

ASSESSMENT REPORT

105M-14-7

SEGSWORTH

PREPARED BY

DIAND TECHNICAL SERVICES

FEBRUARY, 1994

105M-14-7

SEGSWORTH

LOCATION

Latitude: 63° 56'50"N

Longitude: 135° 10'10"W

This old mine site is located approximately 7.5km northeast of the community of Keno Hill. The site is located between Monument Hill and Caribou Hill, on the north slope of Keno Hill in the Gustavus Range, near the headwaters of Silver Basin Gulch. The site is between 1450-1500m 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 105M 062 is presented below.

September, 1919 - First staked as Caribou claims by J. Fawcett.

1920 - The site was explored with a 13.7m adit by Yukon Gold Co. under an option.

December, 1924 - Restaked by Fawcett as Caribou claims and optioned by Treadwell Yukon Co. Ltd.

1926-1928 - Treadwell Yukon Co. Ltd. explored with 40.2m of drifting and mined 78.9 tonnes of ore.

January, 1952 - Optioned by United Keno Hill Mines Ltd. which explored with a 8.2m adit and dozer trenching in a new location to the southwest.

1960 - The claim was taken to lease (Lot 926) and was owned by R.L.Segsworth (40%) and E.H. Barker (60%) in 1968.

September, 1976 - The claim was purchased by Conwest.

1979 - Canada Tungsten Mining Corporation Ltd. tied on BE claims to the east and performed mapping and geochemical sampling.

1986 - The claims were optioned to Dawson Eldorado Mining Ltd.

CLAIMS STATUS

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

<u>LEASE NAME/NUMBERS</u>	<u>EXPIRY DATE</u>	<u>LESSEE</u>
Caribou (Lot 926, Group 1054)	December 30, 2002	Conwest Exploration Co. Ltd. 465128 Ontario Ltd. Central Pacific Ltd. International Mogul Mines Ltd. Chomo Gold Mines Ltd.

The major commodities identified at this site are silver, lead, and zinc.

Mineralization consists of minor galena, tetrahedrite, and sphalerite. The Treadwell adit on the north side of the claim is on an east trending longitudinal-type vein, while the United Keno adit, about 300m to the southwest, appears to be on a transverse vein.

CURRENT SITE CONDITIONS

The Segsworth exploration site is accessible from the community of Keno Hill via a road that leads to Keno Summit and Monument Hill. This road is accessible to two wheel drive vehicles. Past Monument Hill the road deteriorates into a one lane dozer trail that steeply descends the north side of Keno Hill and switches back on the slope ending at the old exploration site on the face of the slope near the headwaters of Silver Basin Gulch Creek. The portion of the trail past Monument Hill is extremely rough and steep and accessible only to all terrain vehicles.

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

The site is quite high, is above treeline, and is covered with short grasses, willows, and alpine vegetation.

The exploration site is at the contact of a talus slope and exposed bedrock in what appears as an old cirque. No surface water was present at the elevation of the exploration site and the only surface water in the area is from local snowmelt.

Physical development as noted in the history of the site, took place a long time ago. This was obvious at the time of inspection on 1993/07/23. Development that has taken place in the past included;

- a minor amount of trenching, and
- development of two (and possibly three) adits.

Remnants of two adits were found to be collapsed, with possibly a third adit on the face of the slope. A structure on a near vertical rock face, much higher than the other two adits, appeared to be the entrance and a dump for another adit. The third site was inaccessible and could not be reached safely (see photographs). From an inspection of the area, the only remains of past activity included;

- a few metres of rail past one of the collapsed adits,
- small piles of waste rock dumped downslope of the adits, and
- some minor amount of mounding from the trenching.

Whether or not the third site high on the rock face was part of the Segsworth site was unclear and difficult to determine. However, this siting is being included as part of this report.

The predominant feature from past activity in the area is the poorly defined access trail down the steep valley. This trail was constructed a long time ago with minimal disturbance to the surrounding terrain, and has grown over with local vegetation. Only small "cut" slopes are evident. No terrain instability was apparent.

The only other evidence of site disturbance was found at the entrance to the adits. A few pieces of old rail are still at the entrance to one adit, and small piles of waste rock were spilled below these adits. Nothing else was found from any past activity.

RECOMMENDATIONS

The most impact at this site has been caused by the trail development and trenching in the area. Since this work took place many years ago, the roadbed has grown over with local vegetation and has effectively recovered from any disruption in the past. It is recommended that these trails and remnants of trenching be left to allow the revegetation to continue at this remote site.

The only other remaining infrastructure impacting the environment at this site is the remaining rail. This material has a **VERY LOW** impact on the environment and it is recommended that this material be removed from the site only if a general clean-up program has been initiated in the area.

The structure on the face of the slope is inaccessible and cannot be safely reached. It is recommended that this structure be left in place.

SUMMARY

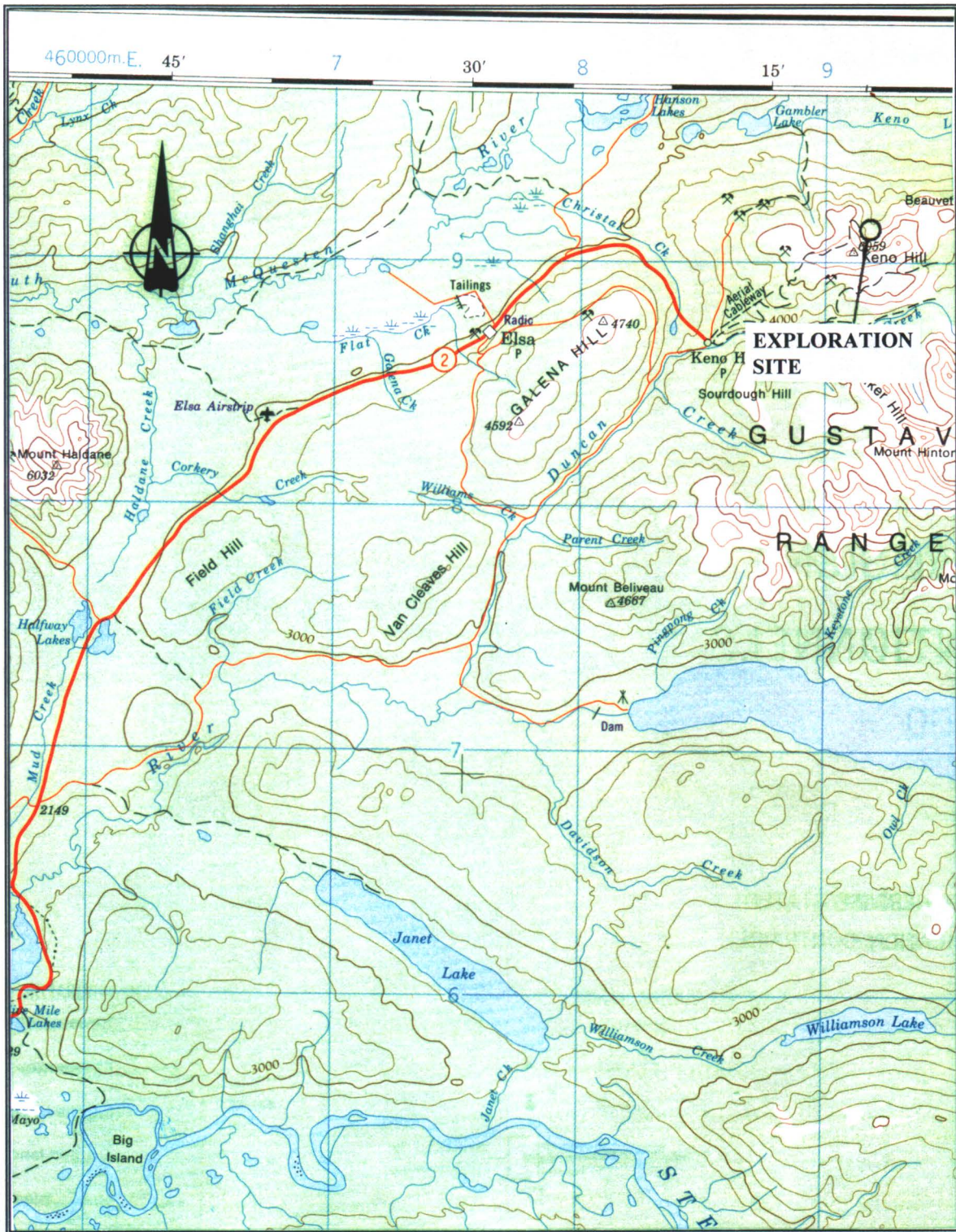
The most significant environmental damage at this site occurred at one time was from the trail construction and trench excavations. The trail and trenches are now overgrown with vegetation and there does not appear to be any remaining impact on the environment from this activity.

Removing the one structure from the rock face is not considered practical and should not even be contemplated.

The only remaining material, a few rails left at one of the adits, would be considered a **VERY LOW** priority for clean-up. If this was contemplated, it would be best done using a helicopter to avoid disturbance to the overgrown access trail.

APPENDIX A

SITE LOCATION MAPS



SITE NAME: **SEGSWORTH**

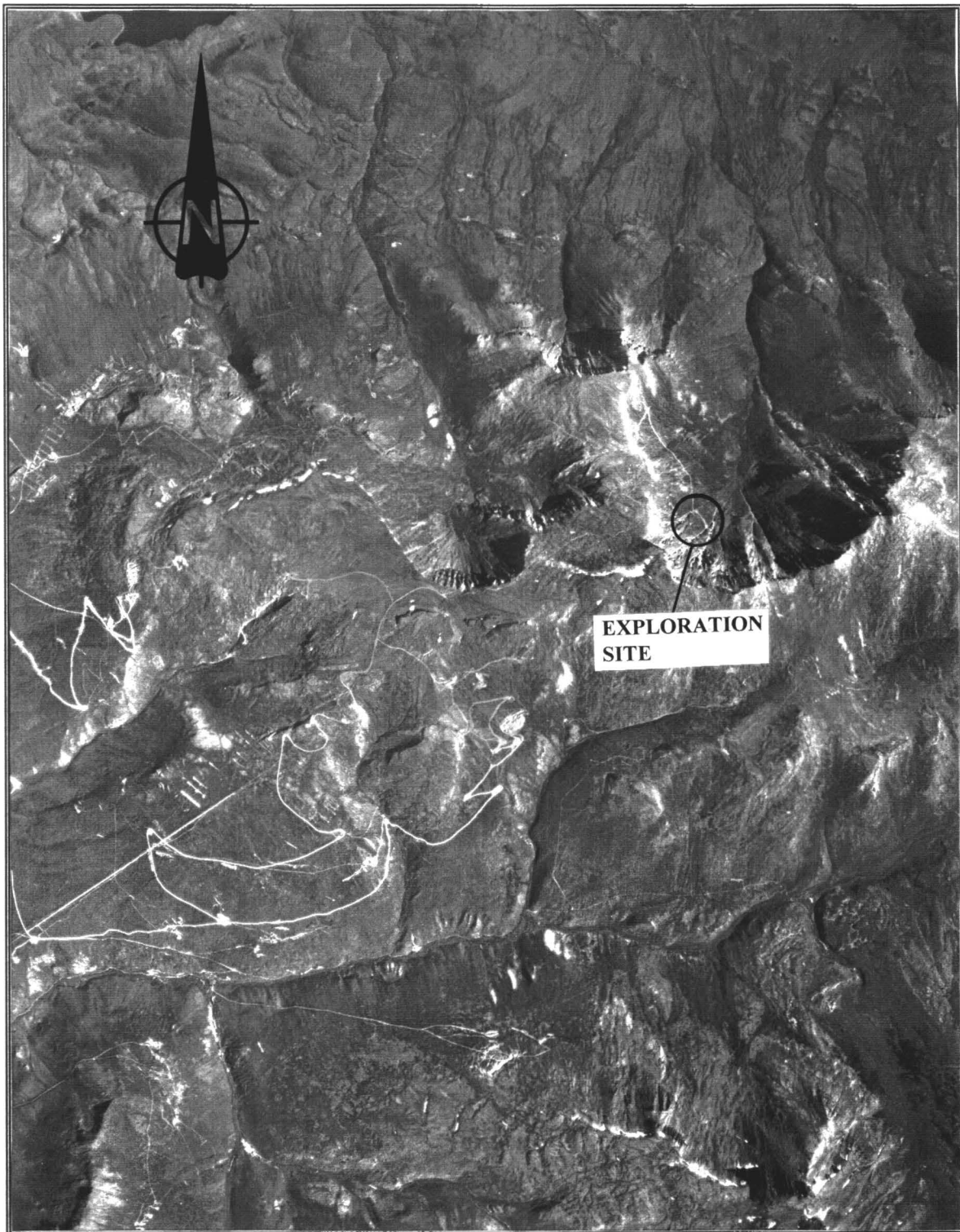
SITE NUMBER: **105M-14-7**

AIRPHOTO NUMBER: **A19980-11** YEAR: **1968**

AIRPHOTO SCALE: **1:56000**

SITE LOCATION: LATITUDE: **63° 56' 50"**

LONGITUDE: **135° 10' 10"**



SITE NAME: **SEGSWORTH**

SITE NUMBER: **105M-14-7**

MAP NUMBER: **105M**

MAP NAME: **MAYO**

MAP SCALE: **1:250000**

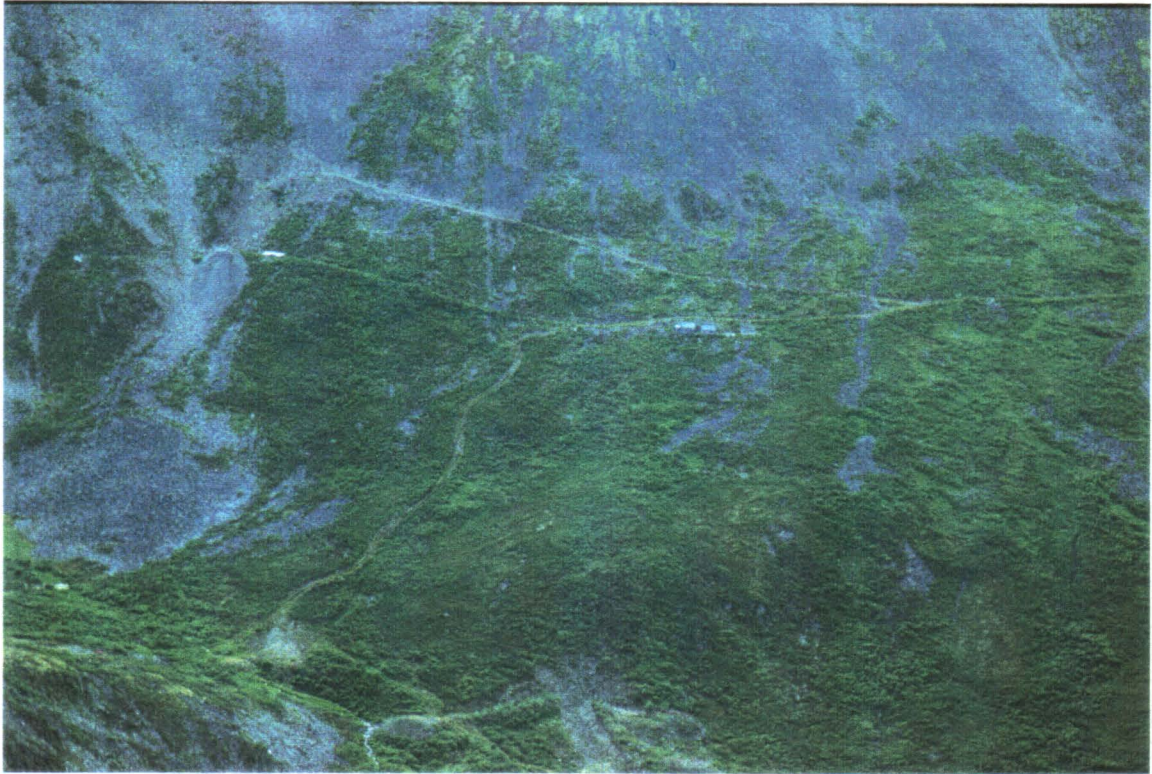
SITE LOCATION:

LATITUDE: **63° 56'50"**

LONGITUDE: **135° 10'10"**

APPENDIX B

SITE PHOTOGRAPHS



ACCESS ROADS TO SITE



ACCESS ROADS TO SITE



SEGSWORTH EXPLORATION SITE (NOTE SMALL WASTE PILE)



ADIT AND DUMP STRUCTURE ON ROCK FACE



ROCK WASTE, RAIL, AND COLLAPSED BUILDING AT ADIT



COLLAPSED ADIT