

Collection of Northern Photographs, 1952-1992

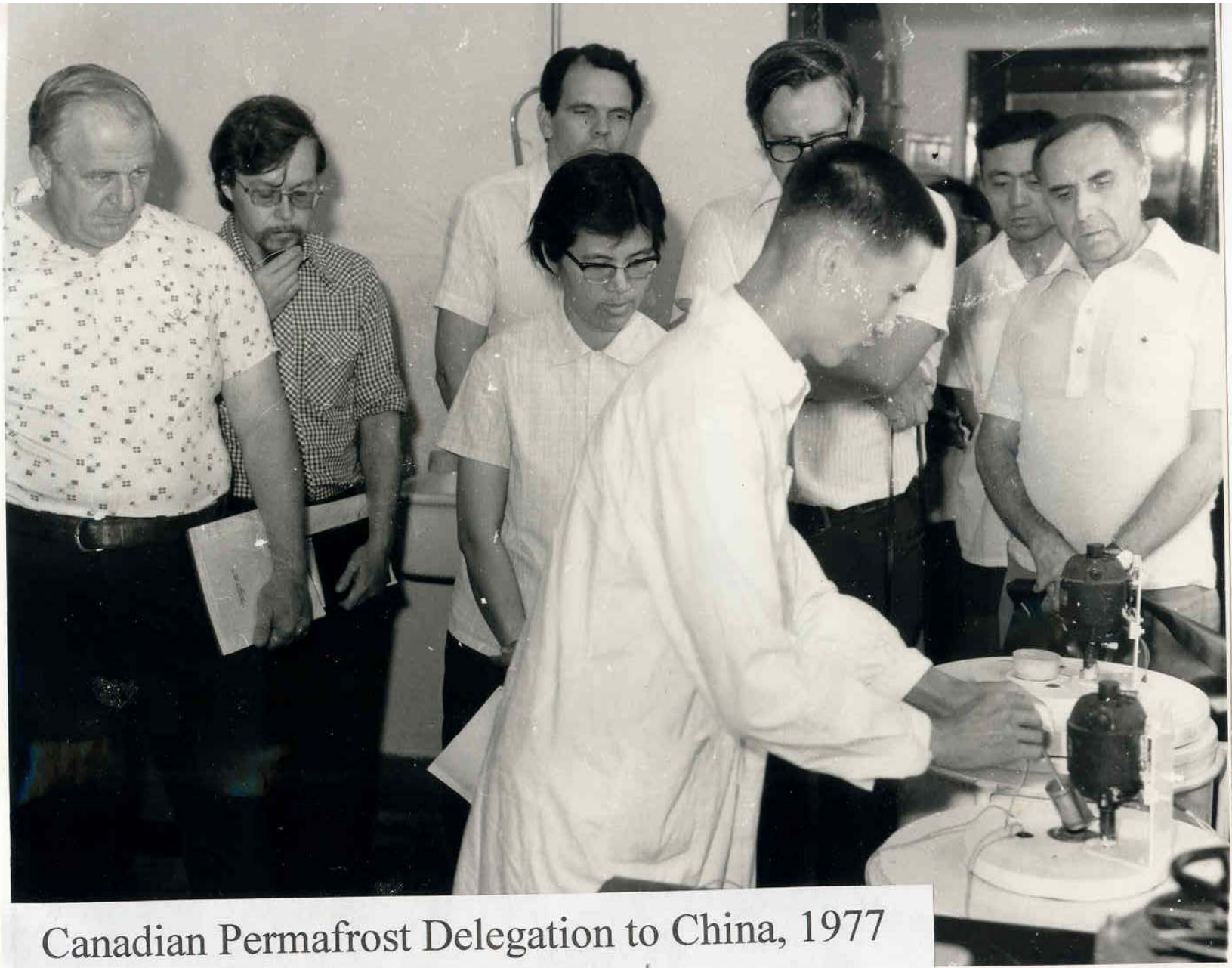
The following photographs show early geotechnical activities in Northern Canada over a period of 40 years from 1952 to 1992. They come from the private collection of Dr. Branko Ladanyi, Ecole Polytechnique, Montreal. The photographs in this collection were shown by Professor Ladanyi during the 53rd Canadian Geotechnical Conference in Montreal in 2000.

The accompanying file has been bookmarked for convenient access.

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Canadian Permafrost Delegation to China, 1977



Canadian Permafrost Delegation to China, 1977



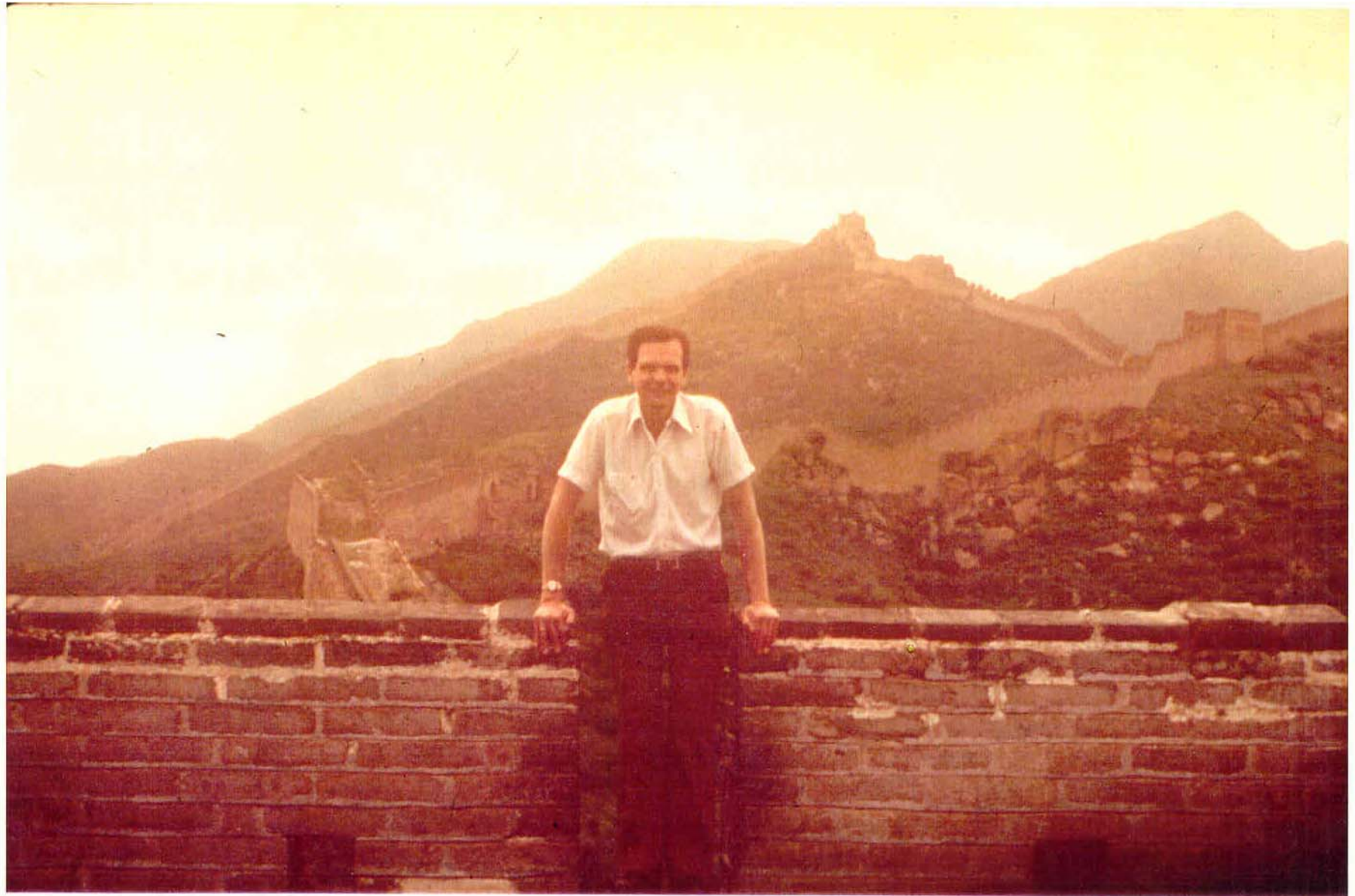
Canadian Permafrost Delegation to China, 1977

Canadian Permafrost Delegation to China, 1977

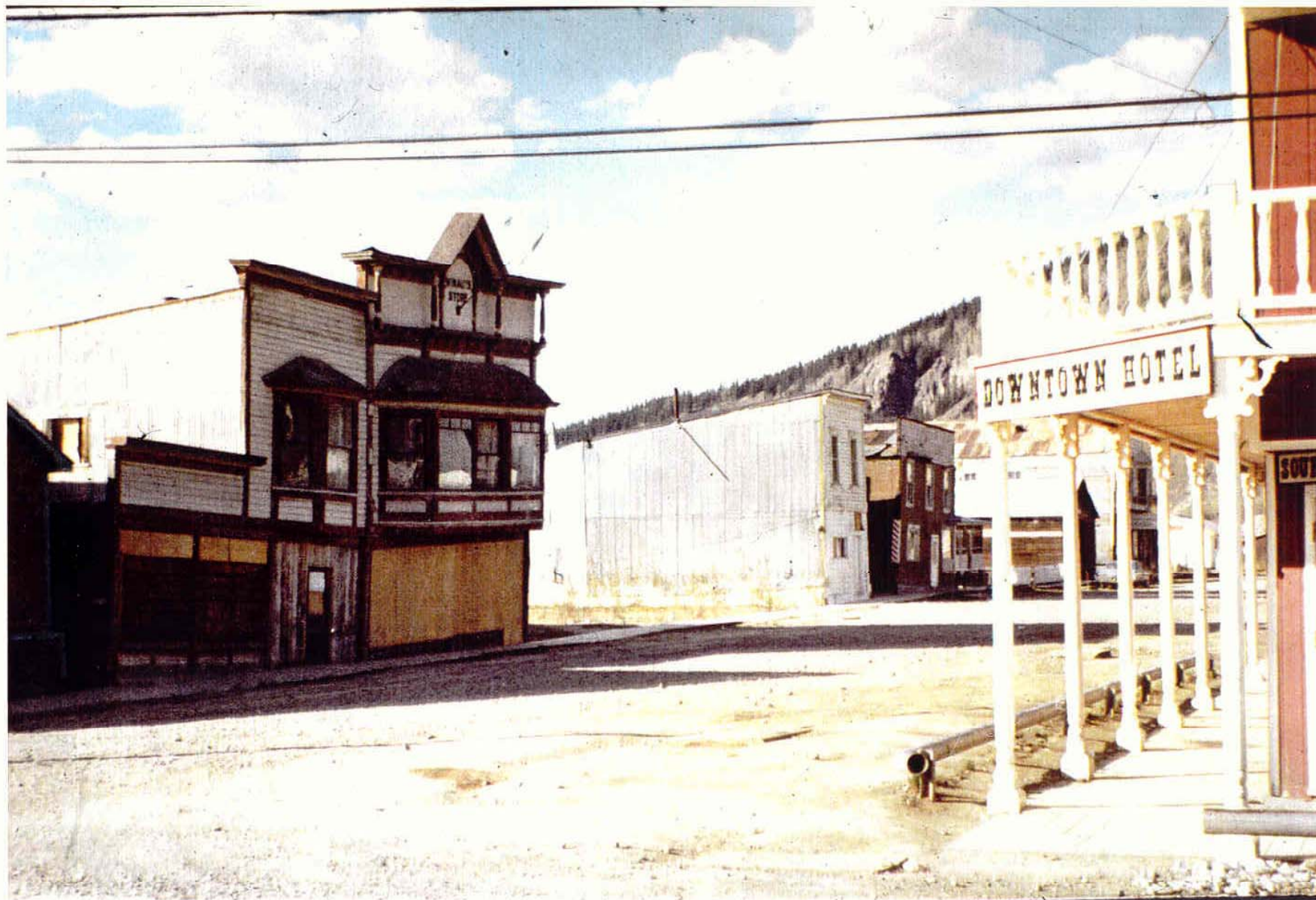




Roger Brown in Lanzhou, China, 1977.



Roger Brown on the Great Wall of China, 1977.



Dawson City, Yukon, 1974.
Old houses (Ladanyi)



Dawson City, Yukon, 1974.
Old houses (Ladanyi)



Dawson City, Yukon, 1974.
Old houses (Ladanyi)



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Dawson City, Yukon, 1974.
Old houses (Ladanvi)



Dawson City, Yukon, 1974.
Old houses (Ladanyi)



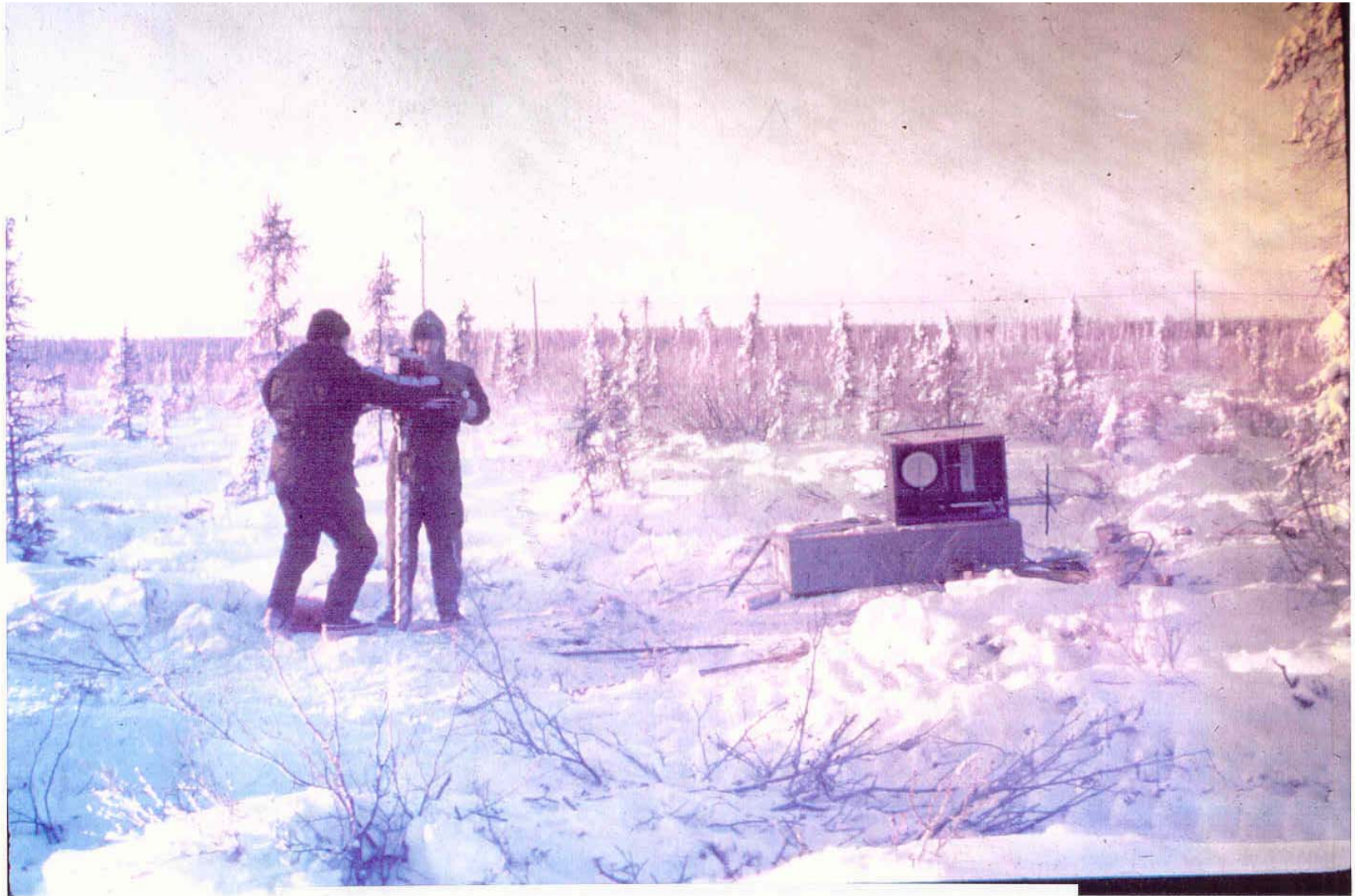
Dawson City, Yukon, 1974.
New houses



Sea ice testing at Igloolik, NWT, 1978.
(Ladanyi, Murat, Saint-Pierre, Gauvin)



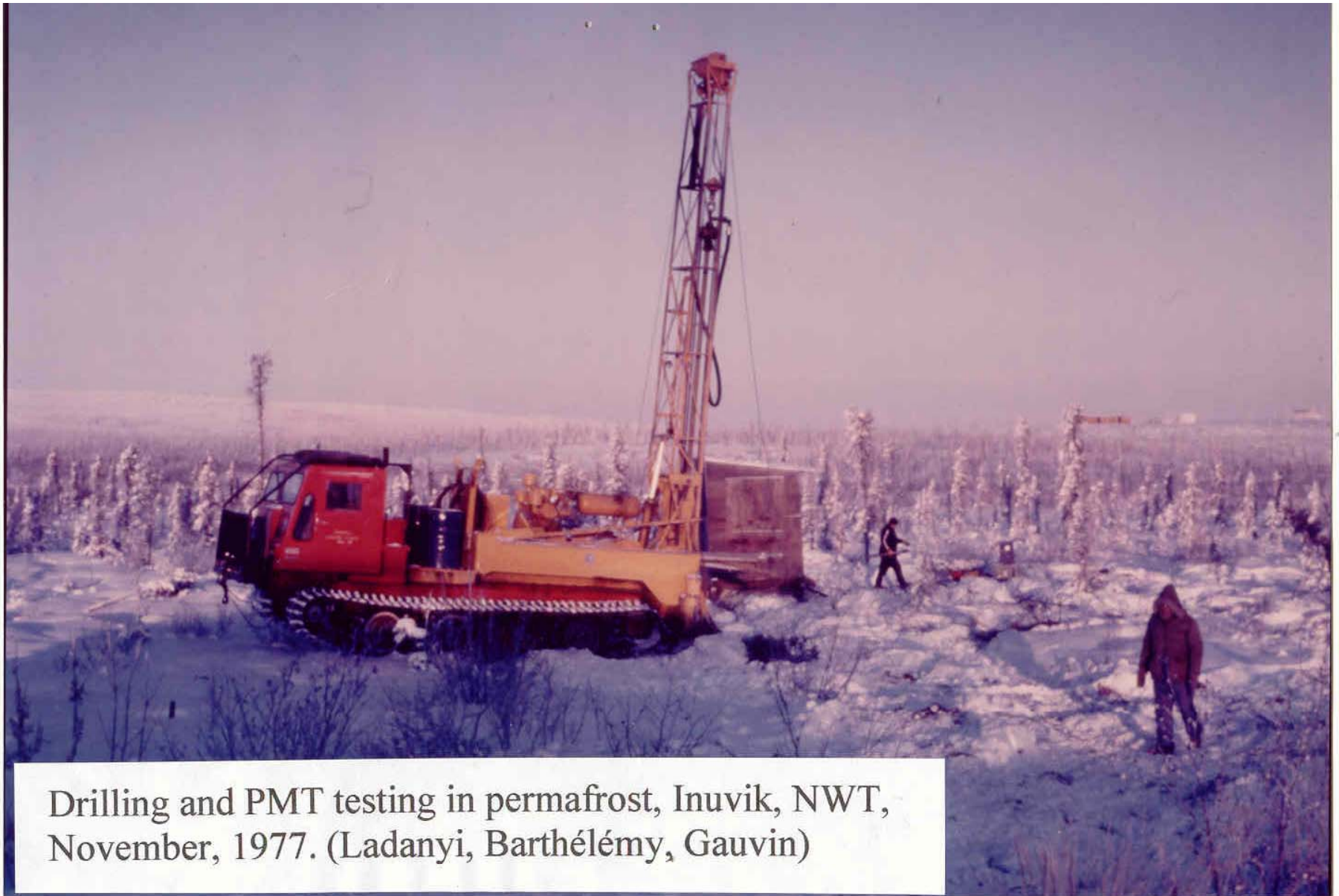
Inuvik, 1959



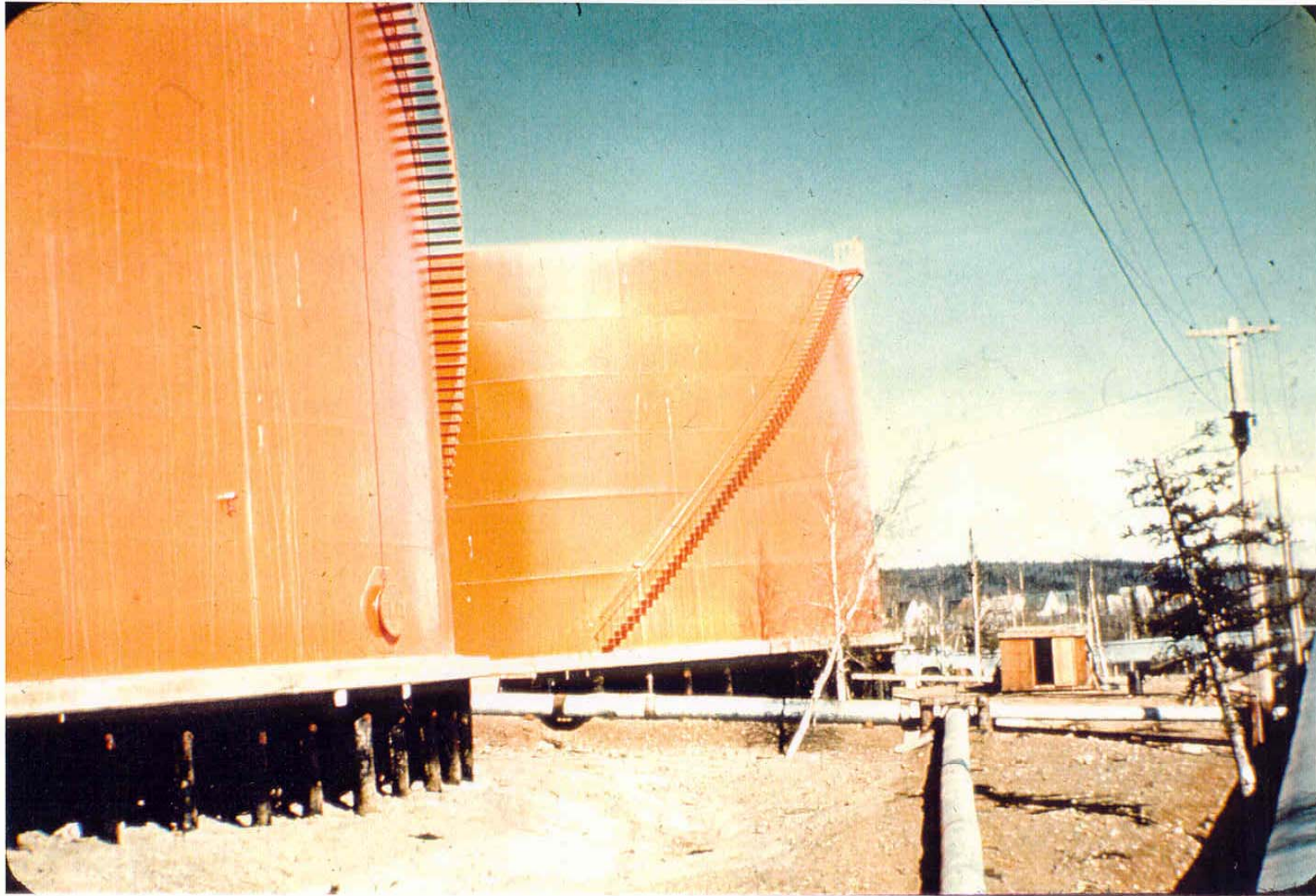
Inuvik, NWT, Nov. 1977.
PMT in permafrost (Ladanyi, Barthélémy)



Inuvik, NWT, Nov. 1977.
PMT in permafrost (Ladanyi, Barthélémy)



Drilling and PMT testing in permafrost, Inuvik, NWT, November, 1977. (Ladanyi, Barthélémy, Gauvin)



Inuvik, NWT, 1978.
Oil tank (Ladanyi)



Inuvik, NWT, 1978.
Houses (Ladanyi)



Inuvik, NWT, 1978.
Oil tank (Ladanyi)



Inuvik, NWT, 1978.
Oil tank



Inuvik, NWT, 1978.
Houses (Ladanyi)



Inuvik, NWT, 1978.
Houses (Ladanyi)



Iqaluit, NWT.
"Permafrost Foundations"



Iqaluit, NWT.
"Permafrost Foundations"



Iqaluit, NWT.
"Permafrost Foundations"



Kangiqsualujuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



Kangiqsualujjuak, Nunavik, QC, 1992.



Kangiqsualujuak, Nunavik, QC, 1992.
CPT in permafrost (Richard Fortier)



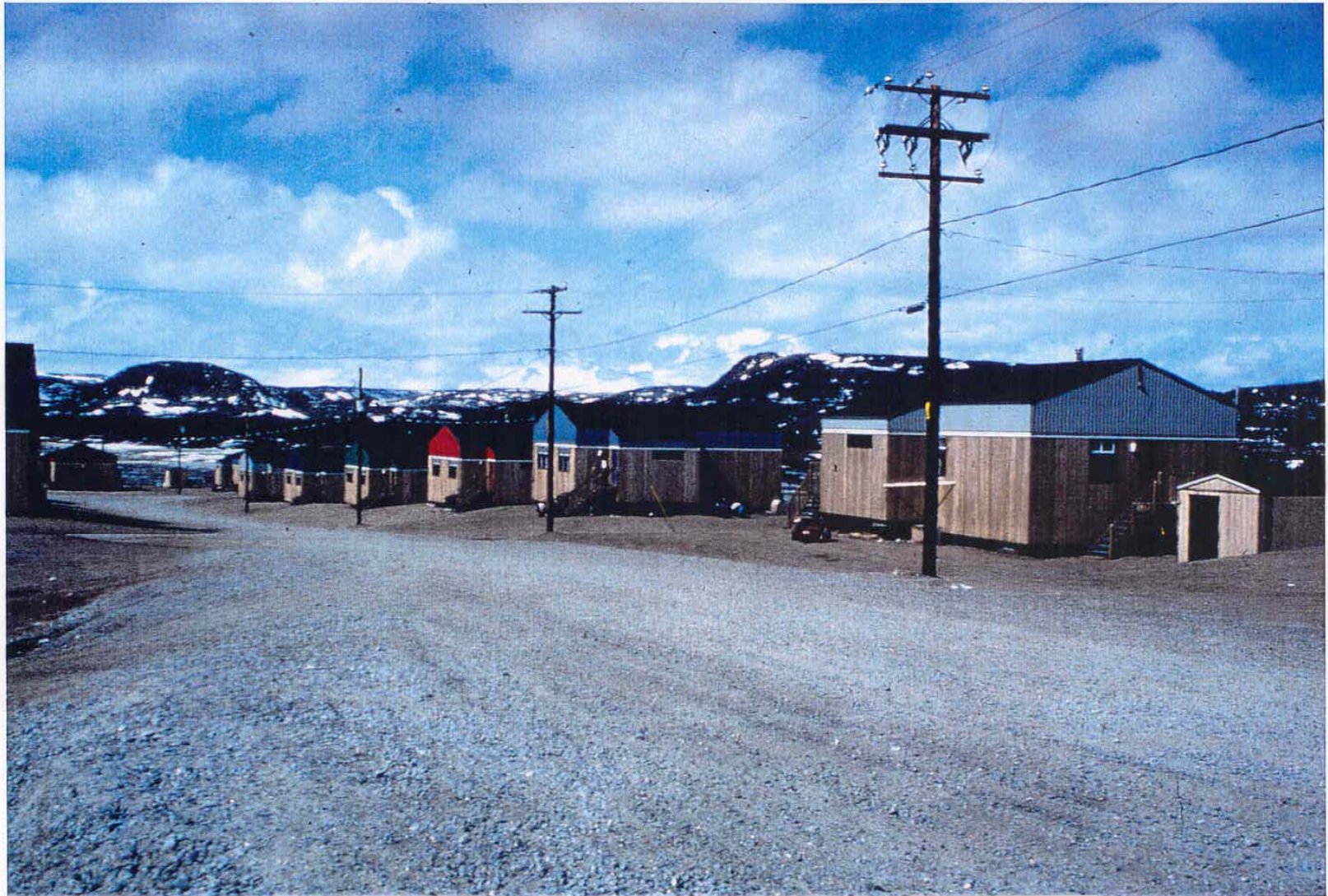
Kangiqualujjuak, Nunavik, QC, 1992.
CPT in permafrost (Richard Fortier)



Kangiqualujjuak, Nunavik, QC, 1992.
Houses.



Kangiqsualujjuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



Kangiqsualujjuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



Kangiqsualujjuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



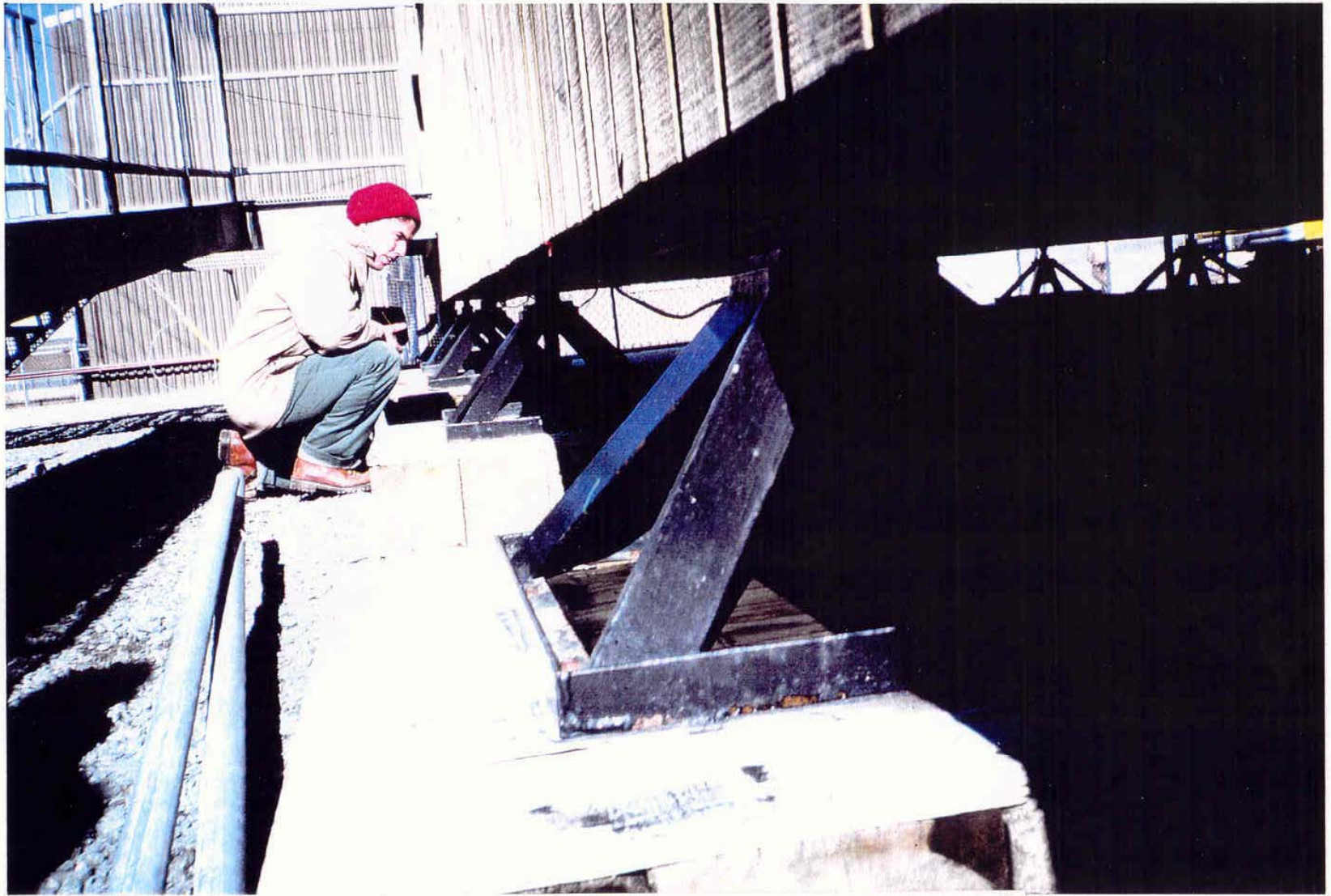
Kangiqsualujjuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



Kangiqsualujjuak, Nunavik, QC, 1992.
Houses (Fortier, Ladanyi)



Kangirsuk, Nunavik, QC, 1988.
Airport (Ladanyi)



Kangirsuk, Nunavik, QC, 1988.
Airport (Ladanyi)



Kangirsuk, Nunavik, QC, 1988.
Airport (Ladanyi)



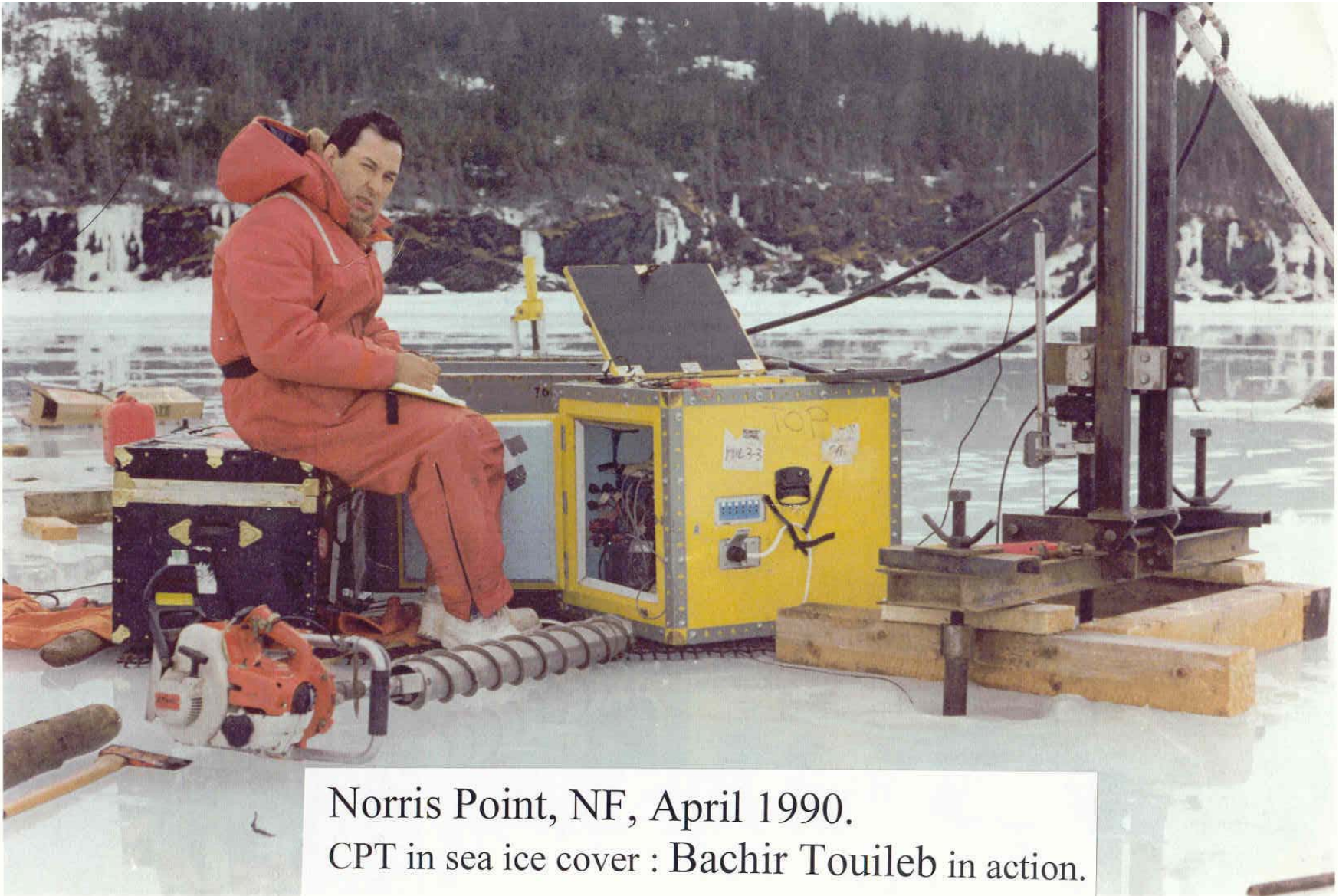
Norris Point, NF, April 1990.

LADANYI, Norris Point, NF,
1990. CPT in Sea Ice.





Norris Point, NF, April 1990.
CPT in sea ice cover (Ladanyi, Touileb, Ducharme)



Norris Point, NF, April 1990.
CPT in sea ice cover : Bachir Touileb in action.

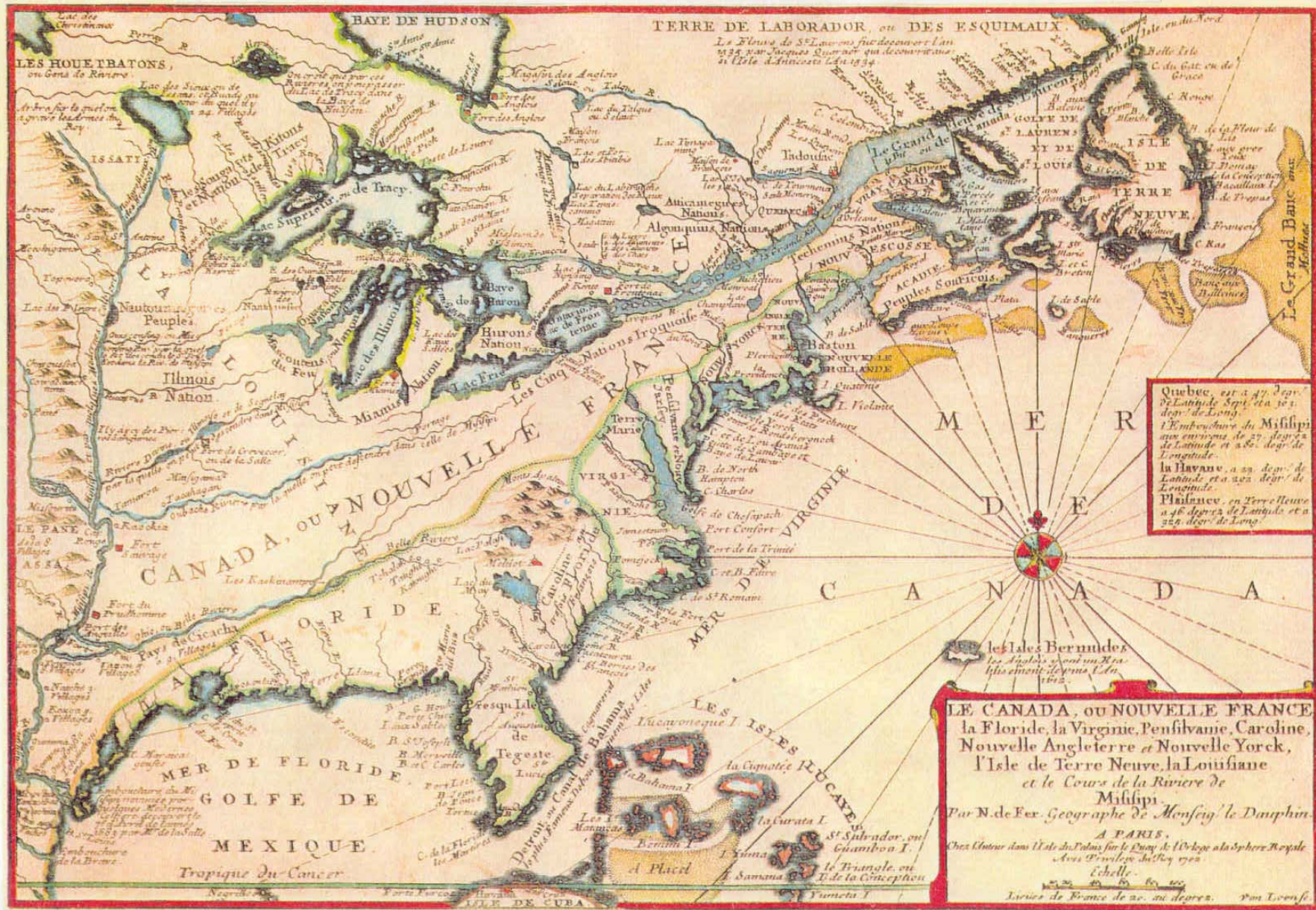


Norris Point, NF, April 1990.
CPT in sea ice cover : Bachir Touileb in action.



Norris Point, NF, April 1990.
CPT in sea ice cover (Ladanyi, Touileb, Ducharme)

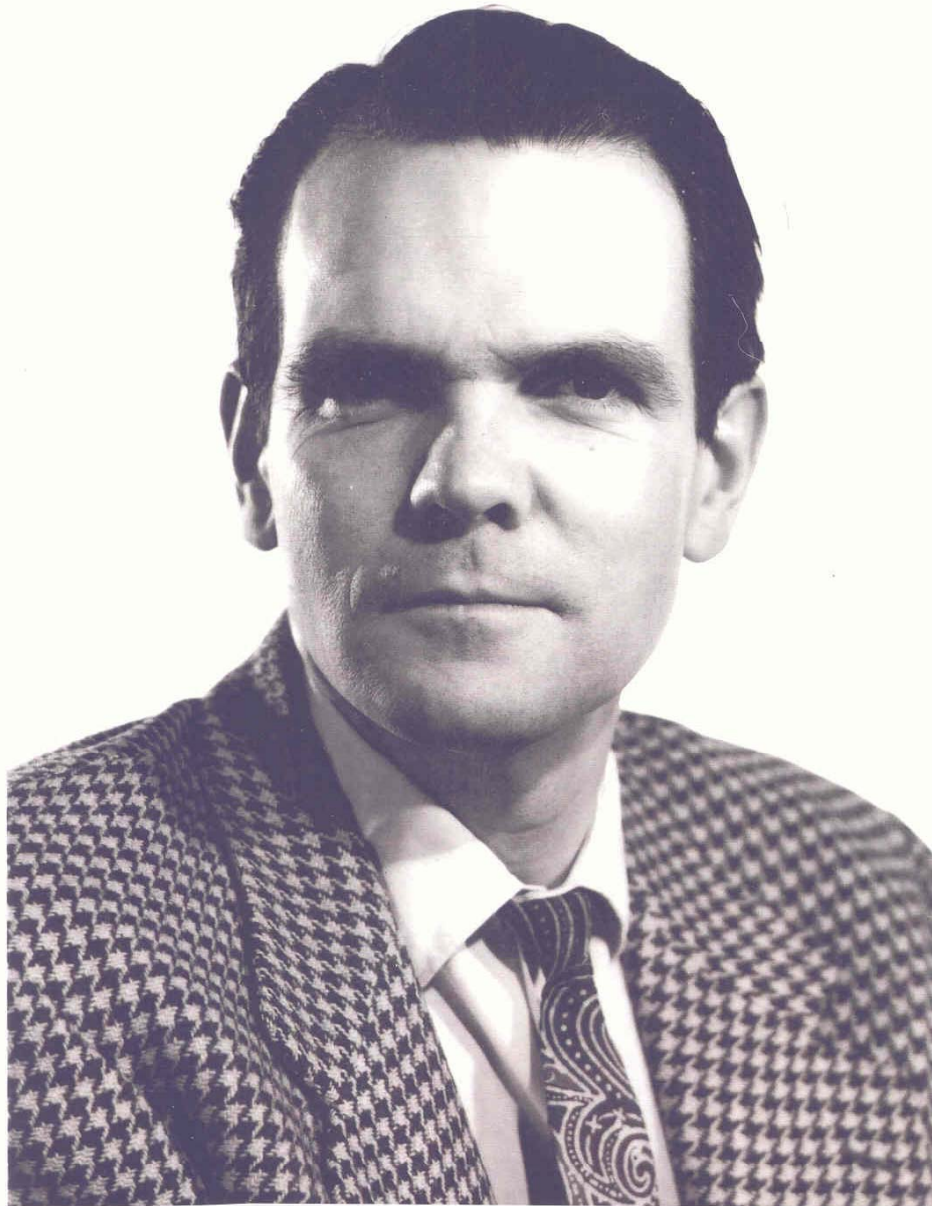
A Map of the New World, drawn in 1702 by Nicolas de Fer (1646-1720) and engraved by H. Van Loon. The map is part of the "Atlas Royal", commissioned by the Dauphin Louis, son of Louis XIV.





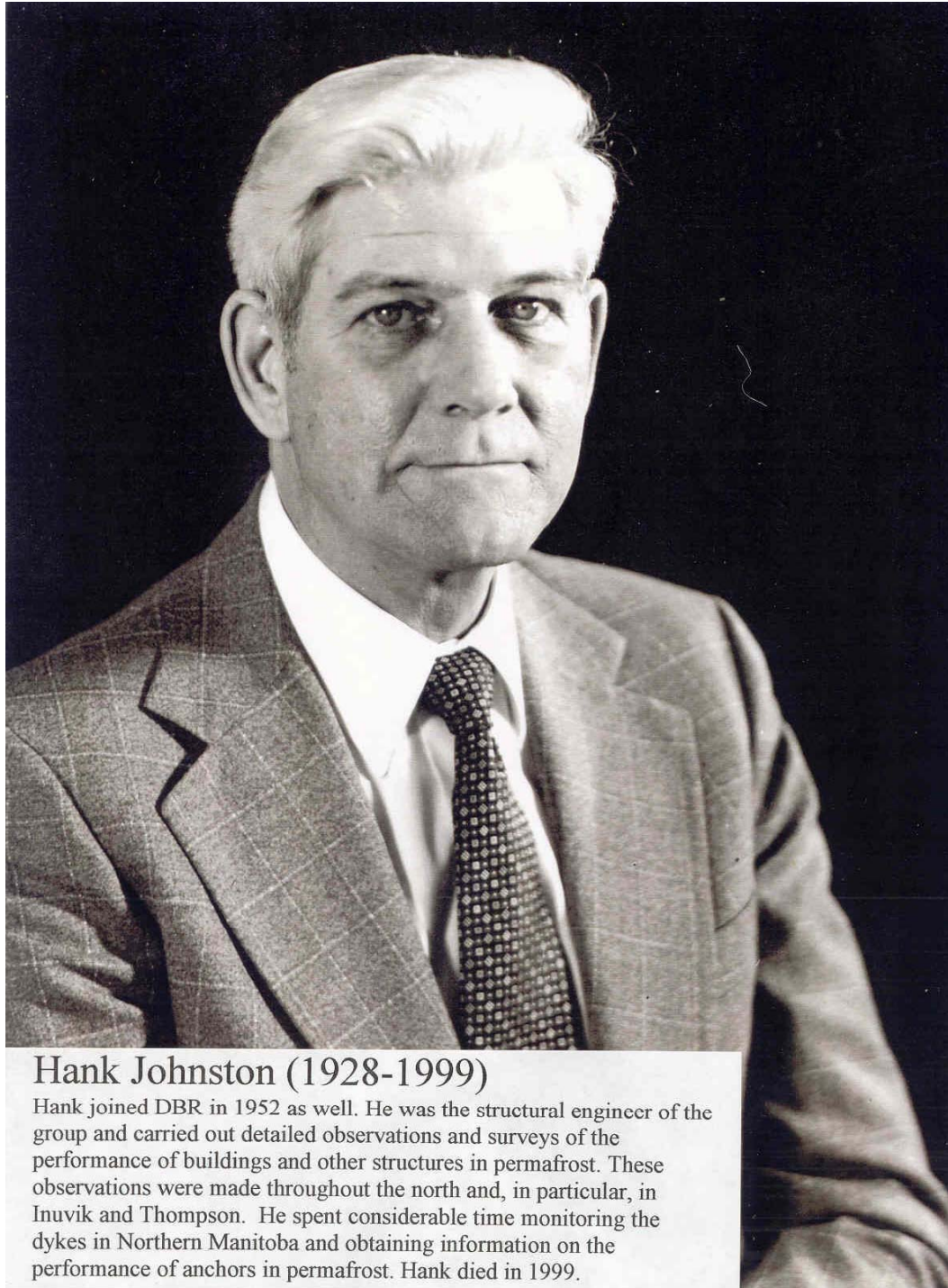
John Pihlainen(1928-1964)

John was the first member of the Permafrost group of the Division of Building Research, NRC, Ottawa. He joined the Division in 1950 and during the first two years carried out detailed survey of buildings along the Mackenzie. John left the Division about 1962 to become a northern consultant. Unfortunately, he died of a heart attack in 1964 at the beginning of a very promising career.



Roger Brown (1931-1980)

Roger joined the Division in 1952. He died in 1980. His principal activity was mapping the southern boundary of the permafrost zone.



Hank Johnston (1928-1999)

Hank joined DBR in 1952 as well. He was the structural engineer of the group and carried out detailed observations and surveys of the performance of buildings and other structures in permafrost. These observations were made throughout the north and, in particular, in Inuvik and Thompson. He spent considerable time monitoring the dykes in Northern Manitoba and obtaining information on the performance of anchors in permafrost. Hank died in 1999.



Insulated road tests carried out by Hank Johnston on the Dempster highway in 1972.



Hank Johnston with Bob Lang, SIPRE, conducting drilling tests in frozen ground.



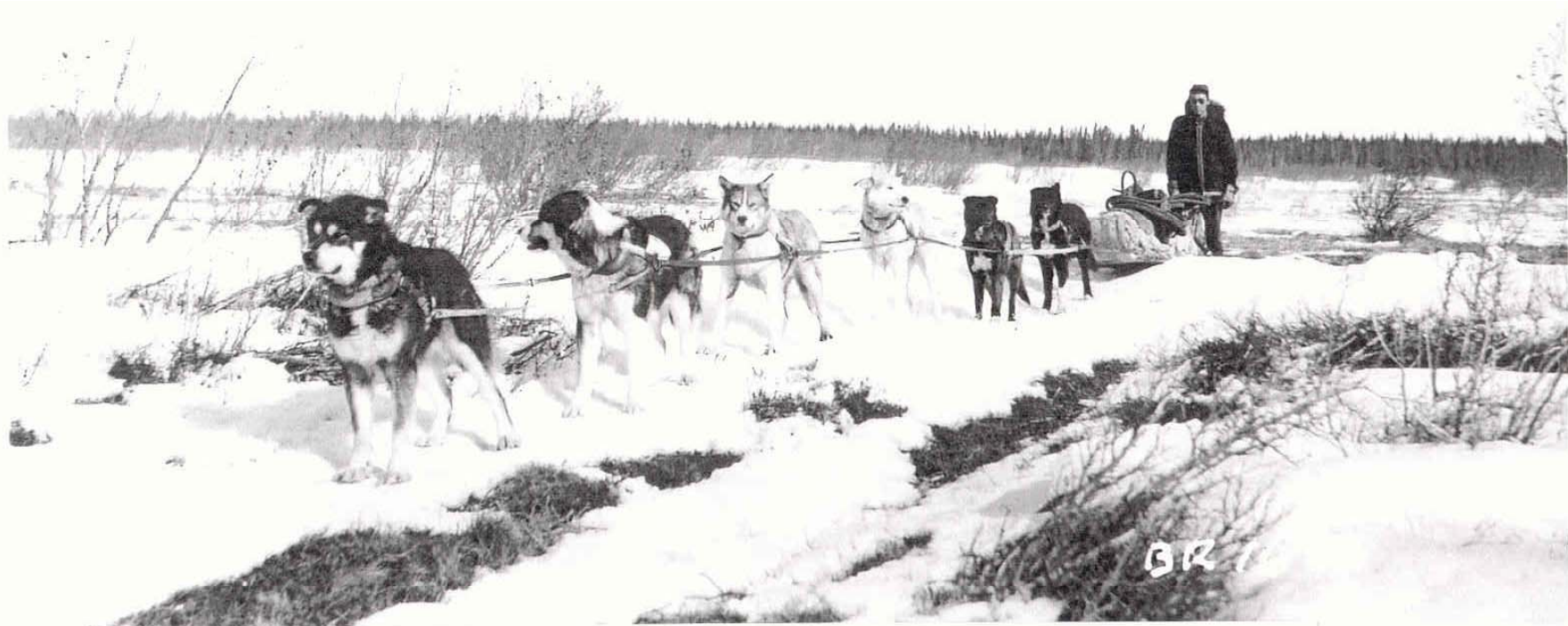
Hank Johnson, digging in permafrost
Inuvik, <1960.



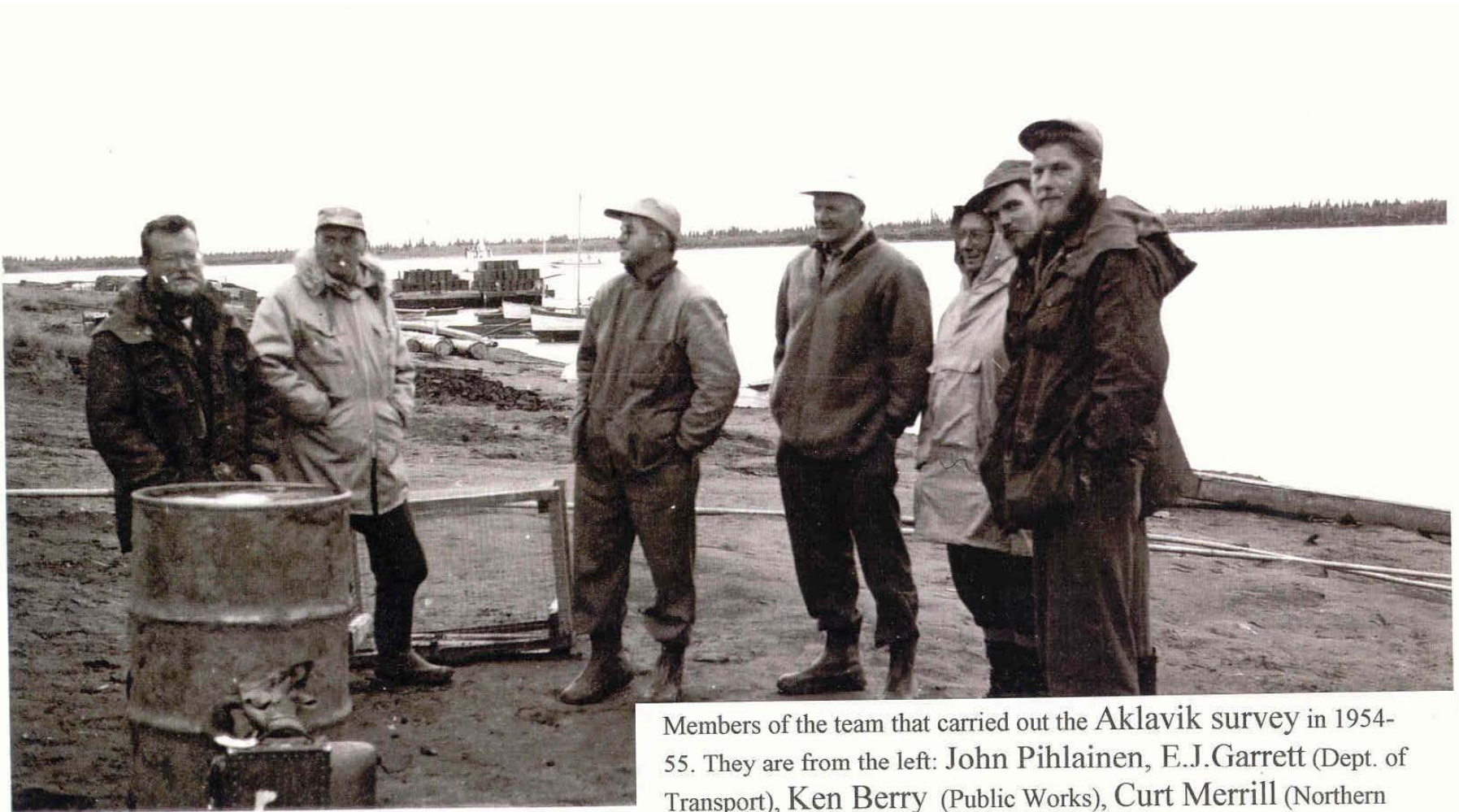
Hank Johnston drilling a palsa in the Hudson Bay Lowlands



Aklavik survey - helicopter supported drilling - West2 site (Hank Johnston)



Aklavik survey – moving drill rig equipment by dog sled
at the Husky Channel site (Roger Brown)



Members of the team that carried out the Aklavik survey in 1954-55. They are from the left: John Pihlainen, E.J. Garrett (Dept. of Transport), Ken Berry (Public Works), Curt Merrill (Northern Affairs), Keith Fraser (Geographical Branch, Mines and Tech. Surveys), Roger Brown and Hank Johnston.



R.F. Legget, Hank Johnston and Roger Brown during Aklavik survey: the search for a site for Inuvik.

John Pihlakainen
Frank Johnston,
Aklavik Survey





First NRC-DRB field station at Norman Wells, 1955-56.

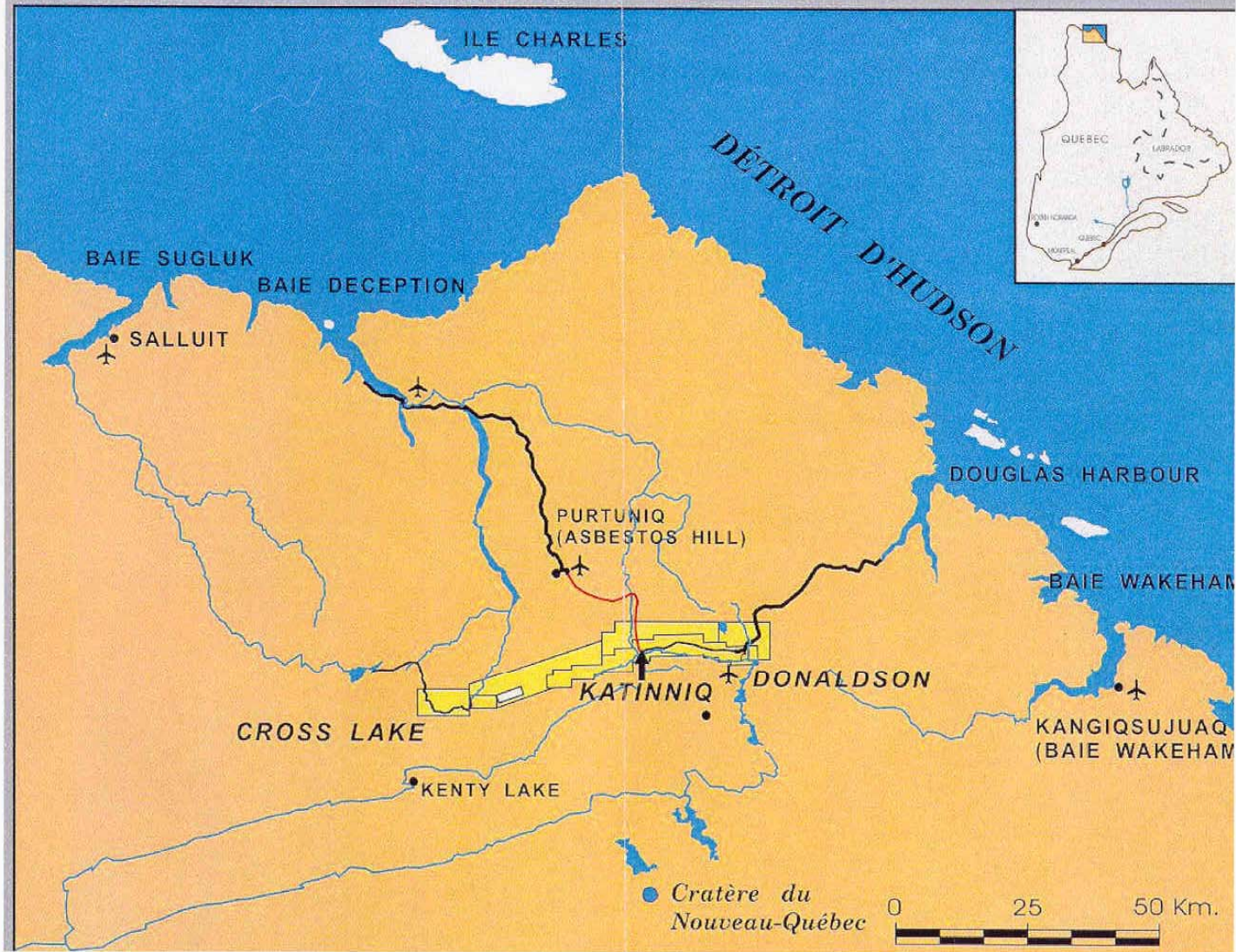


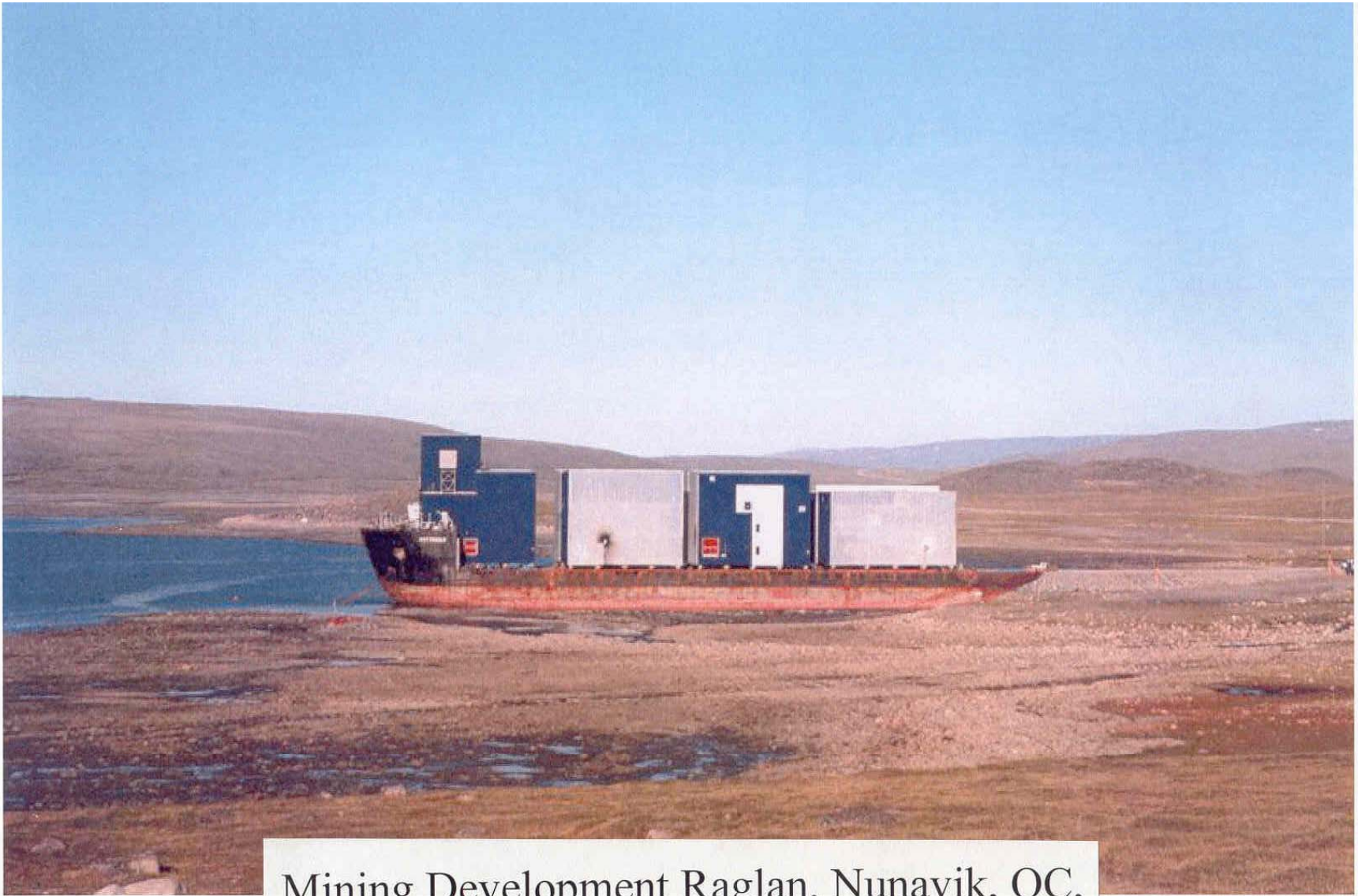
The new field station at Inuvik, opened 1957 by E.W. Stacie, NRC President. In the figure: R.F. Legget, E.W. Stacie (at the door) and the NRC Council (in the background).

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Mining Development Raglan, Nunavik, QC, 1998 (Ghislain Prévost)

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Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



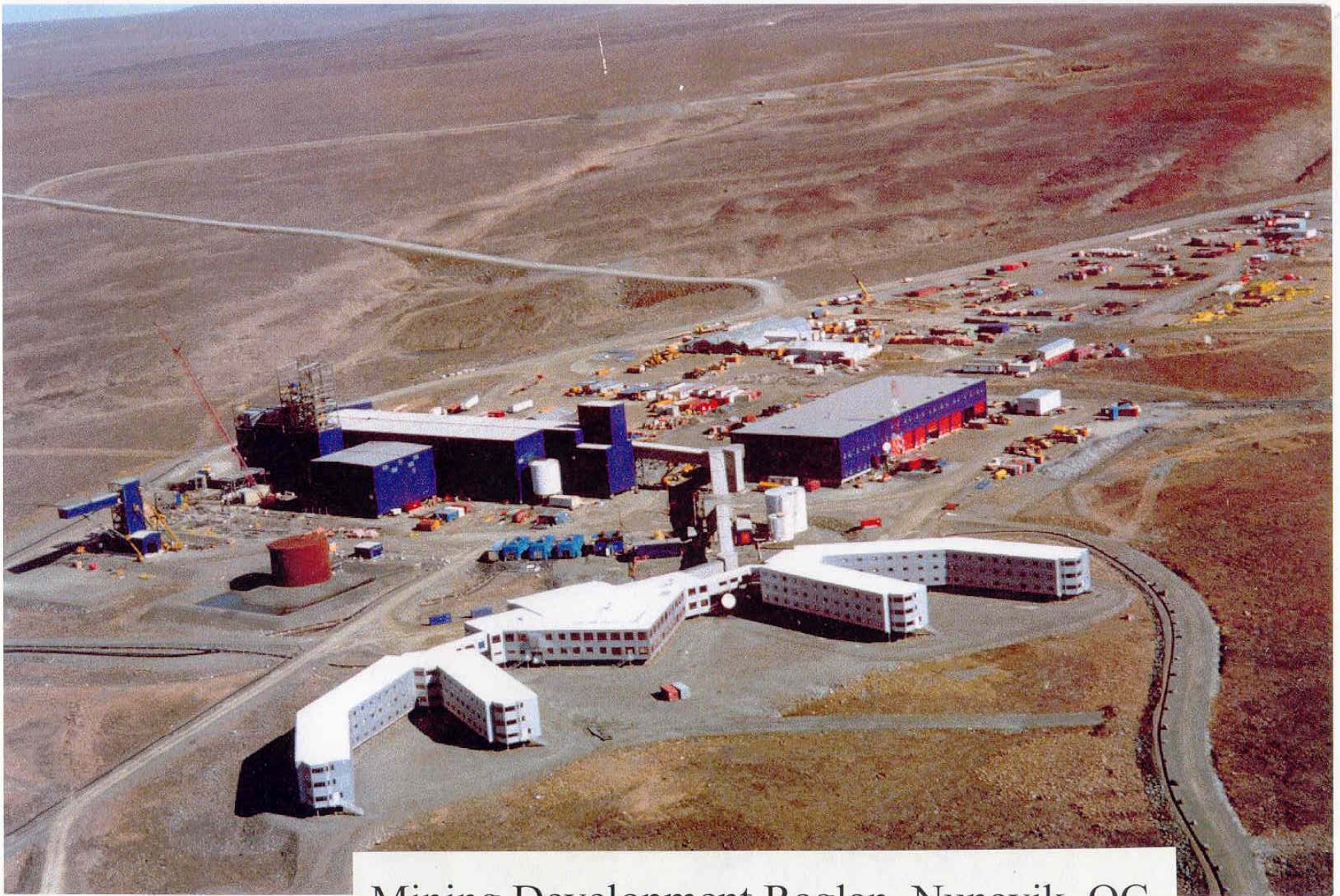
Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



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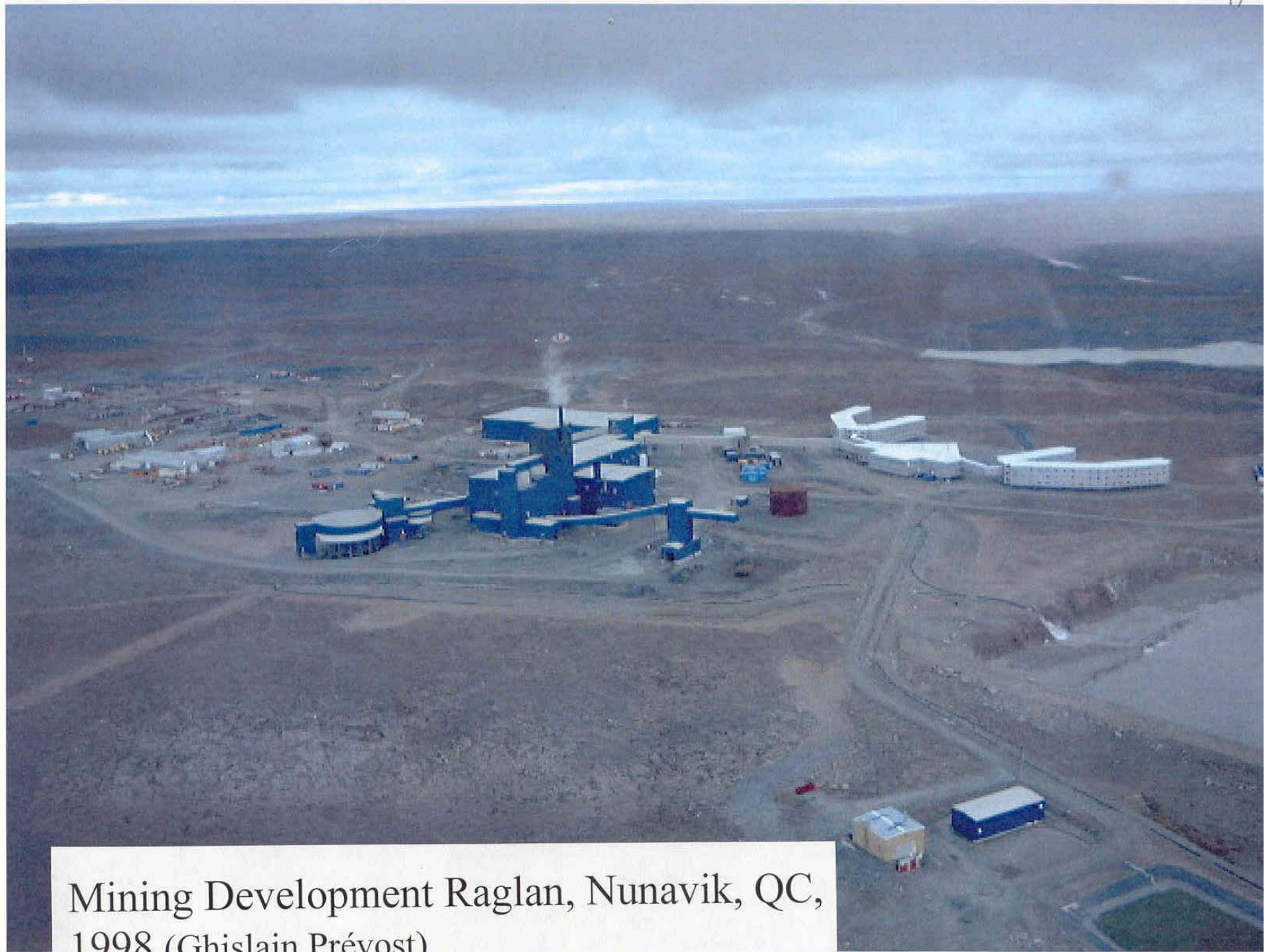
Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



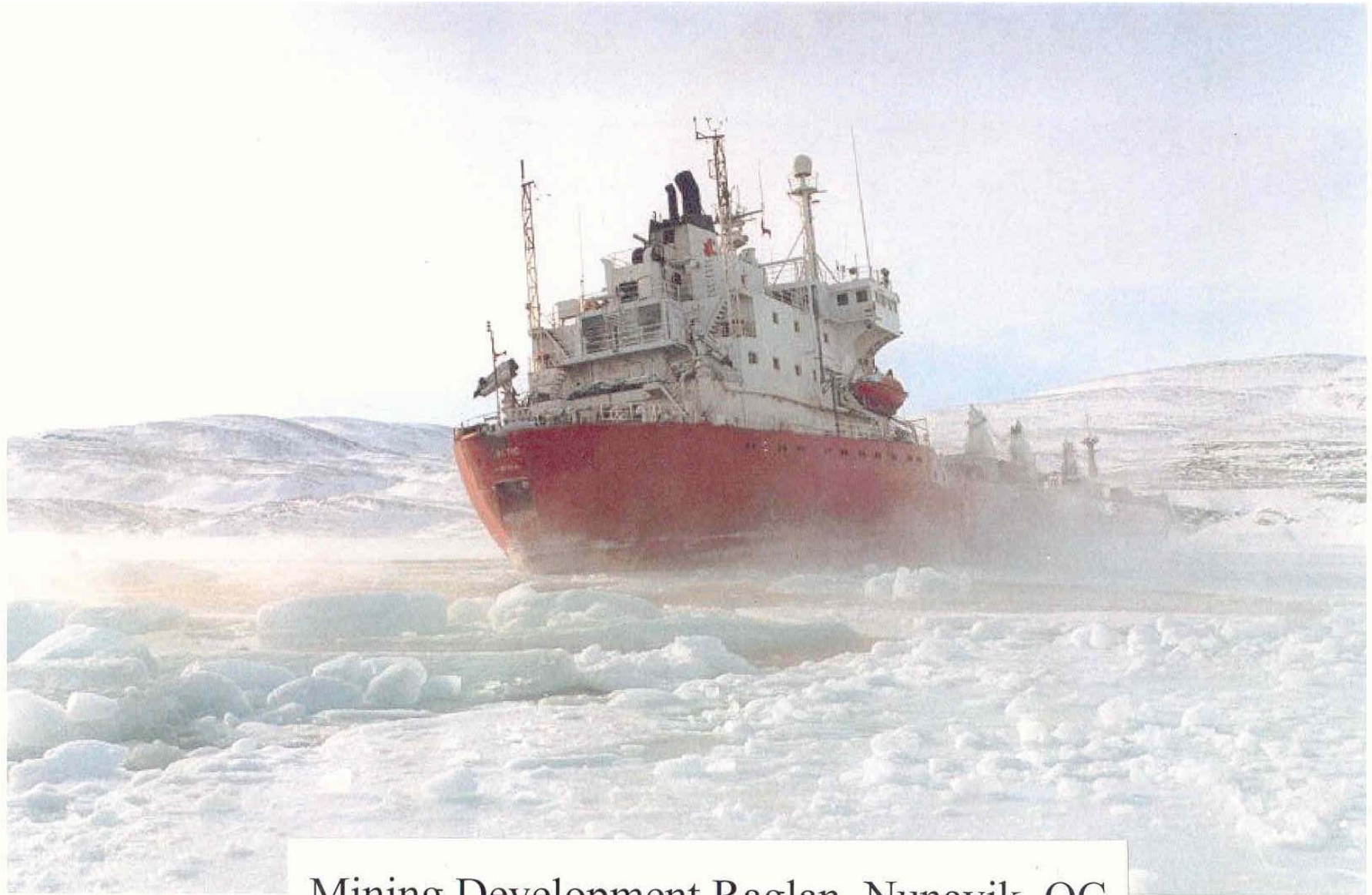
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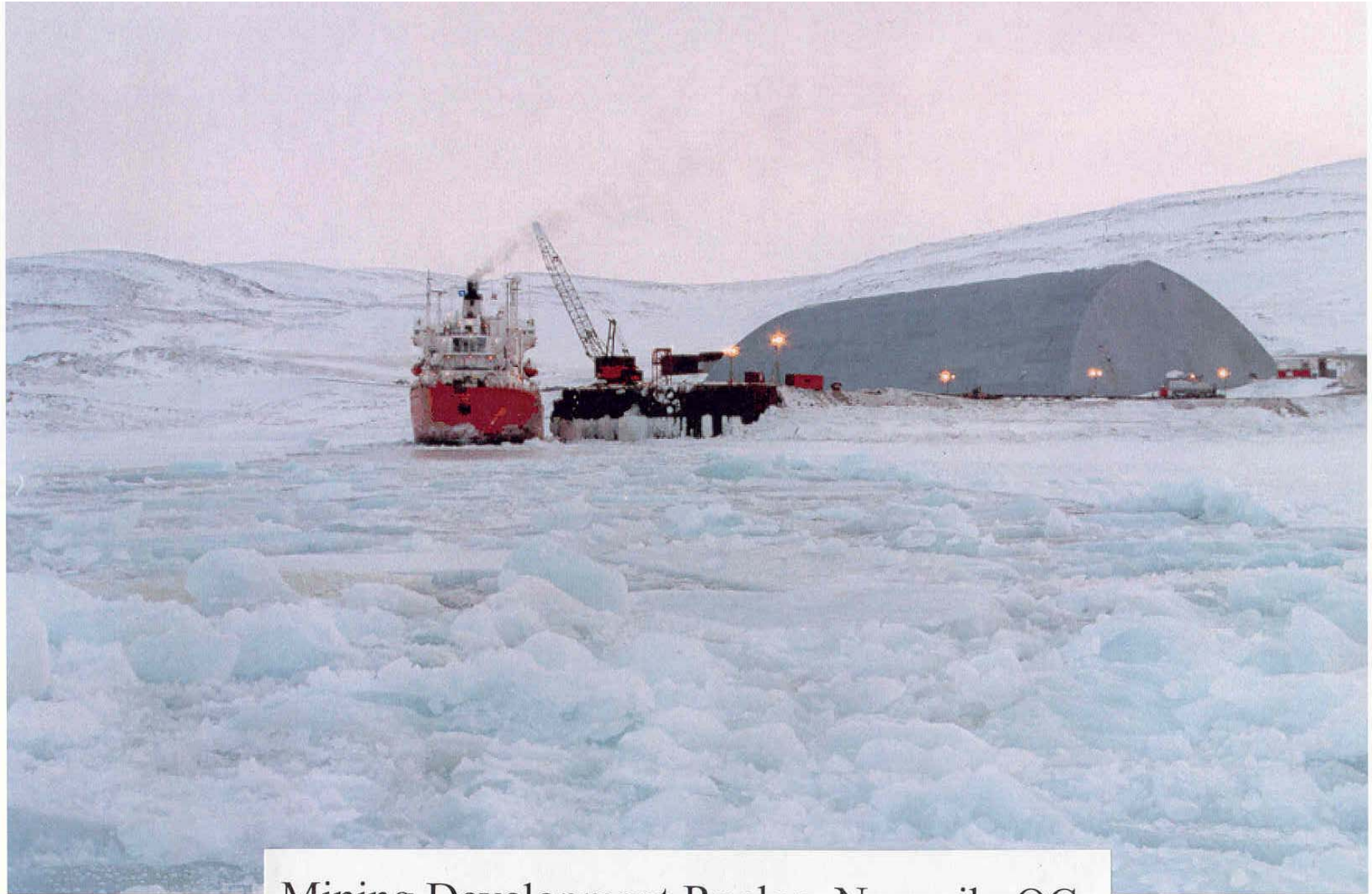
Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



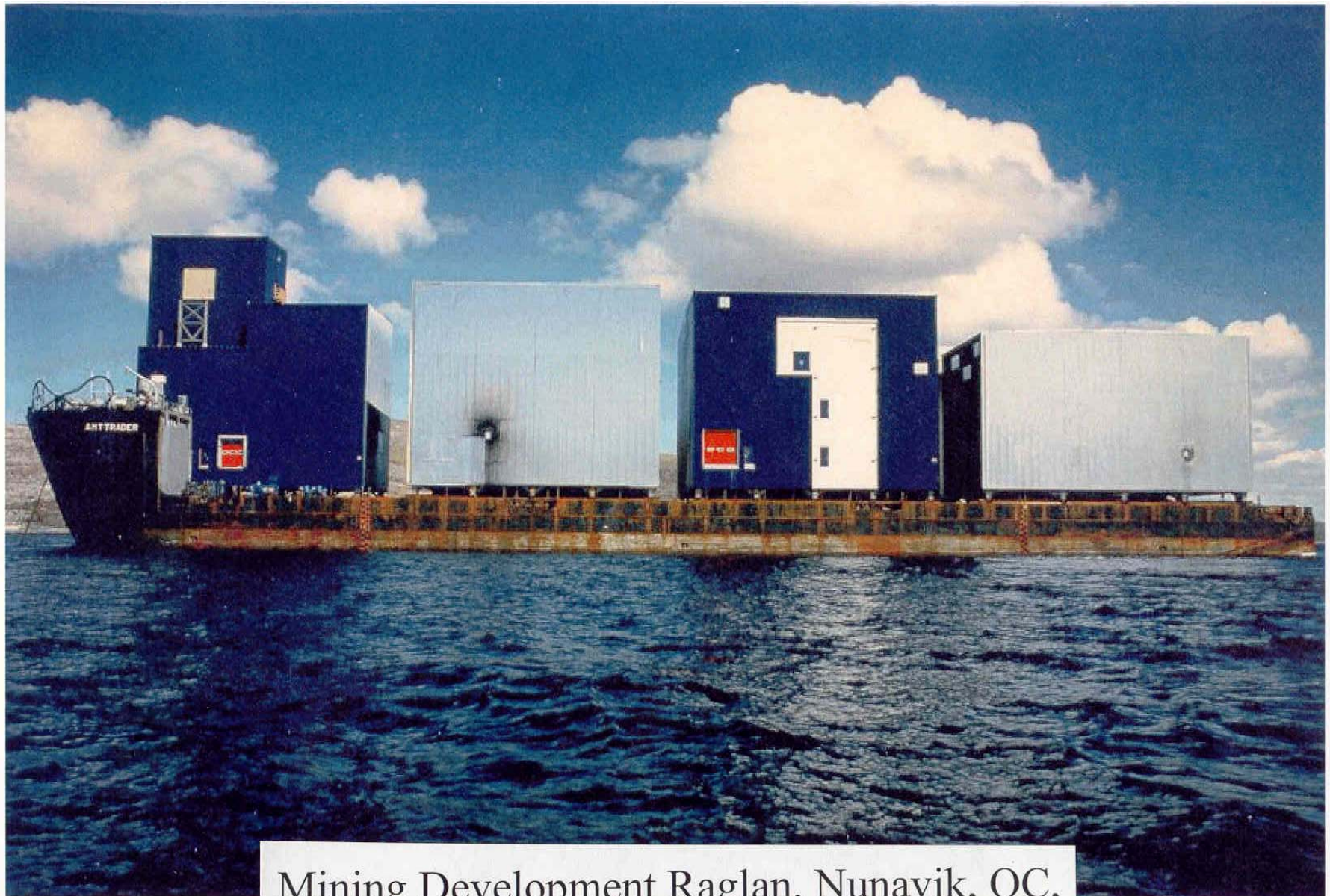
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Mining Development Raglan, Nunavik, QC,
1998 (Ghislain Prévost)



Schefferville, QC, 1972.
SPT and PMT in frozen peat (Ladanyi & Co.)



S Schefferville, QC, 1972.
P SPT and PMT in frozen peat (Ladanyi & Co.)



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Schefferville, QC, 1972.

SPT and PMT in frozen peat (Ladanyi & Co.)

Standard penetration testing in frozen peat, Schefferville,
Québec, 1972. (Ladanyi, Paquin, Gouzin, Gauvin)





Thompson, Man. 1971.
Anchor Tests in permafrost (Hank Johnston & Co.)



Thompson, Man. 1971.
Anchor Tests in permafrost (Hank Johnston & Co.)



Thompson, Man. 1971.
Anchor Tests in permafrost (Hank Johnston & Co.)



Thompson, Man. 1971.

Anchor Tests in permafrost (Hank Johnston & Co.)



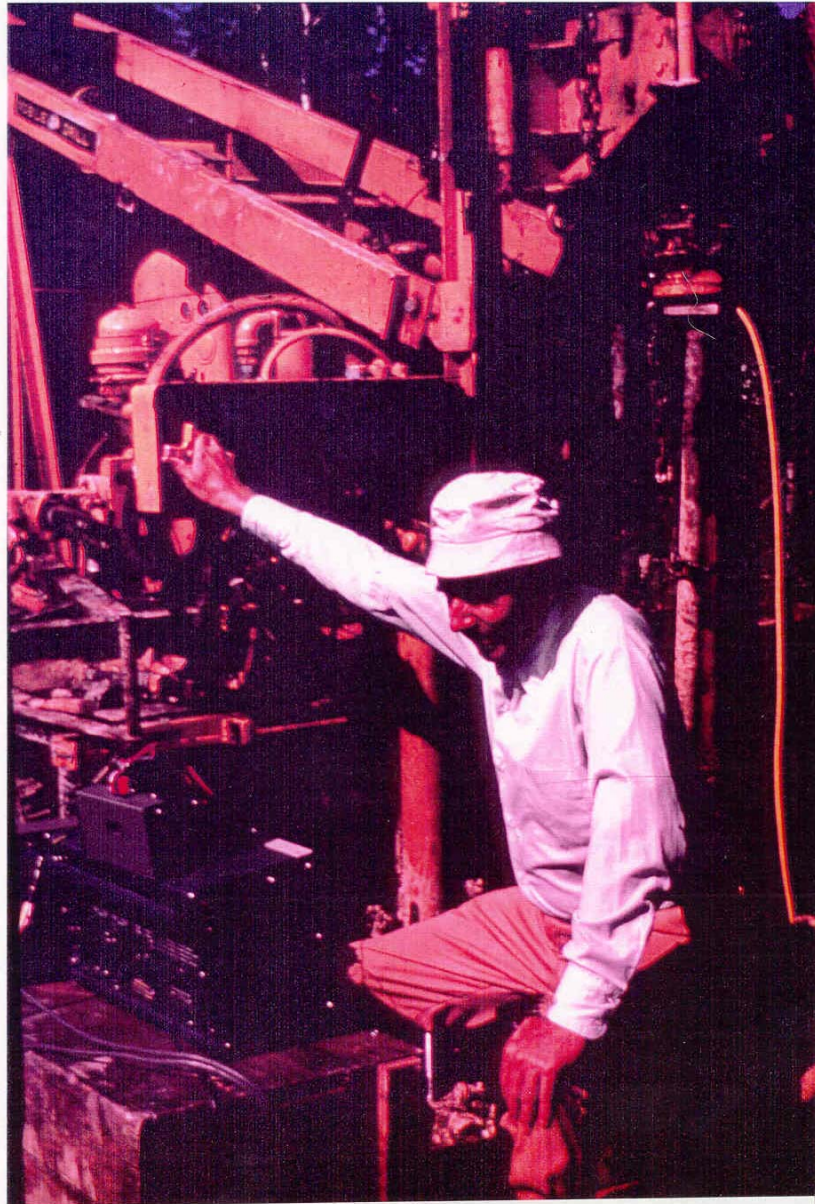
Thompson, Man. 1975.
CPT in permafrost. (Ladanyi, Arteau, Paquin)



Thompson, Man. 1975.
CPT in permafrost. (Ladanyi, Arteau, Paquin)



Cone penetration testing in permafrost, Thompson, Manitoba, 1975. (Ladanyi & Co.)



Thompson, Man. 1975.
CPT in permafrost. (Ladanyi, Arteau, Paquin)