

## Crystalline Silica Report

**CLIENT:** Environmental & Laboratory Solutions  
**ATTENTION:** Dennis Tam  
**YOUR REF:** 20002785-S1

**AGON JOB NO:** JH25.0778-4  
**CLIENT CONTACT:** 02 9878 0451  
**RECEIVED IN LAB:** 16 December 2025

### PROCEDURE

The samples were analysed by X-ray diffraction to determine the minerals present. XRD identifies crystalline substances via their crystal structure.

Quartz and cristobalite are both crystalline silica minerals. They are separately identified by XRD because they have different crystal structures

### RESULTS

ELS Sample ID	Client Sample ID	Crystalline Silica (Quartz) content (estimated wt%)	Crystalline Silica (Cristobalite) content (estimated wt%)	Other minerals detected
20002785-S1	1 – Dolomite White Sand	Not detected	Not detected	Calcite, dolomite, talc, muscovite, chlorite
20002785-S2	2 – 1 Render Mix	Not detected	Not detected	Calcite, alite, portlandite, dolomite, brownmillerite, talc, muscovite, chlorite

The estimated quartz detection limit is 0.2% and the estimated cristobalite detection limit is also 0.2%

**Michael Till**  
Testing Officer  
Senior Mineralogist



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