



State of Israel  
Ministry of National Infrastructures  
Geological Survey

Mr. Roni Asher  
LANS LIMITED

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Re: Result of trace elements analysis of quartz sample

This report documents the results of trace elements of quartz sample. The sample was submitted by Mr. Roni Asher. The GSI was not involved in any manner with the sampling. The analytical results are provided below.

%	Seed
Fe <sub>2</sub> O <sub>3</sub>	< 0.001
MgO	< 0.001
Al <sub>2</sub> O <sub>3</sub>	0.036
CaO	< 0.001
TiO <sub>2</sub>	< 0.001
Na <sub>2</sub> O	< 0.001
K <sub>2</sub> O	< 0.001
L.O.I.	<0.1
SiO <sub>2</sub> (calculated)	99.86

Results are in %

**Analytical procedure:** 1.0 g of finely ground sample was twice digested in 20 ml of HF and 5 ml of HNO<sub>3</sub> on a hot plate for 8 hours. After cooling, the solution was transfer to volumetric flask. The analysis was done on an Optima ICP-AES manufactured by P-E.

Analyst: Dr. Olga Yoffe

Sincerely Yours

Dr. Ludwik Halicz  
Head, Division of Geochemistry & Environmental Geology

