### BIBLIOGRAPHY

### South Victoria Island - Northeast Keewatin District Study Area

EAST HALF

to 1966. Miscellaneous unpublished data, various sources.

Memorandum RM-2707-PR. The Rand Corporation, Santa Monica,

McGill University. 1962. A Report on the Physical Environment of Northern Baffin Island and Adjacent Areas, Northwest Territories, Canada. Research Memorandum Rm 2706-Pr, The Rand Corporation, Santa

McGill University. 1963. A Report on the Physical Environment of the

Quoich River Area, Northwest Territories, Canada. Research Memorandum RM-1997-PR The Rand Corporation. Santa Monica, California.

WILDLIFE

DISTRICT. AIPP REPORT 1978. ESCOM Report No. AI-27. Prepared by the

Environmental- Social Program, Northern Pipelines, Indian and Northern

Alliston, G.W. 1976. A SUMMARY OF RESEARCH ON BIRDS, MARINE MAMMALS

AND MARINE ECOLOGY IN THE DISTRICTS OF FRANKLIN AND KEEWATIN, N.W.T.,

Alliston, W.G., Bradstreet, M.S.W., McLaren, M., Davis, R.A., and

Richardson, W.J. 1976. NUMBERS AND DISTRIBUTION OF BIRDS IN THE

CENTRAL DISTRICT OF FRANKLIN, N.W.T., JUNE - AUGUST, 1975. Prepared

Alliston, W.G., and L.A. Patterson, 1978. A PRELIMINARY STUDY OF

Amundsen, R.E.G. 1908. "THE NORTHWEST PASSAGE": BEING THE RECORD OF

A VOYAGE OF EXPLORATION OF THE SHIP "GJØA" 1903-1907. Translation of:

BARREN-GROUND CARIBOU. Wildlife Management Bulletin Series 1, Numbers

10A and 10B, Canadian Wildlife Service, Ottawa. 79 pp. and 112 pp.

WATERFOWL INVESTIGATIONS AND WILDLIFE SURVEYS OF THE WESTERN ARCTIC

PEREGRINE FALCON POPULATIONS IN THE POLAR GAS AREA, DISTRICTS OF

FRANKLIN AND KEEWATIN. N.W.T. Prepared for Polar Gas Project by

Nordvestpassagen: beretning on Gjoa-ekspeditionen 1903-1907,

Banfield, A.W.F. 1954. PRELIMINARY INVESTIGATION OF THE

Unpublished report, Canadian Wildlife Service, CWS 42-58.

Constable, London. 2 Vols. 335 pp.; 379 pp.

University of Toronto Press, Toronto. 438 pp.

WATERFOWL RECONNAISSANCE IN THE WESTERN ARCTIC.

Stackpole Books, Harrisburg, Pa., U.S.A. 540 pp.

CANADIAN ARCTIC RENEWABLE RESOURCES MAPPING PROJECT.

Boyd, D.H., R.K. Schmidt, W. Hayden, and I.W. Dickson. 1978.

Interdisciplinary Systems Ltd. for Environmental-Social Program,

Northern Pipelines. Indian and Northern Affairs, Ottawa. 238 pp.

THE POPULATION STATUS OF CARIBOU IN THE NORTHWEST TERRITORIES.

Progress Report No. 1, N.W.T. Wildlife Service, Yellowknife, N.W.

THE STATUS OF THREE TUNDRA WINTERING CARIBOU HERDS IN NORTHEASTER

Environmental-Social Program, Northern Pipelines, Dept. of In and

AIPP ESCOM Report No. AI-45. Prepared by the N.W.T. Wildlife Service

Prepared for Canadian Wildlife Service by Renewable Resources

Consulting Services Ltd., Calgary, Alberta. 324pp. and 35 maps.

CRITICAL, SENSITIVE AND UNIQUE WILDLIFE AREAS OF THE OPEN TUNDRA

MAINLAND FOREST-TUNDRA TRANSITION ZONE, AND JAMES BAY POSITION OF

Preliminary draft report (Unpublished). Canadian Wildlife Service

A preliminary report. Vol. I and II. Prepared for Polar Gas Pro by

Boreal Institute for Northern Studies. 1975.

Calef, George W. and Douglas C. Heard. 1980.

Calef, George W. and Douglas C. Heard. 1981.

BAY AND MELVILLE PENINSULA, NORTHWEST TERRITORIES.

AND SOME OF THE CENTRAL ARCTIC ISLANDS.

DUCKS, GEESE AND SWANS OF NORTH AMERICA.

RESOURCE USE IN THE EASTERN ARCTIC.

Arctic Circular 13(4): 51-58.

Bellrose, F.C. 1976.

Calef, George W. 1979.

MAINLAND NORTHWEST TERRITORIES.

Northern Affairs, Ottawa. 22 pp.

Northern Affairs, Ottawa. 26 pp.

CANADIAN WILDLIFE SERVICE. 1972.

ARCTIC ECOLOGY MAP SERIES

NORTHWEST TERRITORIES.

Edmonton, Alberta. 186 pp.

Banfield, A.W.F. 1974.

THE MAMMALS OF CANADA.

for Polar Gas Project by L.G.L. Ltd., Toronto, Ontario. 583 pp. Vol.

Allen, D.L. and T.H. Hogg. 1979. BIRD STUDIES IN THE KEEWATIN

Canadian Wildlife Service, Fisheries and Environment Canada for

Allison, L. 1977. MIGRATORY BIRD SANCTUARIES IN THE NORTHWEST

TERRITORIES. Vols. I, II and III. Manuscript report. Canadian

Wildlife Service, Department of the Environment, Ottawa, 370 pp.

1974 and 1975. Prepared for Polar Gas Project by L.G.L. Ltd.,

Environmental Research Associates, Toronto, Ontario. 90 pp.

Affairs, Ottawa. 129 pp.

## GENERAL REFERENCES

Allen, W.T.R. 1977. Freeze-up, break-up and ice thickness in Canada. Fisheries and Environment Canada. Atmospheric Environment Service Report. CL1-1-77. 185 p.

Project on living resource use in the eastern Arctic. Indian and Northern Affairs. Environmental-Social Program, Northern Pipelines, Ottawa, ESCOM No. A1-2. 238p.

Boyd, D.H. et al. 1978. Possible effects of the Proposed Gas Pipeline

Brown, R.J.E. 1972. Permafrost in the Canadian Arctic Archipelago. National Research Council of Canada. Division of Building Research, Ottawa. Technical Paper No. 379, pp. 103-130.

# Ecology of the Canadian Arctic Archipelago: Selected References 1974-1981. 9 vols. Department of Indian and Northern Affairs.

Fenco Consultants Ltd. and F.F. Slaney & Company Ltd. 1978. An Arctic Atlas: Background information for developing marine oilspill countermeasures. Arctic Marine Oilspill Program Report EPS-9-EC-78-1. Fisheries and Environment Canada, Ottawa. Fenge, T., J.E. Gardner, J. King, B. Wilson, 1979. Land Use Programs

in Canada. Northwest Territories, Environment Canada. 206 p. Freeman, Milton, Research Ltd. 1976. <u>Inuit Land Use and Occupancy Project</u>. 3 Vols. Department of Indian and Northern Affairs, Ottawa. Nettleship, D.N. and Smith, P.A. (eds.) 1975. Ecological Sites in Northern Canada. Canadian Committee for the International Biological

Orders and Regulations of the Northwest Territories, 1979. 3 vols. plus updates. Territorial Printer, Northwest Territories, 1979. Peterson, E.B. 1978. Possible environmental disruptions from an Arctic Islands gas pipeline. Indian and Northern Affairs.

Environmental-Social Program, Northern Pipelines, Ottawa. ESCOM

Programme, Conservation Terrestrial Panel 9, Ottawa. 330 p.

Sefton, J. and Miller, G. 1978. Bibliography of Fisheries and Environment Canada Reports - The Arctic Islands Pipeline route. Environmental-Social Program. Northern Pipelines. Indian and Northern Affairs, Ottawa. ESCOM No. Al-12. 152p.

Tester, F.J. 1978-79. Socio-Economic and Environmental Impacts of the Polar Gas Pipeline - Keewatin District. 2 vols. Indian and Northern Affairs. Environmental-Social Program, Northern Pipelines, Ottawa. ESCOM No. A1-20 & 32.

Tozer, E.T. and R. Thorsteinsson, 1964. Western Queen Elizabeth

Islands, Arctic Archipelago. Geological Survey of Canada, Ottawa.

Memoir 332. 242 p. Usher, P.J. 1965. Economic basis and resource use of the Coppermine - Holman region, N.W.T. Department of Northern Affairs and National

sources, Northern Co-ordination and Research Centre, Ottawa. Zoltai, S.C. and Johnson J.D. 1978. <u>Vegetation-Soil Studies Reference</u>
Sites in Northern Keewatin. Environmental-Social Program, Northern

ipelines. Indian and Northern Affairs, Ottawa. ESCOM No. A1-25.

ECOLOGICAL REFERENCES

Tarnacai, C. and J.A. Netterville. 1976. Biophysical Lar Classification on Boothia Peninsula and Northeast Keewatin, N.W Ecol. Land Classif. Series No. 7: 159 - 171. Lands Directorate

Blackadar, R.G. 1967 Precambrian Geology of Boothia Peninsula Boydell, A.N., K.A. Drabinsky, and J.A. Netterville, 1975(a). Terrain Inventory and Land Classification, Boothia Peninsula and Northe Keewatin. Geol. Surv. Can. Paper 75 - 1, Part A, pp 393 - 395. 

Tarnocai, C., and A.N. Boydell. 1975. Biophysical Study of Boothia Peninsula and Northern Keewatin. Geol. Surv. Can. Paper 75 - 1 Part A, pp 423 - 424. Tarnocai, C., and J.A. Netterville. 1976. Some characteristics of a Pingo in the Simpson Peninsula, N.W.T. Can. J. Earth Sci. 13: 490 -

Tarnocai, C., A.N. Boydell, J.A. Netterville and K.A. Drabinsky. Northeast Keewatin, N.W.T. Geol. Surv. Can. Open File 390.

Craig, B.G. 1963. Surficial Geology of Boothia Pensinsula, an Somerset, King William, and Prince of Wales Islands, District of Keewatin. Geol. Surv. Can. Paper 63 - 44. 10p Fraser, J.K. 1958. Physiographic Regions of Boothia Isthmus, N.W.T. Geogr. Bull. 12: 19 - 37.

Heywood, W.W. et al. 1966. Geology Northeastern District of Keewatin and Southern Melville Peninsula. Geol. Surv. Can. Map 14 - 1956 in Geol. Surv. Can. Paper 66 - 40.

McGill University. 1962. A Report of the Physical Environment o Northern Baffin Island and Adjacent Areas, Northwest Territoricanada. The Rand Corporation. Memorandum R.M. - 2706 - PR. McGill University. 1955. A Report on the Physical Environment of the

Quoich River Area, Northwest Territories, Canada. The Rand Corporation Memorandum RM - 1997. Thomas, R.D., and A.S. Dyke. 1981. <u>Surficial Geology: Darby Lake</u> (56N) District of Keewatin. Geol. Surv. Can. Map 8 - 1981.

District of Keewatin. Geol. Surv. Can. Map 5 - 1981. Polar Gas Environmental Program. 1976. Landscape Survey District of Keewatin, N.W.T. Prepared by R.M. Hardy and Associates Ltd. Vol. 1 Keewatin Section. D.M. Gubbe, Editor. 247 p. and Appendices.

Parks Canada. Regional Analysis of Natural Region No. 16. Unpublished. Ottawa. Dykes, A.S. 1979. Glacial Geology of Northern Boothia Peninsula, <u>District of Franklin</u>. Geol. Surv. Can. Paper 79 - 1B: pp 385 - 39

Archipelago. Nat. Mus. Can. Bull. 146. 2nd Edition.

Northwest Territories, Canada. Nat. Mus. Can. 667p.

Thompson, D.C. 1980. A classification of the vegetation of Boothia Peninsula and the Northern District of Keewatin, N.W.T. Arctic 33(1):

Porsild, A.E. and W.J. Ccdy. 1980. Vascular plants of Continental

Cody, W.J. 1953. A plant collection from the westside of Boothia Isthmus, N.W.T. Canada. Can Field. Nat. 67: 40 - 43.

Canadian Hydrographic Service. 1981. Canadian Tide and Curre

Tables, Vol. 4, Arctic and Hudson Bay. Department of Fisheries and Oceans, Ottawa.

Canadian Hydrographic Service, various dates, Pilot of Arctic Canada.

3 vol. plus hydrographic charts, Department of Fisheries and Oceans,

Fenco and Slaney. 1978. An Arctic Atlas: Background Information for Developing Marine Oilspill Countermeasures. Report EPS-9-EC-78- 1. Environmental Protection Service, Environment Canada. Ottawa.

COASTAL INFORMATION

Keer, J.W., and C.D.S. DeVries. 1977. Structural geology of Somerset Davis, R.A., K. Finley, M. Bradstreet, C. Holdsworth, and M. McLaren. Island and Boothia Peninsula, District of Franklin. Geol. Surv. Can. Paper 77 -lA: Part A: pp. 107 - 111. STUDIES OF THE NUMBERS AND DISTRIBUTION OF BIRDS AND MARINE MAMMALS IN THE CENTRAL CANADIAN ARCTIC - 1974. Veldhuis, H. 1983. Soil Landscapes of NLUIS Project Area 11.

A supplement completing the interim report. Prepared for Polar Gas Preliminary file. Unpublished. Land Resource Research Institute. Project by L.G.L. Ltd., Environmental Research Associates, Agriculture Canada. Toronto, Ontario. 205 pp. VEGETATION Davis, R.A., C. Holdsworth and W.J. Richardson. 1973.

Porsild, A.E. 1964. Illustrated Flora of the Canadian Arctic PRESENT ORNITHOLOGICAL KNOWLEDGE AND SUGGESTED RESEARCH PROGRAMS FOR THE POLAR GAS PIPELINE PROJECT. Vols. 1 and 2. Prepared for Polar Gas Project by LeG.L. Ltd., Zoltai, S.C. and J.D. Johnson. 1978. Vegetation - soil Relationships Environmental Research Associates, Toronto, Ontario. 245 pp. and map in the Keewatin District. Environmental - Social Program, Northern Pipelines. ESCOM Report. No. Al - 25. 95p.

Davis, R.A., M.S.W. Bradstreet, C. Holdsworth,

STUDIES OF BIRDS IN THE CENTRAL CANADIAN ARCTIC - 1974.

M. McLaren and W.J. Richardson. 1974.

L.G.L. Ltd., Toronto, Ontario. 238 pp.

Polunin, N. 1940 - 1948, Botany of the Canadian Eastern Arctic. Part I - III. Nat. Mus. Can. Bull 92, 97, and 104. Degerbol, M. and P. Freuchen, 1935. MAMALS' REPORT FIFTH TULE EXPEDITION 1921-24. Vol. 2, No. 4-5, 278 pp.

> Donaldson, Judith L. 1981 POPULATION AND RECRUITMENT ESTIMATES FOR THE LORILLARD AND WAGER CARIBOU HERDS IN 1977.

AIPP ESCOM report No. AI-43. Prepared by the N.W.T. Wildlife Service for Environmental-Social Program, Northern Pipelines, Inndian and Northern Affairs, Ottawa. 50pp.

OBSERVATIONS ON THE MIGRATION, DISTRIBUTION AND BREEDING OF BIRDS THE CANADIAN ARCTIC DURING 1954 AND 1955. Dansk Ornith. Foren. Tidsskr. Vol. 50: 207-230.

Ellis, D.V. 1957. SOME OBSERVATIONS ON MAMMALS IN THE AREA BETWEEN COPPERMINE AND P INLET, N.W.T., DURING 1954 AND 1955. Canadian Field-Naturalist 71: 1-6

Fenco Consultants Ltd. and F.F. Slaney & Company Ltd. 1978. AN ARCTIC ATLAS: BACKGROUND INFORMATION FOR DEVELOPING MARINE OILSPILL COUNTERMEASURES. Arctic Marine Oilspill Program Report EPS-9-EC-78-1. Prepared fo Environmental Protection Service, Dept. of Fisheries and Environm Edmonton, by Fenco Consultants Ltd., Calgary, and F.F. Slaney & Company Ltd., Calgary.

Fischer, C.A., and E.A. Duncan. 1976. Geographical Branch, Department of Mines and Technical Surveys, 1956 ECOLOGICAL STUDIES OF CARIBOU AND MUSKOXEN IN THE ARCTIC ARCHIPELAGO AND NORTHERN KEEWATIN. McGill University. 1962. A Report of Physiographic Conditions of Prepared by Renewable Resources Consulting Services Ltd. for Polar Eastern Victoria Island, Northwest Territories, Canada. Research Gas Environmental Program. 194 pp.

> Fischer, C.A., D.C. Thompson, R.W. Wooley and P.S. Thompson, 1977 ECOLOGICAL STUDIES OF CARIBOU ON THE BOOTHIA PENINSULA AND IN THE DISTRICT OF KEEWATIN, NORTHWEST TERRITORIES, 1976. Report prepared for Polar Gas Project by Renewable Resources Consulting Services Ltd., Edmonton, Alberta. 239 pp.

Fraser, J.K. 1957. BIRDS OBSERVED IN THE CENTRAL CANADIAN ARCTIC, 1953, 1955, 1956. Canadian Field-Naturalist 7: 192-198.

Freeman, M.M.R. (ed), 1976. INUIT LAND USE AND OCCUPANCY PROJECT. 3 Vols. Volume One: Land use and occupancy, Volume Two: Support studies. Volume Three: Land use atlas. Prepared by Milton Free Res. Ltd. for Indian and Northern Affairs, Ottawa. 287 and 263 p and map volume.

Fyfe, R. 1969. THE PEREGRINE FALCON IN NORTHERN CANADA. In J.J. Hickey, (ed). Peregrine Falcon populations: Their biolog decline. Univ. of Wisconsin Press, Madison, Milwaukee. 596 pp. Chapter 8, p. 101-113.

Gilder, William H. 1881. SCHWATKA'S SEARCH. New York. 316 pp.

Godfrey, W.E. 1966 THE BIRDS OF CANADA. Nat. Mus. Canada Bulletin No. 203. 428 pp.

Harrington, Richard. 1961. HISTORY, DISTRIBUTION AND ECOLOGY OF THE MUSKOXEN. M.Sc. Thesis. McGill University, Dept, Of Geography, Montreal.

Heard, D.C., G.W. Calef and S. Cooper. 1981. L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 112 NUMBERS, DISTRIBUTION AND PRODUCTIVITY OF CARIBOU IN NORTHEASTERN KEEWATIN DISTRICT N.W.T. IN 1976. AIPP ESCOM Report No. Al-39. Prepared by the N.W.T. Wildlife Service for Environmental-Social Program, Northern Pipelines, Indian and Northern Affairs, Ottawa. 27 pp.

> Helmer, A. 1981. AERIAL SURVEY OF MUSKOX ON SOUTHERN BOOTHIA PENINSULA. Manuscript report. N.W.T. Wildlife Service, Yellowknife. 10 pp.

Hoare, W.H.B. 1930. CONSERVING CANADA'S MUSKOXEN Appendix B. Notes on the Musk-ox and the caribou, by R.M. Anderson. Dept. of the Interior, Ottawa. 53 pp.

THE PRESENT STATUS OF THE MUSKOX. American Committee for International Wildlife Protection, Washington. Special Publication No. 5. 87 pp.

In Lib. Dept. Northern Affairs, Ottawa. (Mimeo). 1920. PROCEEDING OF THE ROYAL COMMISSION TO INVESTIGATE THE POSSIBILITIES OF THE REINDEER AND MUSKOX INDUSTRY IN NORTHERN CANADA. Vols. 1-3.

Indiana University Press, Bloomington, Indiana. U.S.A. 575 pp. Prepared for Inuit Tapirisat of Canada. Boreal Institute for Northern Macpherson, Andrew. 1958. Studies, University of Alberta, Edmonton. 232 pp. and map volume. ORNITHOLOGICAL RESEARCH AT PELLY BAY IN THE SUMMER OF 1956.

POSSIBLE EFFECTS OF THE PROPOSED POLAR GAS PIPELINE PROJECT ON LIVING Macpherson, A.H. 1961 OBSERVATIONS ON CANADIAN ARCTIC LARUS GULLS AND ON THE TAXONOMY O L. THAYER BROOKS. Arctic Institute of North America, Montreal, Technical Paper No. AIPP Preliminary Report 1977. ESCOM Report No. AI-02. Prepared by 39 pp.

> THE ORIGIN OF DIVERSITY IN MAMMALS OF THE CANADIAN ARCTIC TUNDRA Systematic Zoology: 153-173.

WATERFOWL OF NORTH AMERICA.

Macpherson, A.H. and T.H. Manning. 1959. THE BIRDS AND MAMMALS JOF ADELAIDE PENINSULA, N.W.T. Nat. Mus. Can. Bull. No. 161. 63 pp.

SUMMARY REPORT ON DATA OBTAINED DURING NORTHERN INSPECTION FLIGHT AIPP ESCOM Report No. AI-44. Prepared by the N.W.T. Wildlife Ser for APRIL 3-22, 1954. Manuscript, Canadian Wildlife Service.

THE RELATIONSHIP OF THE PEARY AND BARREN-GROUND CARIBOU. REPRODUCTIVE SUCCESS OF PEREGRINE FALCONS AND OTHER RAPTORS AT WAGER Arctic Institute of North America Technical Paper No. 4. 52 pp.

for Environmental-Social Program, Northern Pipelines, Dept. of Indian SETTLELMENTS OF THE CENTRAL ARCTIC-KEEWATIN REGION: COMMUNITY PROFILES AND REGIONAL HIERARCHIES. Vols. I and II. report for Polar Gas Project by Underwood McLell and Associates Ltd. 462 pp.

Mclaren, M.A., P.L. Mclaren and W.G. Alliston BIRD POPULATIONS IN THE RASMUSSEN BASIN LOWLANDS' N.W.T., JUNE-Prepared for Polar Gas Project by L.G.L., Environmental Research Associates, Toronto, Ontario.

Mclaren, P.L., R.A, Davis, W.E. Renaud and C. Holdsworth. 1976. STUDIES OF THE MUMBERS AND DISTRIBUTION OF BIRDS IN THE DISTRICT KEEWATIN, N.W.T. JUNE-AUGUST 1975. Prepared for Polar Gas Project by L.G.L. Ltd., Enveronmental Rese Associates, Toronto, Ontario.

McLaren, P.L., M.A. McLaren and L.A. Patterson. 1977. NUMBERS AND DISTRIBUTION OF BIRDS DURING MIGRATION IN THE DISTRIC KEEWATIN, NORTHERN MANITOBA AND NORTHWESTERN ONTARIO, 1976. Prepared for the Polar Gas Project by L.G.L. Ltd., Environmental

M'Clintock, Captain, R.N., LL.D. 1859. THE VOYAGE OF THE FOX IN LTHE ARCTIC SEAS. A NARRATIVE OF THE DISCOVERY OF THE FATE OF SIR JOHN FRANKLIN AND HIS COMPANIONS.

A GUIDE TO THE MAJOR SEABIRD COLONIES OF EASTERN CANADA - IDENTIT DISTRIBUTION AND ABUNDANCE. Seabird Research Unit, Canadian Wildlife Service, Bedford Institu Oceanography, Dartmouth, Nova Scotia. 133 pp.

Nettleship, D.N. and P.A. Smith, (eds). 1975. ECOLOGICAL SITES IN NORTHERN CANADA. Canadian Committee for the International Biological Programme, Conservation Terrestrial - Panel 9. Canadian Wildlife Service, Ottawa. 330 pp.

Nourse, Prof. J. E., U.S.N. 1879. NARRATIVE OF THE SECOND ARCTIC EXPEDITION MADE BY CAHRLES F. HALL VOYAGE TO REPULSE BAY' SLEDGE JOURNEYS TO THE STRAITS OF FURY AND HECLA AND TO KING WILLIAM'S LAND' AND RESIDENCE AMONG THE ESKIMOS DURING THE YEARS 1864-69. Prepared for Polar Gas Project by L.G.1. Ltd.m Environmental Rese Associates, Toronto, Ontario. 166pp.

Patterson, L.A., and W.G. Alliston, 1978. BREEDING BIRD SURBEYS AT SELECTED SITES ON SOUTHERN SOMERSET ISLAND AND BOOTHIA PENINSULA, JULY 1977. Prepared for Ploar Gas Project by L.G.L. Ltd., Environmental Research Associates, Toronto, Ontario. 166 pp.

Peterson, E.B. 1978. POSSIBLE ENVIRONMENTAL DISRUPTIONS FROM AN ARCTIC ISLANDS GAS

AIPP Preliminary Report 1977, ESCOM Rept. No. AI-10, Prepared Western Ecological Services Ltd. for Environmental Social Program. THE STATUS OF THE WOLF IN NORTH AMERICA. International Society for the Protection of Animals. Scientific

PUBLIC INTEREST PART A ENVIRONMENTAL STATEMENT. Chapter 5 Environmental Description. Volume 5, Book 2 of 3. 270pp.

ACROSS ARCTIC AMERICA. NARRATIVE OF THE FIFTH TULE EXPEDITION.

Renewable Resources Consulting Services Ltd. 1974. A STUDY OF LAND MAMMALS IN THE HIGH ARCTIC 1974. A preliminary interim report, prepared for Polar Gas Project by Renewable Resources Consulting Services Ltd.m Edmonton, Alberta.

Renewable resources consulting Services Ltd. 1975. A STUDY OF LAND MAMMALS IN LTHE HIGH ARCTIC 1974. A supplement completing the interim report, prepared for Polar Gas Project by Renewable Resources Consulting Services Ltd., Edmonton, Alberta. 60 pp.

Ross, Sir Hohn, 1835, NARRATIVE OF A SECOND VOYAGE IN SEARCH OF A NORTHWEST PASSAGE. A.W. Webster. London.

Royal Commission, 1922, REPORT OF THE ROYAL COMMISSION TO INVESTIGATE THE POSSIBILITIES OF THE Stirling, I., H. Cleator, and T. Smith. 1981. Marine mammals. REINDEER AND MUSKOX INDUSTRIES IN THE ARCTIC AND SUB-ARCTIC REGION OF Ottawa, Dept. of Interior. 99 pp.

BY THE OFFICERS OF THE HUDSON'S BAY COMPANY DURING THE YEARS 1836-39. Smith, T.G. and D. Taylor. 1977. NOTES ON MARINE MAMMAL, FOX AND POLAR BEAR HARVESTS IN THE NORTHWEST TERRITORIES 1940 TO 1972.

Technical Report No. 694, Fisheries and Marine Service, Dept of

NARRATIVE OF THE DISCOVERIES ON THE NORTH COAST OF AMERICA; EFFECTED

Snyder, L.L. 1957. ARCTIC BIRDS OF CANADA.

University of Toronto Press, Toronto. 310 pp.

Fisheries and Environment. 37 pp.

Simpson, Thomas. 1843.

Taunton, G.F. and R.W. Fenton. 1977. BACKGROUND INFORMATION ON THE RESOURCE HARVESTING ECONOMY IN THE POLAR N.W.T. Cambridge Bay, N.W.T. GAS STUDY REVION, NORTHWEST TERRITORIES, 1976. Prepared for Polar Gas Project by InterGroup Consulting Economists Ltd., Winnipeg, Manitoba. 57 pp.

Tener. J.S. 1958. THE DISTRIBUTION OF MUSKOXEN IN CANADA. J. Mammal. 39: 398-408.

PEREGRINE FALCONS.

Auk 85: 179-191.

MUSKOXEN IN CANADA: A BIOLOGICAL AND TAXONOMIC REVIEW. Canadian Wildlife Service. Queen's Printer, Ottawa. 166 pp.

Usher, P.J. 1965. for Polar Gas Project. 104 p. HISTORICAL STATISTICS APPOXIMATING FUR, FISH AND GAME HARVESTS WITHIN INUIT LANDS OF THE N.W.T. AND YUKON, 1915-1974, WITH TEXT. Nelson, J. (ed). Renewable Resources Project. Vol. 2 Inuit Tapirisat of Canada. Ottawa. 71 pp. and tables.

Villiers, D. 1969. nce Bay Selltement Council and the Polar Gas THE CENTRAL ARCTIC: AN AREA ECONOMIC SURVEY - 1968. A.E.S.R. 68/1. Industrial Division, Northern Administration Bra

Dahlke, L. unpubl. data. Department of Fisheries and Oceans, 501 Dept. of Indian Affairs and Northern Development, Ottawa. 189 p University Crescent, Winnipeg, Manitoba. R3T 2N6. Davis, R.A., K.J. Finley, and W.J. Richardson. 1980. The present DIAGNOSIS AND RELATIONSHIPS OF THE NORTH AMERICAN TUNDRA INHABITING L.G.L. Limited for Science Advisory Board of the Northwest

## MARINE MAMMAL INFORMATION

Anderson, R.M. 1937. Mammals and Birds. pp. 97-122. In: Canada's Western Northland. Canada Department of Mines and Resources. Braham, H.W. 1979. Preliminary report of the 1978 spring bowhead whale research programs results. pp.291-306. In: Report of the International Whaling Commission 29.

Burns, J.J. 1981. Bearded Seal - Erignathus barbatus. pp. 145-170. In: Handbook of Marine Mammals. Academic Press Inc. (London) Ltd. Davis, R.A., K. J. Finley, and W. J. Richardson. 1980. The present status and future management of Arctic marine mammals in Canada. Prepared by L.G.L. Ltd. for Science Advisory Board of Northwest Territories 3: 93 pp.

Distribution atlas of the marine fishes of Arctic Canada, in press 15 manuscript pages, 21 plates of 4 maps each. Fay, F.H. 1981. Walrus - Odobenus rosmarus. pp. 1-24. <u>In</u>: Handbook of Marine mammals. Academic Press Inc. (London) Ltd. Ikkuisiliuq, P., pers. comm. Gjoa Haven, N.W.T., XOE 1J0. Freeman, M. 1976. Inuit Land Use Occupancy Project. Vol. I: Land Inland Waters Directorate. 1982. Surface water data: Yukon and Use and Occupancy. Prepared by Milton Freeman Research Ltd. for Northwest Territories, 1981. Water Survey of Canada, Ottawa. 96 p. Department of Indian and Northern Affairs. 153 pp.

Tacobson, R. pers. comm. P.O. Box 175, Manitouish, Wisconsin, U.S.A. Freeman, M, 1976. Inuit Land Use and Occupancy Project. Vol. III: Land Use Atlas. Prepared by Milton Freeman Research Ltd. for Johnson, L. 1976. Ecology of arctic populations of lake trout Department of Indian and Northern Affairs. 263 pp. (Salvelinus namaycush), lake whitefish (Coregonous clupeaformis), Arctic charr (S. alpinus), and associated species in unexpolited Frost, K.J. and L.F. Lowry. 1981. Ringed, Baikal, and Caspian Seals lakes of the Canadian Northwest Territories. J. Fish. Res. Board Can. -Phoca hispida, Phoco sibirica, and Phoca caspica. pp. 29-55. Handbook of Marine Mammals. Academic Press Inc. (London) Ltd. 33(11): 2459-2488. ohnson, L. 1980. The arctic charr, Salvelinus alpinus, p. 15-98. In E. K. Balon (ed.) Charrs, salmonid fishes of the genus Salvelinus. Dr. W. Junk Publisher, The Hague.

Harrington, C.R. 1966. Extralimital occurrences of walruses in the Canadian Arctic. Journal of Mammalogy 47: 506-513. Harrington, C.R. 1968. Denning habits of the polar bear (Urs maritimus). Canadian Wildlife Service Report Series 5: 506-513. Kemper, J.B. 1980. History of use of narwhal and beluga by Inuit in the Canadian Eastern Arctic including changes in hunting methods and regulations. pp. 481-492. In: Report of International Whaling

Kiliaan, H.P. and I. Stirling. 1978. Observation on overwintering walruses in the eastern Canadian High Arctic. Journal of Mammalogy

Loughrey, A.G. 1959. Preliminary investigation of the Atlantic walrus <u>Odobenus rosmarus rosmarus</u>. Canadian Wildlife Service. Wildlife <u>Management Bulletin 1 (14)</u>: 123 pp. Mansfield, A.W. 1959. The walrus in Canadaian Arctic. Fisheries Research Board of Canada Circular 2: pp. 1-13.

Mansfield, A.W. 1967. Seals of Arctic and Eastern Canada. Fisheries Research Board of Canada. 35 pp. Mansfield, A.W. 1971. Occurrence of the bowhead or Greenland right whale (Balaeana mysticetes) in Canadian Arctic waters. Journal Fisheries Research Board of Canada 28: 1873-1875.

Mansfield, A.W. 1966. The walrus in Canada's Arctic. In: Canadian Geographical Journal 73(3): 88-95. Mansfield, A.W., D.E. Sergeant, and T. G. Smith. 1975a. Marine mammal research in the Canadian Arctic. Fisheries and Marine Service

Monodon monoceros, in eastern Canadian waters. Journal Fisheries arch Board of Canada 32: 1041-1046. McLaren, I.A. 1958. The biology of the ringed seal (Phoca hispida in the eastern Canadian Arctic. Fisheries Research Board of Canada Mitchell, E. 1981. Canada progress report on cetacean research June

Mansfield, A.W., T.G. Smith, and B. Beck. 1975b. The narwhal,

Mitchell E. and R.R. Reeves. 1981. Catch history and cumulative catch estimates of initial population size of cetaceans in the eastern Canadian Arctic. pp. 645 -682. In: Report of the International Whaling Commission 31. Nature Conservancy Council. 1980. A World Review of Cetacea. 390 pp.

1979 - May 1980. pp. 171-179. <u>In:</u> Report of the International

Nelson, J.G. 1975. Canadian Arctic Renewable Resource Mapping Project. Renewable Resources Project. Vol. 2: 238 pp. Read, C.J. and S.E. Stephansson. 1976. Distribution and migration Peet, R. pers. comm. Department of Fisheries and Oceans, 501 routes of marine mammals in the central Arctic region. Fisheries and University Crescent, Winnipeg, Manitoba. R3T 2N6. Northern Pipelines. Indian and Northern Affairs, Ottawa. 33 and pp. Reeves, R.R. 1978. Atlantic walrus (Odobenus rosmarus): a literature survey and status report. Wildlife Research Report 10: 41

Renewable Resources Consulting Ltd. 1972. Arctic Ecology map series and descriptive reports. Prepared for Canadian Wildlfe Service, 324 Porter, G. pers. comm. Department of Public Works, Gjoa Haven, N.W.T. report, Polar Gas Project, Toronto.

> Ross, J.C. 1835. Fish, p. xlvi-liv. In Sir John Ross. Appendix to young Inuit in Gjoa Haven, Northwest Territories. Socio-economic the narrative of a second voyage in search of a Northwest Passage and of a residence in the Arctic regions during the years 1829, 1830, 1832, 1833. A.W. Webster, London. Schindler, D. W., J. Kalff, H. E. Welch, G.J. Brunskill, H. Kling, and N. Kritsch. 1974. Eutrophication in the high Arctic-

Meretta Lake, Cornwallis Island (75°N lat.). J. Fish Res. Board Can. 31(5): 647-662. Scott, W.B., and E.J. Crossman. 1973. Freshwater fishes of Canada. Fish. Res. Board Can. Bull. 184: 195 p.

Sekerak, A.D., and F.F. Graves. 1975. Investigation of aquatic

resources along proposed Polar Gas Pipeline routes north of

Spence Bay, N.W.T. 1974, Vol. 1 and 2. Aquatic Environments Limited for Petro-Canada. Stephansson, S.E., and S.J.M. Kostiuk, 1975. Data on the lake trout, Arctic char, and Arctic cisco from lakes in the Pelly Bay vicinity, Northwest Territories, 1972. Unpubl. Rept. on file with the Department of Fisheries and Oceans, Winnipeg.

Stewart, D.B., and L.M.J. Bernier. 1982. An Aquatic resource survey of the islands bordering Viscount Melville Sound, District of Franklin, Northwest Territories. Lands Directorate of Environment Canada and Northern Environment Directorate of Indian and Northern Affairs Background Report, in press. 102 manuscript

McGowan, D.K. pers. comm. Department of Fisheries and Oceans, 501 pp. 45-58. In: Polynas in the Canadian Arctic Environment, Canadian University Crescent, Winnipeg, Manitoba, R3T 2N6 McGrath, J. unpubl. data on file with the Resource Impact Assessment Section, Department of Fisheries and Oceans, 501 University Crecent, 1977a. Polar bear population ecology - Arctic Islands pipeline route. Nielson, J.G., and J.M. Jensen. 1967. Revision of the arctic cod Stirling, I., and T. Smith. 1977b. Interrelationships of Arctic Ocean genus, Arctogadus (Pisces, Gadidae). Medd om Groenland 184(2): 27 p. Stewart, D.B., and L.M.J. Bernier. 1983. An aquatic resource survey of King William and Victoria islands, District of Franklin, and the northeastern District of Keewatin, Northwest Territories. Lands

> of Indian and Northern Affairs background Report, in prep. Stewart, D.B., and G. MacDonald. 1978. Arctic land use research program 1977: a survey of the fisheries of the central Northwest Territories. Department of Indian and Northern Affairs, Environmental Tiriganeak, M. pers. comm. Gjoa Haven, N.W.T. XOE 1J0. the Northern Shore of America in the Summer of 1838". Jour. Royal

> > NATIVE LAND USE

Wedel, J.H. 1979. Hydrologic investigations along the Arctic islands pipeline route. Can. Dep. Ind. N. Affairs - ESCOM Rep. Al-23: 104 Yaremchuk, G. pers. comm. Department of Fisheries and Oceans, 501

University Crescent, Winnipeg, Manitoba. R3T 2N6.

Ronald, K. and P.J. Healey. 1981. Harp Seal - Phoca groenlandica pp. 55-89. In: Handbook of Marine Mammals. Academic Press Inc.

Scheffer, V.B. 1958. Seals, Sea Lions, and Walruses; A review of

distribution, and population structure of polar bears in the lower central Arctic Islands, N.W.T. Wildlife Service Completion Report

Schweinsburg, R.E., D.J. Furnell, and S.J. Miller. 1981. Abundance,

Smith, T.G. 1973. Censusing and estimating the size of ringed seal

populations. Fisheries Research Board of Canada Technical Report 427:

Smith, T.G. 1980. Polar bear predation of ringed and bearded seals

in the land-fast sea ice habitat. Canadian Journal of Zoology 58

Smith, T.G. 1981. Notes on the bearded seal, <u>Erignathus barbbatus</u>, in the Canadian Arctic. Canadian Technical Report of Fisheries and

seal (Phoca hispida): The birth lair and associated structures. Canadian Journal of Zoology 53 (9): 1297-1305.

Stirling, I., and W.R. Archibald. 1977. Aspects of predation of

Stirling, I., R. E. Schweinsburg, W. Calvert, and H.P.L. Kiliaan.

Fisheries and Environment Canada, Escom Report Al-15: 71 pp.

mammals in the sea ice habitat. pp. 131-136. In: Circumpolar

Bernier, L.M.J. Contracted biologist with Northern Land Use

Information Series, Freshwater Institute, Winnipeg, Manitoba.

Stewart, D.B. Contracted biologist with the Northern Land Use

Information Series, Freshwater Institute, Winnipeg, Manitoba.

PERSONAL COMMUNICATIONS

Kaomayok, D. Wildlife officer with the Wildlife Service, Government

Williams, D. Wildlife officer with the Wildlife Service Government of

FISHERIES REFERENCES

Able, K.W., and D.E. McAllister. 1980. Revision of the snailfishes,

de March, L., B. de March, and W. Eddy. 1977. Limnological, fisheries

Dowler, D. unpubl. data on file with the Department of Fisheries and

Ellis, D.V. 1962. Observations on the distributions and ecology of

Hatfield, C.T., G.R. Peterson, W. Bengeyfield, G.L. Williams,

G.M. Smith, and M. B. Winsby. 1978. Survey of selected living

Melville Island, N.W.T. to Longlac, Ontario, 1977. Hatfield

Consulting Ltd. Report for the Polar Gas Project. 3 Vols.

aquatic resources along the proposed Polar Gas Pipeline route from

Hunter, J.G., S. Leach, D.E. McAllister, M. Steigerwald. 1983.

Jones, G. 1968. Fishing activities, domestic and commercial, in the

Cambridge Bay, Spence Bay, Gjoa Haven, and Pelly Bay areas, unpubl.

Kristofferson, A.H. D. R. Leroux, and J. R. Orr. 1982. A biological

haven-Pelly Bay area of the Northwest Territories, 1979- 1980. Can.

Laird, M, and E. Meerovitch. 1961. Parasites from Northern Canada,

and Franklin Districts. Can. Dept. Ind. N. Affairs - ESCOM Report

1977. Can. Dept. Ind. N. Affairs - ESCOM Report Al-07: 357 p.

Lindsey, C.C. 1964. Problems in zoogeography of the lake trout

Salvelinus namaycush. J. Fish. Res. Board Can. 21(5): 977-994.

MacDonald, G., and D.B. Stewart. 1980. Arctic land use research

Keewatin region of the Northwest Territories. Department of Indian

Northwest Territories fishery regulations. Department of Fisheries

namaycush, p. 205-277. In E. K. Balon (ed.) Charrs, Salmonid fishes

program 1979: A survey of the aquatic resources of the central

Manual of Fisheries Acts and Regulations. 1982. Section 16:

Martin, N.V. and C.H. Olver. 1980. The lake charr, Salvelinus

of the genus Salvelinus. Dr. W. Junk publishers. The Hague.

McAllister, D.E. 1959. The origin and status of the deepwater

sculpin, Myoxocephalus thompson, a near arctic glacial relict.

McPhail, J.D., and C.C. Lindsey. 1970. Freshwater fishes of

Orr, J. pers. comm. Department of Fisheries and Oceans, 501

Poolongiak, A. pers. comm. Gjoa Haven, N.W.T., XOE 1JO.

University Crescent, Winnipeg, Manitoba. R3T 2N6.

McAllister, D.E. 1963. A revision of the smelt family, Osmeridae.

northwestern Canada and Alaska. Fish. Res. Board Can. Bull. 173: 381

Pfaff, J.R. 1937. Fishes. In Report of the 5th Thule Expedition of: Polar Gas preliminary environmental study program 1973.

and Northern Affairs, Environmental Study 17: 111 p.

and Oceans, Ottawa, 55p

Nat. Mus. Can. Bull. 172: 44-65.

Nat. Mus. Can. Bull. 191: 53 p.

1921-1924, 2: 1-19.

Lawrence, M., and S. Davies. 1979. Aquatic resources survey-Keewatin

Lawrence, M., S. Davies, G. Collins, F. Hnytka, K Kroeker, and R. Sie.

1978. Aquatic Resources survey-Keewatin District, preliminary report

I. Entozoa of Fort Chimo Eskimos. Can. J. Zool. 39: 63-67.

assessment of Arctic charr, Salvelinus alpinus (L.), stock in the Gjoa

Konagak, S. pers. comm. Gjoa haven, N.W.T., XOE 1JO.

Man. Rept. Aquat. Sci. 1591: vi 51 p.

report on file with the Department of Fisheries and Oceans, Winnipeg,

and stream zoobenthic studies of Stanwell-Fletcher Lake, Canada.

Dickie, C., pers. comm. Wildlife Officer, Gjoa Haven, N.W.T.,

Can. Dep. Ind. N. Affairs - ESCOM Report Al-04: 84 p.

Oceans, Winnipeg, Manitoba. R3T 2N6.

some Arctic fish. Arctic 15(3): 179-189.

seals by polar bears. Journal Fisheries Research Board of Canada 34:

Smith, T.G., and I. Stirling. 1975. The breeding habit of the ringed

the Pinnipedia. Stanford University Press. 179 pp.

Aquatic Sciences 1042: 49 pp.

Wildlife Service Occassional Paper 45.

Conference on Northern Ecology.

of N.W.T. Cambridge Bay, N.W.T.

Toronto, Ontario, M5S 2C6.

Territories. 93 p.

Manitoba. R3T 2N6.

genus Liparis, from Arctic Canada. Can. Bull. Fish. Aquat. Sci. 108: Agnavigak, A. pers. comm. Shepherd Bay D.E.W. Line Site. Bird, J. 1967. The Physiography of Arctic Canada, with special reference to the area south of Parry Channel. John Hopkins Press. Bain, H, and A.D. Sekerak. 1978. Aspects of the biology of Arctic cod Boreogadus saida, in the central Canadian Arctic L.G.L. Limited

disturbance, 1974-1976.

No. 1, Yellowknife, 30 p.

Freeman, M. (ed.) 1976. Inuit land use and occupancy project. Vols. 1-3. Dept. Indian and N. Affairs, 703 p. Brice-Bennett, C. 1976. Inuit land use in the east-central Canadian Arctic, p. 63-82. In M.M.R. Freeman (ed.) Inuit land use and Smith, T. 1980. How Inuit trapper-hunters make ends meet. Can occupancy project, Vol.1. Department of Indian and Northern Affairs Geogr. 99(3): 56-61. Usher, P. 1976. Evaluating country food in the northern native Crossman, E.J. pers. comm. Curator of Fishes, Royal Ontario Museum, economy. Arctic 29(2): 105-120.

> Beak Consultants Ltd., Montreal Engineering Co. Ltd. 1973. Freshwater resources. Part of: Polar Gas Preliminary environmental Alliston, W. et al. 1976. Numbers and distribution of birds in the central District of Franklin, NWT, June-August 1975. Alliston, W. 1976. A summary of research on birds, marine mammals and marine ecology in the Districts of Franklin and Keewatin, NWT,

> Davis, R. et al. 1974. Studies of the numbers and distribution of birds in the central Canadian Arctic, 1974; a preliminary interim Davis R. et al. 1975. Studies of the numbers and distribution of birds and marine mammals in the central Canadian Arctic 1974; a supplement completing the interim report. Davis, R., W. Koski and K. Finley. 1978. Numbers and distribution of walruses in the central Canadian high Arctic. Fischer, C. and E. Duncan. 1976. Ecological studies of caribou and muskoxen in the Arctic archipelago and northern Keewatin. Fischer, C. et al. 1977. Ecological studies of caribou on the Boothia Peninsula and in the District of Keewatin, N.W.T., 1976 with

Finley, K.R. Davis and W. Richardson. 1974. Preliminary studies of the numbers and distribution of marine mammals in the central Canadian Finley, K. 1976. Studies of the status of marine mammals in the central District of Franklin, N.W.T., June-August 1975. Gubbe, D. 1976. Landscape survey, District of Keewatin, N.W.T. Calef, G. 1979. The population status of caribou in the Northwest Territories. Northwest Territories Wildlife Service Progress Report

observations on the reaction of caribou and muskoxen to aircraft

Calef, G. and A. Helmer. 1981. Population estimate for the Melville Peninsula caribou herd in 1976. Environmental-Social Program Report No. A1-42, Ottawa, 16p. Calef, G. and D. Heard. 1981. The status of three tundra wintering caribou herds in northeastern mainland Northwest Territories. Northwest Territories Wildlife Service File Report No. 18,

Fish, fur and game for the future. 1981. Science Advisory Board of the Northwest Territories Report No. 2, Yellowknife, 28 p. Fish, fur and game in the Northwest Territories. 1980. Science Advisory Board of the Northwest Territories Report No. 2, Yellowknife,

Furnell, D. 1981. Summer polar bear snaring at Wager Bay, Northwest Territories, 1978. Northwest Territories Wildlife Service File Report No. 19, Yellowknife, 33 p. Heard, D. and J. Donaldson. 1981. Distribution and abundance of ringed and bearded seals in Wager Bay, Northwest Territories.

Northwest Territories Wildlife Service File Report No. 12, Heard, D., G. Calef and S. Cooper. 1981. Numbers, distribution and productivity of caribou in Northwest Territories Wildlife Service File Report No. 14, Yellowknife, 27p.

McCart, P. and J. DenBeste. 1979. Aquatic Resources of the Northwest Territories. Science Advisory Board of the Northwest Territories Report, Yellowknife, 55 p. Schweinsburg, R., D. Furnell and S. Miller. 1981. Abundance, distribution and populations structure of polar bears in the lower Central Arctic Islands. Northwest Territories Wildlife Service Completion Report No. 2, Yellowknife, 80 p.

observations around Wager Bay, N.W.T. Northwest Territories Wildlife Service File Report No. 12, Yellowknife, 20 p. Donaldson, J. 1981. Population and recruitment estimates for the Lorillard and caribou herds in 1977. Northwest Territories Wildlife Service File Report No. 13, Yellowknife, 50 p. McLaren, P. et al. 1976. Studies of the numbers and distribution of birds in the District of Keewatin, N.W.T., June-August 1975. McLaren, P., M. McLaren and L. Patterson. 1977. Numbers and distribution of birds during migration in the District of Keewatin,

Pluritec Consultants and Montreal Engineering. 1973. Physical

Donaldson, J., D. Heard and G. Calef. 1981. Summer polar bear

environmental study program 1973. Renewable Resources Consulting and Montreal Engineering. 1973. Preliminary land mammal study. Part of: Polar Gas preliminary environmental study program 1973.

characteristics section. Part of: Polar Gas preliminary

northern Manitoba and northwestern Ontario, 1976.

Pootogoo, B. pers, comm. Hunters and Trappers Association, Gjoa Haven Freyman, A. and I. Wilson. 1977. Mineral exploration and development in the central Arctic-Keewatin region; recent trends and future situations with and without the Polar Gas Project. Socio- economic

Hobart, C. 1978. Work aspirations and physical mobility interests of report Polar Gas Project, Toronto. Mayne, R. and G. Govier. 1977. Settlements of the central Arctic-

Keewatin region: community profiles and regional hierarchies. Socio-economic report, Polar Gas Project. Toronto. Merrett, J. 1977. State-of-the art review of experience in assessing the socio-economic effects of northern pipeline projects as of mid-1976. Socio-economic report, Polar Gas Project. Toronto. Taunton, G. and R. Fenton. 1977. Labour force, employment and income information for the Polar Gas study region, Northwest Territories, 1976. Socio-economic report, Polar Gas Project. Toronto. Taunton, G. and R. Fenton. 1977. Background information on the resource harvesting economy in the Polar Gas study region, Northwest Territories, 1976. Socio-economic report, Polar Gas Project. Williamson, R. 1977. The Boothia Peninsula people: social

## HISTORICAL INFORMATION

organization in Spence Bay N.W.T. Socio-economic report, Polar Gas

Amundsen, Roald, 1908. The North West Passage. Archibald and Constable, London. 2 vols. Back, George, 1836. Narrative of the Arctic Land Expedition to the Mouth of the Great Fish River..... John Murray, London. Burwash, L.T., 1929. "Across Arctic Canada, 1925-6". Geog. Journal, vol. 74, pp. 553-568. 1930. "The Franklin Search". Can. Geog. Journal, vol. 1, no. 7, Collinson, Sir Richard, 1889. <u>Journal of H.M.S.</u> Enterprise, on the Expedition in Search of Sir John Franklin's Ships by Behring Strait, 1850-1855. Low, Marston, Searle and Rivington, London. Directorate of Environment Canada and Northern Environment Directorate Cooke, Alan and Clive Holland, 1978.

Canada. 500 to 1920. A Chronology.

The Exploration of Northern The Arctic History Press, Dease, P.W. and T. Simpson, 1839. "An Account of Arctic Discovery on

> Geog. Soc., vol 9, pp. 325-30. 1840. "Narrative of the Progress of Arctic Discovery on the Northern Shore of America, in the Summer of 1839." <u>Jour. Royal Geog. Soc.</u>, vol. 10, pp. 268-74. Dunbar, Moira and Keith R. Greenaway, 1956. Arctic Canada From the Air. Defense Research Board, Ottawa. Fleming, Archibald Lang, 1957. Archibald the Arctic. Hodder and

Stoughton, London. Great Britain. Parliament. 1852a. Arctic Expeditions. April 6, 1852b. Arctic Expeditions. Further Correspondence and Proceedings
Connected with the Arctic Expeditions. Eyre and Spottiswoodie,

1855. Further Papers Relative to the Recent Arctic Expeditons in Search of Sir J. Franklin ... January 1855. Eyre and Spottiswoodie, 1856. Further Papers Relative to the Recent Arctic Expeditions in Search of Sir J. Franklin and the crews of Her Majesty's Ships "Erebus" and "Terror". Harrison and Sons, London.

Hudson's Bay Company Archives. Public Archives of Manitoba. A.74/43;

B. 394/a/a, B. 396/a/1-2, B. 427/a/1-3; D.FTR/15, D.FTR/19, D.FTR/24. King, Richard, 1836. Narrative of a journey to the Shores of the Arctic Ocean in 1833, 1834 and 1835. Richard Bentley, London. Vol. Larsen, H.A., 1945. "Our Return Voyage Through the North-west Passage." <u>RCMP Quarterly</u>, vol. 10, no. 4, pp. 298-331.

1947. "The Conquest of the North West Passage: The Arctic Voyages of the St. Roch, 1940-44." The Geographical Journal, vol. 105, nos. 1-3, pp. 1-16. MacInnes, Tom (ed.), 1932. Klengenberg of the Arctic. Jonathan Cape, M'Cintock, F.L., 1860. A Narrative of the Discovery of the Fate of Sir John Franklin and Companions. Ticknor and Fields, Boston. Mathiassen, Therkel, 1945. Report of the Fifth Thule Expedition

921-24. Vol. 1, no. 1, Nourse, J.E., 1879. Narrative of the Second Arctic Expedition Made by

Charles F. Hall; His Voyage to Repulse Bay, Sledge Journeys ...
Government Printing Office, Washington. Public Archives of Canada. Record Group 85. Vol. 776 File 5657, 5658; Vol. 777 File 5683, 5688; Vol. 779 File 5765, pt. 1; Vol. 780 File 5765, pt. 2, 5803, 5820. Rae, John, 1850. Narrative of an Expedition to the Shores of the Arctic Sea. T.W. Boone, London.

Ross, Sir John, 1835. Narrative of a Second Voyage in Search of a Royal Canadian Mounted Police. 1945. Report and Other Papers
Relating to the Two Voyages of the R.C.M.P. Schooner, St. Roch,

Simpson, Thomas, 1843. Narrative of the discoveries of the north coast of America. Richard Bentley, London. Stackpole, E.A. (ed), 1965. The Long Arctic Search: The Narrative of Lt. F. Schwatka. Marine Hist. Assoc., Mystic. Stefenson, V. 1913. My Life With the Eskimos. MacMillan, New York. Usher, Peter, 1971. Fur Trade Posts of the Northwest Territories
1870-1970. NSRG, Dept. of Indian Affairs and Northern Development,

Nourse, J.E., 1879. Marrative of the Second Arctic Expedition Made by Charles F. Hall; His Voyage to Repulse Bay, Sledge Journeys ...
Government Printing Office, Washington. Public Archives of Canada. Record Group 85. Vol. 776 File 5657, 5658; Vol. 777 File 5683, 5688; Vol. 779 File 5765, pt. 1; Vol. 780 File 5765, pt. 2, 5803, 5820. Rae, John, 1850. Narrative of an Expedition to the Shores of the

Ross, Sir John, 1835. Narrative of a Second Voyage in Search of a

Arctic Sea. T.W. Boone, London.

coast of America. - Richard Bentley, London.

Royal Canadian Mounted Police. 1945. Report and Other Papers
Relating to the Two Voyages of the R.C.M.P. Schooner, St. Roch,
Through the Northwest Passage. Ottawa. Simpson, Thomas, 1843. Narrative of the discoveries of the north

Stackpole, E.A. (ed), 1965. The Long Arctic Search: The Narrative of Lt. F. Schwatka. Marine Hist. Assoc., Mystic. Stefenson, V. 1913. My Life With the Eskimos. MacMillan, New York. Usher, Peter, 1971. Fur Trade Posts of the Northwest Territories 1870-1970. NSRG, Dept. of Indian Affairs and Northern Development

CONTEMPORARY BEACH COMPLEX - High energy depositional environments which are usually extensive. Spits, bars, lagoons, former beach ridges and storm beaches all common, as are gravel forelands and raised beaches inland. Coarse sands and gravels are typical RAISED BEACH SEQUENCE - Series of beach ridges occurring on slopes steeper than 5° to 10° extending up to 2 km inland. Surface materials are gravel. Narrow comtemporary beaches of low energy are ubiquitous. Wider beaches are classed as Bc, and strandlines on generally level plains are classed as Pg. CLIFFS WITH NO TALUS. Precipitous rock slopes, that range from 65 to vertical or overhanging. The cliff face may include prominent rock ledges. This class has no beach and occurence is CLIFFS WITH LESS THAN ONE THIRD TALUS COVER. As class Ca, but with up to one-third of the height covered by talus, free-fallen from precipitous rock above. The talus may be of valuable thickness, including only blankets and/or veneers on bedrock. Narrow (1-3 m) coarse gravel or boulder beaches are common. CLIFFS WITH ONE THIRD TO TWO THIRDS TALUS COVER As class Cb, with CLIFFS WITH MORE THAN TWO-THIRDS TALUS. As class Cc, but mostly talus covered. As talus attains complete cover, this class grades into Hc. GLACIERS - glacier ice which reaches the sea and results in calving. Unit includes associated lateral moraines and bluffs of till with small gravel beaches. Classes Cb, Cc and Cd are normally found juxtaposed. Where the ice has retreated to leave a gravel map unit plain, class Pg or Ps takes precedence. BLUFFS - ERODING HILLS. Steep slopes over 10m high of unconsolidated materials, generally free of talus, resulting from past or present erosion at the base. Gullies and a narrow beach at low tide are common. COLLUVIAL HILLSLOPES. Smooth sloping colluvium, typically undergoing sheet wash or solifluction extending to narrow gravel beaches. This class occurs mostly in sheltered waters; exposure to significant wave action would quickly erode these materials and create beach or foreland conditions. This class grades into Cd with ROCKY HILLS. Mainly bedrock controlled slopes, over 5-10 which extend from over 10m elevation. Pockets of colluvium small pocket beaches, and sections of precipitous rock slopes are common. Stretches of narrow, coarse textured beaches may extend along the shoreline. Islands and reefs are common offshore. SLUMPS, Steep over 10 m. high slopes of unconsolidated, or weakly consolidated materials, which display rotational or planar slumping. Bowl scars, mud flows, gullies and narrow tidal beaches are common. ERODED PLAINS - CUTBANKS. Coastal plains of unconsolidated, cohesive materials such as clay - till or lacustine sediments which 10000 are eroded at the shoreline to produce low bluff backshores and typically narrow beaches. Similar coasts in bedrock are classified ROCKY PLAINS WITH LOW CLIFFS. These normally occur as low rock forelands in front of rocky hills or high cliffs with talus. These rock forelands range in width from 10's of metres to 1-2 km and are typically less than 10 m high. Near vertical cliffs at the seaward end are common. Beaches of any king are rare. FLUVIAL PLAINS - SANDFLATS - Extensive deposits (up to 100 km) of unconsolidated alluvial sand and/or silt resulting from rapid terrestrial erosion inland, and coinciding with wave and current free nearshore conditions; microrelief features such as channels and beach ridges are quickly obliterated by wind action. Shorelines may be marked by push ridges, but it is also common to find no beach forms whatever, just a smooth progression from land to sea RREGULAR PLAIN (formerly till plain, Pt). Similar to Pi in broad relief - plains of less than 10 m elevation near the coast and slopes typically less than 5 to 10, coupled with limited beach development and shallows nearshore. Medium to coarse sediments and irregular terrain prevail, such as related to morainal plains or strandlines. Strandlines on progressively inclined surfaces are classified as Br. INCLINED PLAIN: Plains of less than 10 m elevation near the coast and slopes typically less than 5-10°, coupled with limited beach development and shallows nearshore. Fine to medium textured materials and smooth terrain prevail, such as related to emergent marine deposits or pediments. Local drainage is typically parallel and perpendicular to the coast. ORGANIC PLAINS. A very low, often featureless plain or fringe of \*\*\*\* organic materials, usually associated with very sheltered waters. Shores are low banks of organic accumulations or progressive W WWW W intermixing of open water and emergent vegetation. Usually recorded as the minor component in a shoreline rating. ROCKY PLAINS. Rocky slopes of low elevation usually less than 10 m and slopes generally less than 5-10°. Patchy colluvial or moraine veneer and pocket beaches and fans and intermittent to scattered narrow gravel beaches occur. Islands, reefs and shoals are common offshore. PLAINS WITH STEEP BACKSHORE (other than rock controlled) Forelands or plains consisting of unconsolidated sediments, usually as raised fans or raised marine platforms covered by beach deposits past or present. The plain changes abruptly to a steep backshore storm beach oreland usually 20-35 with a narrow contemporary beach. foreland RIVER MOUTH AND FLUVIAL COMPLEXES - includes features associated with river mouths: fans, deltas, estuaries, tidal flats marshes, baymouth bars, spits, etc. Smaller fans grade into Ps where 10 isostatic rebound exceeds the stream's debris supply, causing the fan to be raised and the stream to incise.

COASTAL CLASSIFICATION

NLUIS AREA 11 South Victoria Island - Northeast Keewatin

CLASS AND DESCRIPTION

DIAGRAMS

Cu | UNDIFFERENTIATED CLIFFS, HILLS or PLAINS. In cases where imagery is poor and no field checks were made, it may be impossible to determine

the sub-class.