

PEREGRINE EXPLOATION LTD.

PRINCETON AREA: MINERAL CLAIMS

TO: A. F. Reeve  
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Vancouver, B.C.

PER MINERAL CLAIMS (62)LOCATION - ACCESS - SIZE

The Per Group enclosing 62 mineral claims is located five miles north of Princeton west of highway number five, in the Similkameen Mining Division. The claim block is six claims wide (East-West) and ten claims long (North-South) (See accompanying sketch). The northern part of the claims may be reached via a logging road from the junction of Summers Creek and highway number five. North of the Princeton Airport a logging road trending northwest crossing the southern part of the claim block.

The Per Group was recorded on February 24, 1971 at Princeton and the claims were located on the 13th, 14th and 16th of February.

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PER MINERAL CLAIMS (CONT'D)

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GENERAL GEOLOGY

The northern half of the group is occupied by Nicola volcanic rocks (Upper Triassic). The Princeton Group comprised of shale, sandstone, conglomerate and coal (Tertiary) underlies the southern half of the claim block. It is possible that windows of Nicola volcanics are present in the area mapped as Tertiary. The western edge of the claim block enclosed the following rocks; from north to south; Kingsvale Group - volcanic breccia (Lower Cretaceous), Otter Intrusion-granite and granodiorite (Upper Cretaceous), and the Princeton Group - varicoloured andesite and basalt (Tertiary).

The Allison Creek Fault, which trends northwesterly, is north of the claim group. A northerly trending fault, which intersects the Allison Fault, is west of the property.

The Per Claims are 4 to 5 miles east of the axis of a major syncline of the Triassic Nicola volcanics, hereafter called the Missezula Syncline. Amax has proved up 4~~4~~ 4,000,000 tons of 0.48% copper on the Axe Property optioned from Adonis Mines Ltd. The deposit is situated on the east limb of the Missezula Syncline 4 miles east of its axis.

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PER MINERAL CLAIMS (CONT'D)

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COMPANIES HOLDING ADJACENT GROUND

Anaconda owns a large block of mineral claims situated south of the Per Group and a smaller block northeast of it. Bethlehem's extensive holdings are to the east of the Per claims. Immediately east and north of the property are claims which were staked in the winter of 1971.

Joy Mining Ltd. has a very large claim block located two and a half miles east of the Per property. They have an agreement with Selco to spend \$250,000.00 on the property.

Amax has proved up 4~~B~~000,000 tons of 0.48% copper on ground optioned from Adonis Mines. The deposit is located eight miles north of the Per Group. Both the Per claims and the Amax deposit are on the east limb of the Missezula Syncline in the Nicola volcanics, approximately 4 miles east of its axis.

ESP MINERAL CLAIM GROUP (126)

LOCATION - ACCESS - SIZE

The ESP Group of 126 mineral claims is located twenty-five miles north of Princeton west of the southern half of Missezula Lake, on the border of the Nicola and Similkameen Mining Divisions. The claim block has an irregular outline but in general terms is 14 claims long (east-west) and a maximum of 10 claims wide (north-south).

Access to the property is supplied by a dirt road from highway number five approximately five miles south of Aspen Grove. The western part of the claim block on Missezula Lake may be reached by a gravel road from highway number five along Summer's Creek to Missezula Lake.

The ESP claims were recorded on March 5, 1971

GENERAL GEOLOGY

Nicola volcanic rocks (Upper Triassic) underlie the ESP claim block. Granite and granodiorite of the Jurassic Coast Intrusions intrudes the Nicola volcanics near the western boundary of the ESP block.

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ESP MINERAL CLAIM GROUP (CONT'D)

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The property is located on the west limb of the Missezula Syncline and is a maximum of 4 miles west of the Axis.

COMPANIES HOLDING ADJACENT GROUND

Amax holds an option on the Adonis ground which is located to the south and west of the ESP claim block. To the east of the property are Delkirk Mines and Primer Minerals Ltd., both have copper showings, which have been explored by diamond drilling.

Amax's 4~~B~~000,000 tons of 0.48% copper is 8 to 9 miles south of the ESP block. Nine strike and four Spike claims owned by Plateau Metals and Adera Mining are enclosed by the ESP claim block on all but the north side. They have been explored by diamond drilling and trenching. The Spike claims are in good standing until August 23, 1971 and the Strike claims are valid up to May 26, 1974. (See Accompanying maps)

COPPER MINERAL OCCURRENCES

The Upper Triassic Nicola volcanics are the  favored host rock of copper mineralization north of Princeton. The locations of these occurrences are shown on an accompanying 1" = 4 mile map.

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ESP MINERAL CLAIM GROUP (CONT'D)

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The 48,000,000 tons of 0.48% copper drilled off by Amax is on the east limb of the Missezula Syncline (Nicola vol. Triassic) 4 miles east of the axis of the syncline. It is possible, that the volcanic horizons of the Nicola Group that are frequent hosts to copper sulfides outcrop 3 to 5 miles from the axis of the syncline. The Amax deposit indicates that favorable horizons outcrop on the east limb of the Missezula Syncline. A cluster of eleven copper occurrences east of Aspen Grove confine themselves to a strip 3 to 5 miles west of the syncline axis on the west limb. It is likely that the cluster of copper occurrences east of Aspen Grove is due to the exposure of the same favorable horizons on the west limb of the syncline.

Both the ESP and Per claim blocks are located along favorable parts of the west and east limbs of the Missezula Syncline, if the foregoing relationship is valid.

The copper mineralization east of Aspen Grove is reported to be hosted by andesite porphyry, porphyritic flow breccias and coarse grained andesite flows (at first glance appears as an intrusive diorite). The common minerals are chalcopyrite, chalcocite, and bornite which occur as disseminations and fracture fillings in Nicola volcanic rocks. The crew

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ESP MINERAL CLAIM GROUP (CONT'D)

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staking the ESP block observed outcrops, andesite flow breccias and coarse grained andesite flows. Also disseminated chalcopyrite was located in a coarse grained andesite outcrop (appears as an intrusive diorite) on the east shore of Missezula Lake on the Jack Group.

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<u>Locator</u>	<u>Date</u>	<u>Claim Names</u>	<u>Tag Numbers</u>	<u>Direction of Location Line</u>
O.S.H.	Feb. 13/71	Per #1-20	135101-135120M	South
L.P.D.	Feb. 13/71	Per #21-40	135121-135140M	South
O.S.H.	Feb. 14/71	Per #40-41	103306-103307M	North
L.P.D.	Feb. 16/71	Per #42-53	135142-135153M	North
O.S.H.	Feb. 16/71	Per #54-61	135154-135161M	South

Recorded at Princeton February 24, 1971.

FREE MINER'S CERTIFICATES

Peregrine	1418 - 355 Burrard Street	Feb. 5/1971	98685
O.S.Hairsine	1418 - 355 Burrard Street	May 7/1970	88171
L.P.Duquette	2794 Trinity Street	Apr.24/1970	87901

March 8, 1971  
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<u>LOCATOR</u>	<u>DATE</u>	<u>CLAIM NAMES</u>	<u>TAG NUMBERS</u>	<u>DIRECTION OF LOCATION LINE</u>
O.S.H.	Feb. 19/71	ESP #202-205	135162-135165M	Northwest
O.S.H.	Feb. 20	ESP #206-209	135166-135169M	Witnessed S35 <sup>o</sup> E
O.S.H.	Feb. 21	ESP #1-18	232701-232718M	East
E.B.	Feb. 21	ESP #19-32	232719-232732M	East
E.B.	Feb. 23	ESP #33-48	232733-232748M	East
O.S.H.	Feb. 25	ESP #49-56	232749-232756M	West
E.B.	Feb. 25	ESP #57-64	232757-232764M	West
O.S.H.	Feb. 25	ESP #65-72	232765-232772M	West
E.B.	Feb. 26	ESP #73-92	232773-232792M	East
O.S.H.	Feb. 26	ESP #93-100	232793-232800M	East
O.S.H.	Feb. 26	ESP #101	135141M )	
		ESP #102	103308M )	East
		ESP #103	103309M )	
		ESP #104	103310M )	
O.S.H.	Feb. 26	ESP #170-175	135170-135175M	West
O.S.H.	Feb. 28	ESP #107-111	103313-103317M	
	Feb. 28	ESP #112-114	135178-135180M	

RECORDED MARCH 5 1971

Free Miner's Certificates

O.S.HAIRSINE	1418 - 355 Burrard St.	May 7, 1970	88171
Peregrine	1418 - 355 Burrard St.	Feb 5, 1971	98685
Edward Balon	554 W. 22nd Avenue	Feb 5, 1971	98687