscal Year
 Work Proposed - 1977/78

FIGURE B-1

COMMUNITY TOWNSITE PLANNING

1977/78

| COMMUNITY | PLANNING ACTIVITY | | |
|--------------------------------------|--|--|--|
| | COMPREHENSIVE COMMUNITY PLANNING | ADVISORY PLANNING | SUBDIVISION DEVELOPMENT |
| BISSETT | <ul style="list-style-type: none"> . CONTINUATION OF PLANNING PROGRAM | <ul style="list-style-type: none"> . COMMUNITY BOUNDARY | |
| CORMORANT | <ul style="list-style-type: none"> . INVENTORY AND RESOURCE ANALYSIS . PREPARATION OF BASE MAP . CONCEPTUAL LAND USE PLAN | <ul style="list-style-type: none"> . COMMUNITY BOUNDARY . COTTAGE SUBDIVISION-PRELIMINARY PLANNING | <ul style="list-style-type: none"> . 25 LOT RESIDENTIAL SUBDIVISION |
| CROSS LAKE | <ul style="list-style-type: none"> . SAND BAY/CROSS LAKE TERRAIN ANALYSIS BY DEPT. OF RENEWABLE RESOURCES AND TRANSPORTATION SERVICES (RRTS) . GEOTECHNICAL INVENTORY - SAND BAY, WATER RESOURCES DIVISION, MREM . SAND BAY/CROSS LAKE TRAVERSE - TERRAIN ANALYSIS AND LAND SUITABILITY BY RRTS . LAND USE CAPABILITY MAPS BY NORTHERN AFFAIRS AND RRTS ASSISTANCE | <ul style="list-style-type: none"> . COMMUNITY BOUNDARY . WASTE DISPOSAL SITE LOCATION | <ul style="list-style-type: none"> . 6 LOT RESIDENTIAL SUBDIVISION |
| CAMPERVILLE | <ul style="list-style-type: none"> . PLANNING PROGRAM TEMPORARILY DISCONTINUED - RESIGNATION OF MAYOR | <ul style="list-style-type: none"> . COMMUNITY BOUNDARY . SITE PLANNING FOR SENIOR CITIZENS HOUSING, WOOD WORKING INDUSTRY, COMMUNITY CENTRE, COMMUNITY PASTURE, FOOTBRIDGE EASEMENT AND WASTE DISPOSAL GROUND | <ul style="list-style-type: none"> . 32 LOT RESIDENTIAL SUBDIVISION |
| DUCK BAY | <ul style="list-style-type: none"> . PREPARATION OF COMMUNITY LAND USE PLAN . PREPARATION OF DRAFT BASIC PLANNING STATEMENT | <ul style="list-style-type: none"> . COMMUNITY DYKING, GEOTECHNICAL FEASIBILITY STUDY BY WATER RESOURCES DIVISION, MREM . WATER AND SEWER SERVICES . SITE PLANNING - SCHOOL AND COMMUNITY PASTURE | <ul style="list-style-type: none"> . 32 LOT RESIDENTIAL SUBDIVISION |
| GARDEN HILL | <ul style="list-style-type: none"> . TERRAIN ANALYSIS | <ul style="list-style-type: none"> . SITE PLANNING - ISLAND LAKE MOTEL COMPLEX . HOUSING NEEDS | |
| MANIGOTOGAN | <ul style="list-style-type: none"> . REVIEW AND REVISIONS TO BASIC PLANNING STATEMENT . ADOPTION OF INTERIM DEVELOPMENT CONTROL ORDER | <ul style="list-style-type: none"> . ROAD LOCATION . WASTE DISPOSAL SITE SELECTIONS . SITE PLAN FOR COMMUNITY SERVICES AREA | <ul style="list-style-type: none"> . 9 LOT RESIDENTIAL SUBDIVISION |
| MANIGOTOGAN - SEYMOURVILLE AREA PLAN | <ul style="list-style-type: none"> . REVIEW OF BASIC PLANNING STATEMENT PENDING ADOPTION | <ul style="list-style-type: none"> . PRIVATE RECREATIONAL COTTAGE SUBDIVISION REVIEW RE: APPROVAL | |
| NORWAY HOUSE | <ul style="list-style-type: none"> . BASIC PLANNING STATEMENT (1ST DRAFT) PREPARED BY CONSULTANT: ADOPTION PENDING | <ul style="list-style-type: none"> . LIAISON RE: CANADA WORKS PROJECTS . COMMUNITY BOUNDARY | |
| SOUTH INDIAN LAKE | <ul style="list-style-type: none"> . REVISION TO ORIGINAL TOWNSITE SUBDIVISION PLANS . TOWN CENTRE LOTS TO BE SURVEYED IN 1978/79 | <ul style="list-style-type: none"> . LIAISON RE: LAND TENURE AND SURVEY PROBLEMS, HOUSING NEEDS | <ul style="list-style-type: none"> . REVISION TO SOUTH RESIDENTIAL SUBDIVISION AND LEGAL SURVEY |
| WABOWDEN | <ul style="list-style-type: none"> . REVISION TO COMMUNITIES LAND USE PLAN . BASIC PLANNING STATEMENT AND ZONING BY-LAW REQUIRED IN 1978/79 | <ul style="list-style-type: none"> . AGRICULTURAL AREA AND LEASES . LOCAL ROADS | <ul style="list-style-type: none"> . PRELIMINARY PLANS COMPLETED FOR INDUSTRIAL SUBDIVISION |

The objectives of the Community Base Mapping activity are:

- 1) to provide aerial photographs and comprehensive mapping at a scale of 1:2000 of a cultural, physical and cadastral nature for northern communities. This portion of the activity is produced by the Surveys and Mapping Branch of the Department of Renewable Resources and Transportation Services.

- 2) To provide a Property Ownership, Land Use and Residents Map, and in addition a photo binder and location plan for northern communities. This portion of the activity is produced by the Community Subdivision and Planning Branch of the Northern Planning Branch of the Department of Municipal Affairs.

The output as scheduled for Surveys and Mapping Branch consists of aerial photography and three map series; Series 1 - Cadastral Map, Series 2 - Planimetric Map, Series 3 - Photobase Map. The achievements to year end have been the completion of aerial photography for all communities as scheduled; also the completion of three map series for Gods Lake Narrows and the Bluff (on Dawson Bay, Lake Winnipegosis). These achievements are identified on Figure B.2. The balance of communities scheduled for mapping are at various stages of completion as indicated on Figure B.3. It is expected that the remaining stages will be completed by August 31, 1978.

The output as scheduled for the Community Subdivision and Planning Branch consists of the production of Land Use, Property Ownership and Residents Maps, and a photo binder and location plan. This output has been achieved for all the communities as scheduled with the exception of the photo binder for Loon Straits and the Residents Map for the Bluff as indicated on Figure B.2. The Loon Straits film was destroyed in the processing and residents mapping for the Bluff was not applicable in the area mapped.

MANITOBA NORTHLANDS
COMMUNITY BASE MAPPING
PROGRESS STATUS CHART

MAR. 31, 1978

(YEAR IV 1977-78)

LEGEND

IV ACTIVITIES SCHEDULED FOR COMPLETION IN YEAR IV (1977-78)
● ACTIVITIES COMPLETED

| COMMUNITIES | ACTIVITIES | | | | | | | |
|--------------------|----------------|-----------------------|-------------------------------|---|------------------|--------------------|---------------|---------------------------|
| | SURVEYS BRANCH | | | | NORTHERN AFFAIRS | | | |
| | AERIAL PHOTO | CADASTRAL & SHORELINE | CADASTRAL CONTOUR & PHOTOBASE | PLANIMETRIC CONTOUR SHORELINE CADASTRAL | LAND USE | PROPERTY OWNERSHIP | RESIDENTS MAP | PHOTO BINDER LOCATION MAP |
| PRINCESS HARBOUR | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| DAWSON BAY | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| OVERFLOWING RIVER | ● | | | | | | | |
| EASTERVILLE | ● | ● | ● | | | ● IV | | |
| NORWAY HOUSE | ● | ● | ● | | | ● IV | | |
| SHERRIDON | ● | ● | ● | | | ● IV | | |
| PUKATAWAGAN | ● | ● | ● | ● | | | | |
| LOON STRAITS | ● | ● | ● | ● | ● IV | ● IV | ● IV | IV |
| HERB LAKE | ● | | | | | | | |
| CAMPERVILLE | ● | ● | ● | | | ● IV | | |
| DUCK BAY | ● | ● | ● | | | ● IV | | |
| THE BLUFF | ● | ● | ● | ● | ● IV | ● IV | IV | ● IV |
| JENPEG | ● | | | | | | | |
| CROSS LAKE | ● | ● | ● | | | ● IV | | |
| RED SUCKER LAKE | ● | ● | ● | ● | | ● IV | | |
| PELICAN RAPIDS | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| MEADOW PORTAGE | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| ATIK | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| ROOT LAKE | ● | ● | ● | ● | ● IV | ● IV | ● IV | ● IV |
| NOTIGI | ● | | | | | | | |
| RED DEER RIVER | ● | | | | | | | |
| NELSON HOUSE | ● | ● | ● | ● | | | | |
| LAC BROCHET | ● IV | | | | | | | |
| TADOLE LAKE | ● IV | | | | | | | |
| PINE DOCK | ● IV | IV | IV | IV | | | | |
| FISHER BAY | ● IV | IV | IV | IV | | | | |
| GOD'S LAKE | ● IV | | | | | | | |
| GOD'S RIVER | ● IV | | | | | | | |
| HOMEBROOK | ● IV | | | | | | | |
| HARWELL | ● IV | | | | | | | |
| YORK FACTORY | ● IV | | | | | | | |
| OVERFLOWING RIVER | ● | IV | IV | IV | | | | |
| BROCHET | ● IV | | | | | | | |
| CAMPERVILLE | ● IV | IV | IV | IV | | | | |
| CORMORANT | ● IV | IV | IV | IV | | | | |
| CRANE RIVER | ● IV | IV | IV | IV | | | | |
| DUCK BAY | ● IV | IV | IV | IV | | | | |
| GOD'S LAKE NARROWS | ● IV | ● IV | ● IV | ● IV | | | | |
| ILFORD | ● IV | | | | | | | |
| MOOSE LAKE | ● IV | IV | IV | IV | | | | |
| SHERRIDON | ● IV | IV | IV | IV | | | | |
| WABOWDEN | ● IV | | | | | | | |
| THE BLUFF | ● | ● IV | ● IV | ● IV | | | | |
| GARDEN HILL | ● IV | | | | | | | |
| SEYMOURVILLE | ● IV | IV | IV | IV | | | | |
| SOUTH INDIAN LAKE | ● IV | IV | IV | IV | | | | |
| NELSON HOUSE | ● IV | | | | | | | |
| CROSS LAKE | ● IV | | | | | | | |
| CHURCHILL | ● IV | | | | | | | |

Activity 3 Geotechnical Land Use Studies

This activity was implemented by the Manitoba Department of Mines, Resources and Environmental Management. During 1977/78 a staff of nine was utilized and a total expenditure of \$213,119 was shared 60/40 between DREE and Manitoba.

The Geotechnical Land Use activity aims at assisting in the development of remote northern communities by providing basic geotechnical information, including:

- basic data such as stratigraphy, soil conditions, flood levels and development set-back lines for use in community planning,
- evaluations of potential surface and groundwater supplies,
- sources of construction materials for roads, airstrips, lagoons and building foundations,
- more detailed information for pre-design and feasibility studies to determine the cost of providing community services,
- well designs and installation of pumps where groundwater is feasible as a community water supply,
- preparation of preliminary geotechnical engineering reports evaluating potential sites for waste disposal, sewage lagoons, water reservoirs (dug-outs), airstrips and perimeter diking.

Output for 1977/78, as well as for the two preceding years is shown in Table B.36.

GEOTECHNICAL ENGINEERING SERVICES

| COMMUNITY | INVENTORY | INVENTORY EXTENSION | WATER AND 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-3 |
| Big Black River | 2 | | | | | | | | |
| Bissett | 2 | | | | | | | | |
| Bloodvein | | | | | | | | | Gravel Search-2 |
| Brochet | 2 | | | | 3 | | | | Drainage - 3 |
| Camperville | 1 | 3 | 3 | 3 | 3 | 3 | | | |
| Cormorant | 1 | | | | | | | | |
| 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 | | | |
| Gods Lake Narrows | 2 | 3 | | | | | | | |
| Grand Rapids | 1 | | | | | | | | |
| Granville Lake | 2 | | | | | 3 | | | |
| Ilford | 2 | | | | | | | | |
| Little Grand Rapids | 2 | | | | | | | | |
| Loon Straits | 3 | | | | | | | | |
| Mallard | 2 | | | | | | | | |
| Manigotagan | 1 | 1 | 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 | | | | | | | | |
| Oxford House | 3 | | | | | | | | |
| Paungassi | | | | | | | | | |
| Pelican Rapids | 3 | | | | | | | | |
| Pikwitonei | 2 | | | | 3 | 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 Indian Lake | 2 | | | | | | | | |
| Thicket Portage | 1 | | | | | | | | |
| Warren Landing | 2 | | | | | | | | |
| Wasagamack | | | | | | | 3 | | |
| Waterhen | 3 | | | | | | | 3 | |
| Westgate | 2 | | | | | | | | |
| York Landing | 3 | | | | | | | | |

1. Completed 75/76

2. Completed 76/77

3. Completed 77/78

Activity 4 Design/Engineering for Community Facilities

This activity was implemented by the provincial department of Northern Affairs with a staff of 11. In 1977/78, expenditures of \$135,755 were shared 60/40 between DREE and Manitoba.

This activity is intended to provide designs for the provision of water supply systems and the construction of airstrips in remote northern communities. The work is carried out in five phases:

- 1) Advisory Phase
The community is approached as to the nature of the service which can be provided, and community preferences for location are noted.
- 2) Information Collection Phase
Pre-design work such as soil investigations, field surveys, site measurements and water quality testing is undertaken.
- 3) Design Services Phase
A preliminary design is prepared from the available information, and community meetings are initiated to discuss any differences between the engineering considerations and community aspirations.
- 4) Final Plans/Resolution
Following agreement with the community, the final design specifications are drawn up and approved by the community via a resolution.
- 5) Construction Phase
During this phase, staff lay out the work to be performed and monitor the construction to ensure adherence to design.

In 1977/78, various stages related to water systems were carried out in 21 communities. For a list of communities served and a summary of work performed, see Table B.37, Safe Water Supply, 1977/78.

TABLE B.37
SAFE WATER SUPPLY 1977/78

| LOCATION | STATUS | DESIGN/ ENGINEERING | WORK PERFORMED | CONTRACTORS | TOTAL NO. EMPLOYED | TOTAL NO. NORTHERNERS EMPLOYED | NORTHERNERS | | TOTAL MAN MONTH EMPLOYMENT |
|-------------------------------|--|--|---|-------------|-----------------------|--------------------------------------|-------------|---------------|-------------------------------|
| | | | | | | | NO. SKILLED | NO. UNSKILLED | |
| BARROWS | Majority completed 76/12/31 Finishing - 77/78 | Nil | Repaired standpipe building, monitoring* parts | Department | 10 | 3 | 3 | 0 | 13.5 |
| BERENS RIVER NORTH | Completed 77/06/30 | Nil | New pump, filter, etc. Monitoring | Department | 10 | 6 | 1 | 5 | 22 |
| BERENS RIVER SOUTH | 30% Complete | Surveys, meetings, water samples | Mobilized materials | Department | 7 | 4 | 0 | 4 | 7 |
| BIG BLACK RIVER | Preliminary | Surveys, meetings, water samples | Nil | Department | 3 | 1 | 1 | 0 | .1 |
| BLOODVEIN | 15% Complete | Surveys, meetings, water samples | Mobilized materials, commenced construction | Department | 9 | 3 | 0 | 3 | 8 |
| BROCHET | Preliminary | Surveys, meetings, soil tests | Nil | Department | 6 | 2 | 2 | 0 | 1 |
| CAMPERVILLE | Preliminary | Survey, meetings, water samples | Nil | Department | 3 | 2 | 2 | 0 | .5 |
| CORMORANT, NORTH AND SOUTH | Completed in 1976 | Nil | Remedial work to water line, monitoring | Department | 6 | 3 | 3 | 0 | 14 |
| CRANE RIVER | Preliminary | Survey, meetings, water samples | Nil | Department | 6 | 2 | 2 | 0 | .5 |
| CROSS LAKE | Completed in 1976 | Survey, meetings, water samples related to Phase 2 | Remedial work on standpipe, monitoring | Department | 5 | 2 | 1 | 1 | 14 |
| DUCK BAY | Completed 77/09/30 Additional remedial work to be done in 1978/79 | Survey, meetings, water samples | Installation of pumphouse intake distribution line and standpipe system. Flow valve and pump replaced, monitoring | Department | 14 | 10 | 3 | 7 | 41 |
| EASTERVILLE | Completed 77/08/31 | Surveys, inspections | Completed pumphouse, monitoring | Department | 8 | 3 | 0 | 3 | 15 |

*"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.

Table B.37 cont.

SAFE WATER SUPPLY 1977/78

| LOCATION | STATUS | DESIGN/ ENGINEERING | WORK PERFORMED | CONTRACTORS | TOTAL NO. EMPLOYED | TOTAL NO. NORTHERNERS EMPLOYED | NORTHERNERS | | TOTAL MAN MONTH EMPLOYMENT |
|---------------------|---|---------------------------------|---|--------------------|-----------------------|--------------------------------------|-------------|---------------|-------------------------------|
| | | | | | | | NO. SKILLED | NO. UNSKILLED | |
| GARDEN HILL | Construction not started | Water samples, survey | Mobilized materials | Department | 4 | 2 | 2 | 0 | 1 |
| GODS LAKE | Completed in 1976 | Nil | New pumps, insulating repair work, monitoring | Department | 3 | 1 | 1 | 0 | 13 |
| GRANVILLE LAKE | Preliminary | Survey, meetings, water samples | Nil | Department | 4 | 2 | 2 | 0 | .3 |
| ILFORD | Completed in 1976 | Nil | Remedial work to correct frost damage, monitoring | Department | 3 | 1 | 1 | 0 | 13 |
| LITTLE GRAND RAPIDS | 25% Complete | Survey, meetings, water samples | Constructed pumphouse shell Mobilized materials | Department | 8 | 4 | 0 | 4 | 5 |
| HALLARD | Preliminary | Survey, water samples, meetings | Nil | Department | 3 | 2 | 2 | 0 | .25 |
| MANIGOTOGAN | Preliminary | Survey, water samples, meetings | Nil | Department | 3 | 2 | 2 | 0 | .5 |
| MOOSE LAKE | Completed in 1976 | Nil | Remedial work to correct frost damage, monitoring | Department | 4 | 1 | 1 | 0 | 13 |
| NELSON HOUSE | Complete except for filtering system 77/05/06 | Nil | Installation of submersible pump, monitoring | Department | 10 | 4 | 1 | 3 | 20 |
| NORWAY HOUSE | Completed in 1976. Permanent intake line to be installed in 1978/79 | Nil | Contract for 78/79 addition awarded, remedial work on temporary intake line, monitoring | Department | 4 | 4 | 2 | 2 | 3 |
| OXFORD HOUSE | Preliminary | Water Samples | Nil | Department | 3 | 2 | 2 | 0 | .1 |
| PELICAN RAPIDS | 90% completed. To be completed in 1978/79 | Survey, meetings, water samples | Contract awarded for intake line, pumphouse distribution line and standpipe. | Bison Construction | 10 | 7 | 0 | 7 | 17 |
| PIKWITONEI | Completed in 1976 | Nil | Repair to standpipe building, monitoring | Department | 5 | 1 | 1 | 0 | 13 |

Table B.37 cont.

SAFE WATER SUPPLY 1977/78

| LOCATION | STATUS | DESIGN/ ENGINEERING | WORK PERFORMED | CONTRACTORS | TOTAL NO. EMPLOYED | TOTAL NO. NORTHERNERS EMPLOYED | NORTHERNERS | | TOTAL MAN MONTH EMPLOYMENT |
|------------------------|--|---|---|-------------|-----------------------|--------------------------------------|-------------|---------------|-------------------------------|
| | | | | | | | NO. SKILLED | NO. UNSKILLED | |
| RED DEER LAKE | Preliminary | Survey, meetings, water samples | Nil | Department | 5 | 2 | 2 | 0 | .25 |
| SHERRIDON-COLD LAKE | Both systems almost completed | Nil | Remedial work, monitoring | Department | 6 | 1 | 1 | 0 | 14 |
| SOUTH INDIAN LAKE | Repair of existing system in new complex | Surveys, meetings | Modifications to water distribution system | Department | 20 | 10 | 0 | 10 | 20 |
| TRICKET PORTAGE | Completed in 1976. Problem maintaining 8,000' of heat traced line to pumphouse. | Nil | Additional standpipe, monitoring | Department | 5 | 1 | 1 | 0 | 14 |
| WABOWDEN | Preliminary | Soil tests, survey, meetings | Nil | Department | 4 | 2 | 2 | 0 | .5 |
| MANIPIGOW | Preliminary | Survey, water samples, meetings | Nil | Department | 3 | 2 | 2 | 0 | .25 |
| WARREN'S LANDING | 50% complete | Survey, meetings, water samples, inspections | Pumphouse intake and standpipe | Department | 6 | 3 | 0 | 3 | 3 |
| WATERHEN | Preliminary | Survey, meetings, water samples | Nil | Department | 3 | 2 | 2 | 0 | .5 |
| UMPERVILLE | Preliminary | Survey, meetings, water samples | Nil | Department | 3 | 2 | 2 | 0 | .1 |
| BIG EDDY | Preliminary | Survey, meetings, water samples | Nil | Department | 3 | 2 | 2 | 0 | .1 |
| GRAND RAPIDS | Preliminary | Survey, meetings, water samples | Nil | Department | 3 | 2 | 2 | 0 | .1 |
| SHANATTAWA | Preliminary | Water samples | Nil | | No Employment | | | | |
| POKATANAGAN | Preliminary | Water samples | Nil | | No Employment | | | | |

*"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.

The only site at which airstrip design/engineering was carried out in 1977/78 was Wasagamack. This involved meetings, location studies, and collection of field data related to possible relocation of the airstrip.

Project 2 Community Infrastructure Services

This project involves the physical delivery of safe water supply, community roads, and fire protection/prevention information and equipment to northern communities.

Activity 1 Safe Water Supply

This activity was implemented by the provincial Department of Northern Affairs. During 1977/78, expenditures of \$1,221,665 were shared 60/40 between DREE and Manitoba.

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.

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. In Table B.37, which provides a summary of output for 1977/78, this phase is referred to as "monitoring".

Activity 2 Community Roads

This activity was implemented by the provincial Department of Northern Affairs and Renewable Resources and Transportation Services. In 1977/78, expenditures of \$289,118 were cost shared 60/40 between DREE and Manitoba.

The activity is intended to provide basic internal community access systems, such as roads, causeways, bridges, ferries, etc. In 1977/78, work was undertaken in the following areas.

a) Cormorant Bridge and Causeway

This structure links Cormorant North and Cormorant South. Most of the work was completed in 1976/77. In 1977/78, guardrails for the bridge were installed.

b) Pukatawagan

This consisted of upgrading 3½ miles of road from the Indian Reserve boundary to the Canadian National Railway line.

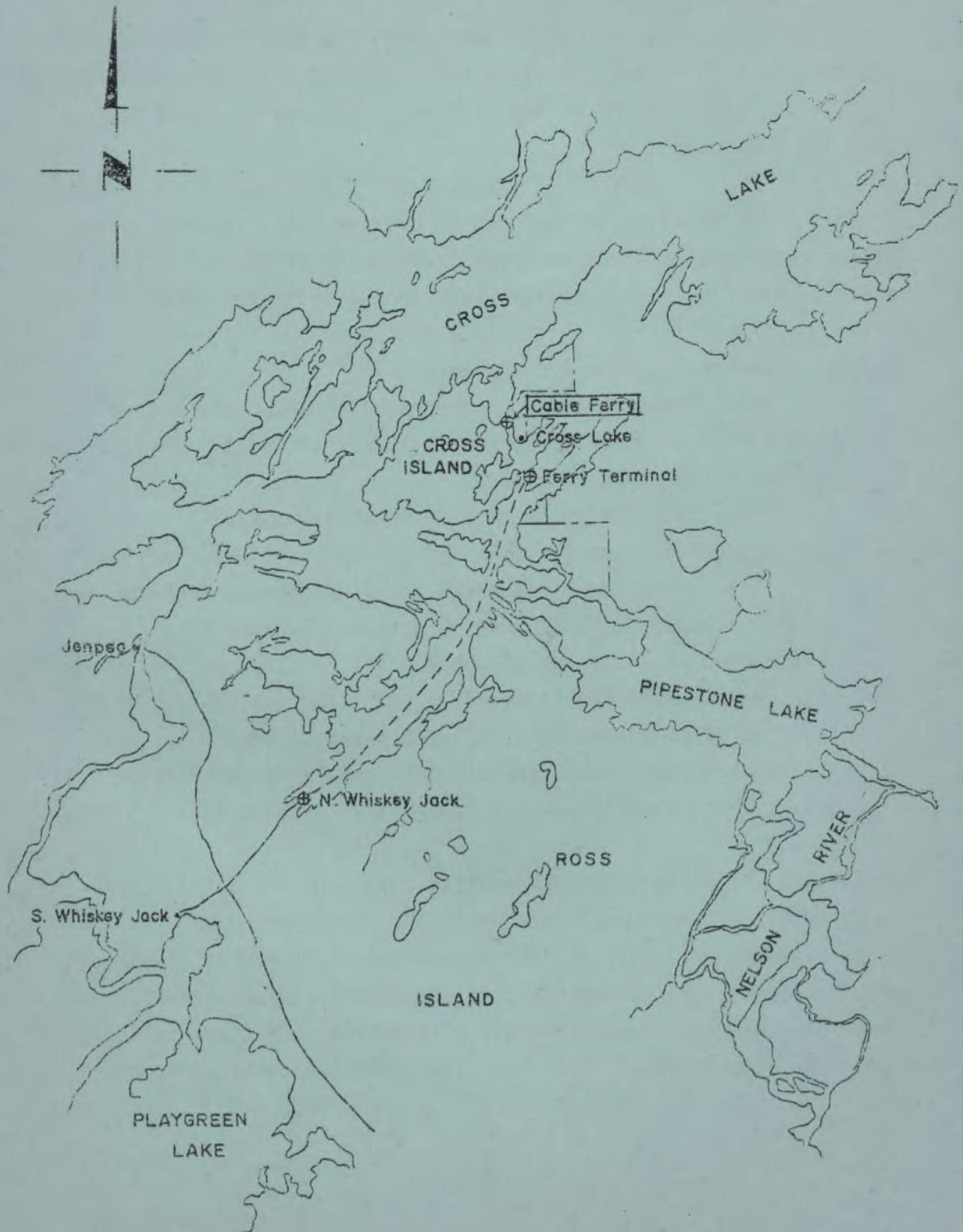
c) Cross Lake Cable Ferry

The "Thomas A McIvor", a cable ferry linking Cross Island to the mainland, became operational in 1977/78 (See Figure B.4).

Activity 3 Fire Protection/Prevention

This activity was implemented by the Manitoba Department of Northern Affairs with a staff of one, and the Provincial Fire Commissioner's Office, Department of Labour, with a staff of three (one each from National Mills, Eddystone and The Pas).

FIGURE B.4
CROSS LAKE CABLE FERRY



During 1977/78 expenditures of \$300,576 were shared 60/40 between DREE and Manitoba.

The activity is intended to provide northern remote communities with basic protective firefighting equipment, training necessary to operate and maintain such equipment, and fire prevention knowledge.

There are six components of the Fire Prevention/Protection activity, as follows:

- a) Regional Workshops; bring together a number of community representatives within a region for the purpose of teaching the use and maintenance of portable fire extinguishers, pumps, etc., so that the information can be taken back to the home community.
- b) Community Workshops; bring together a number of local residents for the purpose of teaching basic fire prevention/protection measures.
- c) Fire Training Workshops; practical work experience utilizing portable pumps, etc. Training is provided in the use of nozzles, hoses, self-contained breathing apparatus, and general methods of fire suppression and first aid.
- d) Surveys; used to determine the fire prevention and firefighting needs of the community. They include the numbers of dwellings and other buildings, population, available water supply, usable roads for the use of fire apparatus and recommendations for the appropriate firefighting equipment.
- e) Inspections; voluntary dwelling inspections and re-inspections to identify potential fire hazards for residents so that the hazards may be removed.

f) Capital Equipment; purchased and provided to the community by the provincial Department of Northern Affairs after the need has been assessed and recommended.

The following output was achieved in 1977/78 for the first five components.

| | NUMBER | ATTENDANCE |
|------------------------------|--------|------------|
| Regional Workshops | 3 | 57 |
| Community Workshops | 33 | 2,344 |
| Fire Training Workshops | 19 | 204 |
| Surveys | 20 | |
| Inspections (Dwellings) | 91 | |
| Re-inspections (Dwellings) | 536 | |
| Refusals or Residents Absent | 153 | |

Table B.38 identifies the distribution of this output by community.

A total of \$229,538, plus freight charges, was expended in 1977/78 on the sixth component, purchase of firefighting equipment. To date all communities under the jurisdiction of the Minister of Northern Affairs have received extinguishers and smoke detectors. The majority have also received portable fire-fighting pumps, complete with accessories. Table B.39 provides a summary of capital equipment supplied to northern communities.

FIRE PROTECTION/PREVENTION PROGRAMMING

| COMMUNITY | REPS. AT REGIONAL WORKSHOPS | COMMUNITY WORKSHOPS NO. | ATT. | FIRE TRAINING WORKSHOPS NO. | ATT. | SURVEYS | INSPECTIONS | RE-INSPECTIONS |
|---------------------|-----------------------------------|-------------------------------|-------|-----------------------------------|------|---------|-------------|----------------|
| Aghaming | 2 | 1 | 12 | - | - | x | - | - |
| Anama Bay | - | 1 | 12 | 1 | 6 | - | - | 9 |
| Baden | - | - | - | - | - | - | - | 7 |
| Barrows | 2 | 1 | 40 | 1 | 12 | - | - | 20 |
| Big Black River | 2 | 1 | 12 | 1 | 8 | - | - | - |
| Berens River | 2 | 1 | 40 | - | - | x | 35 | - |
| Bissett | 2 | 1 | 31 | 1 | 16 | - | - | 4 |
| Bloodvein | - | - | - | - | - | - | 5 | - |
| Brochet | 2 | 2 | 386 | 1 | - | x | 4 | - |
| Camperville | 2 | 2 | 205 | - | - | - | - | 54 |
| Cormorant | 2 | - | - | 1 | 26 | x | - | 30 |
| Crane River | 2 | 1 | 96 | 2 | 32 | x | - | 86 |
| Cross Lake | - | - | - | - | - | - | - | - |
| Dallas/Red Rose | 2 | 1 | 11 | - | - | x | - | 25 |
| Dawson Bay | - | - | - | - | - | - | - | - |
| Duck Bay | 2 | 2 | 326 | 1 | 4 | - | - | 61 |
| Easterville | - | 1 | 132 | 2 | 22 | - | - | 18 |
| Fisher Bay | 2 | - | - | 1 | 8 | - | - | - |
| Gods Lake Narrows | - | - | - | - | - | - | 8 | - |
| Granville Lake | - | - | - | - | - | - | - | - |
| Harwill | 2 | - | - | - | - | - | - | 8 |
| Homebrook | 2 | - | - | - | - | x | - | 9 |
| Ilford | - | - | - | - | - | - | - | - |
| Island Lake | - | - | - | - | - | x | 6 | - |
| Little Grand Rapids | - | - | - | - | - | x | - | - |
| Loon Straits | - | 1 | 10 | - | - | x | - | - |
| Mallard | 2 | 1 | 3 | - | - | x | - | 23 |
| Manigotogan | 2 | 1 | 6 | 1 | 4 | - | - | - |
| Matheson Island | 2 | 2 | 125 | 1 | 22 | - | - | 6 |
| Meadow Portage | 2 | 1 | 37 | 1 | 12 | x | - | 33 |
| Moose Lake | 2 | - | - | - | - | - | - | 33 |
| National Mills | 2 | 1 | 40 | - | - | x | - | 10 |
| Nelson House | 2 | - | - | - | - | - | - | - |
| Norway House | - | - | - | - | - | - | - | - |
| Oxford House | - | - | - | - | - | - | - | - |
| Pelican Rapids | - | 2 | 271 | 1 | 8 | - | - | 22 |
| Pikwitonei | - | - | - | - | - | x | - | - |
| Pine Dock | - | 1 | 36 | 1 | 16 | x | 24 | - |
| Powell | - | - | - | - | - | x | 9 | 6 |
| Princess Harbour | 2 | - | - | - | - | x | - | - |
| Red Deer Lake | 2 | 1 | 35 | - | - | x | - | 12 |
| St. Theresa Point | - | - | - | - | - | - | - | - |
| Salt Point | - | 1 | 12 | - | - | - | - | 18 |
| Seymourville | 2 | 1 | 304 | 2 | 8 | - | - | - |
| Sherridon | - | 2 | 150 | - | - | - | - | - |
| South Indian L. | - | - | - | - | - | - | - | - |
| Thicket Portage | 2 | - | - | - | - | - | - | - |
| Wabowden | 5 | 1 | 12 | - | - | - | - | - |
| Warrens Landing | - | - | - | - | - | - | - | - |
| Waterhen | 2 | 2 | - | - | - | x | - | 34 |
| Westgate | - | - | - | - | - | x | - | 8 |
| TOTAL | 57 | 33 | 2,344 | 19 | 204 | 20 | 91 | 536 |

TABLE B.39
FIRE PROTECTION/PREVENTION EQUIPMENT, 1977/78

| COMMUNITY | MARK III PUMPS | PORTABLE PUMP WITH ACCESSORIES | 20 LB. EXTINGUISHERS | 10 LB. EXTINGUISHERS | 50 LB. PAILS POWDER | 20 LB. CARTRIDGES | 10 LB. CARTRIDGES | FIRE FIGHTING TRAILER UNIT | 5 TON HYDRAULIC JACK | MISCELLANEOUS |
|-------------------|----------------|--------------------------------|----------------------|----------------------|---------------------|-------------------|-------------------|----------------------------|----------------------|---------------|
| Aghaming | 1 | | | | | | | | | X |
| Anama Bay | 1 | 1 | 2 | 2 | | | | | | X |
| Barrows | | | | | | | | | 1 | X |
| Berens River | | | | 6 | | | | | | X |
| Big Black River | | | | | | | | | | X |
| Bissett | | | | 4 | | | | | 1 | X |
| Brochet | | | | 18 | 2 | | 6 | 1 | 1 | X |
| Camperville | | | | | | | | | 1 | X |
| Cormorant | | | | 5 | | | | | | X |
| Dallas-Red Rose | | | 9 | 5 | | | | 1 | 1 | X |
| Duck Bay | | | | | | | | | 1 | X |
| Easterville | | | | | 3 | | | 1 | 1 | X |
| Fisher Bay | | | | | | | | | | X |
| Gods Lake Narrows | 1 | 1 | | 16 | | | | | | X |
| Grand Rapids | | 1 | | | | | | | | X |
| Harwill | | | 8 | | 5 | 8 | | | | X |
| Herb Lake Landing | | | | 5 | 1 | | 2 | | | X |
| Homebrook | | 4 | 1 | 9 | 2 | 1 | 3 | | | X |
| Ilford | | | | | | | | | 1 | X |
| Island Lake | | | 4 | 18 | 3 | 1 | 6 | | | X |
| Loon Straits | | | | | | | | | | X |
| Mallard | | | | | | | | | 1 | X |
| Matheson Island | | | | 2 | | | | | | X |
| Meadow Portage | | | 2 | | | | | | 1 | X |
| Moose Lake | | | | | | | | | 1 | X |
| National Mills | | | | | | | | | | X |
| Norway House | | | | | | | | | 1 | X |
| Pelican Rapids | | | | | | | | | 1 | X |
| Pikwitonai | | | | 8 | 3 | 2 | | | | X |
| Pine Dock | | | | | | | | | | X |
| Princess Harbour | | | | | | | | | | X |
| Red Deer Lake | | | | | | | | | | X |
| Salt Point | 2 | | | | | | | | | X |
| Seymourville | | | | | | | | 1 | 1 | X |
| South Indian Lake | 1 | | 6 | 76 | 3 | 3 | 10 | | | X |
| Thicket Portage | | | | | 3 | | | | 1 | X |
| Wabowden* | | | | | | | | | | X |
| Warren's Landing | 1 | | | 7 | | | | | | X |
| Waterhen | | | 3 | 4 | 1 | | | | | X |

* An emergency telephone system consisting of 6 answering phones and 15 conference phones was installed in Wabowden.

X Miscellaneous items include smoke detectors, protective clothing, fire fighting manuals, small items such as hose lengths, nozzles, etc.

PROGRAM 5 INDIAN RESERVE COMMUNITY SERVICES

During 1977/78, the Department of Indian Affairs and Northern Development (DIAND), assuming the need for improving 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 for prioritizing the communities. The basis of this prioritization was "worst first", confirmed by joint research undertaken between DIAND and the Manitoba Regional Office of Medical Services. Once guidelines were established for the provision of water supplies and the communities prioritized, studies were undertaken to estimate costs of providing the systems. The costs were substantial and as a result, funds have been transferred from the Waste Disposal Program to the Water Supply Program so that the minimum level of service established in the guidelines can be met in all northern communities by 1981. Delivery of other services will be based on data from the joint research, and on community originated requests supported by Band Council Resolutions or developed as part of a community comprehensive planning process.

Project 1 Community Infrastructure Support Services

The objective of this project is to provide northern Indian communities with the technical advice, maps and funds to undertake their own comprehensive community planning.

During 1977/78 total expenditures were \$277,703 with DREE contributing 60 percent of the costs and DIAND 40 percent.

There were three activities in this project - Community Planning, Community Base Mapping, and Geotechnical Land Use Studies.

Activity 1 Community Planning

The Community Planning activity is designed to provide technical advice and funds to communities so they can plan their growth and development. The intent is to provide these resources upon request to all interested Indian communities traditionally served by DIAND which are located within the area served by the Manitoba Department of Northern Affairs.

Community Planning is a continuous process. At specific points in time the process is documented in a community planning study. The purpose of the Community Planning study is to provide a framework for long range comprehensive policies and programs. The scope of the study depends on the nature of a community and its specific needs. The components of the comprehensive community plan such as land use and capability, housing needs, economic base and job opportunity, etc. are negotiated between the Chief and Council and the Regional Planning Section of DIAND.

During 1977/78, expenditures for this activity were \$208,069 cost shared 60/40 between DREE and DIAND. The communities which undertook comprehensive Community Planning in 1977/78 are listed in Tables B.40 (a) & (b).

Activity 2 Community Base Mapping

Community Base Mapping involves the production of topographic mapping and air photo mosaics. (On the topographic maps, there appears graphic representations of the buildings, houses, roads,

TABLE B.40 (a)

| INDIAN RESERVE COMMUNITY SERVICES/ COMMUNITY PLANNING ACTIVITY COMMUNITIES WHICH BEGAN PLANNING PROGRAMS IN 1976/77 AND WHICH CONTINUED IN 1977/78 | | | |
|---|---|---------------------|--|
| COMMUNITY | CONTRACTOR | EXPEND- ITURE \$ | OUTPUT |
| Cross Lake | Agassiz Planning & Design (Jim Wilson) | 10,862 | Preliminary land use plan completed to identify potential sites for consolidating town centre and community facilities |
| Gods Lake | Number 10 Architectural Group (M. Robert Kirby) | 17,561 | Conceptual plan distributed to community. Series of meetings resulted in designs and cost estimates for village centre, warehouses, garage, youth camp, water & sewer program. |
| Grand Rapids | Damas & Smith Ltd. (Bill Kennedy) | 5,000 | Conceptual plan completed and documented concerning land use. |
| Red Sucker Lake | Rieber, Kremers and Associates (Onno Kremers) | 16,492 | Conceptual plan completed and documented. |
| The Pas | Number 10 Architectural Group (M. Robert Kirby) | 11,000 | Conceptual plan completed, documented and distributed to community. |

TABLE B.40 (b)

| INDIAN RESERVE COMMUNITY SERVICES/ COMMUNITY PLANNING ACTIVITY COMMUNITIES WHICH BEGAN PLANNING PROGRAMS IN 1977/78 | | | |
|--|--|---------------------|---|
| COMMUNITY | CONTRACTOR | EXPEND- ITURE \$ | OUTPUT |
| Fox Lake | Hilderman, Feir, Witty and Associates (Doug Clark) | 15,000 | Conceptual plan re relocation to Bird to be completed soon. |
| Gods River | Fred Gudmundsen | 25,000 | Conceptual plan re designs for fish packing shed, out-camps & garage. Meetings held to discuss economic development and resource utilization. |
| Norway House | Hilderman, Feir, Witty and Associates (Dave Witty) | 33,000 | Conceptual plan completed and distributed to community. |
| St. Theresa Point | Architect Studio (Bill Reid) | 24,664 | Report on assessment of Community Services and facilities completed. |
| Split Lake | Hilderman, Feir, Witty and Associates (Dave Witty) | 24,500 | Conceptual plan in progress following community consultation |
| York Landing | Damas & Smith Ltd. (Bill Kennedy) | 25,000 | Conceptual plan and selection of reserve land completed. |

vegetation, rivers, lakes or streams at a scale of 1:2000. Photo mosaics are pieces of air photos joined together to produce a picture of the Reserve at a scale of 1:2000 or 1:10,000.)

The maps are used extensively by the Chief and Council, their planners and engineers for Community Planning studies; for locating Reserve boundaries; for examining existing and planning for future land use; and as records of ownership.

During 1977/78, expenditures for this activity were \$39,985 cost-shared 60/40 between DREE and DIAND. Work undertaken in 1977/78 is listed in Table B.41.

| TABLE B.41 INDIAN RESERVE COMMUNITY SERVICES/ COMMUNITY BASE MAPPING, 1977/78 | | | | |
|---|--------|--|-----------------|---------------------|
| TOPO- GRAPHIC | MOSAIC | COMMUNITY | CONTRACTOR | EXPEND- ITURE \$ |
| 3 | 1 | Pukatawagan* | Cartographics | 900 |
| 10 | - | Norway House | Cartographics | 8,500 |
| 10 | 8 | The Pas | Northway Survey | 10,610 |
| 20 | 6 | Gods Lake Nar- rows/ Garden Hill/ St. Theresa Pt./ Wasagamack | Northway Survey | 12,825 |
| 8 | 3 | Cross Lake | Cartographics | 7,150 |

* started in 1976/77

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, through the evaluation of physical characteristics of the area and identification of areas of economic development potential.

Communities that were included in the studies in the 1977/78 fiscal year are listed in Table B.42. During 1977/78, Phase 1 of this activity which includes the use of airphoto interpretation techniques to evaluate the terrain characteristics was undertaken. Phase 2, which encompasses field investigation to verify the terrain analysis and land use capability, and consultation with the respective Band Councils, is scheduled for the summer of 1978.

During 1977/78, expenditures for this activity were \$29,648 cost-shared 60/40 between DREE and DIAND. Work undertaken in 1977/78 is listed in Table B.42.

Project 2 Community Infrastructure Support Services

The objective of this project is to provide the support services necessary to assist northern Indian communities to plan 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.

TABLE B.42
INDIAN RESERVE COMMUNITY SERVICES
GEOTECHNICAL LAND USE STUDIES 1977/78

| COMMUNITY | COST OF PHASE 1 AIR PHOTO INTERPRETATION STUDY | CONSULTANT |
|-----------------|--|----------------------------|
| Berens River | 1,935 | Bird & Hale Ltd. |
| Bloodvein | 1,810 | Bird & Hale Ltd. |
| Brochet | 2,525 | W.L. Wardrop & Assoc. Ltd. |
| Easterville | 1,300 | W.L. Wardrop & Assoc. Ltd. |
| Fairford | 2,595 | Bird & Hale Ltd. |
| Fisher River | 2,595 | Bird & Hale Ltd. |
| Fox Lake (Bird) | 1,300 | W.L. Wardrop & Assoc. Ltd. |
| Wasagamack | 2,595 | Bird & Hale Ltd. |
| Jackhead | 1,573 | Bird & Hale Ltd. |
| Lac Brochet | 1,350 | W.L. Wardrop & Assoc. Ltd. |
| Lake St. Martin | 1,810 | Bird & Hale Ltd. |
| Pine Creek | 3,525 | W.L. Wardrop & Assoc. Ltd. |
| Shoal River | 1,650 | W.L. Wardrop & Assoc. Ltd. |
| Tadoule Lake | 1,275 | W.L. Wardrop & Assoc. Ltd. |
| Waterhen | <u>1,810</u> | Bird & Hale Ltd. |
| | \$29,648 | |

During 1977/78 total expenditures were \$22,500 cost-shared 60/40 between DREE and DIAND.

Activity was limited to the preliminary design of a community centre for Gods Lake Band, which was identified as a need through the community planning process. Number Ten Architectural Group has been selected to design, in close consultation with the community, a unique centre to serve their needs.

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 1977/78 total expenditures were \$1,564,933 cost-shared 60/40 between DREE and DIAND.

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, pump-houses and treatment systems; distribution systems (standpipes or truck delivery); garages for water delivery trucks; and other features related to the supply of safe water. The results of these activities are listed in Table B.43.

Project 4 Community Infrastructure Services/
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 1977/78, total expenditures were \$6,218 cost-shared 60/40 between DREE and DIAND.

Activity during 1977/78 was limited to the design for upgrading the sewage lagoon and plant on the Fort Alexander Reserve. Construction is to take place in 1978/79. The contractor for the design was M.M. Dillon.

TABLE B. 43

| INDIAN RESERVE COMMUNITY SERVICES/SAFE WATER SUPPLIES | | | 1977/78 |
|---|---|----------------------------|------------------------|
| COMMUNITY | DESCRIPTION | CONTRACTOR | EXPENDITURE 1977/78 |
| Cross Lake | Water study to provide data on potable sources of water to meet present and future needs, and methods of distribution, with a cost estimate. | M. M. Dillon Ltd. | 5,744 |
| | Completion of project started in 1976/77 (water pumphouses) and purchase of additional delivery truck. | DIAND | 19,089 |
| Easterville (Chemahawin) | Twelve wells which supply the community water were winterized to prevent freezing and provide uninterrupted water supply. | DIAND | 12,398 |
| Fort Alexander | Study and design re improvement and increase of existing town water system on south shore. Construction to begin in 78/79. | M. M. Dillon Ltd. | 6,356 |
| | 5,000 foot waterline with standpipes constructed to supply residents on north shore, connected to new water system at the school. | BAND | 40,000 |
| Gods Lake | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Underwood McLellan | 10,000 |
| | The design and 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, watermains, bleeder lines, and standpipes. Material and equipment in place in 77/78, construction to begin in 78/79. Total project cost over four years - \$1,620,216 | Department of Public Works | 171,089 |
| Gods River | Water study to provide data on notable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Templeton Engineering | 11,965 |
| | The design and construction (over a two-year period) of a water system with intake, pump-house, treatment plant and distribution line with recirculation, and standpipes. Material and equipment in place in 77/78, construction begun and to be completed in 78/79. Total project cost - \$375,336 | Department of Public Works | 114,053 |
| Grand Rapids | Ten wells which supply the community were winterized to prevent freezing and provide uninterrupted service. | BAND | 19,554 |
| Little Grand Rapids | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | James F. MacLaren Ltd. | 7,159 |
| | The design and construction (over a two-year period) of a water supply system with intake, pumphouse, treatment and filling point, garage for water delivery truck. Material and equipment in place in 77/78. Construction to be completed in 78/79. Total project cost - \$343,000 | Department of Public Works | 193,381 |
| Moose Lake | A water delivery truck was purchased to deliver potable water to households. | | 14,000 |
| | A water supply was developed by drilling a well and enclosing it in a heated structure, with filling and storage capacity for the truck. Each home was provided with a storage container with tap and stand. | DIAND | 39,697 |

| INDIAN RESERVE COMMUNITY SERVICES/SAFE WATER SUPPLIES | | | 1977/78 |
|---|--|----------------------------|------------------------|
| COMMUNITY | DESCRIPTION | CONTRACTOR | EXPENDITURE 1977/78 |
| Norway House | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Templeton Engineering | 9,198 |
| Paungassi | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Deleuw Cather | 10,000 |
| Poplar River | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Norenco Associated Ltd. | 7,494 |
| | The design and construction (over a two-year period) of a water supply system with intake, pumphouse, treatment plant, watermains, recirculating line, and standpipes. Material and equipment in place in 77/78. Construction to be completed in 78/79. Total project cost - \$807,040 | Department of Public Works | 37,844 |
| Pukatawagan (Mathias Colomb) | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Reid, Crowther & Partners | 5,000 |
| | The design and construction (over a two-year period) of a water supply system with intake, pumphouse, storage reservoir, a distribution pumphouse/treatment plant, line with distribution points. Design completed in 77/78. Material purchase and construction to take place in 78/79. Total project cost - \$546,000 | Department of Public Works | 37,844 |
| Red Sucker Lake | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Reid, Crowther & Partners | 7,500 |
| | The design and construction (over a two-year period) of a water supply system with intake, pumphouse, treatment plant, distribution line and standpipes. Material and equipment in place in 77/78. Construction to be completed in 78/79. Total project cost - \$478,400. | Department of Public Works | 176,675 |
| Shoal River | Six wells were constructed to provide residents with water. They were hand-dug with metal cribbing, concrete caps and handpumps installed. | BAND | 5,000 |
| Split Lake | Completion of replacement of water system begun in 76/77. | Underwood McLellan | 5,571 |
| | A waterline extension of 4,000 feet with standpipes to existing system was constructed to serve new housing development area. | Underwood McLellan | 199,356 |
| The Pas | Water study to provide data on potable sources of water to meet present and future needs and methods of distribution, with a cost estimate. | Damas & Smith Ltd. | 11,898 |
| Wasagamack | Material and equipment were in place in 76/77 and construction of a waterline with standpipes utilizing the water supply system at the new school was completed in 77/78. | Underwood McLellan | 152,645 |
| York Landing | Material in place in 76/77. Construction of water system with intake, pumphouse, treatment plant and storage tank completed in 77/78. | DIAND/Panunik Construction | 110,114 |

Project 5 Community Infrastructure Services/
Fire Prevention/Protection

The objective of this project is to reduce the loss of life and property from fire by providing fire protection equipment and fire safety training to northern Indian communities traditionally served by DIAND and within the area of jurisdiction of the Provincial Department of Northern Affairs. The long range goals for the fire safety project are twofold: a) Band level control of all fire safety requirements and b) a minimum 25 per cent reduction in annual fire losses.

The project, in consultation with Band Chiefs and Council is conducted in two phases. Phase I contains the major thrust of the project and has been conducted to date on 15 reserves, with another 20 contemplated for 1978/79. The general format is as follows:

Phase I

1. Fire prevention awareness.
2. Fire extinguisher training/placement (includes Band staff training in recharge/maintenance).

Phase II

3. Provision and placement of smoke detectors.
4. Provision and placement of portable and/or mobile fire fighting equipment i.e. pumps/watertrailers/comboination water delivery - fire trucks, etc.

5. Equipping and training of volunteer fire fighters.
6. Provision and installation of 'alerting' systems.
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.

Inventories of existing fire equipment were conducted on 30 Reserves. The inadequacy and unserviceability of equipment indicated the necessity and requirement for continued fire safety programs and training.

In 1977/78, 1750 fire extinguishers were provided and approximately 800 reserve residents took advantage of the available fire prevention information through films, talks, discussions, and home visits. At Nelson House, two combination water delivery/fire trucks have been placed in service, and 10 personnel have attended a basic 40 hour fire fighting course.

During 1977/78 total expenditures were \$160,272 cost-shared 60/40 between DREE and DIAND. A breakdown of expenditures follows in Table B.44.

TABLE B.44

| <u>INDIAN RESERVE COMMUNITY SERVICES/ FIRE PREVENTION/PROTECTION EXPENDITURES 1977/78</u> | |
|---|------------------|
| DESCRIPTION | EXPENDITURE |
| Materials - fire extinguishers, smoke detectors, fire pumps, auxillary equipment, fire extinguisher cartridge recharge, fire prevention materials and films, projector, screen. | \$107,368 |
| Labour | \$ 23,879 |
| Contracts | \$ 14,977 |
| Freight | \$ 2,737 |
| Travel/Accommodation | <u>\$ 11,311</u> |
| | \$160,272 |

Tables B.45 (a), B.45 (b) and B.45 (c) list activity during 1977/78.

TABLE B.45 (a)

| <u>INDIAN RESERVE COMMUNITY SERVICES/FIRE PREVENTION/PROTECTION - COMMUNITIES INVOLVED IN AWARENESS TRAINING PHASE I 1977/78</u> | | | |
|--|------------|---------|-------------|
| COMMUNITY | ATTENDANCE | SURVEYS | INSPECTIONS |
| Berens River | 35 | X | 7 |
| Cross Lake | 12 | X | - |
| Easterville | -- | X | - |
| Gods Lake Narrows | 60 | X | 100 |
| Gods River | 28 | - | - |
| Grand Rapids | 32 | X | - |
| Hollow Water | 70 | X | 70 |
| Little Grand Rapids | 45 | X | 6 |
| Little Saskatchewan | -- | - | - |
| Moose Lake | 32 | X | 60 |
| Oxford House | 28 | X | - |
| Paungassi | 42 | X | 5 |
| Pukatawagan | 100 | X | - |
| Red Sucker Lake | 56 | X | 4 |
| Shamattawa | 40 | X | 8 |
| Split Lake | 70 | X | - |
| York Landing | 60 | X | - |

TABLE B.45 (b)

| <u>INDIAN RESERVE COMMUNITY SERVICES/FIRE</u> | |
|---|-------------------------------|
| <u>PREVENTION/PROTECTION - AWARENESS/FIRE</u> | |
| <u>EXTINGUISHERS PLACEMENT - COMMUNITIES</u> | |
| <u>RECEIVING PHASE I 1977/78</u> | |
| Pukatawagan | Oxford House (partial) |
| Split Lake | Little Grand Rapids (partial) |
| York Landing | Berens River |
| Shamattawa | Hollow Water |
| Gods River | Grand Rapids |
| Gods Lake Narrows | Moose Lake |
| Red Sucker Lake | Easterville |
| Paungassi | |

TABLE B.45 (c)

| <u>INDIAN RESERVE COMMUNITY SERVICES/FIRE</u> | | | | |
|---|---------------------------------|--------------------------|-------------------------------------|--|
| <u>PREVENTION/PROTECTION PHASE II CAPITAL</u> | | | | |
| <u>PURCHASE 1977/78</u> | | | | |
| COMMUNITY | 10 1b ABC EXTINGUI- SHERS | 10 1b CART- RIDGES | 50 1b PAILS POWDER (RECHARGE) | COMBINATION WATER TRUCK/FIRE FIGHTING CAPABILITY |
| Berens River | 150 | 20 | 10 | - |
| Cross Lake | -- | -- | -- | 1 |
| Easterville | 60 | -- | -- | - |
| Gods Lake Narrows | 125 | 15 | 12 | - |
| Gods River | 26 | -- | -- | - |
| Grand Rapids | 35 | 13 | 3 | - |
| Hollow Water | 70 | 15 | 7 | - |
| Little Grand Rapids | 85 | 10 | 8 | - |
| Little Saskatchewan | -- | -- | -- | 1 |
| Moose Lake | 70 | 10 | 7 | 1 |
| Oxford House | 135 | 15 | 12 | - |
| Paungassi | 40 | 10 | 4 | - |
| Pukatawagan | 125 | 15 | 10 | - |
| Red Sucker Lake | 65 | 15 | 6 | - |
| Shamattawa | 67 | 7 | 7 | - |
| Split Lake | 140 | 14 | 14 | - |
| York Landing | 35 | 10 | 4 | - |
| | 1228 | 169 | 104 | 3 |

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, and an aggregate search to identify sources of gravel primarily for road rebuilding on new road construction. An internal road policy is being developed and will be completed in the 1978/79 fiscal year after which needs will be assessed and priorities set.

During 1977/78, total expenditures were \$818,732 cost-shared 60/40 between DREE and DIAND.

Details of activities in the design and construction component are listed in Table B.46.

The intent of the Aggregate Search component is to identify possible sources of gravel on or near Reserves for use in road rebuilding and new construction. Phase I was completed by conducting an office study using air photo interpretation to identify potential sources of gravel. Phase II will entail a groundsite investigation to determine quality and quantity of potential sources identified in Phase I and will be carried out in 1979/80 or later. Table B.47 lists activity undertaken in 1977/78.

TABLE B. 46

| INDIAN RESERVE COMMUNITY SERVICES/ COMMUNITY INFRASTRUCTURE SERVICES/INTERNAL TRANSPORTATION 1977/78 | | | |
|---|---|--|-------------|
| COMMUNITY | DESCRIPTION | CONTRACTOR | EXPENDITURE |
| Berens River | Study to determine condition of all roads and recommendations made to upgrade them. Roads to be rebuilt in 1978/79. | Templeton Engineering | 14,884 |
| Birch River | Completion of repair and upgrading of bridge which is only access to Birch River | Boorberg Enterprises Ltd. | 9,504 |
| Cross Lake | Consultant hired for preliminary engineering feasibility test study of the internal transportation system on the Reserve | M. M. Dillon Ltd. | 14,448 |
| | A causeway constructed to link the communities of Wapak and Natimik to improve pupil transportation, water delivery and fire protection. OREE and Manitoba have provided a cable ferry and the total community is now interconnected. | BAND (Sub-Contracted & Fenwick Construction) | 176,172 |
| Dauphin River | Construction of a barge and loading docks to provide a river crossing to link the two settled areas on both sides of the Dauphin River. Begun in 77/78, to be completed in 78/79. | BAND | 23,000 |
| Fort Alexander | Rebuilding 4.2 miles of road on north shore to ensure safe transportation for pupils, to improve water delivery and general transportation requirements. Project phased over two years, projected total cost is \$200,000. | Pluto Construction (supervised by Province of Manitoba) | 58,098 |
| Gods River | Study to determine internal transportation system to meet the needs of the community; preliminary design included. | BAND (contracted to Templeton Engineering) | 12,500 |
| Hollow Water | Construction of 1 mile of new road to open new areas for residential development as identified in community plan. | BAND (contracted to Me-Ke-Si Construction and Orbanski Construction) | 18,471 |
| Moose Lake | Roads built to new townsite development and linked to existing road network in community | BAND | 35,000 |
| Oxford House | Rebuild portions of internal road system to facilitate pupil transportation and local services. Total cost over two years-23,500 | BAND | 11,750 |
| Pukatawagan (Mathias Colomb) | Rebuilding 3.5 miles of Reserve road which connects to access road off the Reserve being rebuilt by the Province. | BAND | 70,000 |
| Wasagamack | Reconstruction of 2 miles of Reserve roads to facilitate year round pupil transportation and services. Started in 77/78, to be completed early 78/79. Total project cost-30,000 | BAND | 30,000 |
| York Landing | Construction of .5 miles of new road to serve school and residential area. | BAND | 15,000 |

| TABLE B.47 | | |
|---|--|--------------|
| <u>COMMUNITY INFRASTRUCTURE SERVICES/ INTERNAL TRANSPORTATION AGGREGATE SEARCH 1977/78</u> | | |
| AREA/COMMUNITY | CONTRACTOR | EXPENDITURES |
| Area #1 Oxford House Gods River Cross Lake Red Sucker Lake Garden Hill St. Theresa Wasagamack Gods Lake | Klohn Leonoff Templeton Engineering | |
| Area #2 Split Lake York Landing Shamattawa Pukatawagan High Rock | | |
| | | \$ 16,008 |

Gravel stockpiling is conducted as most northern Indian communities do not have readily accessible gravel deposits with year round access. Therefore gravel must be hauled over frozen lakes and trails during winter months. The gravel will be used when roads are constructed and/or upgraded. Table B.48 lists activity undertaken in 1977/78.

| TABLE B.48 | | |
|--|---|----------------|
| <u>COMMUNITY INFRASTRUCTURE SERVICES/ INTERNAL TRANSPORTATION - GRAVEL STOCKPILING 1977/78</u> | | |
| COMMUNITY | CONTRACTOR | EXPENDITURE \$ |
| Garden Hill | Ed's Backhoe | 17,000 |
| Gods Lake | Band Contract | 35,000 |
| Gods River | Band Contract | 50,000 |
| Nelson House | Smook Brothers | 11,000 |
| Oxford House | Band Contract | 50,500 |
| Pukatawagan | Band Contract | 50,500 |
| Split Lake | Larry's Trucking/Smook Brothers/Band | 49,897 |
| Wasagamack | Ed's Backhoe | 17,000 |
| Split Lake | Smook Brothers | 33,000 |
| | | \$313,897 |

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 etc.

During 1977/78, total expenditures were \$306,844 cost-shared 60/40 between DREE and DIAND.

Activities are detailed in Table B.49.

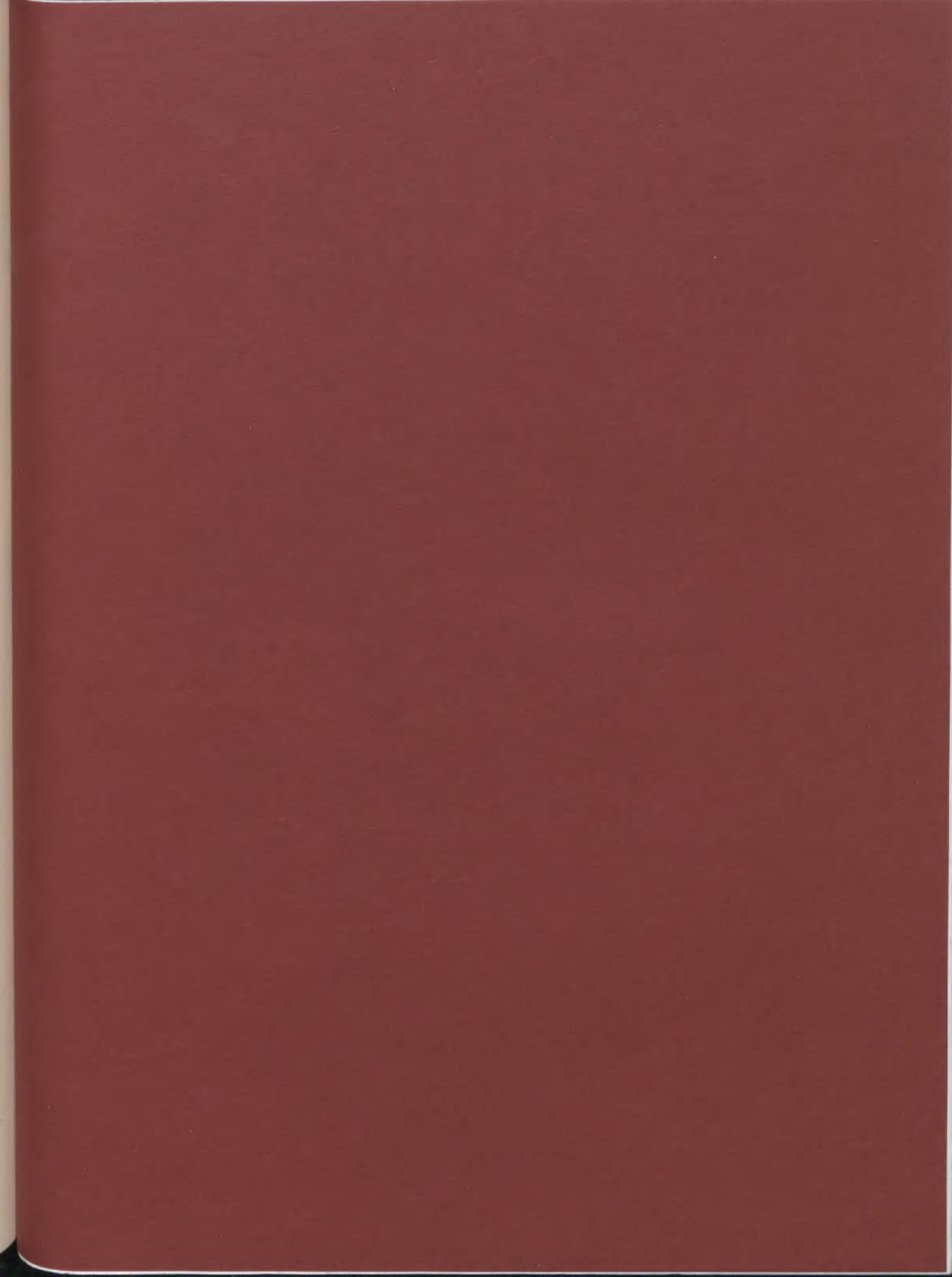
TABLE B.49

| <u>COMMUNITY INFRASTRUCTURE SERVICES/</u> <u>MULTI-PURPOSE FACILITIES 1977/78</u> | | |
|--|---|----------------|
| COMMUNITY | ACTIVITY | EXPENDITURE \$ |
| Cross Lake | Warehouse constructed to store material for approximately 20 housing units shipped in by winter freight to prevent loss from material damage. Total administration by band; local labour employed. | 38,000 |
| Gods Lake | Warehouse completed to store material for approximately 15 housing units shipped in by winter freight each winter, to prevent loss from material damage. Total administration by band, local labour employed. | 40,542 |
| Little Grand Rapids | Warehouse to be completed to store material for approximately 14 housing units in summer of 1978/79. Expenditures for 77/78 were for material and winter freight. | 9,853 |

Continued ...

TABLE B.49 Cont'd

| <u>COMMUNITY INFRASTRUCTURE SERVICES/ MULTI-PURPOSE FACILITIES 1977/78</u> | | |
|--|---|----------------|
| COMMUNITY | ACTIVITY | EXPENDITURE \$ |
| Pukatawagan | Warehouse completed to serve as storage for housing material to prevent loss from material damage and for a workshop. Total administration by band; local labour employed. | 32,000 |
| Shamattawa | Warehouse completed to store housing material and supplies shipped in by winter freight to prevent loss from material damage. Administered by DIAND, local labour employed. | 47,439 |
| | Drop-in centre completed by DIAND utilizing local labour. Will be utilized for social functions and assisting in diminishing serious social problems in the community, especially those in the adolescent group. The completion of this project in December 1977 has already provided a noticeable moral and social boost to this most isolated community, through activities and employment. | 139,010 |



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 1977/78, there were five projects continued under this program: Thompson - Split Lake, Easterville Road, Jenpeg - Cross Lake - Norway House, Pre-Engineering and Design, and Moose Lake Road. An overall view of the network is summarized in Figure C.6. All roads are being constructed to Manitoba Department of Highways Design Standard #9 (See Table C.1).

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 per cent | | | 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 communities of Thompson and Split Lake. The Department of Highways is responsible for constructing a road link between the two communities, and the Department of Renewable Resources and Transportation Services was responsible for constructing a ferry barge to provide access between a navigable point at the junction of the Burntwood River and the Odei River and the community of Split Lake, while road construction proceeds. The marine vessel, the "M.V. Joe Keeper", will be relocated upon completion of the road (See figure C.1).

a) 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. Construction of this road to Highways Design Standard #9 (See Table C.1) commenced in 1976/77. In that fiscal year 70% of the rough grading was completed.

In 1977/78, the Department of Highways incurred expenses of \$1,938,575, which were shared 30/30/40 between DREE, Transport Canada and Manitoba, respectively. Progress was as follows:

- A contract was let to Ken Cook Ltd. for completion of grading to mile 81 immediately east of the proposed access road to Split Lake Indian Reserve. Approximately 65% of the contract was completed.
- The first lift of gravel for the last section of the road was supplied by Smook Brothers, Thompson. The gravel will be placed after completion of the consolidation.

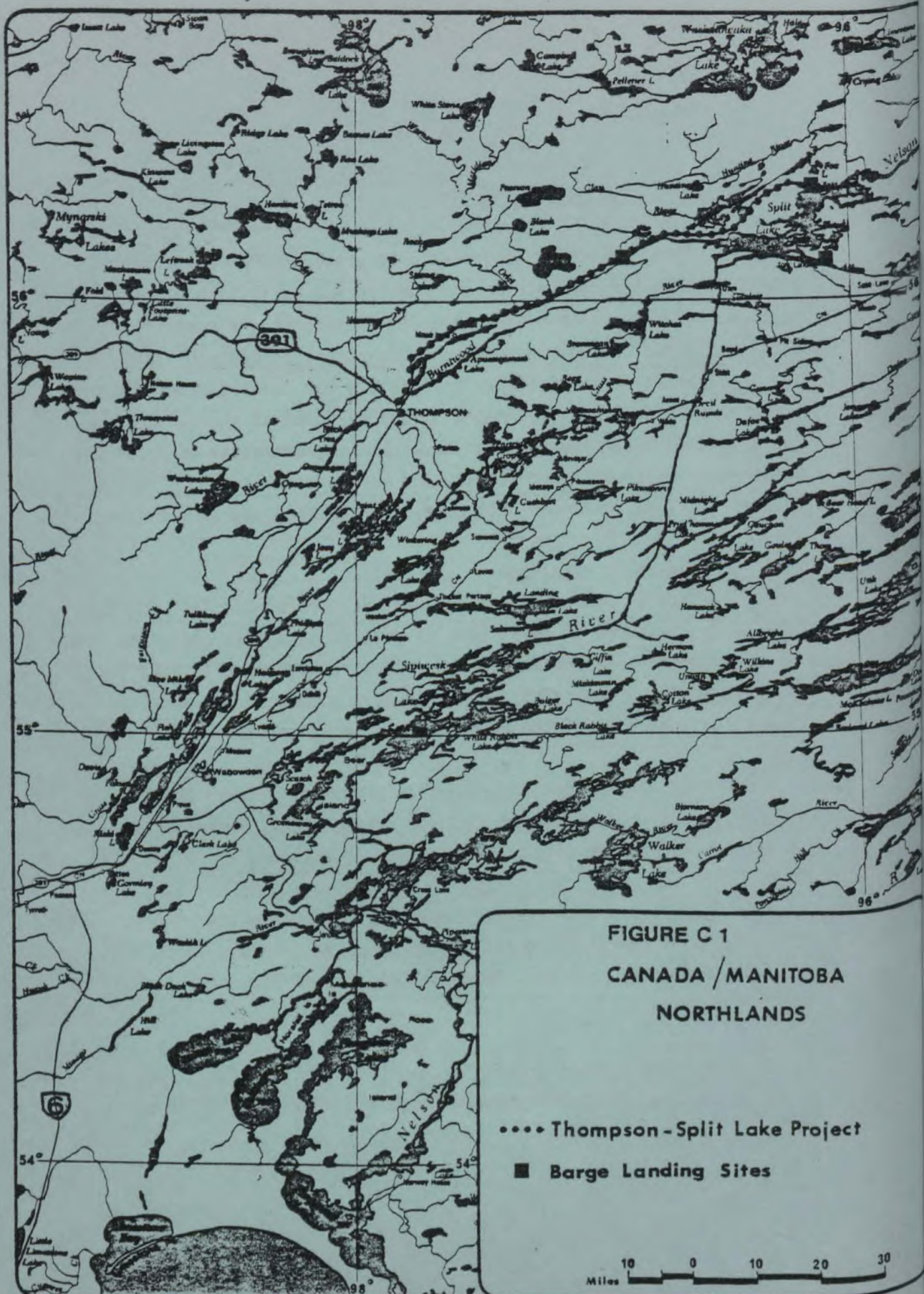
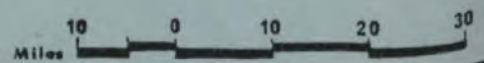


FIGURE C 1
CANADA / MANITOBA
NORTHLANDS

- Thompson-Split Lake Project
- Barge Landing Sites



The road is expected to be operational in the fall of 1978 after the initial lift of gravel has been applied. However, further consolidation, drainage improvement, and the second lift of traffic gravel will be required in 1979/80.

A contract for a bridge over the Odei River is expected to be completed in 1978/79.

Man-months of employment provided by this component is shown below

| <u>Northern</u> | <u>Other</u> | <u>Total</u> |
|-----------------|--------------|--------------|
| 111 | 85 | 196 |

Most of the northern employees were Thompson residents.

b) Split Lake Marine Facilities

In 1977/78, expenditures of \$699,990 were shared 60/40 between Canada and Manitoba on this component. Of this, \$529,947 was shared 60/40 between DREE and Manitoba, and \$170,043 (landing facilities) was shared 30/30/40 between DREE, Transport Canada and Manitoba.

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 crews' quarters.

The ferry was constructed in sections by Riverton Boatworks at Riverton, Manitoba. The sections were transported to the Odei River where they were assembled and the ferry launched during the summer of 1977. Landings have been completed at the junction of the Burntwood and Odei Rivers and at Split Lake Indian Reserve. At this junction, the service building was also completed.

Table C.2 indicates the employment provided by this component.

| TABLE C.2 | | |
|--|----|-------------|
| <u>SPLIT LAKE MARINE FACILITIES</u> | | |
| <u>MAN/MONTHS OF EMPLOYMENT, 1977/78</u> | | |
| NORTHERNERS | | SOUTHERNERS |
| Skilled | 14 | 60 |
| Unskilled | 45 | 86 |
| | — | — |
| | 59 | 146 |
| | | TOTAL |
| | | 74 |
| | | 131 |
| | | — |
| | | 205 |

Project 2 Easterville Road

This project was implemented by the Manitoba Department of Highways. During 1977/78, expenditures of \$672,023 were shared 30/30/40 between DREE, Transport Canada, and Manitoba, respectively.

This project was undertaken to provide all-weather road transportation between PTH 6 and PTH 10. An access to Cedar Lake was also constructed (See Figure C.2).

Easterville road became operational in 1977 and is presently being utilized by all types of traffic. During the fiscal year, Minago Contractors and Marval Construction completed their commitments for the supply of gravel.

In 1978/79 a second lift of gravel, completion of drainage repairs and consolidation of surface springs, will be undertaken.

Sixty-five man-months of employment were provided by this project in 1977/78. Of this, 48 represented northern employees mainly from The Pas area, with a few from Easterville.

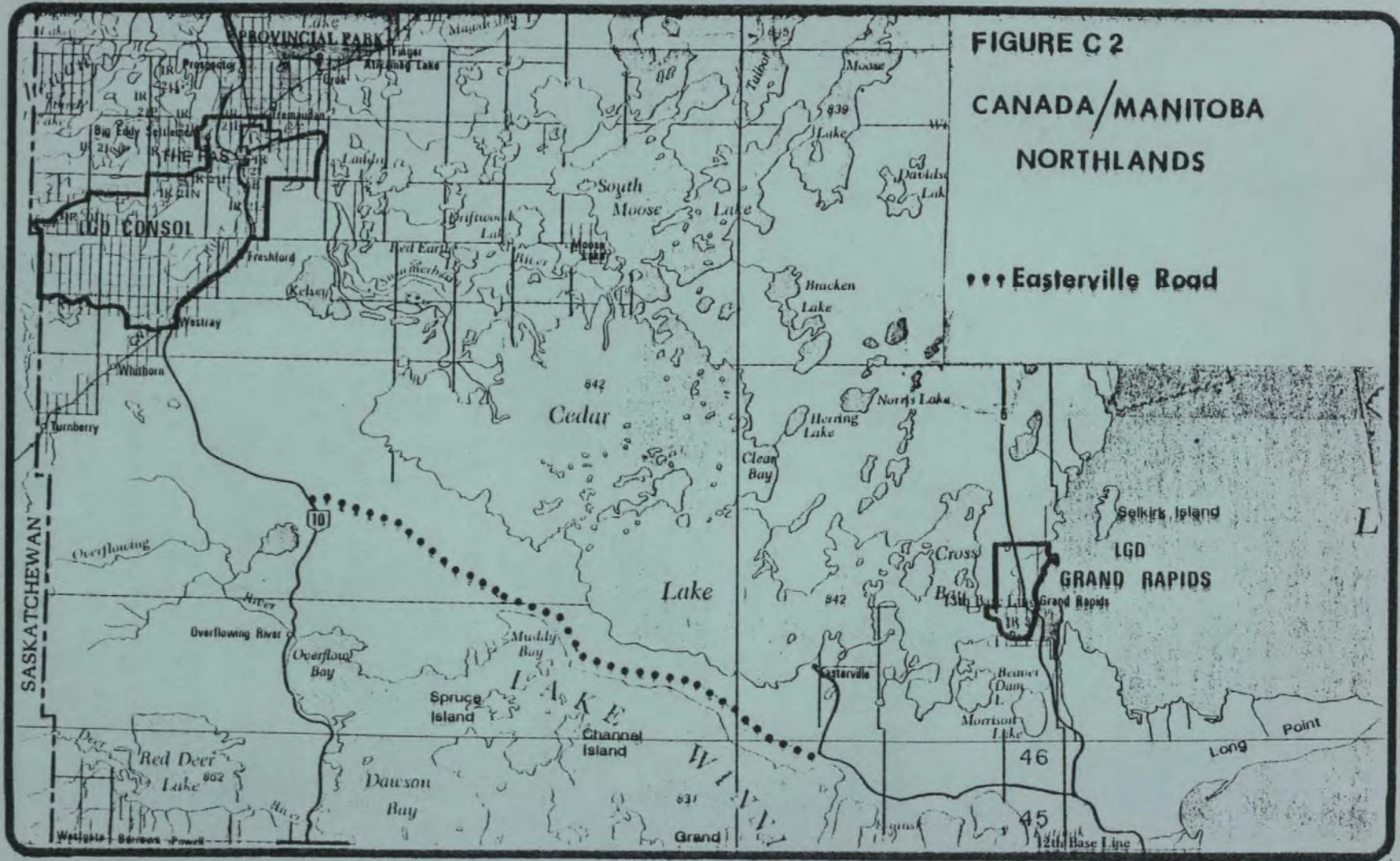


FIGURE C 2

**CANADA/MANITOBA
NORTHLANDS**

♦♦♦ Easterville Road

Project 3 Jenpeg - Cross Lake - Norway House

This project was designed to provide surface access between Jenpeg, Cross Lake and Norway House. It includes a new road linking Jenpeg, Seariver 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 Whiskeyjack) and Cross Lake (See Figure C.3).

The project was implemented by the Manitoba Department of Renewable Resources and Transportation Services. During 1977/78, expenditures of \$4,544,049 were shared on the following basis:

Road Construction - \$3,936,758 - 30/30/40 between DREE, Transport Canada, and Manitoba
Marine Facilities - \$607,290 - 60/40 between DREE and Manitoba.

Following are details of the two components of this project.

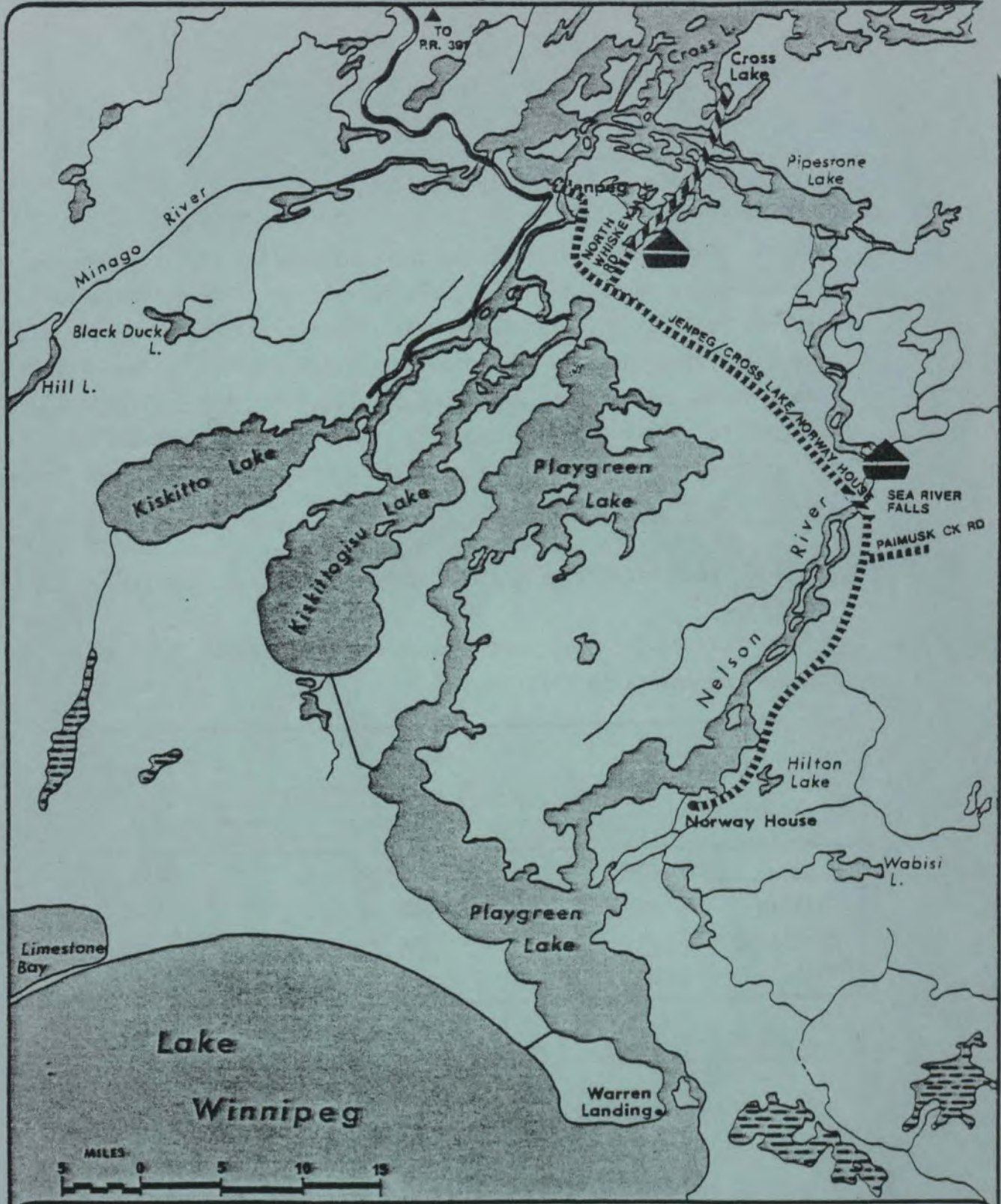
a) Jenpeg - Norway House Road

Forty-three miles of road were constructed to Department of Highways Design Standard #9 (See Table C.1).

The work was done under contract to G. Fenwick Ltd. for the Jenpeg to Seariver Falls portion with access to Whiskeyjack Point, and M.W. Orbanski Contractors for the Seariver Falls to Norway House portion with access to the gravel near Paimusk Creek.

All highway facilities between Jenpeg and Norway House have now been fully graded and have had one lift of gravel. A further lift of gravel will be required in 1978 before construction can be considered fully completed. The bridges at Big and Little Pine Creek were constructed and made operational but still require some minor work.

FIGURE C.3



Jenpeg / Cross Lake / Norway House Road

-  FERRY
-  ROADWAY
-  FERRY ROUTE

b) Jenpeg - Cross Lake Marine Facilities

This component includes the construction of a ferry barge at Cross Lake by Purvis Navcon and of a cable ferry across the Nelson River near Seariver Falls by Riverton Boatworks. The ferry barge was designed to have a carrying capacity of approximately 180,000 lbs, a design speed of 6 to 8 knots, and a gross weight of 300,000 lbs. The cable ferry was designed to have a carrying capacity of approximately 200,000 lbs, a design speed of up to 200 ft/minute and a gross weight of approximately 150,000 lbs.

Both facilities are now operating satisfactorily.

Table C.3 indicates the combined employment provided by the two components in 1977/78.

| TABLE C.3 | | | |
|---|-------------|-------------|------------|
| <u>JENPEG - CROSS LAKE - NORWAY HOUSE</u> | | | |
| <u>MAN/MONTHS OF EMPLOYMENT, 1977/78</u> | | | |
| | NORTHERNERS | SOUTHERNERS | TOTAL |
| Skilled | 60 | 600 | 660 |
| Unskilled | <u>140</u> | <u>200</u> | <u>340</u> |
| TOTAL | 200 | 800 | 1,000 |

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 1977/78, it involved continuing design and construction of a corridor to link Cross Lake with Oxford House, and Oxford House with Gods Lake and Garden Hill, with a link to Red Sucker Lake at Chapin Bay (See Figure C.4). Most of the expenditures in 1977/78 were for costs incurred in the previous year.

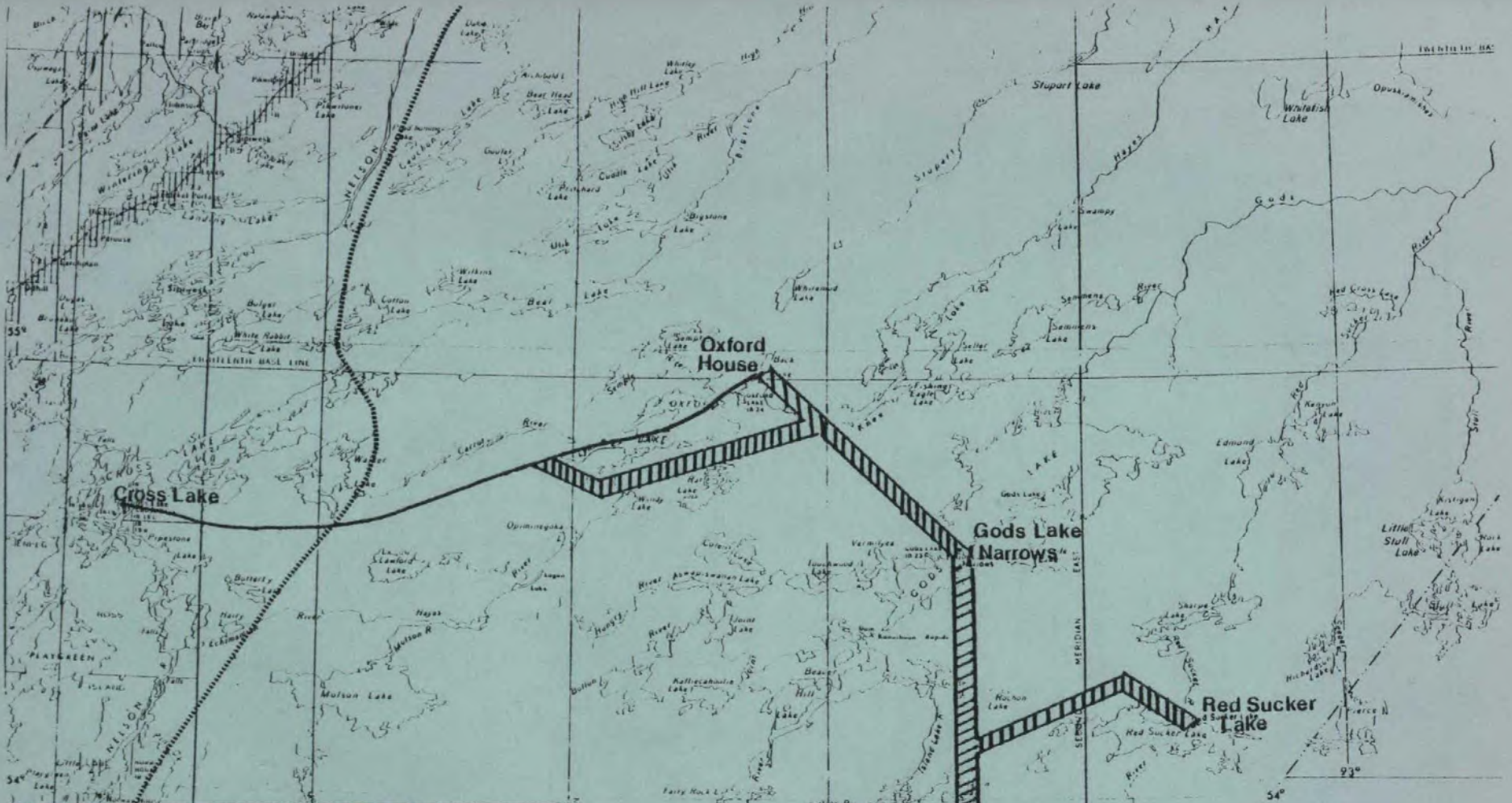




FIGURE C4
PRE-ENGINEERING and DESIGN

 **New Alignment**
 **Existing Winter Road**



The project consists of the following two components, both of which were implemented by the Manitoba Department of Northern Affairs:

a) Cross Lake - Oxford House - Garden Hill

In 1977/78, expenditures of \$196,904 for this component were shared 30/30/40 between DREE, Transport Canada, and Manitoba, respectively. This component of the project consisted of realigning the corridor over land from Cross Lake to Oxford House and Garden Hill. Most of this was completed in 1976/77. Work in 1977/78 involved a timber structure on the Hayes River Crossing and some helicopter survey work.

b) Chapin Bay - Red Sucker Lake

In 1977/78, expenditures of \$77,651 on this component were shared 30/30/40 between DREE, Transport Canada and Manitoba. Most of the clearing and grubbing on this route was completed in 1976/77.

Project 5 Moose Lake Road

This project was implemented by the Manitoba Department of Highways. In 1977/78, expenditures of \$2,048,631 were shared 30/30/40 between DREE, Transport Canada and Manitoba, respectively.

The objective of this activity is to provide an all-weather road access between Atikameg on PR 287 and the community of Moose Lake. This will provide a connection between Moose Lake and The Pas (See Figure C.5).

Work commenced in May 1977 under contract with Minago Contractors for the grading of some 23 miles from Atikameg southerly. A further contract was let with Riverside Gravel for rock excavation and crushing of quarried rock. Both these contracts were completed.

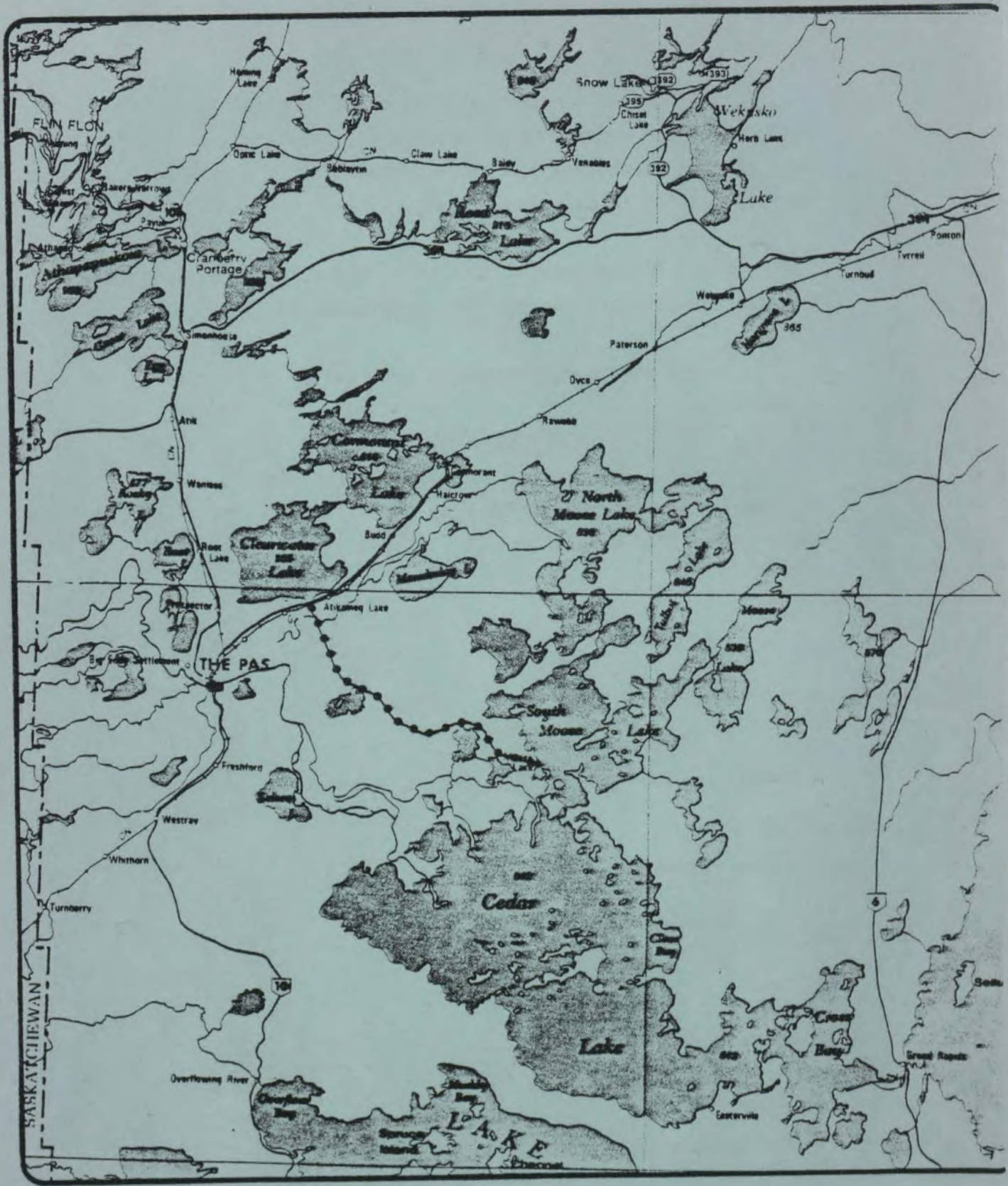


FIGURE C 5
CANADA/MANITOBA NORTHLANDS
•• Moose Lake Road

A further contract will be called during the fiscal year 1978/79 for the completion of grading and providing for traffic gravel. Further consolidation and a second lift of gravel will be necessary during the fiscal year 1978/80.

It is anticipated that this road will be constructed to an all-weather standard for traffic by November 15, 1978.

Man-months of employment provided by this activity is shown below:

| <u>NORTHERN</u> | <u>OTHER</u> | <u>TOTAL</u> |
|-----------------|--------------|--------------|
| 40 | 117 | 157 |

Northern employees were drawn from The Pas area. The majority of the others were from Swan River.

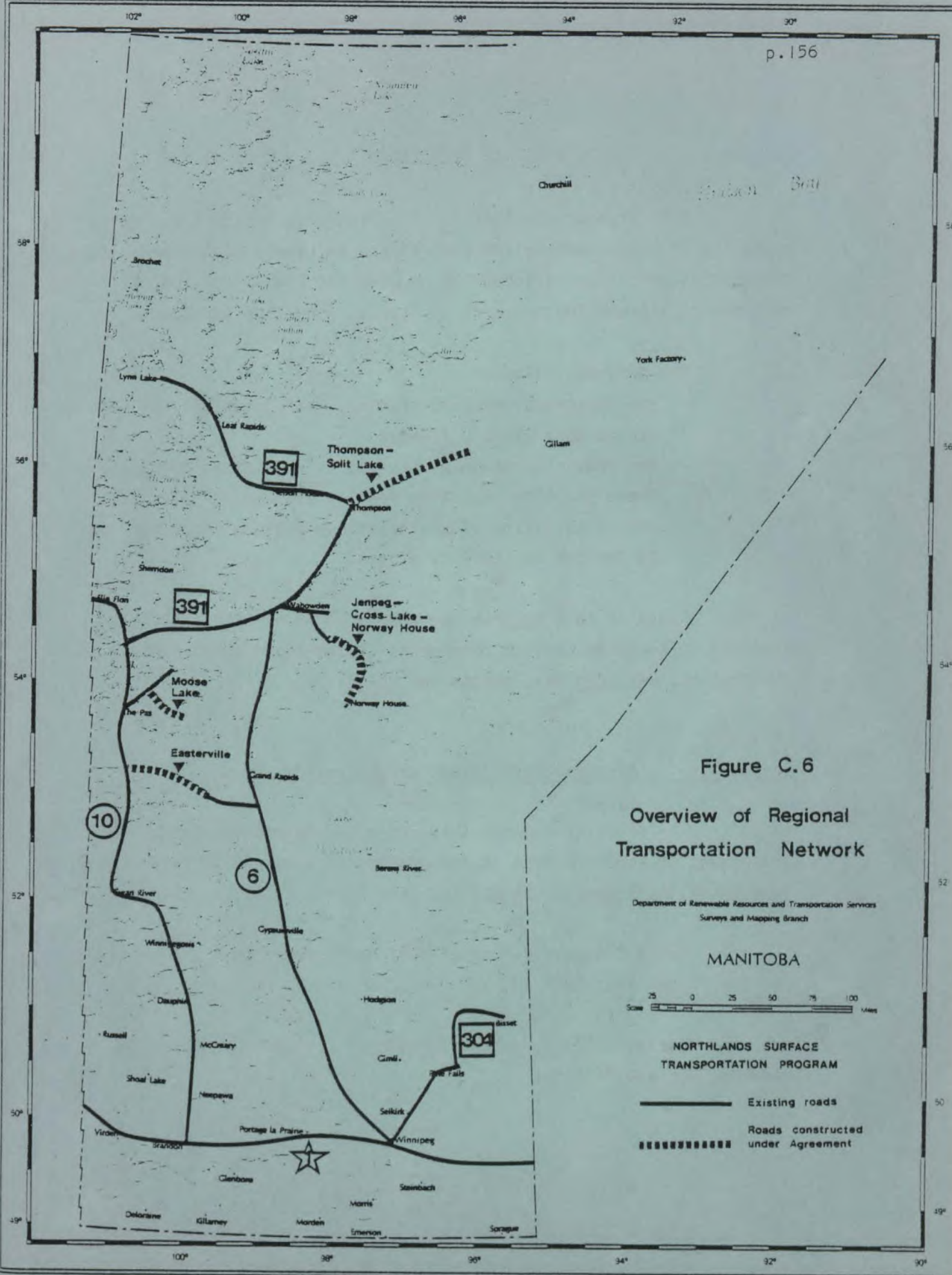
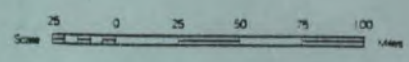


Figure C.6
Overview of Regional Transportation Network

Department of Renewable Resources and Transportation Services
 Surveys and Mapping Branch

MANITOBA



- NORTHLANDS SURFACE TRANSPORTATION PROGRAM**
- Existing roads
 - - - - - Roads constructed under Agreement

PROGRAM 2 REMOTE AIRSTRIP IMPROVEMENT

This program provides for the financing of construction or upgrading of year-round reliable airstrips in remote northern Manitoba communities which lack alternative or adequate transportation facilities, in order to improve the movement of people, goods and services.

The program includes:

- the construction or up-grading, where feasible, of airstrips to a Class D standard;
- the provision of necessary capital equipment to maintain these and other existing facilities; and
- the installation of basic air navigational equipment to improve reliability of use.

Costs of this program are shared 60/40 by DREE and the Province. The three program components listed above are organized into one project, Airstrip Development and Up-grading.

Project 1 Airstrip Development and Upgrading

The activities under this project were implemented by the Department of Northern Affairs and consist of airstrip improvements undertaken in 15 remote communities (See Figure C.7).

Table C.4 provides details of performance in these areas for the fiscal year 1977/78.

During 1977/78, expenditures of \$1,102,340 were shared 60/40 between DREE and Manitoba.

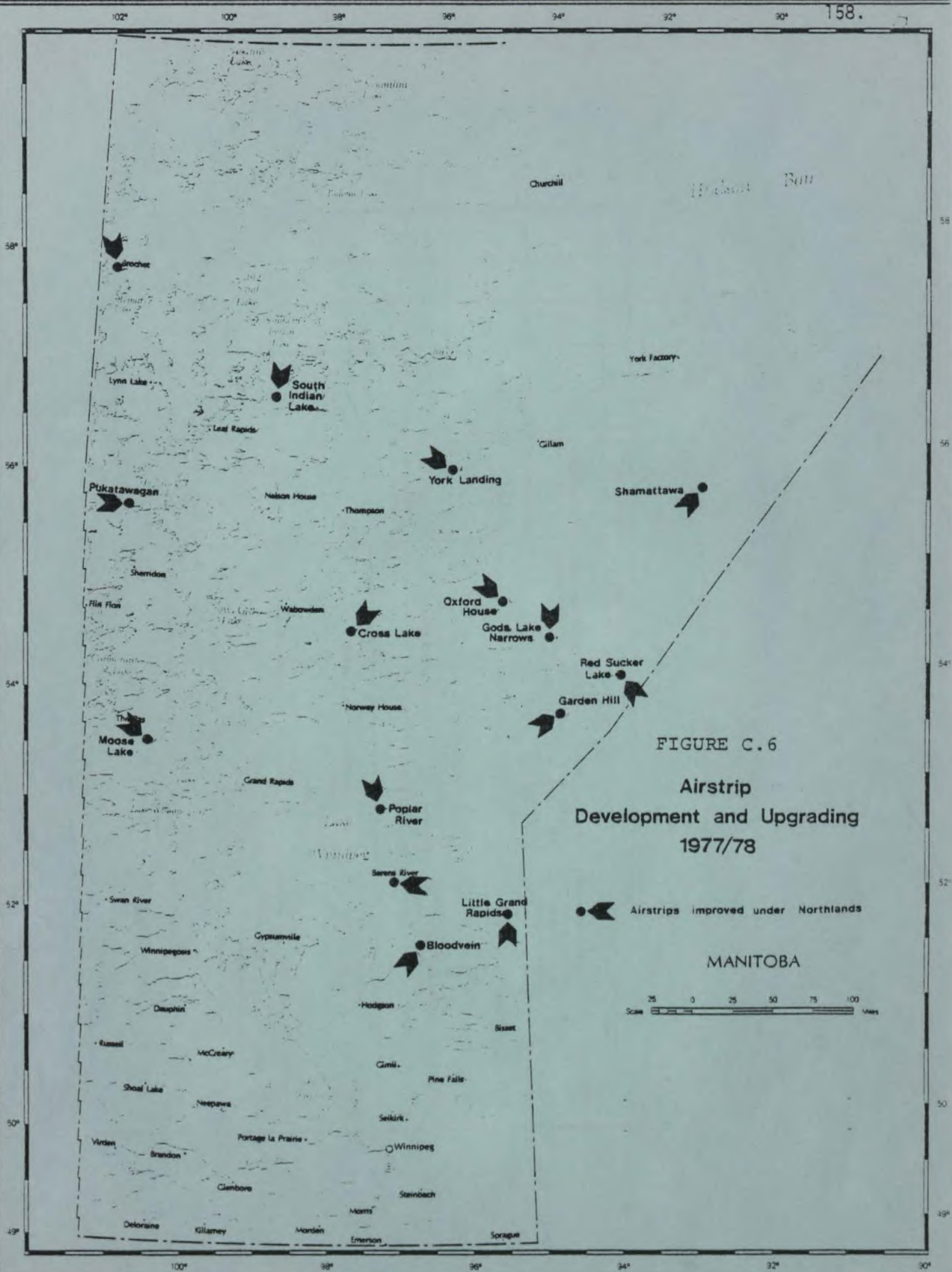


FIGURE C.6
**Airstrip
 Development and Upgrading
 1977/78**

● ← Airstrips improved under Northlands

MANITOBA

Scale 0 25 50 75 100 Miles

TABLE C.4
AIRSTRIP DEVELOPMENT AND UPGRADING 1977/78

| SITE | COMPLETED WORK | | INCOMPLETE OR NOT DONE | CONTRACTORS | | | | | |
|-------------------|--|--|---|---------------------------|--------------------|--------------------------------|-------------|---------------|----------------------------|
| | | | | | Total No. Employed | Total No. Northerners Employed | No. Skilled | No. Unskilled | Total Man-Month Employment |
| BERENS RIVER | Drainage improvements, clearing re-zoning, rock excavation, gravel stockpile | Ramp and parking improvements, vehicular parking area, right of way fencing, concrete floor in equipment shed. | Security fencing not done, relocation of radio room not done. | Departmental | 18 | 17 | 2 | 16 | 27 |
| | | | | P & T Construction | 3 | 2 | 3 | -- | 12 |
| BLOODVEIN | Terminal relocation, rock work, drainage | Grading, access road, Hydro relocation | Gravel not completed | Bloodvein Band Foundation | 12 | 12 | 10 | 2 | 60 |
| BROCHET | Equipment shed, security fencing | Concrete pad for fuel storage, terminal renovations | N/A | Departmental | 7 | 7 | 1 | 6 | 12 |
| CROSS LAKE | Clearing, drainage | Erosion control, equipment shed renovations | N/A | Cross Lake Band Council | 6 | 6 | 1 | 5 | 6 |
| GARDEN HILL | Terminal renovations, equipment shed heating, erosion control, apron expansion | Security fencing, navigation aids, Hydro extension | Water supply and sewage disposal not started | Departmental | 25 | 25 | 2 | 23 | 50 |
| | | | | P & T Construction | 3 | 2 | 3 | -- | 6 |
| GODS LAKE NARROWS | Gravel-screening, placing & stockpiling, terminal renovations, erosion control-rip rap | Security fencing, equipment shed lining and floor, concrete pads for fuel tanks | N/A | Departmental | 20 | 20 | 2 | 18 | 20 |

TABLE C. 4 (cont.)
AIRSTRIP DEVELOPMENT AND UPGRADING 1977/78

| SITE | COMPLETED WORK | | INCOMPLETE OR NOT DONE | CONTRACTORS | Total No. Employed | Total No. Non-thermers Employed | No. Skilled | No. Unskilled | Total Man-Month Employment |
|---------------------|--|---|--|---------------------|--------------------|---------------------------------|-------------|---------------|----------------------------|
| | | | | | | | | | |
| LITTLE GRAND RAPIDS | Terminal renovations, fencing | Erosion control, equipment shed lining | Runway lights not installed | Departmental | 20 | 20 | 2 | 18 | 30 |
| MOOSE LAKE | Erosion control | | N/A | Lamb's | 1 | 1 | 1 | -- | 0.5 |
| OXFORD HOUSE | Site Investigation | Navigational aids | N/A | Departmental | 2 | 2 | 2 | -- | 0.5 |
| POPLAR RIVER | Site Investigation | | N/A | Departmental | 1 | 1 | 1 | -- | 0.5 |
| PUKATAGAN | Equipment shed heating, gravel security fencing | Erosion control terminal | N/A | Departmental | 4 | 4 | 4 | 3 | 4 |
| | | | | Mathias Colomb Band | 2 | 1 | 2 | -- | 2 |
| RED SUCKER LAKE | Equipment shed lining, equipment heating, runway lights, fencing | Terminal renovations, non directional beacon, erosion control | Floor in equipment shed not complete | Departmental | 33 | 33 | 2 | 31 | 15 |
| SHAMATTAWA | Terminal renovations, warehouse | Security fencing | Additional gravel not done | Departmental | 7 | 7 | 1 | 6 | 7 |
| SOUTH INDIAN LAKE | Stabilize grade slope, security fencing | Erosion control | Terminal renovations not done. Floor in equipment shed not complete. | Departmental | 7 | 7 | 1 | 6 | 7 |
| YORK LANDING | Non directional beacon, runway lights | Security fencing, erosion control | Gravel not done | Departmental | 2 | 2 | -- | 2 | 1 |

NOTE: The following maintenance equipment was provided:

Rubber tired tractors with rotary motors - Norway House (1)
Garden Hill (1)
Cross Lake (1)
Berens River (1)
Gods Lake Narrows (1)
Various sites as needed (1)

Dry chemical fire fighting apparatus - Red Sucker Lake
Little Grand Rapids
Oxford House



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, (1) Co-ordination and Administration and (2) Pilot Action Research.

PROGRAM 1 CO-ORDINATION AND ADMINISTRATION

Activities under this program provide for the administration and co-ordination of the Agreement. During 1977/78, expenditures of \$347,485 were shared 60/40 between DREE and Manitoba. Significant components of program output in 1977/78 were the maintenance of a computerized expenditure forecasting and recording system, performance monitoring, co-ordination of federal and provincial programming, and progress reporting.

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 solving problems in the north. The program consists of one project with four activities, as follows.

Activity 1 Waste Management Demonstration Project

This activity was implemented by the Department of Northern Affairs using a staff of four persons part time and the services of another four contract personnel from Bio/Tech Incorporated of Winnipeg. In 1977/78, expenditures of \$133,723 were shared 60/40 between DREE and Manitoba.

The activity was undertaken to test and evaluate the performance of innovative waste management processes and methods under northern conditions.

In 1977/78, work was undertaken on the following three sub-activities.

a) Mouldering Toilets Project

This research was designed to evaluate the performance of various composting toilets.

i) Four new Bio-Loo units and two previously tested Mull-Toa units were installed in elderly persons' housing units in Grand Rapids. The systems experienced a problem of consistent malfunctioning. Some units have since been removed at the owners' requests.

ii) Clivus - Multrum Northern Rockies Limited of Montana, U.S.A., supplied revised access and installation hardware for two units previously installed at Duck Bay. The firm also assisted Bio/Tech Incorporated staff with the installation. One unit was brought up to useful status in 1977/78.

b) Aquatic Vegetation Project

This research was undertaken to evaluate the degree to which domestic sewage lagoon operations can be improved through the nutrient uptake provided by selected aquatic macrophytes, as well as to evaluate plant biomass as a fodder supplement or replacement. Summer field activities in 1977 consisted of eighteen 10-day retention runs over a 200-day season at the Arborg test facility.

Testing of vegetation previously produced at Arborg was carried out by Bio/Tech Incorporated at the Water Services Board laboratory. Bio/Tech prepared and distributed a report which indicated that there is a tendency for the planted cells to remove more effluent nutrient than the unplanted control cells.

c) Overland Flow Project

This research studies the effect of running pre-measured rates of waste water over a slightly sloped plot which is seeded with Reed Canary Grass and Creeping Red Fescue. In 1977/78 all plots were successfully reseeded. Irrigation system components were purchased and prepared for construction. Drainage of the individual plots and the general site was improved and stabilized. Completion of sub-activity was delayed due to staff being re-assigned to Aquatic Vegetation.

Activity 2 M.H.R.C. Applied Research

This activity was implemented by the Manitoba Housing and Renewal Corporation (MHRC) utilizing a staff of one person. In 1977/78, expenses of \$33,206 were cost-shared 60/40 between DREE and Manitoba.

The Applied Research activity was designed to investigate and develop improved methods of house construction and services for the benefit of residents of rural and remote areas.

Following is a brief summary of program delivery during 1977/78.

a) Log Housing/Use of Indigenous Materials

Evaluation of the construction of two log houses in Manigotogan in 1976 was completed. The reports dealt with costs, future potential for a pre-fab industrial capability, public acceptance and climatic suitability.

b) Energy Conservation and Supply

This sub-activity focusses on investigating cost/effective modifications for reducing energy consumption in the home. Accomplishments in 1977/78 included;

- i) initiation of work on window re-design and modification
- ii) accumulation of data on design methods for improving insulation and input relative to soil/geological conditions in northern Manitoba.

c) Sewage Disposal/Waste Treatment (Dry System)

Originally, it was planned to purchase, install and monitor the effectiveness of fifteen Scandinavian composting toilets. To date, eight units have been installed and site visits used to provide limited monitoring.

d) Sewage Disposal/Waste Treatment (Wet Systems, Field Testing)

A Chromoglas CA5-E unit was installed in a single family home at The Pas in December/77. Initial installation and start-up difficulties were rectified by modifications to the control system. Establishment of a full testing and monitoring program has been postponed pending the installation of three additional units.

e) Dehumidification

This research was initiated to determine the effectiveness of various dehumidification techniques in solving humidity/condensation problems confronting northern residents. In 1977/78, laboratory tests run on a prototype polyethylene heat exchange led to modifications designed to solve icing problems. A production unit is now ready for installation and testing. Tests were also conducted on an air conditioner modified to act as a larger dehumidifier. Results indicated that this may have application in less extreme situations.

Activity 3 Wood Gasification

The Manitoba Energy Council used the services of one staff person in 1977/78 to manage the Department of Northern Affairs activity relating to the testing of wood gasification technology in the production of electrical energy. Expenditures of \$68,509 were shared 60/40 between DREE and Manitoba.

Specific results included making arrangements for the purchase of a Mellenger Gas-o-Dyne, a wood gasification producer unit. Arrangements were also completed for modification of a diesel generator unit, to enable electrical generation using low BTU gas produced from forestry products or by-products.

The activities undertaken in 1977/78 involved the mobilization of resources in preparation for active testing of the diesel-electrical generation unit in 1978/79.

Activity 4 Log Bundling and Booming

This activity, delivered by the provincial Department of Renewable Resources and Transportation Services undertook to study an alternate method of transporting logs and/or pulpwood from lake shore areas where geographic barriers prohibit the use of conventional barging methods and roads for long-haul transportation do not exist. In 1977/78 expenditures of \$142,183 were shared 60/40 between DREE and Manitoba.

The department retained the services of Nawitka Renewable Resource Consultants Limited to undertake the Log Bundling and Booming Study during the 1977/78 fiscal year. The study was carried out at the Channel Area Loggers site on the Pigeon River. Low water levels in this area have presented barriers to traditional barging methods in the past.

The log bundling system consists of the following:

On shore a crib is constructed and filled to capacity with 8 foot length logs. The logs are then bundled together with metal banding and dumped into the river or lake, where gater-boats push them into a collecting area. After bundles are moved into booms, a tug tows them to the mill site. Capacity of the boom is estimated to be between 1500 and 2000 cords.

While a substantial number of cords of wood were bundled during 1977/78, none were transported before the end of the fiscal year.

It is anticipated that the study will be completed and a report produced during the 1978/79 fiscal year.

APPENDIX A

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(i)

| SECTOR ALLOCATION (\$'000) | PROGRAM | PROJECT | EXPENDITURE | | | | | 76/77 TOTAL EXPENDITURE | 5-YEAR ALLOCATION | BALANCE OF ALLOCATION | |
|--|---|--|-------------|-------------------------------|----|-------|---------|-------------------------|-------------------|-----------------------|----------|
| | | | 77/78 TOTAL | COSTS ALLOCATED BY DEPARTMENT | | | | | | | |
| | | | | CMI | TC | DIAND | DREE | | | | MANITOBA |
| "A" | | | | | | | | | | | |
| Resources & Community Economic Development (\$5,000.0) | 1. Community Economic Planning & Support | 1. Community Economic Feasibility & Support Services | 813.2 | -- | -- | -- | 487.9 | 325.3 | 620.0 | 3,000.0 | 1,566.8 |
| | 2. Regional Resource Development Planning | 1. Regional Resource Investigation & Development | 598.2 | -- | -- | -- | 358.9 | 239.3 | 563.4 | 2,000.0 | 838.4 |
| | SECTOR TOTAL | | 1,411.4 | -- | -- | -- | 846.8 | 564.6 | 1,183.4 | 5,000.0 | 2,405.2 |
| "B" | | | | | | | | | | | |
| Human Development & Community Services (\$93,0B2.0) | 1. Information & Extension | 1. Extension Services | | | | | | | | | |
| | PROGRAM TOTAL | | 1,596.9 | -- | -- | -- | 958.1 | 638.8 | 1,965.8 | 6,000.0 | 2,437.3 |
| | 2. Northern Manitoba Human Development Services | 1. Northern Development Corps | 2,862.2 | -- | -- | -- | 1,717.3 | 1,144.9 | 2,566.4 | 15,080.0 | 9,651.4 |
| | | 2. Northern Corporate & Community Based Enterprises | 2,098.0 | -- | -- | -- | 1,258.8 | 839.2 | 1,675.3 | 8,232.5 | 4,459.2 |

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(ii)

| SECTOR ALLOCATION (\$'000) | PROGRAM | PROJECT | EXPENDITURE | | | | | 76/77 TOTAL EXPENDITURE | 5- YEAR ALLOCATION | BALANCE OF ALLOCATION | |
|--|---|--|-------------|-------------------------------|----|---------|---------|-------------------------|--------------------|-----------------------|----------|
| | | | 77/78 TOTAL | COSTS ALLOCATED BY DEPARTMENT | | | | | | | |
| | | | | CMI | TC | DIAND | DREE | | | | MANITOBA |
| "B" Human Development & Community Services (\$93,082.0) Con't | 2. Northern Manitoba Human Development Services | 3. Adult Professional Development | 4,285.1 | -- | -- | -- | 2,571.1 | 1,714.0 | 3,029.8 | 15,770.0 | 8,455.1 |
| | | 4. Unallocated | 0.0 | -- | -- | -- | 0.0 | 0.0 | 0.0 | 2,350.5 | 2,350.5 |
| | PROGRAM TOTAL | | 9,245.3 | -- | -- | -- | 5,547.2 | 3,698.1 | 7,271.5 | 41,433.0 | 24,916.2 |
| | 3. Manpower Development Services | 1. Outreach | 343.5 | 343.5 | -- | -- | -- | -- | 199.0 | 2,968.0 | 2,425.5 |
| | | 2. LEAP | 669.3 | 669.3 | -- | -- | -- | -- | 110.0 | 2,548.0 | 1,768.7 |
| | | 3. IPD | 1,224.2 | -- | -- | 1,224.2 | -- | -- | 885.6 | 5,400.0 | 3,290.2 |
| | | 4. ITES | 548.1 | -- | -- | 548.1 | -- | -- | 262.2 | 2,000.0 | 1,189.7 |
| | PROGRAM TOTAL | | 2,785.1 | 1,012.8 | -- | 1,772.3 | -- | -- | 1,456.8 | 12,916.0 | 8,674.1 |
| | 4. Northern Community Services | 1. Community Infrastructure Support Services | 616.2 | -- | -- | -- | 369.7 | 246.5 | 673.2 | 3,393.0 | 2,103.6 |
| | | 2. Community Infrastructure Services | 1,833.6 | -- | -- | -- | 1,100.2 | 733.4 | 1,508.5 | 10,357.0 | 7,014.9 |
| PROGRAM TOTAL | | 2,449.8 | -- | -- | -- | 1,469.9 | 979.9 | 2,181.7 | 13,750.0 | 9,118.5 | |

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(iii)

| SECTOR ALLOCATION (\$'000) | PROGRAM | PROJECT | EXPENDITURE | | | | | 76/77 TOTAL EXPENDITURE | 5- YEAR ALLOCATION | BALANCE OF ALLOCATION | |
|---|--------------------------------------|--|----------------|-------------------------------|-----------|----------------|----------------|-------------------------|--------------------|-----------------------|-----------------|
| | | | 77/78 TOTAL | COSTS ALLOCATED BY DEPARTMENT | | | | | | | |
| | | | | CMI | TC | DIAND | DREE | | | | MANITOBA |
| "B" | | | | | | | | | | | |
| Human Development & Community Services (\$93,082.0) Con't | 5. Indian Reserve Community Services | 1. Community Infrastructure | 277.7 | -- | -- | 111.1 | 166.6 | -- | 138.0 | 1,900.0 | 1,484.3 |
| | | 2. Community Infrastructure Support Services | 22.5 | -- | -- | 9.0 | 13.5 | -- | 0.0 | 500.0 | 477.5 |
| | | 3. Safe Water Supplies | 1,564.9 | -- | -- | 626.0 | 938.9 | -- | 564.7 | 8,393.0 | 6,263.4 |
| | | 4. Waste Disposal Facilities | 6.2 | -- | -- | 2.5 | 3.7 | -- | 5.2 | 1,000.0 | 988.6 |
| | | 5. Fire Protection/Prevention | 160.3 | -- | -- | 64.1 | 96.2 | -- | 70.0 | 1,100.0 | 869.7 |
| | | 6. Internal Transportation Services | 953.7 | -- | -- | 381.5 | 572.2 | -- | 375.8 | 5,000.0 | 3,670.5 |
| | | 7. Multi-Purpose Facilities | 306.8 | -- | -- | 122.7 | 184.1 | -- | 0.0 | 1,000.0 | 693.2 |
| | | 8. Unallocated | 0.0 | -- | -- | 0.0 | 0.0 | -- | 0.0 | 90.0 | 90.0 |
| | PROGRAM TOTAL | | 3,292.1 | -- | -- | 1,316.9 | 1,975.2 | -- | 1,153.7 | 18,983.0 | 14,537.2 |

CANADA/MANITOBA NORTHLANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(iv)

| SECTOR ALLOCATION (\$'000) | PROGRAM | PROJECT | EXPENDITURE | | | | | | 76/77 TOTAL EXPENDITURE | 5- YEAR ALLOCATION | BALANCE OF ALLOCATION |
|---|----------------------------|-----------------------------------|-------------|-------------------------------|---------|---------|---------|----------|-------------------------|--------------------|-----------------------|
| | | | 77/78 TOTAL | COSTS ALLOCATED BY DEPARTMENT | | | | | | | |
| | | | | CMI | TC | DIAND | DREE | MANITOBA | | | |
| "B" Human Development & Community Services (\$93,082.0) Con't | SECTOR TOTAL | | 19,369.2 | 1,012.8 | -- | 3,089.2 | 9,950.4 | 5,316.8 | 14,029.5 | 93,082.0 | 59,683.3 |
| "C" Transportation and Communication (\$35,667.0) | 1. Surface Transportation* | 1. Thompson-Split Lake | 2,638.6 | -- | 632.5 | -- | 950.6 | 1,055.5 | 2,677.8 | 7,212.5 | 1,896.1 |
| | | 2. Easterville Road | 672.0 | -- | 201.6 | -- | 201.6 | 268.8 | 2,083.4 | 3,000.0 | 244.6 |
| | | 3. Jenpeg-Cross Lake-Norway House | 4,544.0 | -- | 1,181.0 | -- | 1,545.4 | 1,817.6 | 3,514.2 | 9,100.0 | 1,041.8 |
| | | 4. Moose Lake Road | 2,048.6 | -- | 614.6 | -- | 614.6 | 819.4 | -- | 3,000.0 | 951.4 |
| | | 5. Pre-Engineering & Design | 274.6 | -- | 82.3 | -- | 82.4 | 109.9 | 218.2 | 1,695.0 | 1,202.2 |
| | | 6. Unallocated | 0.0 | -- | 0.0 | -- | 0.0 | 0.0 | 0.0 | 2,492.5 | 2,492.5 |
| | PROGRAM TOTAL | | 10,177.8 | -- | 2,712.0 | -- | 3,394.6 | 4,071.2 | 8,493.6 | 26,500.0 | 7,828.6 |

CANADA/MANITOBA NORTHILANDS AGREEMENT - SUMMARY OF FINANCIAL FLOWS

(v)

| SECTOR ALLOCATION (\$'000) | PROGRAM | PROJECT | EXPENDITURE | | | | | | 76/77 TOTAL EXPENDITURE | 5- YEAR ALLOCATION | BALANCE OF ALLOCATION |
|---|-------------------------------------|---------------------------------------|-------------|-------------------------------|---------|---------|----------|----------|-------------------------|--------------------|-----------------------|
| | | | 77/78 TOTAL | COSTS ALLOCATED BY DEPARTMENT | | | | | | | |
| | | | | CMI | TC | OIANO | OREE | MANITOBA | | | |
| "C" | | | | | | | | | | | |
| Transportation and Communication (\$35,667.0) | 2. Remote Airstrip Improvement | 1. Airstrip Development and upgrading | 1,102.3 | -- | -- | -- | 661.4 | 440.9 | 1,250.9 | 9,167.0 | 6,813.8 |
| | SECTOR TOTAL | | 11,280.1 | -- | 2,712.0 | -- | 4,056.0 | 4,512.0 | 9,744.5 | 35,667.0 | 14,642.4 |
| "O" | | | | | | | | | | | |
| Co-ordination and Pilot Action Research (\$5,000.0) | 1. Co-ordination and Administration | 1. Co-ordination and Administration | 347.5 | -- | -- | -- | 208.5 | 139.0 | 385.5 | 2,000.0 | 1,267.0 |
| | 2. Pilot Action Research | 1. Pilot Action Research | 377.6 | -- | -- | -- | 226.6 | 151.0 | 391.4 | 3,000.0 | 2,231.0 |
| | SECTOR TOTAL | | 725.1 | -- | -- | -- | 435.1 | 290.0 | 776.9 | 5,000.0 | 3,498.0 |
| | AGREEMENT TOTALS | | 32,785.8 | 1,012.8 | 2,712.0 | 3,089.2 | 15,288.3 | 10,683.5 | 25,734.3 | 138,749.0 | 80,228.9 |

* 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. | Co-operative Development Strategy | Department of Co-op Development 800-491 Portage Ave. Winnipeg, Man. Phone: 786-8531 |
| | Community Resource Planning and Feasibility Analysis | Department of Mines, Natural Resources and the Environment 1495 St. James Street Winnipeg, Man. Phone: 786-9572 |
| | Community Wildlife Management | Department of Mines, Natural Resources and the Environment 1007 Century Street Winnipeg, Manitoba Phone: 633-9543 |
| | Business Management Advisory Services | Communities Economic Development Fund 600-432 Portage Avenue Winnipeg, Man. Phone: 947-0231 |
| | Surveys and Mapping | Department of Mines, Natural Resources and the Environment 59 Elizabeth Drive Thompson, Manitoba Phone: 778-4411 |
| B. | Information-Communication | Department of Northern Affairs 59 Elizabeth Dr. Thompson, Man. Phone: 778-6001 ext. 302 |
| | Youth Travel | Department of Manpower and Labour 693 Taylor Avenue Winnipeg, Man. Phone: 284-8240 |
| | 4-H North | Department of Agriculture 1445 Pembina Highway Winnipeg, Man. Phone: 475-2700 |
| | Culture and Recreation Services | Department of Tourism, Recreation and Cultural Affairs 2nd Floor, 200 Vaughn St. Winnipeg, Man. Phone: 942-6566 |
| | Regional Services | Department of Manpower and Labour 600 Norquay Building Winnipeg, Manitoba Phone: 944-3337 |

IMPLEMENTING PROVINCIAL DEPARTMENTS

Cont'd,

| | |
|--|--|
| Economic Development Services | Department of Mines, Natural Resources and Environment 800-405 Broadway Avenue Winnipeg, Man. Phone: 944-2798 |
| Forestry Counterpart Services | Department of Mines, Natural Resources and Environment 800-405 Broadway Avenue Winnipeg, Manitoba Phone: 944-2794 |
| Integrated Building Systems | Department of Northern Affairs Box 2856, The Pas, Man. Phone: 623-7421, ext. 190. |
| Minago Contractors | " |
| Churchill Pre-Fab | " |
| Mistik Creek Loggers | " |
| pakwagan Community Services | Department of Mines, Natural Resources and Environment 800-405 Broadway Avenue Winnipeg, Manitoba Phone: 944-2794 |
| Channel Area Loggers | " |
| Moose Lake Logers | " |
| Director's Office | Department of Northern Affairs Box 2850 The Pas, Man. Phone: 623-7431 ext. 190 |
| New Careers | Department of Manpower & Labour 693 Taylor Avenue Winnipeg, Manitoba Phone: 284-8220 |
| Brandon University Northern Teachers Education Program | Department of Education 200 Osborne St. N. Winnipeg, Man. Phone: 775-8658 |
| Special Mature Students Program | " |

IMPLEMENTING PROVINCIAL DEPARTMENTS

Cont'd

| | |
|--|---|
| Community Townsite Planning | Northern Planning Branch Department of Municipal Affairs 10th Floor, 405 Broadway Winnipeg, Man. Phone: 944-2531 |
| Community Base Mapping | " Phone: 944-2529 |
| Geotechnical Land Use Studies | Department Mines, Resources and Environmental Management 1577 Dublin Ave. Winnipeg, Man. Phone: 786-9314 |
| Design/Engineering for Community Services | Department of Northern Affairs 59 Elizabeth Dr. Thompson, Man. Phone: 778-4411 |
| Safe Water Supply | " |
| Community Roads | Department of Highways and Transportation Hangar T-127 Winnipeg International Airport Winnipeg, Man. Phone: 889-7268 |
| Fire Protection/Prevention | Department of Northern Affairs Box 2520 The Pas, Man. Phone: 623-7481 |
| <hr/> | |
| C. Thompson-Split Lake Road | Department of Highways and Transportation 1075 Portage Ave. Winnipeg, Man. Phone: 946-7853 |
| Thompson-Split Lake Marine Facilities | Department of Highways and Transportation Hangar T-127 Winnipeg International Airport Winnipeg, Man. Phone: 889-7268 |
| Easterville Road | Department of Highways and Transportation 1075 Portage Ave. Winnipeg, Man. Phone: 946-7853 |

| | |
|-------------------------------------|---|
| Jenpeg-Cross Lake-Norway House Road | Department of Highways and Transportation Hangar T-127 Winnipeg International Airport Winnipeg, Man. Phone: 889-7268 |
| Cross Lake-Oxford House-Garden Hill | " |
| Chapin Bay-Red Sucker Lake | " |
| Airstrip Development and Upgrading | Department of Northern Affairs 59 Elizabeth Drive Thompson, Man. Phone: 778-4411 |

| | |
|---------------------------------------|---|
| D. Agreement Financial Administration | Department of Finance 1004 Norquay Bldg. Winnipeg, Man. Phone: 946-7664 |
| Northern Affairs Administration | Department of Northern Affairs 932-405 Broadway Avenue Winnipeg, Man. Phone: 944-2523 |
| Agreement Co-ordination | Department of Northern Affairs 932-405 Broadway Avenue Winnipeg, Manitoba Phone: 944-2523 |
| Waste Management Demonstration | Bio-Tech Incorporated 16-74 Carlton St. Winnipeg, Man. Phone: 942-8664 |
| MHRC Applied Research | Manitoba Housing & Renewal Corporation 1100-259 Portage Ave. Winnipeg, Man. Phone: 947-1681 |
| Wood Gasification | Manitoba Energy Council Room 14 Legislative Bldg. Winnipeg, Man. Phone: 947-3341 |
| Log Bundling and Booming | Department of Mines, Natural Resources and Environment 800-405 Broadway Avenue Winnipeg, Manitoba Phone: 944-2794 |

NOTE: For further information, contact Tom Carson, Co-Secretary,
Canada/Manitoba Northlands Agreement, 932-405 Broadway,
Winnipeg, Phone: 944-2536

IMPLEMENTING FEDERAL DEPARTMENTS

| | |
|---|---|
| OUTREACH | Canada Employment and Immigration Commission 167 Lombard Ave. Winnipeg, Man. R3B 0T6 Phone: 949-3750/3204 |
| LEAP | CEIC - Job Creation Branch 1200 Portage Ave. Winnipeg, Man. Phone: 949-3144 |
| Indian Professional Development | Department of Indian Affairs Education 1100-275 Portage Ave. Winnipeg, Man. R3B 3A3 Phone: 949-2442 |
| Indian Training for Employment Skills | " |
| Community Infrastructure Support Services | Department of Indian Affairs 1100-275 Portage Ave. Winnipeg, Man. R3B 3A3 Northlands Officer Phone: 949-3228 |
| Community Infrastructure Services /Safe Water Supplies | " |
| /Waste Disposal Facilities | " |
| /Fire Protection/ Prevention | " |
| /Internal Transportation | " |
| /Multi-purpose Facilities | " |

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

