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NEW ZEALAND

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH  
THE INSTITUTE OF NUCLEAR SCIENCES

PRIVATE BAG, LOWER HUTT

26 July, 1965.

Dr Grote Reber,  
C.S.I.R.O.,  
Tasmanian Regional Lab.,  
Stowell Avenue, Hobart,  
TASMANIA.

Dear Dr Reber,

Thank you for your letter of 22 June. I am afraid I will not be attending the A.N.Z.A.A.S. Conference in August as I have just returned from a month in America. Unfortunately, we seem to have overlooked acknowledging receipt of your samples.

They have all arrived and been given our sample numbers:

R.1520/1	4.1 gm. charcoal	2A
R.1520/2	6.6 gm. charcoal	2D
R.1520/3	10.3 gm. charcoal	2E
R.1520/4	70 gms. sand	
R.1587/1	8.1gms. charcoal	9B
R.1587/2	77 gms. sand	

We have checked sands R.1520/4 and R.1587/2 and found less activity in them than the soil in this area. The comparison is as shown below for total Beta activity:

<u>Sample</u>	<u>µuc/g</u>	
R.1587/2	1	Gamma activity not
R.1520/4	2.4	detectable above
Gracefield Soil	9.1	background.

We will start samples R.1520/3 and R.1587/1 and hope to give you the results before the A.N.Z.A.A.S. Conference.

Yours sincerely,

(T. A. Rafter)  
Director