

ASSESSMENT REPORT

105B-07-1

HART

PREPARED BY

DIAND TECHNICAL SERVICES

OCTOBER, 1993

105B-07-1

HART

LOCATION

Latitude: 60° 19'20"N

Longitude: 130° 40'30"W

The site is located 40km north of the Alaska Highway. An access road to the site leaves the Alaska Highway approximately 2.3 km east of the Rancheria River bridge and follows on the east side of the Rancheria River, past the south side of the Northwind Lakes, along the north shore of Roy Lake, up a steep creek valley to the site. The elevation of the site above sea level is between 1400-1500m. Three bailey bridges have been constructed on this road.

Access to the Silverhart site is still possible with two wheel drive vehicles although the use of four wheel drive vehicles is recommended. Access to the Hart site, beyond the Silverhart site can only be accessed with all terrain vehicles, walking, or by helicopter.

Site maps are attached as Appendix A and site photographs are included as Appendix B to supplement this report.

WORK HISTORY

August, 1971 - Area first staked as Nite claims by Wolf Lake Joint Venture which explored with dozer trenching and 8 drill holes (476.5m).

1976 - The claims reverted to Archer Cathro & Associates Ltd.

September, 1980 - July, 1981 - A. Hyde tied on a large block of CMC claims to the west and south.

May, 1982 - McDame Project tied on Mar claims to the east.

March, 1982 - Butler Mountain Mineral Corporation tied on OTH claims to the north.

December, 1984 - The OTH group was restaked as SH claims by Silver Hart Mining Ltd. which optioned the CMC group earlier in the year and performed dozer trenching in 1987.

1985 - Archer Cathro & Associates Ltd. sold the Nite group to Nordac Mining Corporation which optioned it briefly to Gyro Energy & Minerals Corporation. Nordac changed its name to Big Creek Resources Ltd. and performed sampling and trenching in 1988. The Nite claims were allowed to lapse.

September, 1991 - W4 Joint Venture staked a single Blue claim at the south end of the former Nite group.

CLAIMS STATUS

Status of mineral claims including claim names and numbers, claim expiry dates, and current owners in the vicinity of the Silver Hart site have been noted as of 1992/05/15 as follows;

<u>CLAIM NAME/NUMBERS</u>	<u>EXPIRY DATE</u>	<u>OWNER</u>
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Nite 6, 8-10	18, November, 1992.	Big Creek Resources Ltd.
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The major commodity identified at this site is tungsten. Minor commodities include molybdenum, uranium, lead, and zinc.

CURRENT SITE CONDITIONS

The Hart exploration site is located in the Cassiar Mountains. This exploration site is below an eroded peak on a moraine deposit overlying bedrock adjacent to a small lake. The Hart site is adjacent to and below the Silverhart site.

The camp and exploration site is covered by black spruce, willows, and a variety of alpine vegetation. The tree line is just above the camp location.

Exploration at this site was limited to dozer trenching and eight drill holes. This has left a small disturbed area covering an area estimated to be 200 x 100m in size. The majority of the physical exploration took place in 1971 and the site vegetation has re-established itself over the disturbed areas. It is difficult to find the old camp and exploration hole locations because of the revegetation that has taken place.

Remains of the camp site were found with two collapsed tent frames, a small inventory of scattered and unprotected core (50-60 core boxes), one barrel (204 litres) of jet B fuel date stamped 1988, eight empty fuel barrels, and minor amounts of other garbage (rusting camp stoves, tarp, etc.).

RECOMMENDATIONS

Historical records show that most of the physical development took place at this site in 1971. Since then little work appears to have taken place. The site disturbance was limited to clearing roads and drill sites. The camp site appears to have been set up as a temporary facility, with only tent frames and a few pieces of camp equipment left behind.

Minimal damage occurred from the original site development. The clearing and road development occurred on relatively flat ground and there is no evidence of permanent surface scarring, slope instabilities or erosion.

Natural revegetation is taking place at this site, and most of the site has reseeded itself with spruce, willow and aspen saplings to 3m high.

As noted in the previous section, little infrastructure remains on site and there is very little site remediation work that could be undertaken. The only work that could be undertaken includes;

- removing or incinerating the one barrel of jet B fuel from the site,
- removing the remaining empty barrels and other small pieces of metal waste, and
- piling and burning all wood tent frames and wood waste. This activity could be hazardous as the vegetation has regrown and there are few clear areas to safely burn in the summer season. This activity is considered a **VERY LOW** priority.

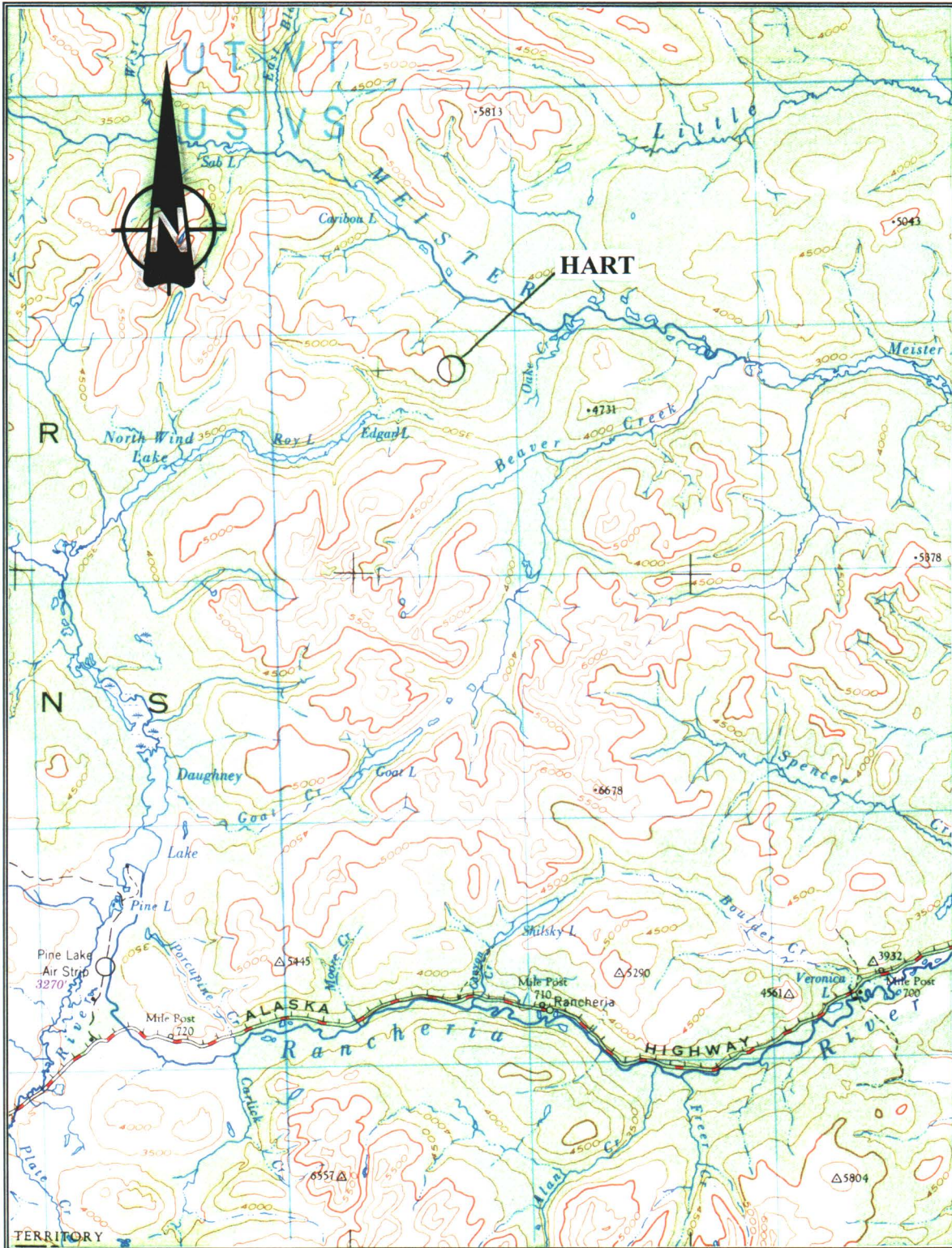
The core at this site was not stored properly and it will be difficult to properly catalogue any of the remaining core.

Site Summary

Overall, this site is considered a **LOW** priority for clean-up of environmental hazards. The one barrel of jet B fuel does pose a risk and should be removed if possible. Any clean-up work at this site could be accessed by trail from the Silverhart site or by helicopter. Using a helicopter to access this site will likely be less costly than driving to the site, unless this work is completed concurrently with a clean-up program of the adjacent Silverhart site.

APPENDIX A

SITE LOCATION MAPS



SITE NAME: **HART**

SITE NUMBER: **105B-07-1**

MAP NUMBER: **105B**

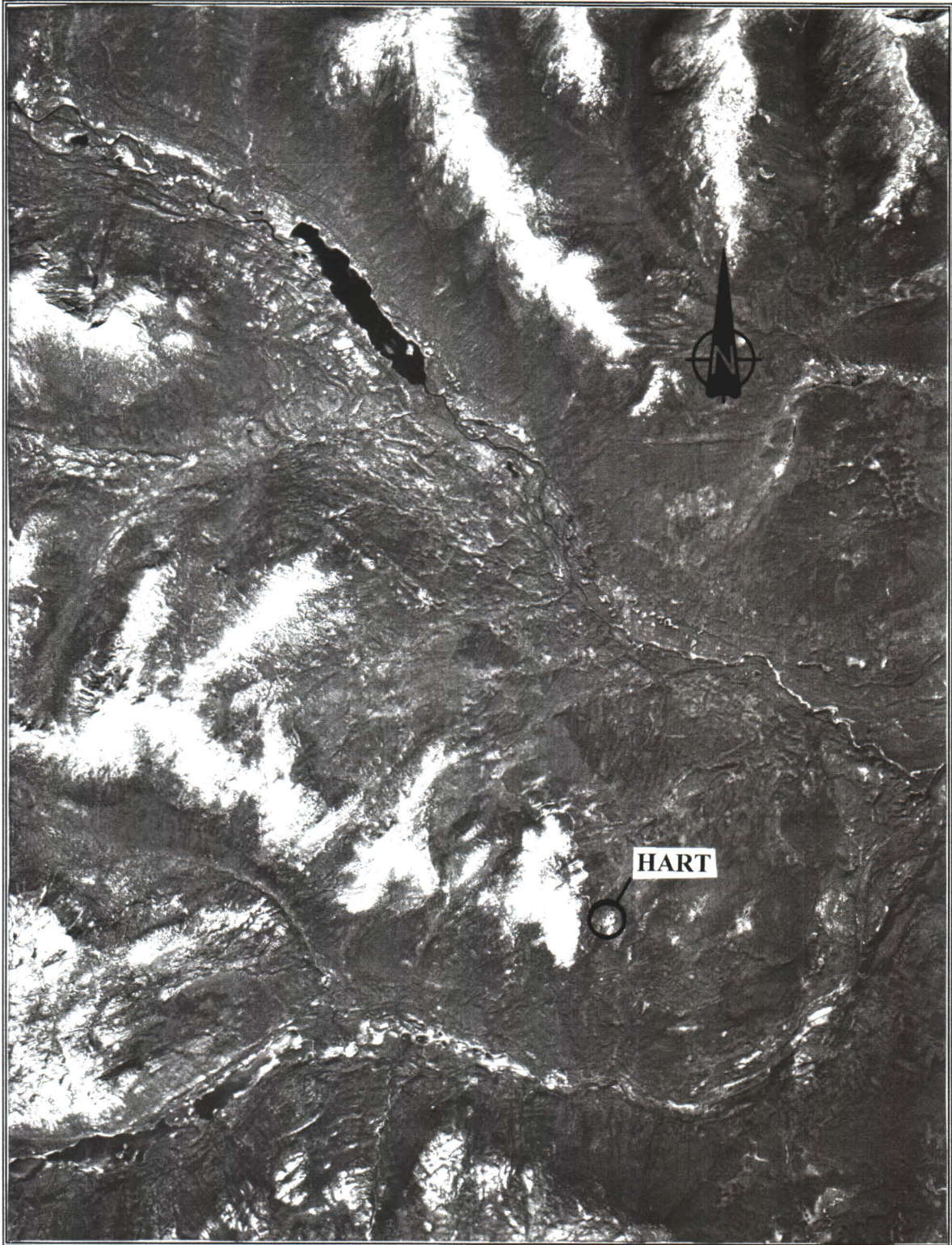
MAP NAME: **WOLF LAKE**

MAP SCALE: **1:250000**

SITE LOCATION:

LATITUDE: **60° 19'20"**

LONGITUDE: **130° 40'30"**



SITE NAME: HART

SITE NUMBER: 105B-07-1

AIRPHOTO NUMBER: A24795-93 YEAR: 1977

AIRPHOTO SCALE: 1:64000

SITE LOCATION: LATITUDE: 60° 19'20"

LONGITUDE: 130° 40'30"

APPENDIX B

SITE PHOTOGRAPHS



1. VIEW OF HART EXPLORATION SITE (ADJACENT TO LAKE)



2. CORE BOXES, COLLAPSED TENT FRAMES, RUSTED WOOD HEATERS, AND TARP



3. DEBRIS AT CAMP SITE



4. EMPTY FUEL BARRELS