

LOG NO: 0914	RD.
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GEOLOGICAL  
ASSESSMENT REPORT ON THE  
ANTELOPE #30 FR. CLAIM  
ROSSLAND, BRITISH COLUMBIA

Trail Creek Mining Division  
NTS: 82 F/4 W  
Latitude: 49° 05' North  
Longitude: 117° 46' West

FILMED

Owners: Antelope Resources Inc.  
P.O. Box 669 2038 Washington St.  
Rossland, B.C. V0G 1Y0

Bryndon Ventures Inc.  
Suite 300 - 837 Homer Street  
Vancouver, B.C. V6B 2W2

Operator: Antelope Resources Inc.  
P.O. 669 2038 Washington St. BRANCH  
Rossland, B.C. V0G 1Y0 REPORT

Author: Tom Lewis  
Contract Geologist

June 15, 1989

19,053

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## INTRODUCTION

The author was engaged by the Operator of the Antelope #30 Fraction claim to conduct a geological survey of the aforementioned claim, for the purpose of submitting the findings in report form to satisfy the assessment work requirements for the claim.

## LOCATION AND ACCESS

The claim is located 1.5 kilometres northeast of the city of Rossland, in the Trail Creek Mining District, British Columbia. The claim lies at an elevation of 842 -874 metres above sea level on the eastern slopes of Columbia Kootenay mountain, at a latitude of 49° 05' North, and a Longitude of 117° 46' West. All portions of the claim are contained on NTS map sheet B2F\4 W. Access to the claim is quite good, and it can be reached via the trails in the vicinity of the old mining school in Rossland, or via a farmers' laneway off the Schofield Highway, just to the west of Milkranh Creek. (Figure 1)

## PROPERTY

The property consists of one Crown fractional mineral claim, staked June 18, 1988 by Dan Werle, as agent for Antelope Resources Inc. (Figure 2) The claim is bounded on the west and north by

mineral claim L. 1298 (Mascot Fr.), and on the east and north by mineral claim L. 3285 (North Columbia Fr.). To the south the claim is bounded by 2 post claim ARR 19 (908). The claim was recorded on June 20, 1988, and is presently in good standing.

#### HISTORY

The Lily May claim was the first recorded in the Rossland district, after gold and silver were found there in 1887 -1889. This was followed by the discovery and development of the Le Roi, Centre Star, War Eagle, and other rich mines of the Rossland camp, approximately 2 kilometres to the west, which produced over 3,000,000 ounces of gold and an equal amount of silver until their closure in 1928.

The fractional claim has no history as such, but, the adjoining Mascot claim was the subject of a good deal of exploratory, and development work, having two tunnels driven in, and several shafts sunk. Also, the Columbia Kootenay mine, some 400 metres to the west has seen a considerable amount of mining activity take place on the claims it is situated on, since the first development work in 1895.

#### PHYSIOGRAPHY AND VEGETATION

The eastern half of the claim is of gentle slope, while the western half is considerably steeper, being in the order of 30 degrees slope on the whole. Total relief is approximately 32

metres. The vegetation covering the claim consists mainly of Poplar, and Birch, with the odd conifer. On the steeper slopes Alder grows quite thickly.

#### GEOLOGY

The claim is covered by a blanket of glacial drift to the southeast, where no outcrop was encountered during traverses. On the westerly, and more northerly portions of the claim area outcrop was encountered, although it was somewhat limited. Several older trenches were encountered, but, they provided only limited information as they have been filled in to a considerable degree. Often enough however a good exposure of rock was to be found on either, or both sides of the trenches. (Figure 3)

The claim is underlain by granodiorites of the Trail Pluton, of Upper Jurassic, to Lower Cretaceous in age. There is variation in the size of phenocrysts, as well as the percentage of mafic minerals present in the rock at various locales, suggesting that the area of investigation is proximal to the contact of the pluton, with the surrounding country rock. The rock can generally be described as being granular, with fine to medium grain size. Mafic minerals constitute approximately 40% of the rock. Pyrite is almost ubiquitous, and occurs in concentrations from 1 - 2%, while chalcopyrite occurs locally only, and in trace amounts. Magnetite concentrations vary, and

was not present in the Northern most corner of the claim. Typically it is very fine grained, and disseminated throughout the rock, but, it was noted to be in blebs, and bands in one sample. No particular structural lineations of interest were noted.

#### ROCK GRAB SAMPLES TAKEN

T003

T004

T005

All samples shipped to Barringer Laboratories  
Calgary, Alta. June 07, 1989, for fire assay  
determination of Au. content.  
(Figure 4)

#### CONCLUSION

Although the claim is in the proximity of mines which have in the past produced significant amounts of ore, its' small size, and overall distance from the Operators' holdings in the area, preclude doing any further work on it at this point, especially since no anomalous amounts of precious metals were detected in the study conducted by the writer.

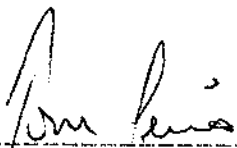
ITEMIZED COST STATEMENT

Geological Mapping	(1 day x \$125.00)	\$125.00
Sample Costs	Prep (3 x \$3.25)	9.75
	Assay (3 x \$7.50)	22.50
Sample Shipment		5.00
Transportation		10.00
Report Writing	(1/2 day x \$125.00)	62.50
	TOTAL	\$234.75

CERTIFICATE OF QUALIFICATIONS

I, Thomas M. Lewis, of the City of Rossland, in the Province of British Columbia, do hereby certify that:

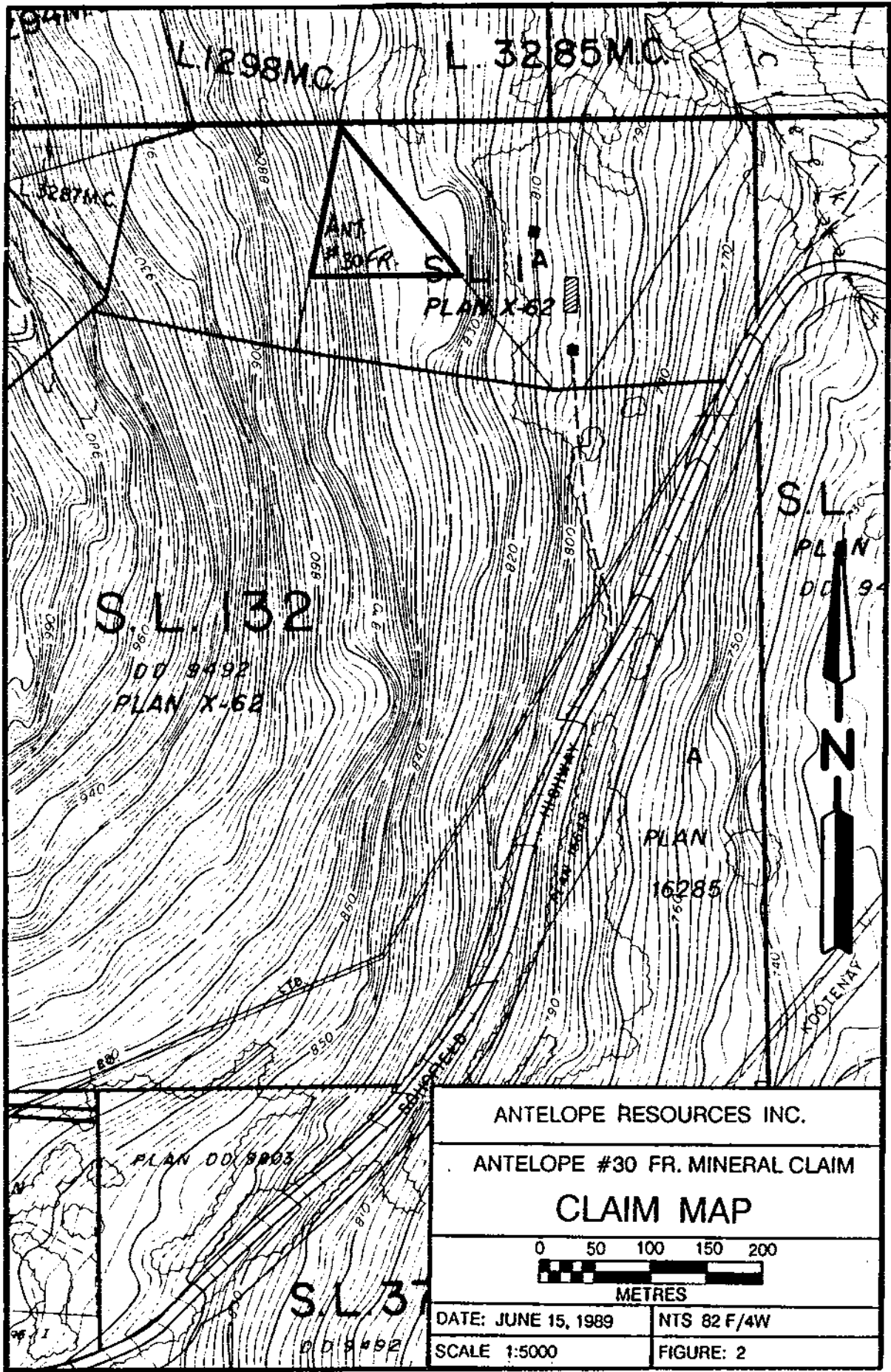
1. I am a contract geologist, operating out of 2065 Columbia Avenue, Rossland, British Columbia, V0G 1Y0.
2. I am a graduate of Brandon University, with a BSc. majoring in geology (1989), and a graduate of Mount Royal College, with a diploma in Petroleum and Mineral Land Management (1986).
3. I have been active in oil & gas exploration, and mineral exploration since 1975.
4. I am a member of the Geological Association of Canada, and the Prospectors and Developers Association of Canada.
5. This report is based on work done by myself, on the mineral claim.
6. I do not own, and do not expect to receive, any direct or indirect interest in the properties or securities of Antelope Resources Inc.

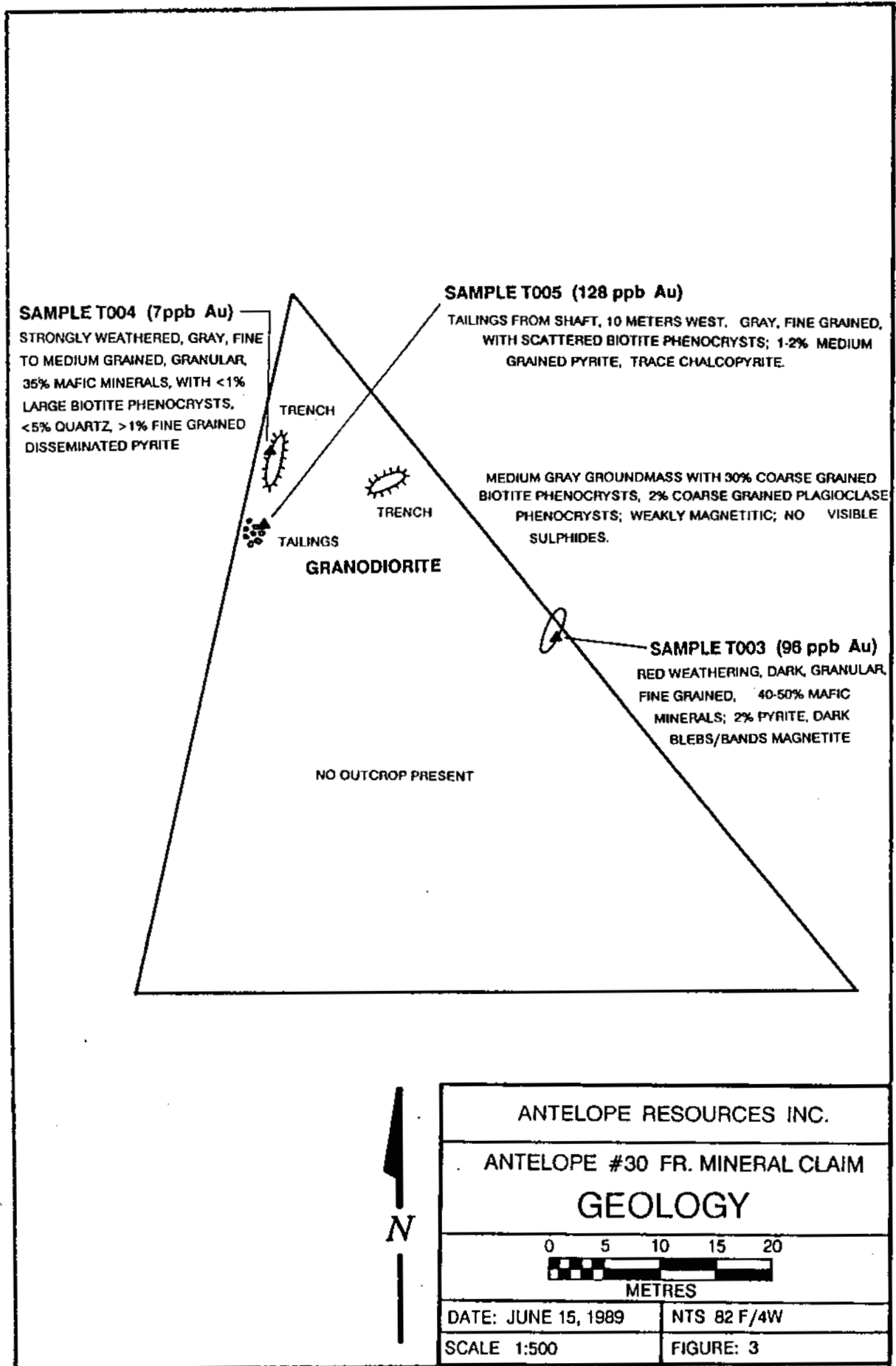
  
\_\_\_\_\_  
Thomas M. Lewis, BSc.





49°05'





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15-JUN-89

PAGE: 1 OF 2

COPY: 1 OF 2

AUTHORITY: TOM LEWIS

**ANTELOPE RESOURCES LIMITED**

BOX 669

ROSSLAND, B.C. V0G 1Y0

WORK ORDER: 6222D-89

\*\*\* FINAL REPORT \*\*\*

**GEOCHEMICAL LABORATORY REPORT**

SAMPLE TYPE: ROCK CHIP

FIRE ASSAY

AU

PPB

S A M P L E N U M B E R

T:	3	96.0
T:	4	7.0
T:	5	128.0
T:	6	46.0
T:	7	17.0
T:	8	156.0
T:	9	5.0
T:	10	8.0
T:	11	3.0
T:	12	10.0
T:	13	4.0
T:	14	98.0
T:	15	3360.0
T:	16	410.0
T:	17	4200.0
T:	18	6820.0
T:	19	118.0
T:	20	33.0
T:	21	70.0
T:	22	326.0
T:	23	224.0
T:	24	7.0
T:	25	15.0
T:	26	2950.0
T:	27	68.0