

**ASSESSMENT REPORT**

**115I-07-1**

**TINTA HILL**

**PREPARED BY**

**DIAND TECHNICAL SERVICES**

**MARCH, 1994**

**115I-07-1**

**TINTA HILL**

**LOCATION**

Latitude: 62° 17'37"N

Longitude: 136° 58'33"W

The site is located approximately 42km northwest of the community of Carmacks approximately 2km southwest of Granite Mountain on the Yukon Plateau. The site can be reached overland from the Mount Freegold road.

The site is between 1200-1225m above sea level.

Site location maps are included as Appendix A. Site photographs are attached as Appendix B.

**WORK HISTORY**

A work history has been compiled from the Department of Indian Affairs and Northern Development Yukon Minfile record 115I 058. This work history follows.

1930-1932 - The showing was discovered in 1930 and explored with trenching and shallow shafts in 1931-1932.

June, 1937 - Restaked by W. Teare as Tenderfoot claims.

November, 1940 - Tenderfoot claims restaked and explored with two shafts, 15 and 11m deep, and a 16m adit.

May, 1959 - Restaked as May and June claims by Conwest Exploration Ltd. which trenched later in the year and drilled 410.0m in 5 holes in 1960.

August, 1966 - Restaked as Tinta claims by Canex Placer which performed grid soil sampling and an electromagnetic survey.

1968 - The property was optioned to Silgold Mines Ltd. This option was transferred between 1969-1972 to Coin Canyon Mines Ltd. which performed soil sampling and dozer trenching.

April, 1970 - Canol Metals Mining Ltd. tied on Sno, etc. claims.

September, 1973 - Reoptioned by Exeter Mines Ltd. which drilled 1684.6m from 25 holes, performed dozer trenching, grid soil sampling, and electromagnetic surveys. More claims were added.

1975 - Exeter Mines changed its name to Tinta Hill Mines Ltd.

1976 - More geochemical surveys and 313.6m were drilled in 3 holes.

1979 - The claims reverted to Placer Development Ltd. and were optioned by a joint venture between Silver Tusk Mines Ltd. and Panther Mines Ltd.

1980-1981 - 516m of drifting and crosscutting was completed in the No. 1 adit as well as another 457m in the No. 2 adit in 1981.

1986 - Additional trenching was completed.

1987 - International Consolidated Platinum Ltd. performed trenching under a joint venture agreement.

1988 - Mill City Gold Mining Corporation optioned the property and performed prospecting and 1150m of drilling in 8 holes.

1989 - Silver Tusk performed road work.

1991 - Trenching was completed.

### **CLAIMS STATUS**

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

| <u>CLAIM NAME/NUMBERS</u> | <u>EXPIRY DATE</u> | <u>OWNER</u> |
|---------------------------|--------------------|--------------|
|---------------------------|--------------------|--------------|

|              |                 |                        |
|--------------|-----------------|------------------------|
| - Tinta 1-72 | August 22, 1992 | Silver Tusk Mines Ltd. |
|--------------|-----------------|------------------------|

Major commodities identified at this site includes gold, silver, lead, zinc, and copper. Cadmium has been identified as a minor commodity.

Geology at this site consists of a vein containing galena and sphalerite with minor tetrahedrite and chalcopyrite. This occurs in a vertical shear zone which cuts Triassic Klotassin quartz diorite.

### **CURRENT SITE CONDITIONS**

The Tinta Hill exploration site covers a large area southwest of Granite Mountain. The exploration site is predominantly over a gently sloping area with a steeper section on the south side of the site.

The predominant species of vegetation across the area is black spruce and is approaching the tree line at the top portion of the site.

No surface water features were evident at the exploration site.

Surface material appears as a silt till.

Site disturbance consists of an extensive gridwork of trenching covering several square kilometres. The site has been developed with roads crossing the exploration area and a gridwork of exploration trenching to a depth of up to 3m. The vegetation has been removed wherever road or trenching operations took place. Vegetation is well established over the older parts of the site.

Old shallow adits were not found within this large site at the time of inspection on 1993/07/01.

The only remaining infrastructure spotted at the site was one very old trailer.

### RECOMMENDATIONS

Exploration activity at this site has resulted in disturbance to the site mainly from the construction of exploration tote roads, trenching, and adit excavation. Little infrastructure has been left in place and the site is relatively clean.

Site remediation of the roads is considered very difficult and costly in this very remote location. Any site remediation would also cause additional damage to the vegetation. No benefits to attempting any slope stabilization is apparent at this site.

Attempting to revegetate the roads and exploration areas would be very difficult. The disturbed areas will eventually revegetate themselves from the local vegetation encroaching into the disturbed areas as is occurring on the older parts of the site. This revegetation process is likely the only practical solution in an area that is remote with a harsh climate.

Because the exploration area is well away from any established streams any erosion should not disrupt stream flows or cause any siltation.

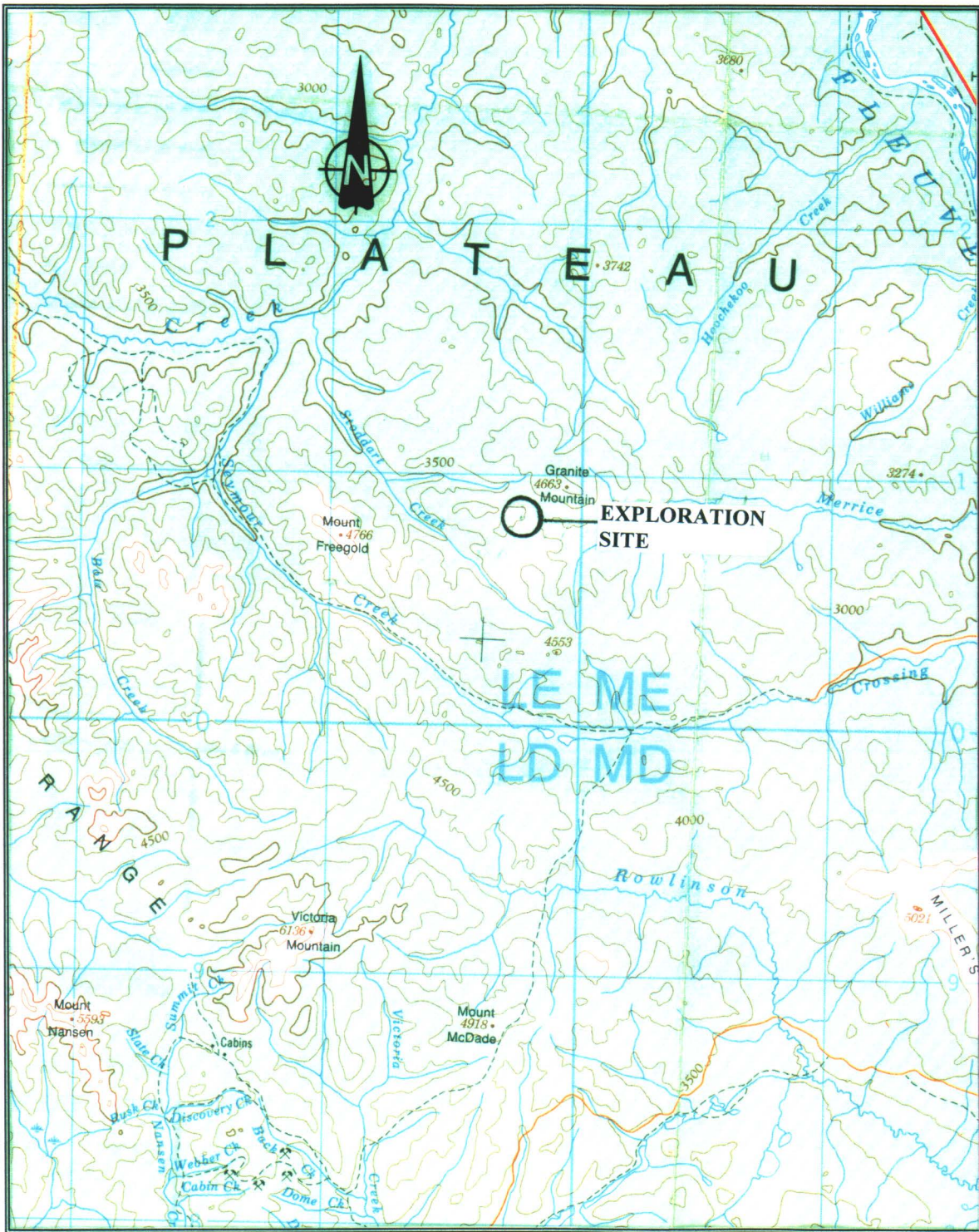
The old trailer left on-site is not causing any continuing environmental damage and is considered to be a **LOW** priority for clean-up. It is recommended that this trailer be removed only if a general clean-up program is initiated in this area.

### SUMMARY

The main damage to the environment at this site has been caused by the road construction and trenching. The site has been cleaned up with little material left behind. It is recommended that this site be considered as a **LOW** priority for environmental clean-up.

**APPENDIX A**

**SITE LOCATION MAPS**



SITE NAME: **TINTA HILL**

SITE NUMBER: **115I-07-1**

MAP NUMBER: **115I**

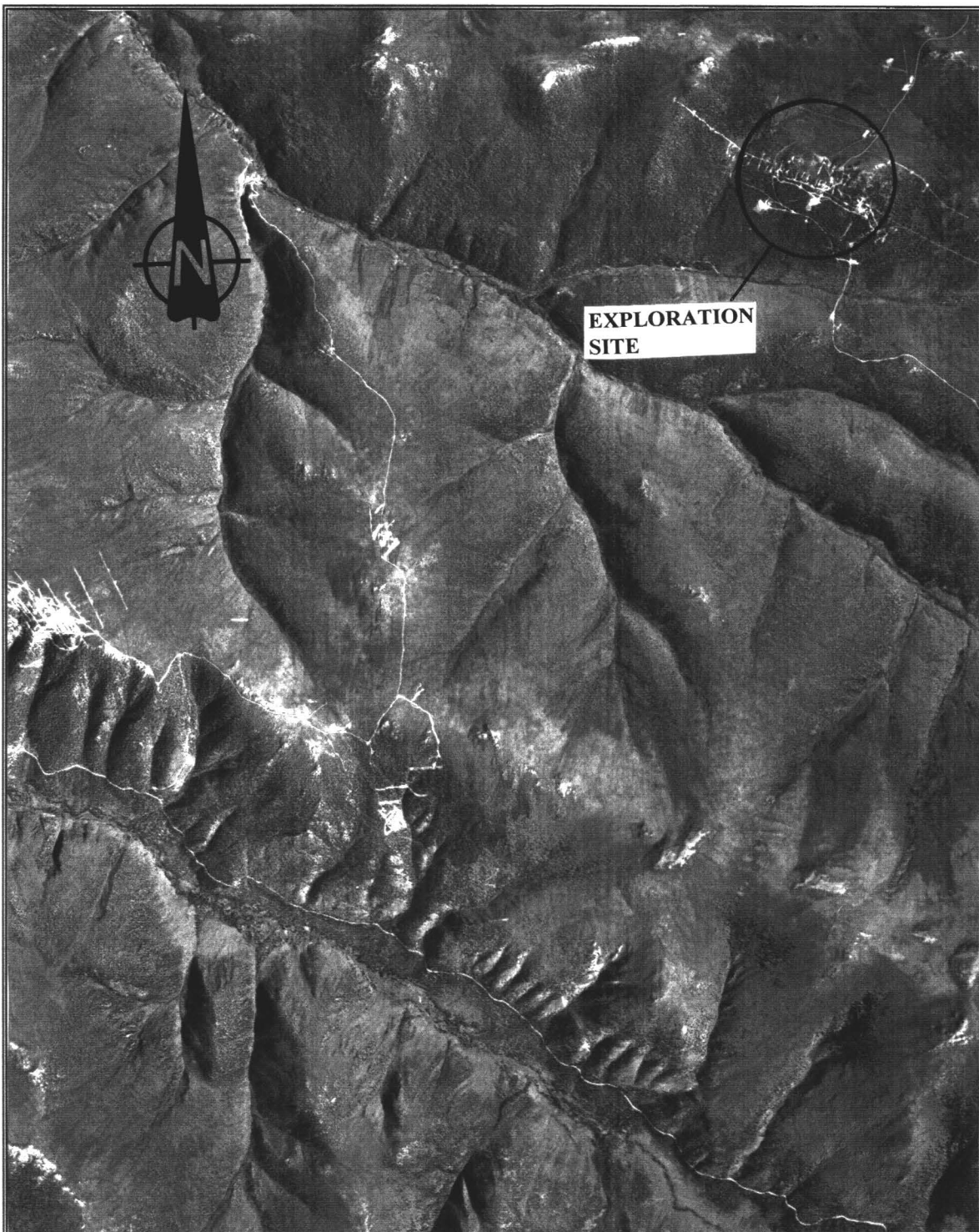
MAP NAME: **CARMACKS**

MAP SCALE: **1:250000**

SITE LOCATION:

LATITUDE: **62° 17'37"**

LONGITUDE: **136° 58'33"**



SITE NAME: **TINTA HILL**

SITE NUMBER: **115I-07-1**

AIRPHOTO NUMBER: **A27479-222** YEAR: **1989**

AIRPHOTO SCALE: **1:40000**

SITE LOCATION:           LATITUDE: **62° 17'37"**

LONGITUDE: **136° 58'33"**

**APPENDIX B**

**SITE PHOTOGRAPHS**



ROAD INTO TINTA HILL SITE



EXPLORATION AREA



OLD AND NEWER EXPLORATION TRAILS



TRAIL ABANDONED ON-SITE