

1 | **Silicon**

1.1 | **refirenry**

1.1.1 | **from sand**

1.1.2 | **melted**

1.1.3 | **small molten crystal "seed" lower into a vat**

1.1.4 | **crystal forms**

1.1.5 | **pull cylander from molten reigon**

1.2 | **structure**

1.2.1 | **cubic atomic structure**

1.2.2 | **4 electrons valence shell**