

**ASSESSMENT REPORT**

**115F-15-1**

**CANALASK**

**PREPARED BY**

**DIAND TECHNICAL SERVICES**

**MARCH, 1994**

## 115F-15-1

### CANALASK

#### LOCATION

Latitude: 61° 57'25"N

Longitude: 140° 32'02"W

The exploration site is located on the east bank of the White River approximately 4km south of the Alaska Highway near the White River Lodge. The site can be reached from a trail from the Alaska Highway and is approximately 750m above sea level.

Site maps showing the location of the site are attached as Appendix A to this report.

#### WORK HISTORY

A summary of the work history according to the Department of Indian Affairs and Northern Development Minfile record 115F 045 is presented below.

March, 1953 - Staked as White, Wolverine, and Caribou claims by P. Eikland, W. Theriault, and F. Hickey and optioned to Prospectors Airways Co. Ltd., on behalf of a syndicate including Noranda Mining Ltd. and Kerr Addison Gold Mines Ltd., which drilled 14 holes (1652.3m) before dropping the option in March, 1954.

May, 1954 - Optioned to Canalask Nickel Mining Ltd., a new company formed by Ontario Nickel Mines Ltd. and Frobisher Ltd. to develop the property. Frobisher's interest was later transferred to Quebec Metallurgical Industries Ltd. During 1953-54 the property was extensively fringe staked by Versluce and Associates as the Blue Ribbon claims, D. Taylor as the Polaris claims, and by General Enterprises as the Blair claims.

October, 1957 - The Fox claims were staked by A. Nolan on the north side and transferred to Triple Five Prospectors Co. Ltd.

1954-1958 - Canalask drilled 1025m from the surface, completed 518.2m of drifting on two levels through an adit and a 106.7m winze, and drilled 466.7m underground.

1963 - The name was changed to Northwest Canalask Nickel Mines Ltd. just before the claims were allowed to lapse.

March, 1964 - Restaked as Micro claims by P. Versluce, H. Versluce, and C. Gibbons.

June, 1967 - Following trenching in 1965 and 1966 the property was optioned to Discovery Mines Ltd., Rayrock Mines Ltd., and Consolidated Can Faraday Ltd., which conducted magnetometer, electromagnetic, and IP surveys, dozer trenching, and drilled 2 holes (399.6m) later in the year.

1968 - Faraday's interest was transferred to Pacific Petroleum Ltd. and the underground workings were re-opened to permit 370.9m of underground drilling. In addition about 1005.9m of drilling was done from the surface.

February, 1972 - The owners performed more trenching in 1970 before optioning the property to the Nickel Syndicate which explored by geological mapping, magnetic and electromagnetic surveys later in the year.

May-June, 1973 - 640m in 5 holes were drilled and Mag claims were added before dropping the option in 1974.

1978 - The owners rehabilitated the portal.

1984 - The property was examined briefly by Mammoth Resources Ltd.

1986-1987 - The property was optioned by Kluane Joint Ventures and joint ventured with Rockridge Mining Corporation, which explored with mapping, magnetometer and VLF electromagnetic surveys, minor geochemical sampling, core relogging, and 603.2m of drilling from 5 holes in 1987. Fringe claims were investigated including V claims to the southeast by Polestar Exploration Inc. which conducted mapping and sampling in 1987.

1988 - Magnetometer and VLF electromagnetic surveys were carried out on the CT claims by Lodestar Exploration Ltd.

April, 1989 - G. Harris staked Lobo claims 1km to the southwest.

1990 - Harjay trenched on the WR claims.

### CLAIMS STATUS

Status of mineral claims including claim names and numbers, claim expiry dates, and current owners in the vicinity of the Canalask site have been noted as of 1992/05/01 as follows;

<u>CLAIM NAME/NUMBERS</u>	<u>EXPIRY DATE</u>	<u>OWNER</u>
Micro 1-4, 6, 10-12	October 10, 1992	All North Resources Ltd.

The major commodities identified at this site are nickel and copper.

Geologic conditions at this site include pyrrhotite and lesser amounts of pentlandite, sphalerite, pyrite, marcasite, and chalcopyrite, which occur as fine-grained patchy disseminations and less commonly as small massive lenses in Permo-Pennsylvanian volcanic rocks of the Station Creek formation. These rocks are dense and siliceous and probably of tuffaceous origin.

## **CURRENT SITE CONDITIONS**

The Canalask exploration site is accessible from a 5km trail off Mile 1168 of the Alaska Highway just south of the White River Lodge. This trail is on the east side of the White River and is useable by four wheel drive vehicles. This trail is overgrowing with alders now about 5m high.

Site photographs showing current site conditions are attached as Appendix B to this report.

The site is located on the east bank of the White River and is overgrown with a thick covering of alder. Weathered bedrock outcroppings were predominant between an infilling of alluvial sediments near the site.

The adit is located on the face of the bank of the river and could not be reached because the trail approaching the adit was considered unsafe. A wooden trestle supported tramway and stairs were the main means of access to the adit, however these are now old and rotting. Approximately 50m above the adit at the end of the tramway small stockpiles of ore or waste rock have been left in place. Very little else remains at this site.

## **RECOMMENDATIONS**

The site has not been worked for several years and the rate of vegetation growth along the White River is quite rapid in this northern climate. The site is overgrown and is not easily visible. It is recommended that the site be left untouched to avoid damaging the recovery that has taken place.

It could not be confirmed whether or not the adit was open, however natural obstacles impede any access to it. No further work is recommended at this site.

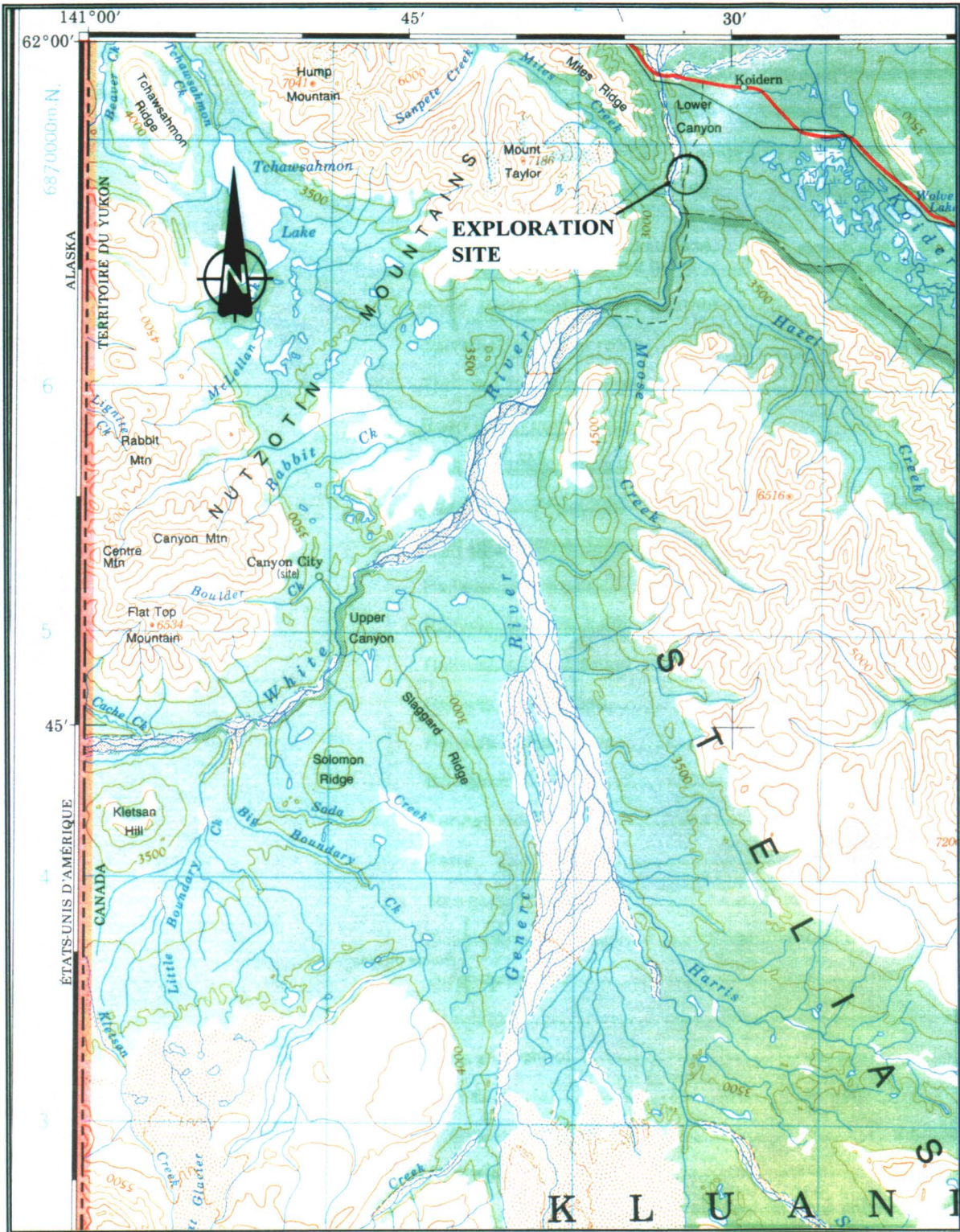
It is recommended that no further site remediation be considered at this site.

## **SUMMARY**

The site has not been worked for several years and little remains from the exploration activity. The site is overgrown and does not need any remediation.

**APPENDIX A**

**SITE LOCATION MAPS**



SITE NAME: **CANALASK**

SITE NUMBER: **115F-15-1**

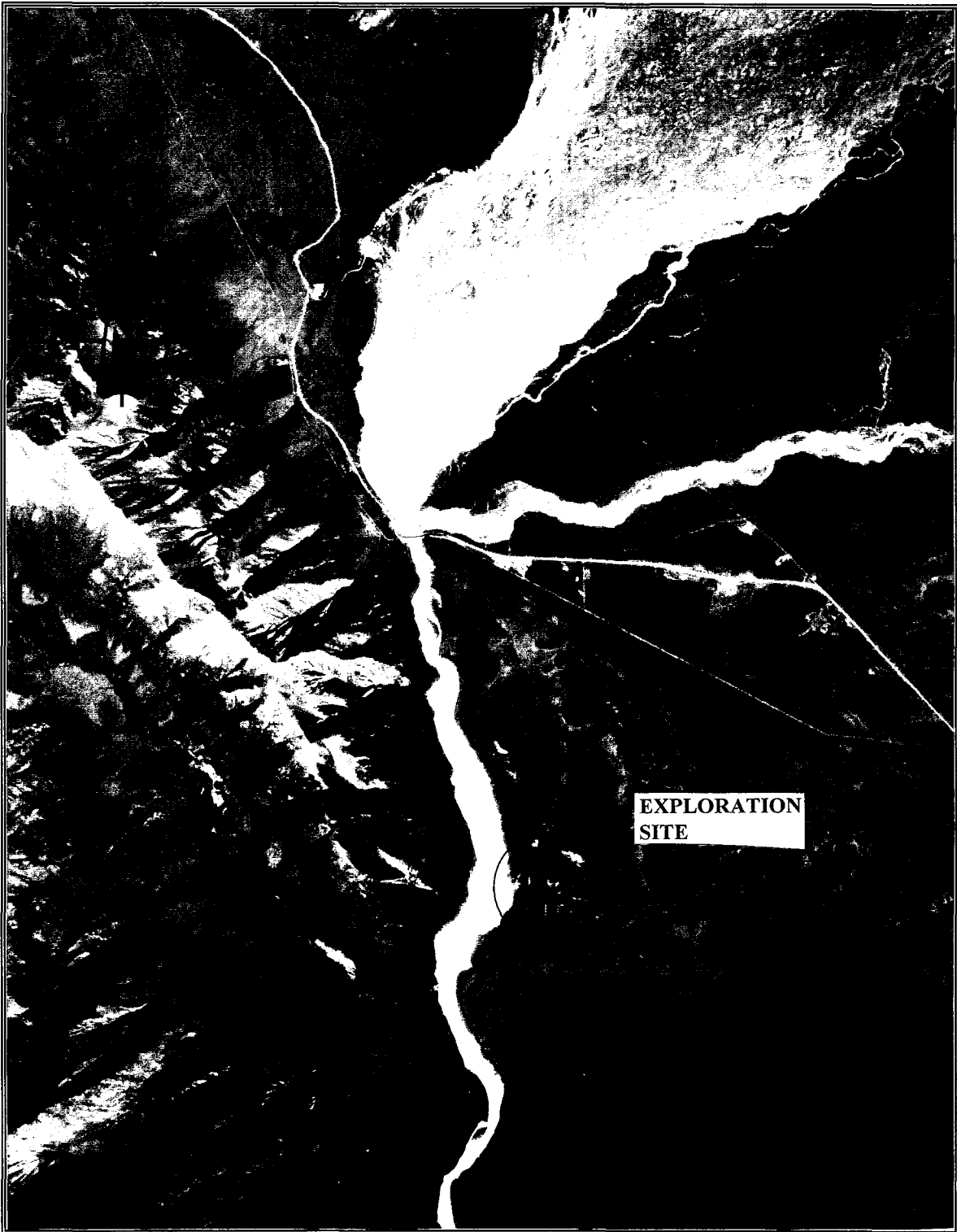
MAP NUMBER: **115G & 115F** MAP NAME: **KLUANE LAKE**

MAP SCALE: **1:250000**

SITE LOCATION:

LATITUDE: **61° 57'25"**

LONGITUDE: **140° 32'02"**



**EXPLORATION  
SITE**

SITE NAME: CANALASK

SITE NUMBER: 115F-15-1

AIRPHOTO NUMBER: A25287-172      YEAR: 1979

AIRPHOTO SCALE: 1:60000

SITE LOCATION:      LATITUDE: 61° 57'25"

LONGITUDE: 140° 32'02"

**APPENDIX B**

**SITE PHOTOGRAPHS**



ADIT, STAIRWAY, AND WHITE RIVER



CLOSE-UP OF ADIT



WOODEN TRESTLE TRAMWAY



ACCESS TRAIL TO SITE



**ROCK OUTCROPPINGS ALONG TRAIL**



**WASTE ROCK PILE**