DIAMOND DRI



010

TOWNSHIP: Otto

REPORT NO.: 14

WORK PERFORMED BY: Zarko Vesich

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
L 550319	3	101.0	Sept/81	(1)

NOTES: (1) #43-82

495 Cedarcliffe Drive
Waterloo, Ont.
N2K 2J2
Sept. 7, 1981.

Vesich and Sreten Zarko
20 Aldridge St.
Hamilton, Ont.

Gentlemen,

Hole Number DD3 Claim Number 550319

The following is my assessment by hand inspection of 101 feet of 7/8 inch core taken from your claim in concession 1, lot 8, Otto Township, Ontario.

The uppermost 55 feet of this core consists of syenite. It is, in an average interval, 80 percent pottassium feldspar in euhedral to subhedral rhombs with 20 percent of the rock consisting of subhedral interstitial pyroxene altered partially to chlorite. Some interstitial amphibole is observed indicating a higher grade of metamorphism here. There are paper thin veins of chlorite cutting the core diagonally and occassional quartz veins. There are small 1/4 to 1 inch bodies of preexisting amphibole, pyroxene, chlorite rock with wall segregation of pyrite in a fine grained groundmass after subhedral to euhedral crystals of pyrite. No visible gold was observed but gold may be associated with this pyrite and chlorite as free milling ore.

At the 55 foot level, there is a sharp contact with syenite of a different appearance and this contact zone may be richer in gold due to segregation in the molten magma at the contact. The chlorite veining in the upper unit is not continuous into the lower unit as these veins are much less prevalent there. Accordingly, the veining in the syenite must represent shrinkage of the solidifying magma with production of chlorite as a late phase.

Below this contact, in the 55 foot to 101 foot level, lies syenite. It consists of, in an average interval, of about 40 percent potassium feldspar, 40 percent plagioclase feldspar altered by saussurization to fine grained quartz, chlorite, and amphibole (?),; and 20 percent pyroxene partially altered to chlorite. There are occassional chlorite veins cutting diagonally this rock. There are fine grained bodies of pyroxene 45 percent, chlorite 50 percent, and amphibole 15 percent, with marginal fine crystalline masses of pyrite. No visible gold was detected but there may be gold associated with the chlorite and the pyrite.

I hope to be of service to you again in the future.

Sincerely,

J. Stephen Hancock

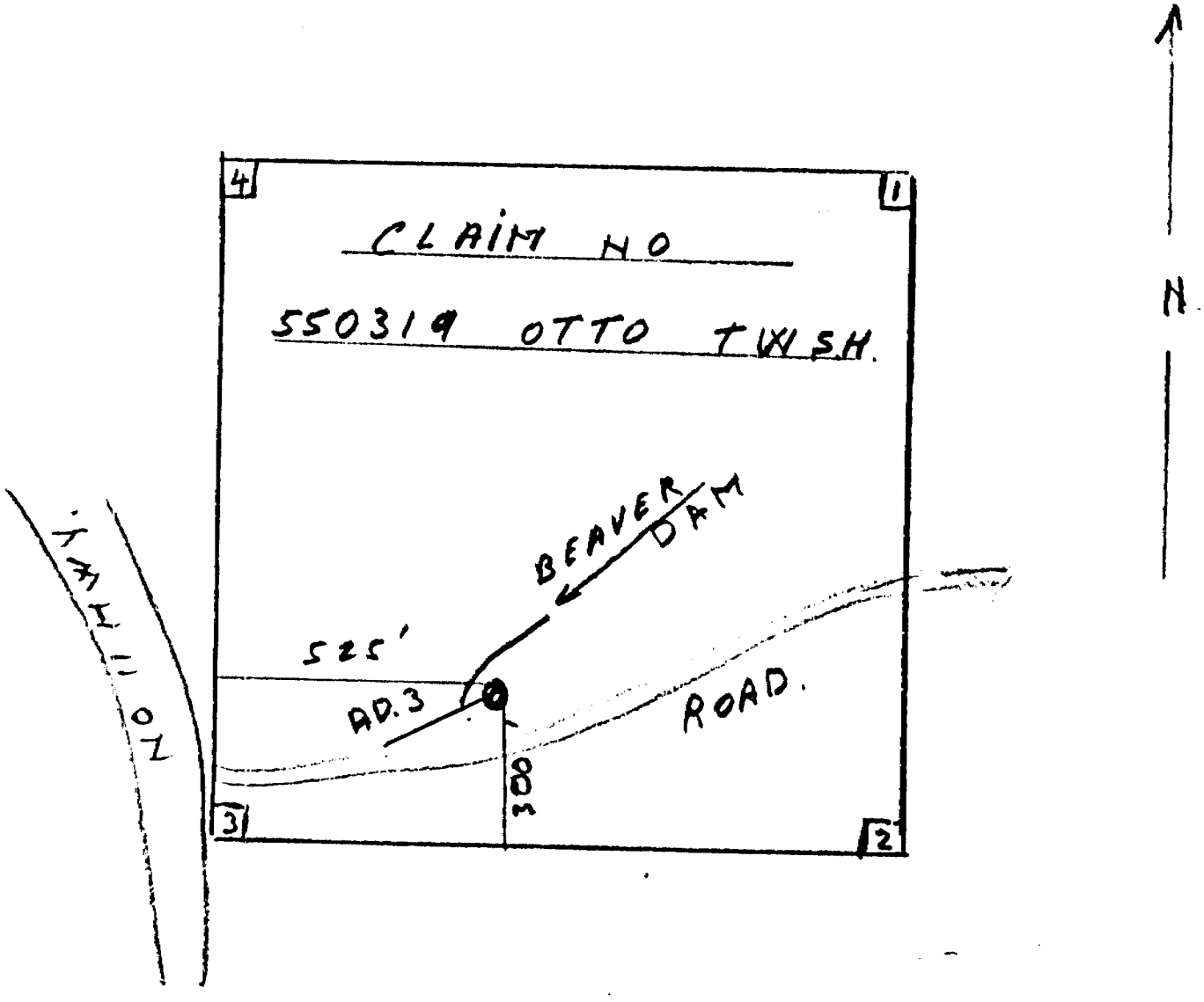
J. Stephen Hancock, Hn. BSc. Geology,

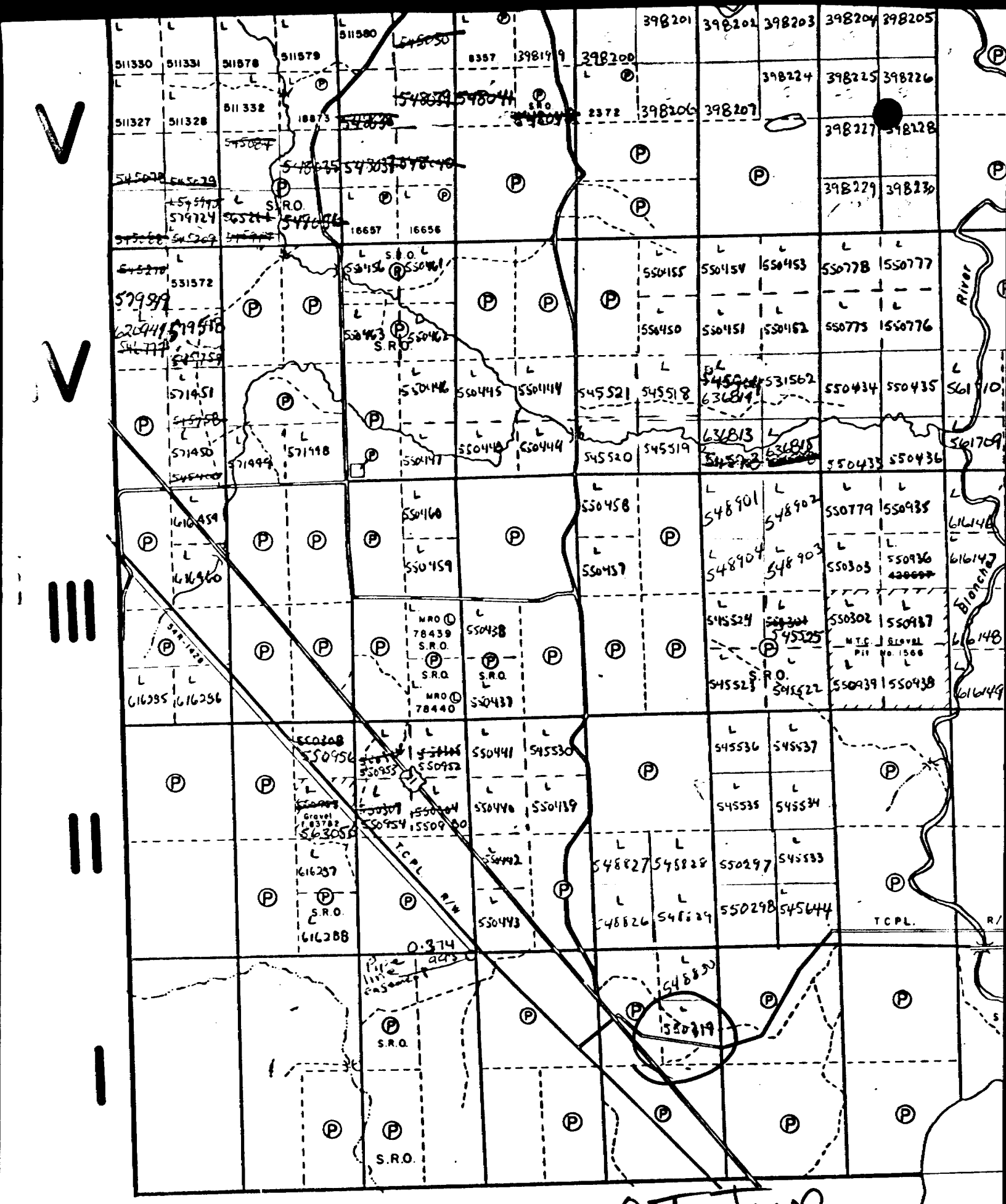
Mr. Sreten Vesich

20 Aldridge Road
Hamilton
Ontario

DIAMOND DRILLING

D.D. 3.




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#43-82
ZARKO VESICH
Ottertup
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MARQUIS TP - M7