

ASSESSMENT REPORT

105M-13-2

WAYNE

PREPARED BY

DIAND TECHNICAL SERVICES

JANUARY, 1994

105M-13-2

WAYNE

LOCATION

Latitude: 63° 53'05"N

Longitude: 135° 40'28"W

The exploration site is located approximately 34km north of the village of Mayo near the west end of the Elsa airstrip. The site can be reached by travelling from Mayo on Highway 11 to the airstrip near Elsa. Old exploration trails are found at the west end of the airstrip and can be accessed from the airstrip or the road to the south. The site is between 750-770m above sea level.

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

WORK HISTORY

The site was first staked in 1955. A summary of the work history follows.

September, 1955 - First staked by G. Rich as the Wayne claims which were partially overstaked by J. Strebchuk in July, 1956 as the Alberta claims and in September, 1956 as the Yukon claims.

1962 - The Alberta group of claims was optioned by Rio Plata Silver Mining Ltd. and explored by dozer trenching and 76.2m of rotary drilling.

July, 1964 - L.T. Chisholm purchased 50% of the Wayne claims.

September, 1967 - July, 1970 - The Alberta and Yukon groups of claims were optioned by Fort George Mining & Exploration Ltd.

November, 1967 - Joe claims were added.

1968 - Dozer trenching and 61m of drilling was completed, and 5.88 tonnes of ore was shipped to the Trail smelter.

December, 1970 - The property was reoptioned by Silver Spring Mining Ltd. and explored in a joint venture with Canadian Reserve Oil & Gas Ltd. with geophysical surveys in 1971 and dozer trenching and 2 drill holes (137m) in 1972. Silver Spring staked additional Alberta claims in September, 1971 and Evelyn claims in June, 1972.

March, 1974 and October, 1975 - The nearby Snowdrift claims were added by United Keno Hill Mines Ltd. These claims were explored with 80 percussion holes (3195.8m) in 1975 and 46 percussion holes (1606.3m) in 1982.

March, 1979 - More than 600 Zap claims were added to the northeast by Canada Tungsten Mining Corporation Ltd. and explored by geochemical and geophysical surveys.

February, 1980 - The Wayne group of claims was optioned to Island Mining and Exploration Co. Ltd. which drilled 14 holes (1212m) in 1981 and 7 holes (795m) in 1983.

CLAIMS STATUS

Status of mineral claims including claim names and numbers, claim expiry dates, and current owners in the vicinity of the Wayne site have been noted as of 1992/03/31 as follows;

<u>CLAIM NAME/NUMBERS</u>	<u>EXPIRY DATE</u>	<u>OWNER</u>
Snowdrift 1-16, 17-21, 22-29	June 5/July 27, 1992	United Keno Hill Mines Ltd.
Mary E 1 & 2	August 30, 1992	Island Mining & Explor. Ltd.
Don 2-8	August 30, 1992	Island Mining & Explor. Ltd.
Wayne 2-6	August 30, 1992	Island Mining & Explor. Ltd.
Zap	March 2, 1993	Canada Tungsten Mining Corp.

The major commodities identified at this site are silver, lead, zinc, gold and tungsten. The minor commodity identified at this site is copper.

Mineralization in this area consists of galena, sphalerite, and tetrahedrite in a carbonate gangue.

CURRENT SITE CONDITIONS

The Wayne exploration site is less than one kilometre off Highway 11, an all weather road between Mayo and Keno Hill. The site is near the west end of the airstrip, approximately 8km west of the old mining community of Elsa.

Many old exploration trails on the west side of the airstrip have grown over allowing only very limited access for all-terrain vehicles. The vegetation makes access for full size vehicles essentially impossible.

The site topography is undulating and sloping gently to the northwest dropping towards the McQuesten River. The portion of the site near the airstrip is well-drained and granular at the surface. Within 2km to the northwest of the airstrip the site becomes poorly drained and boggy. Surficial soils are still quite granular but become more silty away from the airstrip.

The site is overgrown with black spruce, alder, and willow.

No surface water features were observed at this site.

According to the historical records the most recent work took place over 10 years ago in 1983. All work completed at these claims was either trenching , drilling, geochemical sampling or geophysical surveys. The only evidence of past activity are a few remaining trenches. Most of the trenching is growing over with vegetation and any evidence of past activity is difficult to find. No buildings or any other material associated with mineral exploration was found at this site.

RECOMMENDATIONS

Work originally conducted at this site involved clearing of access trails for trenching and drill sites. From the site inspection on 1993/07/21 only remnants of trails and trenching could be found. Vegetation has re-established itself on the trails and areas affected by trenching and any evidence of past activity is difficult to see. No other environmental damage was observed at this site.

There is no evidence indicating that there is any environmental damage to repair at this site and it is recommended that no site remediation work be contemplated at this site.

Summary

The most significant environmental damage at this site occurred from the trail construction and trench excavating. These areas are now covered with vegetation and no site remediation is recommended.

APPENDIX A

SITE LOCATION MAPS



SITE NAME: WAYNE

SITE NUMBER: 105M-13-2

MAP NUMBER: 105M

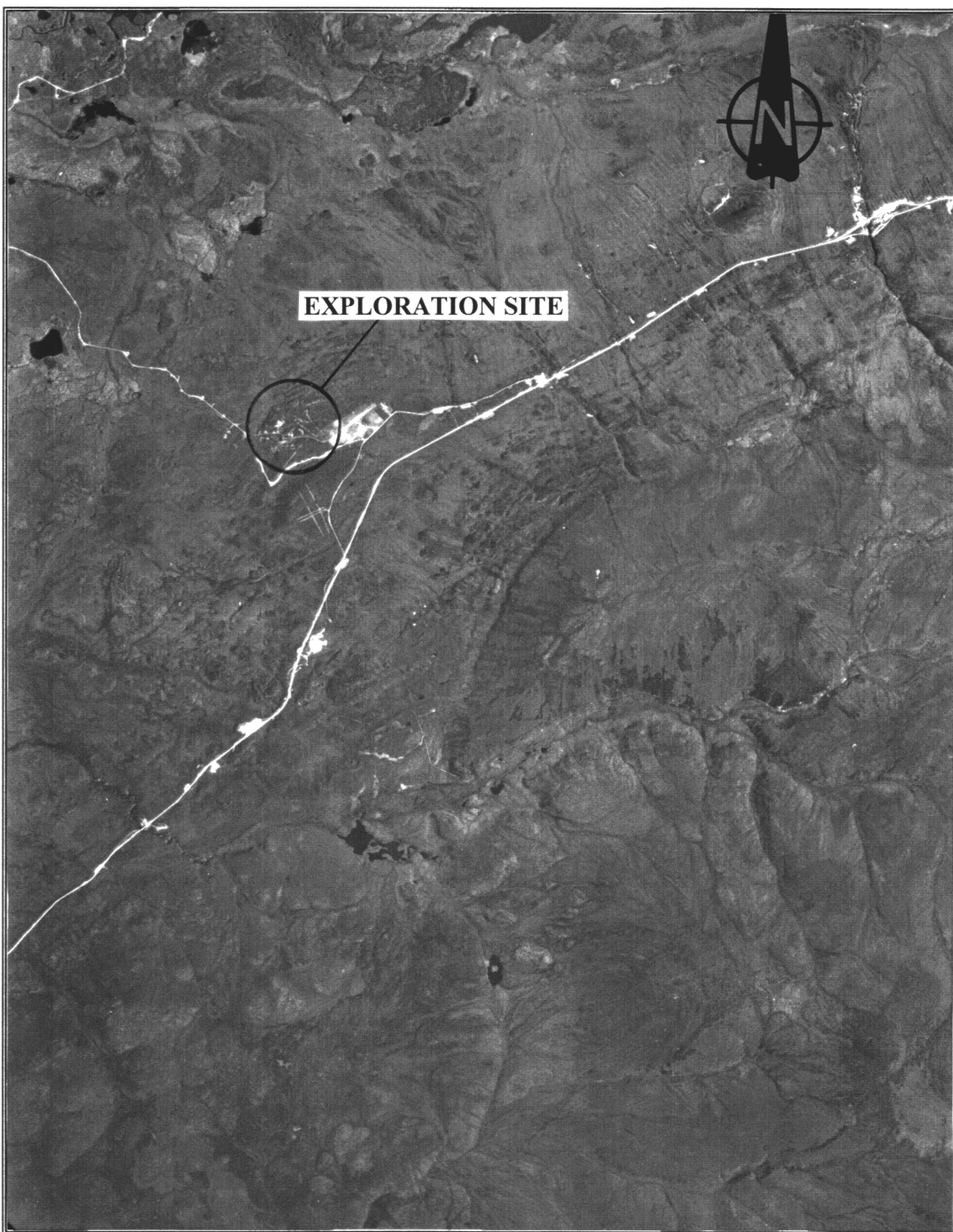
MAP NAME: MAYO

MAP SCALE: 1:250000

SITE LOCATION:

LATITUDE: $63^{\circ} 53'05''$

LONGITUDE: $135^{\circ} 40'28''$



SITE NAME: **WAYNE**

SITE NUMBER: **105M-13-2**

AIRPHOTO NUMBER: **A19980-45** YEAR: **1968**

AIRPHOTO SCALE: **1:56000**

SITE LOCATION: LATITUDE: **63° 53'05"**

LONGITUDE: **135° 40'28"**