## הטכניון - מכון טכנולוגי לישראל

## TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY

הפקולטה להנדטת מכונות - FACULTY OF MECHANICAL ENGINEERING



מרכז טכנולוגית אבן STONE TECHNOLOGY CENTRE פרופי יי ירניצקי Prof. Y. YARNITSKY

September 16, 1977

H. TRACY HALL Incorporation P.O.Box 7533 University Station PROVO UTAH 84601 U. S. A.

Dear Sir,

I was informed that you produce and sell equipment for artificial diamonds.

We, the Diamond Industrial laboratory here of the Technion - Israel Institution of Technology are interested to get detailed information about this process. What type of syntetic diamonds can be produced and what is the quantity which one unit can give per day?

Can the compacts be done on the same press? What is the capacity of the proposed press?

A friend of Dr. Samuel Greenfild from New York who came to Israel gave me some samples of black platlets which are soft. Is it compressed diamond powder? One piece was thicker and it was written apon it "Diamond Run". What does this mean?

Please send me possible information as well as price of the unit?

I have asked some of my friends in the U.S.A. to contact you, for more detailed information.

My laboratory is devoted to research in the field of diamonds and is sponsored by the Israely Diamond Institution.

Thank you in advance for a prompt reply.

Sincerely Yours Prof. Y. Yarnitsky

Head of Diamond Research lab.

מברקים: הטכניון, חיפה טלפון: מברקים: הטכניון, חיפה טלפון: מברקים: הטכניון, חיפה שלפון: מברקים