

672326

DOME EXPLORATION (CANADA) LIMITED

SUITE 600 - 365 BAY STREET

TORONTO, CANADA

M5H 2V9

TELEPHONE
(416) 364-3453

June 18, 1979

*Copy original in
Office*

J. C. Stephen Explorations Ltd.
1124 West 15th Avenue
North Vancouver, B. C.
V7P 1M9

Attention: Mr. J. C. Stephen

Dear Cam:

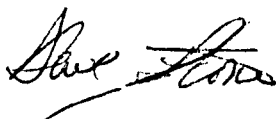
Re: Project 117 - SWAB Group

Please find enclosed, a report by
D. H. Gorman and assay results for sample 19007,
X-Ray (66967 Chemex).

This being float collected from the
west end of the grid on SWAB 3.

Yours very truly,

DOME EXPLORATION (CANADA) LIMITED



D. R. Stone
Exploration Co-ordinator

DRS:rn
Enclosure

REPORT ON RADIOACTIVE SPECIMEN NO. 19007
PROJECT 117, SWAB

TWO POLISHED SECTIONS WERE MADE OF THE DARKER PORTIONS OF THE SAMPLE, AND AUTORADIOGRAPHS MADE. NO RADIOACTIVITY WAS DETECTED ON THE FILMS.

THREE MORE AUTORADIOGRAPHS WERE MADE, ONE OF A FLAT SURFACE OF THE LIGHT COLORED ROCK, AND TWO OF IRREGULAR SURFACE MATERIAL. ONLY ONE OF THESE GAVE EVIDENCE OF RADIOACTIVITY, A DIFFUSE HAZINESS ON THE FILM, CAUSED BY SURFACE MATERIAL. WHEN EXAMINED UNDER THE BINOCULAR MICROSCOPE, THE SURFACE ALTERATION WAS SEEN TO BE A THIN SKIN OF CLAYEY MATERIAL. NO DISCRETE RADIOACTIVE MINERAL WAS SEEN IN IT.

MANY FRAGMENTS OF THE ORIGINAL SAMPLE WERE EXAMINED UNDER THE U.V. LAMP. THREE HAZY PATCHES OF GREEN FLUORESCENCE WERE SEEN ON FRACTURE SURFACES. THESE MAY OR MAY NOT BE CAUSED BY VERY FINE SECONDARY RADIOACTIVE MINERALS, BUT PROBABLY NOT.

CONCLUSIONS

THE RADIOACTIVITY IS CONCENTRATED IN A CLAYEY ALTERATION ON THE SURFACE OF THE SAMPLE. NO DISCRETE URANIUM MINERALS WERE DETECTED, BUT IF PRESENT, WOULD BE OF A SECONDARY NATURE, AND VERY FINE. OTHERWISE, THE RADIOACTIVITY COULD BE CAUSED BY IONIC URANIUM ADMIXED WITH THE CLAY.