

Report on
COP-EX MINING CORPORATION LIMITED
JURA CLAIMS
Princeton, B.C.
N.T.S. 92-H-10
Vancouver, B.C.
August 28, 1972 M. McClaren

REPORT ON

COP-EX MINING CORPORATION LIMITED

JURA CLAIMS

PRINCETON, B.C.

N.T.S. 92-H-10

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Sketch Map of Working Area, Jura Claims

Two Claim Maps - Jura Claims

REPORT ON
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JURA CLAIMS

PRINCETON, B.C.

(A) LOCATION

The Cop-Ex claim group is located approximately seven miles north of Princeton on Christian Creek and covers ground both north and south of Jura (see accompanying claim maps). Access is by road from Princeton.

Exploration activity is presently being carried out on the Elk 3 and 4 claims, where both percussion and diamond drilling are in progress.

(B) HISTORY

The initial target which prompted exploration activity in the Jura area was an aeromagnetic discovered by Kennco Explorations in 1962. Follow-up by Kennco Explorations included the staking of claims in the southeast portion of the area now held by Cop-Ex.

In 1966 Amax Explorations conducted an aeromagnetic survey over the Princeton area which produced an anomaly over the ground covered by Cop-Ex claims. An agreement was made by Amax and Cop-Ex Mining Corporation Limited such that ground follow-up could be carried out by Amax. Follow-up work consisted of I.P., magnetometer and soil geochemistry surveys under the direction of Mr. Peter Fox.

The anomalous areas delineated by I.P. and soil geochemistry have been and are now being tested by trenching, percussion drilling and diamond drilling under the direction of Mr. Gerhard Von Rosen of Cop-Ex Mining Corporation Limited. At present, twenty percussion and two diamond drill holes have been completed.

(C) GEOLOGY

The working area (Elk 3 and 4) is underlain by volcanic rocks of the Nicola Group. The Nicola rocks are massive andesitic lavas and fragmentals which have been altered to epidote, calcite, chlorite(?) and magnetite. Sulphide mineralization has taken place after most of this alteration and accompanies a magnetite, pink feldspar, epidote, calcite alteration that has been developed on a conjugate fracture system.

The Nicola volcanics have been well fractured and are cut by numerous faults. The faults are northwesterly trending and west dipping. There is a distinct conjugate fracture set: N45W/NE and N40E/SW. The N45W fractures are the most prominent and it is along this set that sulphide mineralization is best developed.

The northeastern portion of the claim block is occupied by a biotite diorite to monzonite intrusive which is cut by aplite veins which contain minor pyrite. The Nicola volcanic - intrusive contact was not seen.

(D) MINERALIZATION

Chalcopyrite and magnetite occur either together or separately as very sparse disseminations and fine seams in the altered Nicola volcanic rocks. A moderate degree of oxidation has produced malachite, azurite, limonites and gypsum. The best mineralization exposed in the trenches (see sketch map) is localized in an area of pink feldspar alteration. This area of mineralization has a N65W trend and varies in width from trench to trench. In trench "C" the mineralization is 20 ft. in width and contains 0.3% Cu (visual estimation), while in trench "B" the mineralization is 10 ft. in width and contains 0.1% Cu (visual estimation). The mineralization did not appear in trench "A" or "B".

The mineralization is characterized by quartz veinlets up to ¼" in width and density of 1 ft. with magnetite and chalcopyrite irregularly dispersed throughout the veinlets. It is at the southern end of this zone where the present diamond drill set-up is located, presumably to try to intersect this mineralized area at depth. This mineralized area is localized and is contained within a 1600' x 1000' area outlined by an I.P. anomaly. This anomalous area has an overall low Cu content (.005% and less) as expressed by surface exposures.

The alteration and the proximity to intrusive rocks support the classification of this deposit as pyrometasomatic.

(E) RECOMMENDATIONS

Assays from core results have been reported by Mr. Von Rosen to range from 0.1% to 1% Cu, and the location of these results and their extent would be required to evaluate this property. Core and core assays were withheld and will be shown to persons with permission obtained from the president of the company, Mr. John Wishart, located at the following address:

Cop-Ex Mining Corporation Limited
25th Floor
700 West Georgia Street
Vancouver 1, B.C.
P.O. Box 10054, Pacific Centre.

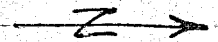
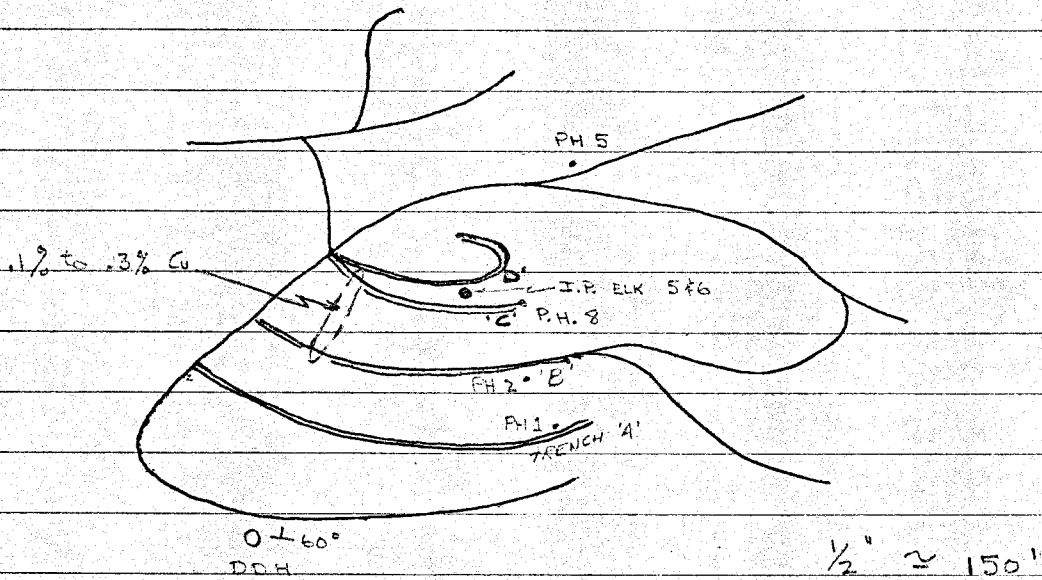
688-5681

Cop-Ex is looking for a share option whereby a major company will hold 50% of the shares and Cop-Ex the remaining 50%. These shares would be bought out of the company's treasury in order to finance the project.

M. McClaren

August 21, 1972
Vancouver, B.C.

SKETCH MAP OF WORKING AREA



Jura Claims
Princeton, B.C.

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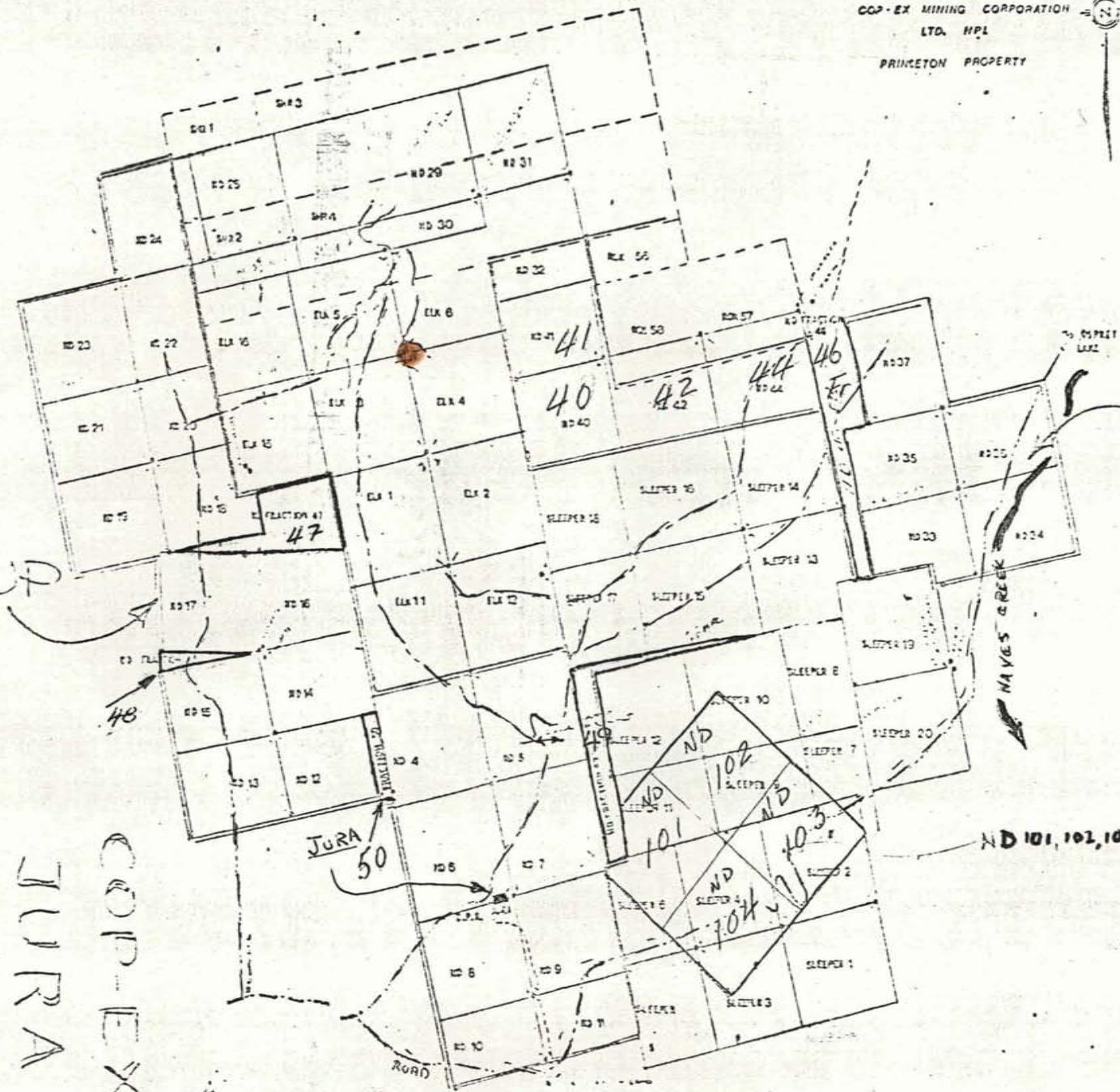
COP-EX MINING CORPORATION
LTD. HPL
PRINCKTON PROPERTY



NEH
GROUP

DAMEX
GROUP

ND 101, 102, 103, 104



COP-EX
JURA
CLAIMS

Dec 10/1927

SCALE 1" = 150' 500'



Map showing land parcels with owner names and parcel numbers. Key features include:

- Parcel Numbers:** Ranging from 22380 to 28733M.
- Owner Names:** ELN, JUDY, ROC, SHR, JOY, ELK, SLEEPER, BEL, JURA, Separation Lakes, (Bellor) (Yale), LOTUS, BARBARA, DON, CHAN, F.D., BARRON.
- Highlighted Areas:** A large green-shaded area in the center-right, and a smaller green-shaded area in the bottom-left.
- Water Features:** A large blue area representing a lake or water body, labeled "Separation Lakes" and "(Bellor) (Yale)".
- Other Labels:** "Christian Cr.", "Jura", "Separation Lakes", "(Bellor) (Yale)", "LOTUS", "BARBARA", "DON", "CHAN", "F.D.", "BARRON".