

021803

1989

PROPERTY NAME: Hek

NTS: 82E/1W

OWNER: Consolidated Boundary Expl. Ltd.
Box 1739
Grand Forks, B.C.

LAT: 49° 12'
LONG: 118° 27'

CLAIMS: Hek, Hel (25 units)

LOCATION AND ACCESS: The Hek property is located about 20 kilometres north of Grand Forks on the north slope of the Pass Creek valley. Access to the claims is via the paved road up the west side of the Granby River to the Pass Creek Forest Service Road. The property is reached by turning north on a good branch road located about 0.5 kilometres up the Pass Creek Road.

SUMMARY OF FIELD VISIT: The Hek claims are underlain primarily by metasediments and metavolcanics of the Anarchist Group which have been intruded by Coryell stocks and dykes. Mineralization consists of disseminated to massive pyrrhotite, pyrite and minor chalcopyrite in coarse silica-rich skarn zones (flow tops) within the Anarchist volcanics. Exploration on the claims dates back to 1901 with the discovery of the Simpson Mine, a gold bearing quartz filled shear within the skarn zone. In 1939, 364 tons of ore was mined from this zone with an average grade of 0.71 oz/t Au and 0.25 oz/t Ag. Since this time, exploration has included geological mapping, IP, trenching and diamond drilling. Significant drill results are:

18 feet at 0.3 oz/t Au, 3.75 oz/t Ag, 0.54% Cu (1969)

34 feet at 0.28 oz/t Au (1975-76)

23 feet at 0.16 oz/t Au (1975-76)

Both of the latter two intersections occurred at the top of the drill hole. The majority of drilling has intersected only weakly anomalous gold values. Two mineralized zones are known on the property, the Glover and Simpson Zones. It is possible that these could be connected. Both showings were visited in the field and eight samples were collected as detailed below.

SAMPLE DESCRIPTIONS AND RESULTS:

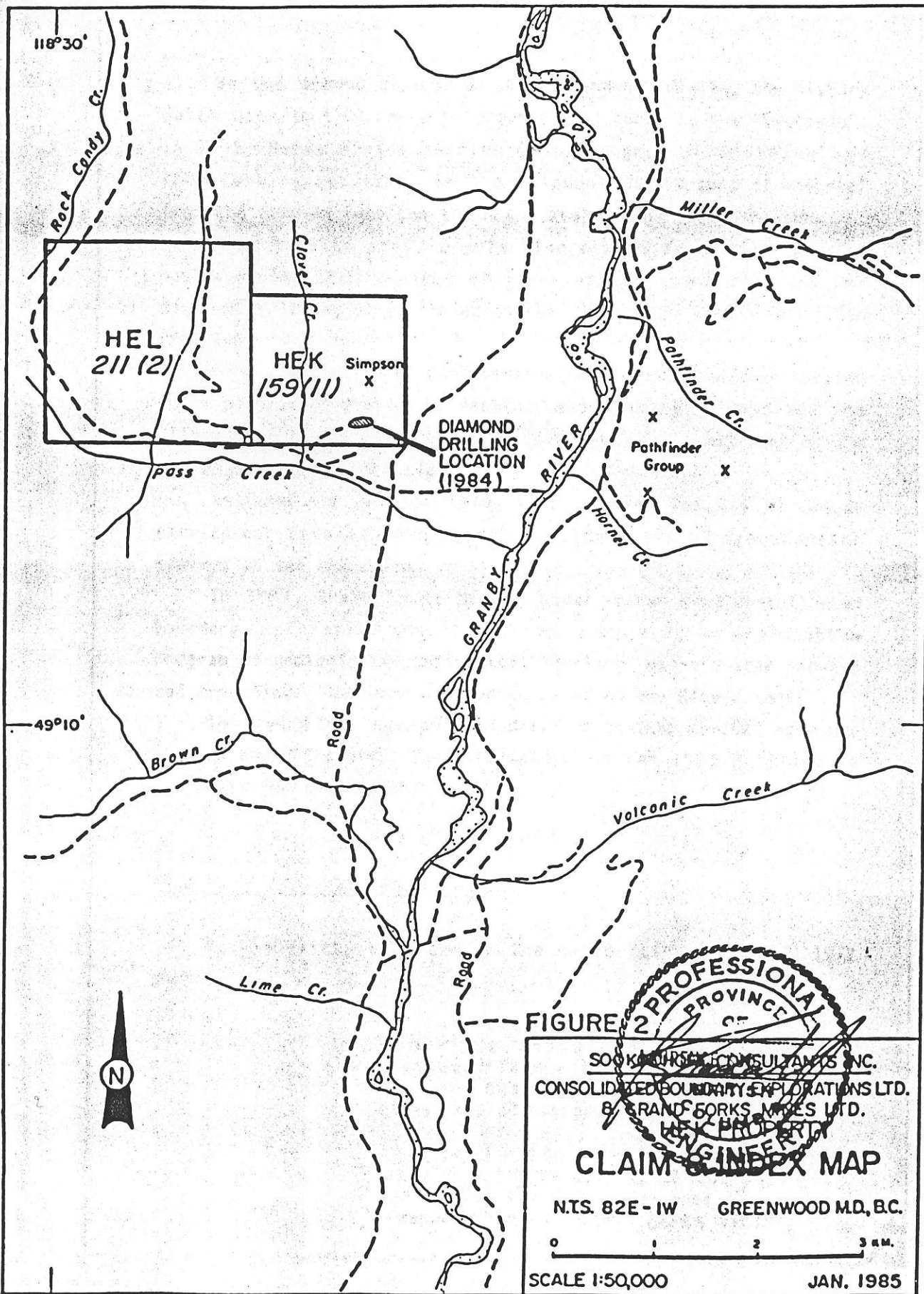
		Au ppb	Ag ppm	Cu ppm
BCS 18416	unalt'd qtz dior host	5	0.5	18
BCS 18417	strongly alt'd rusty volcs, 5% py	10	1.6	25
BCS 18418	rusty fng siliceous volcs	2	1.1	29
BCS 18419	fng Anarchist volc, 10% py	17	0.9	49
BCS 18420	silic skarn, 25% py, cat trench	1400	8.8	1060
BCS 18421	same as 420, lower cat trench	3500	8.9	490
BCS 18422	Simpson Mine dump, rusty py skarn	213	6.1	450
BCS 18423	S. Mine dump, mass po,cpy in skarn	1100	7.4	2250

RECOMMENDATIONS: Anomalous but subeconomic gold values occurred in samples collected from the surface showings of the property and results are generally discouraging. Although the system is a reasonable size, it is well tested and grades are low. No further work is recommended.

REFERENCES:

Sookochoff, L., 1984. 1984 Assessment Report - Diamond Drilling Program on the Hek Claim Group, Pass Creek Area. Assessment Report 13,546.

L. Lee
November, 1989



118°30'

HEL
211(2)

HEK 159(11)
Simpson X

DIAMOND
DRILLING
LOCATION
(1984)

Pathfinder
Group X

49°10'

FIGURE 2

PROFESSIONAL
CONSULTANTS INC.
CONSOLIDATED BOUNDARY EXPLORATIONS LTD.
B. GRAND FORKS MINES LTD.
HEK PROPERTY
ENGINEER

CLAIM & INDEX MAP

N.T.S. 82E-1W GREENWOOD M.D., B.C.

0 1 2 3 KM.

SCALE 1:50,000

JAN. 1985

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