


EQUITY SILVER MINES	
SUN GROUP	1
CLAIM MAP	
0 500 1000 1500 2000 2500  SCALE 1:50000 (metres)	
Drawn by: M. Pym NTS:104J/5W	

861442

### 1.1 Property Geology

According to Gabrielse (1963), the property is underlain by Atan Group limestone, dolomite and minor shale of Early Cambrian age. The Atan limestone is part of a block-faulted anticlinal structure flanked to the west by Kechika Group phyllites.

### 1.2 Mineralization/Alteration

Sphalerite and galena occur as pods and disseminations and in veinlets hosted by massive to thin-bedded Atan Group limestone. These sulphides form resistant ridges giving the limestone a light brown and grey ribboned appearance. Secondary hydrozincite commonly occurs in lead-zinc mineralized outcrops. Minor gypsum-carbonate veining also outcrops on the property.

### 1.3 Property History

The Consolidated Mining and Smelting Company examined the area in 1951 for its copper potential. In 1951, G. Hope staked the copper showing now covered by the Sun property.

**1.3 Property History (continued)**

Amoco Canada explored the property during the late seventies. The program consisted of soil and silt sampling, geological mapping and sampling, and three diamond drill holes.

**1.4 Capsule Comment**

Chalcopyrite occurrences are exposed in roughly the same stratigraphic position in calcareous phyllites of the Kechika Group in a zone extending for at least 12 miles northwest from Hidden Valley Creek. Atan Group rocks flank the Kechika Group rocks and have several occurrences of silver-lead-zinc mineralization replacing dolomitized limestone and quartzite.

1.6 References

Pantaleyev, A.

1983        1978 Atan (104P/1E). B.C. Ministry of Energy,  
Mines and Petroleum Resources, 1983, Geology in  
British Columbia, pages 187 - 188.

Pantaleyev, A.

1970        Geology, Exploration and Mining in B.C.  
B.C. Department of Mines and Petroleum  
Resources, 1970, page 38.

Op. Cit.

1972        Page 539.

Gabrielse, H.

1963        McDame Map Area, Cassiar District, British  
Columbia. Geological Survey of Canada,  
Memoir 319, 138 pages.

SUN GROUP PROJECT  
3 DAY FLY-CAMP  
PRELIMINARY BUDGET

**Personnel:**

Reconnaissance H.M.C.	2 crew\days	\$ 1,200
Geological	3 crew\days	1,800
Channel Sampling	1 crew\day	600

**Analytical:**

H.M.C.	10 samples	1,000
Rocks	30 samples	450

**Transportation:**

Helicopter	4 Hours	2,600
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SUBTOTAL	7,650
Plus 10% contingency	765

<b>TOTAL</b>	<b>8,415</b>
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