

681247
ESP claims
92H

"ESP" MINERAL CLAIM GROUP

LOCATION

This property is located 23 miles north of Princeton and west of Missezula Lake on the boundary of the Nicola and Similkameen Mining Divisions. Claims owned by Adonis Mines Ltd. (Amax option) lie to the south and west and by Primer Group Minerals Ltd. to the east. The ESP group encloses 13 claims owned by Adera Mining Ltd.

PROPERTY

<i>Part in line of work</i>	234 No. of Claims:	126
<i>Expire: March 5/73</i>	Record Date:	March 5, 1971
<i>ESP #s. Rec. #s.</i>	Record Numbers:	Not Received
<i>43-46 48449-52</i>	Owner:	Peregrine Exploration Ltd. 1418 - 355 Burrard Street Vancouver 1, B.C.
<i>33-38 31362-67</i>		
<i>49-50 31378-79</i>		
<i>#58 48480</i>		
<i>73-80 31386-93</i>		
<i>96-7 48498-99</i>		

REGIONAL GEOLOGY AND MINERAL DEPOSITS

The ESP claims are located in the Princeton copper district which is defined by a belt of north-NW trending "Nicola" volcanic and later intrusive rocks approximately 60 mi. by 20 mi. with the town of Princeton in the south central part. In recent years considerable local exploration activity has been directed toward the discovery of large volume "porphyry copper" deposits. During late 1970 and early 1971 exploration and property acquisition activities have become

intense as the result of a new discovery by Amax Exploration on ground optioned from Adonis Mines Ltd.

There are numerous copper deposits and prospects in the Princeton area; the most important of these are as follows:

Copper Mt. Mine; Granby Mining and Smelting Company, produced more than 600,000,000 pounds of copper between 1925 and 1944.

The Ingerbelle Deposit; (near Copper Mt.) has a reserve of 70 million tons of ore grading .53% Cu. Similkameen Mining Company (Newmont) is presently developing an open pit mine to produce 15,000 tons of crude ore per day from the Ingerbelle.

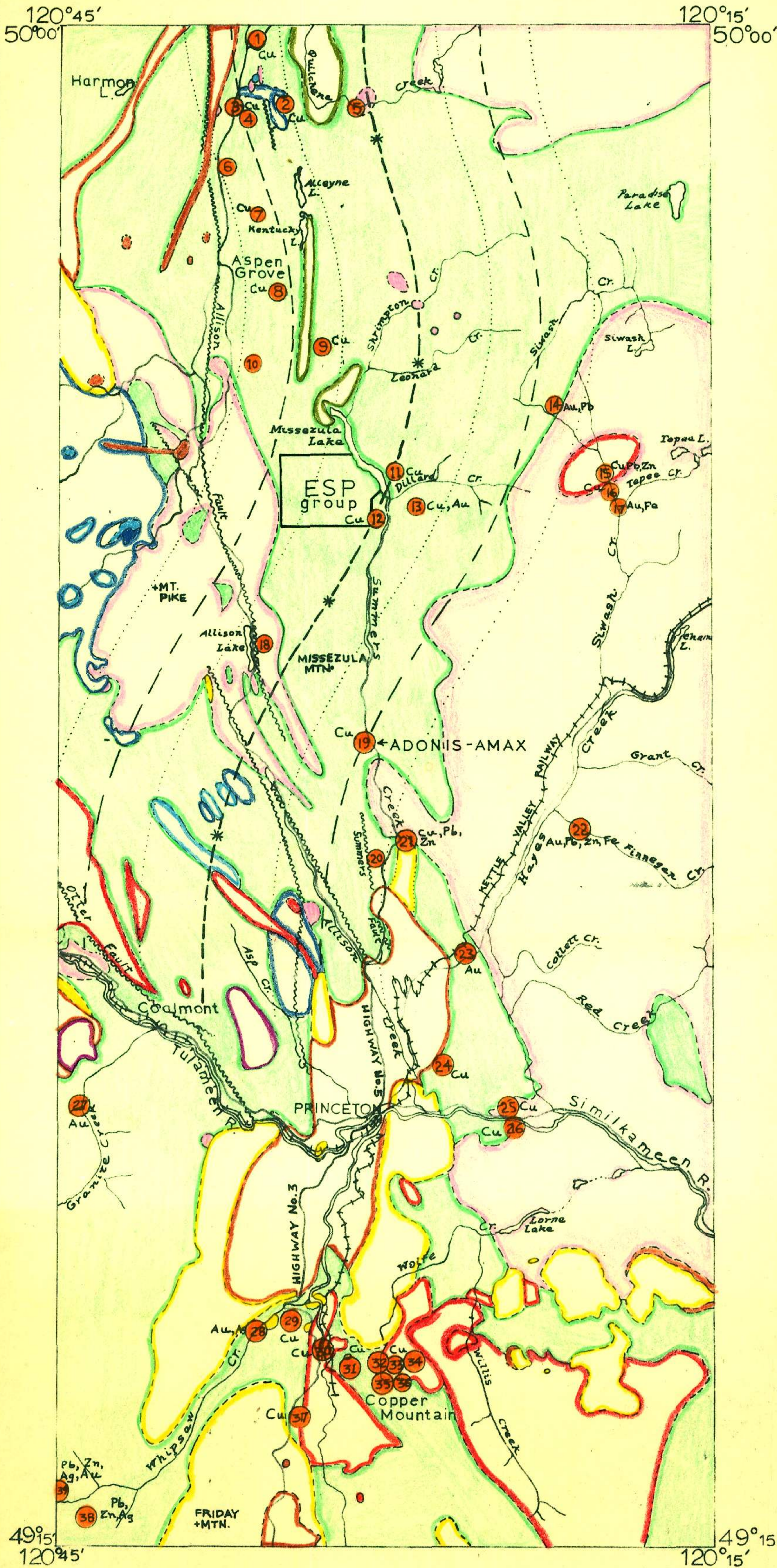
Amax - Adonis Prospect; this is located immediately west of Summers Creek in the Missezula Mt. Area. It is reported to contain about 48 MT grading .48% Cu.

GEOLOGY OF ESP CLAIMS

The property is underlain by favourable volcanic rocks of the Nicola group on the west flank of a north trending syncline and lies along the northward projection of the Summers fault. Intrusive rocks outcrop immediately to the west. The Amax - Adonis prospect lies about 7 miles to the south in a structural setting that is generally similar.

Copper mineralization is known to occur at
3 locations immediately east of the ESP claims.

PEREGRINE EXPLORATION LTD.



LEGEND

TERTIARY

MIOCENE or LATER

- Valley basalt
- Plateau basalt

MIOCENE or EARLIER

- Shale, sandstone, conglomerate, coal
- Varicoloured andesite and basalt

CRETACEOUS or TERTIARY

UPPER CRETACEOUS or LATER

- Granite, granodiorite, quartz diorite

CRETACEOUS

LOWER CRETACEOUS

- Volcanic breccias; andesite and basalt porphyry
- Hard, red andesite and basalt

JURASSIC or LATER

- COPPER MOUNTAIN INTRUSIONS: syenogabbro, augite diorite, pegmatite
- COAST INTRUSIONS: mainly granite and granodiorite

TRIASSIC

UPPER TRIASSIC

- NICOLA GROUP volcanics; chlorite and sericite schist

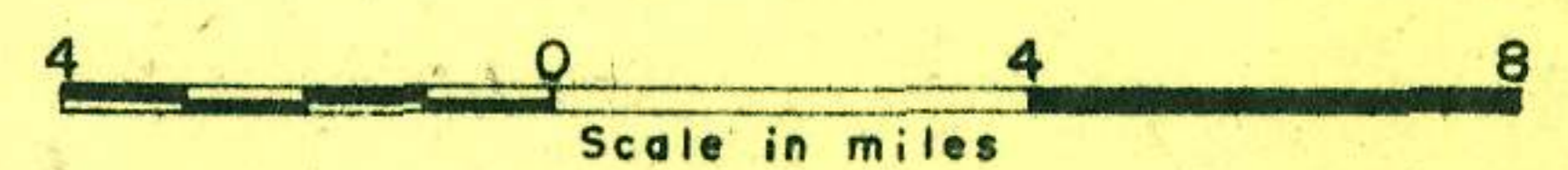
- Fault
- Mineral occurrence 4 Cu
- Synclinal axis

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PRINCETON AREA, B.C. (N.T.S. 92-H, E 1/4)

MINERAL CLAIMS and GEOLOGY

Nicola and Similkameen Mining Divisions
British Columbia



MARCH, 1971.

