

"PER" MINERAL CLAIM GROUPLOCATION

This property is located 5 miles north of Princeton, west of Highway No. 5 in the Similkameen Mining Division. Claim blocks owned by Bethlehem Copper Corp. Ltd. and Anaconda American Brass Ltd. lie immediately to the east and south of the PER group.

PROPERTY

No. of Claims:	62
Record Date:	February 24, 1971
Record Numbers:	Not Received
Owner:	Peregrine Exploration Ltd. 1418 - 355 Burrard Street Vancouver 1, B.C.

REGIONAL GEOLOGY AND MINERAL DEPOSITS

The PER claims are located in the Princeton copper district, which is defined by a belt of north to NW trending "Nicola" volcanics 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 PER CLAIMS

The property is underlain by favourable volcanic rocks of the Nicola group which are partly covered by younger sedimentary and volcanic rocks. It is situated on the east flank of a N trending syncline about 4 miles from its axis. The Amax - Adonis deposit 8 miles to the North is similarly located on the same fold structure. Intrusive rocks outcrop

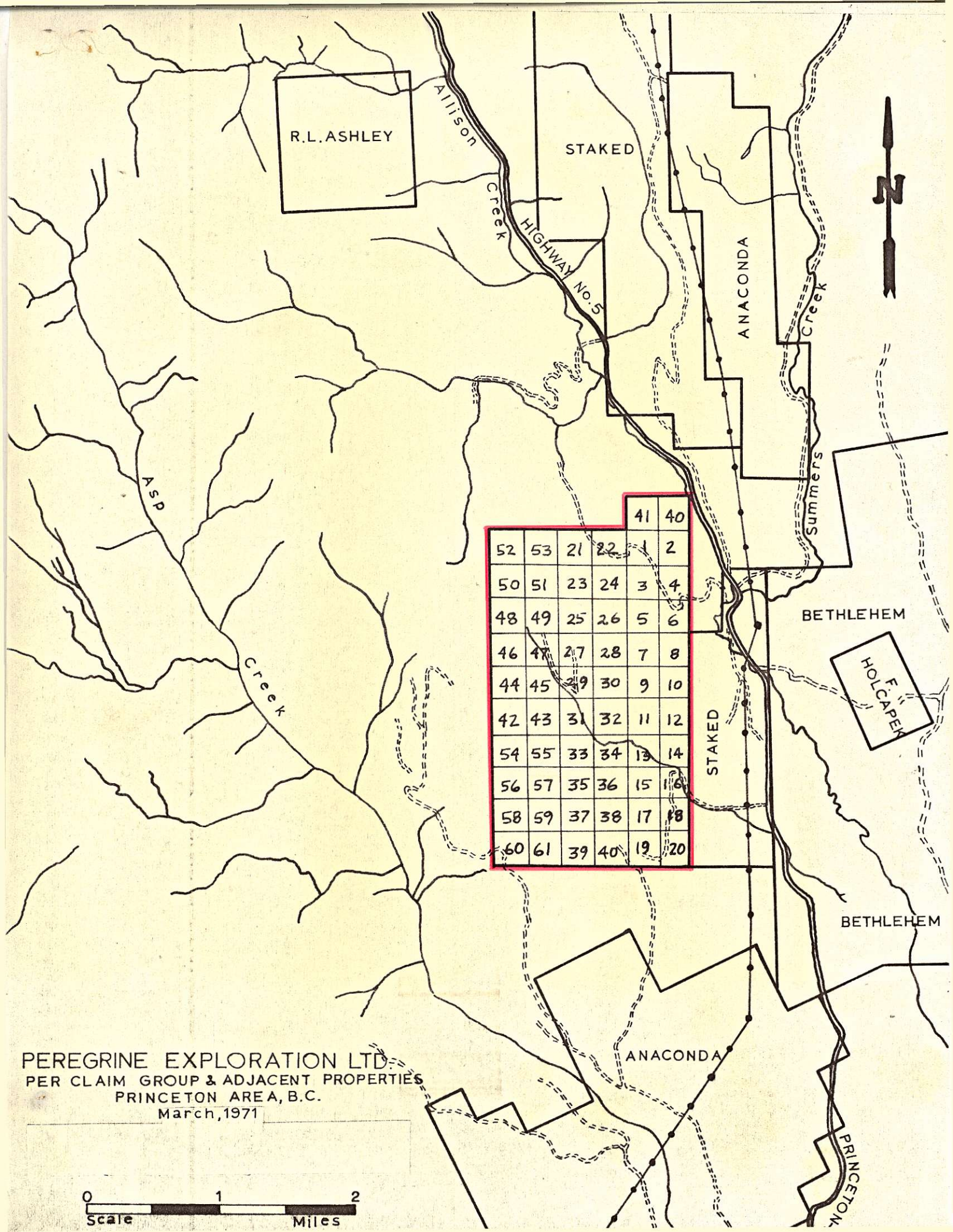
"PER" MINERAL CLAIM GROUP

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on the northwest corner and the Allison Creek fault lies immediately to the northeast. The Ingerbelle and Copper Mt. deposits are 11 miles to the south.

PEREGRINE EXPLORATION LTD.





R.L. ASHLEY

STAKED

Allison Creek

HIGHWAY No. 5

ANACONDA

Summers Creek



ASP

Creek

BETHLEHEM

HOLCAPEK

				41	40
52	53	21	22	1	2
50	51	23	24	3	4
48	49	25	26	5	6
46	47	27	28	7	8
44	45	29	30	9	10
42	43	31	32	11	12
54	55	33	34	13	14
56	57	35	36	15	16
58	59	37	38	17	18
60	61	39	40	19	20

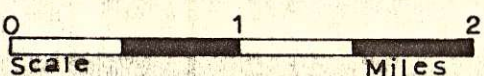
STAKED

BETHLEHEM

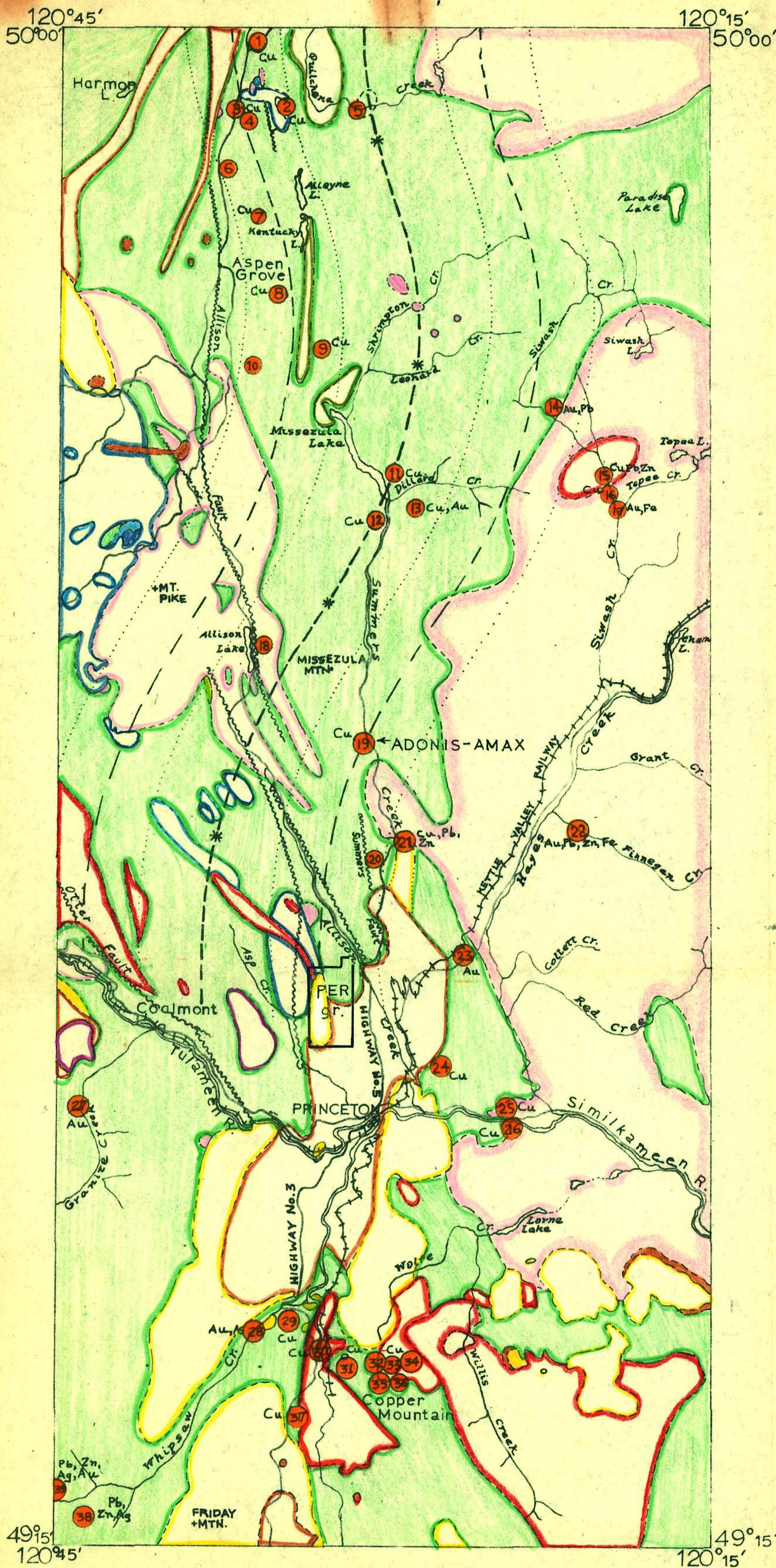
ANACONDA

PRINCETON

PEREGRINE EXPLORATION LTD.  
 PER CLAIM GROUP & ADJACENT PROPERTIES  
 PRINCETON AREA, B.C.  
 March, 1971







**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 ..... wavy line

Mineral occurrence ..... circle with number

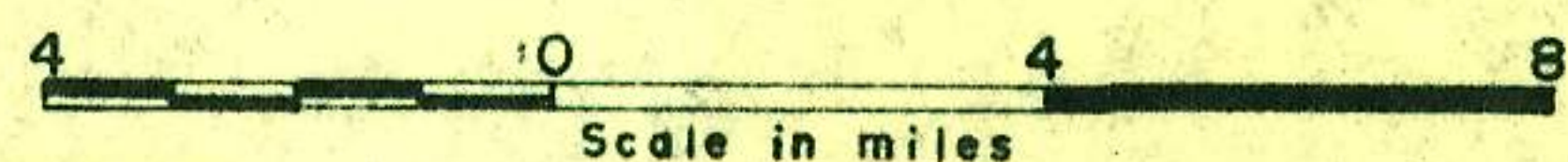
Synclinal axis ..... line with asterisk

**PEREGRINE EXPLORATION LTD.**

PRINCETON AREA, B.C. (N.T.S. 92-H, E 1/2)

**MINERAL CLAIMS and GEOLOGY**

Nicola and Similkameen Mining Divisions  
British Columbia



MARCH, 1971.

