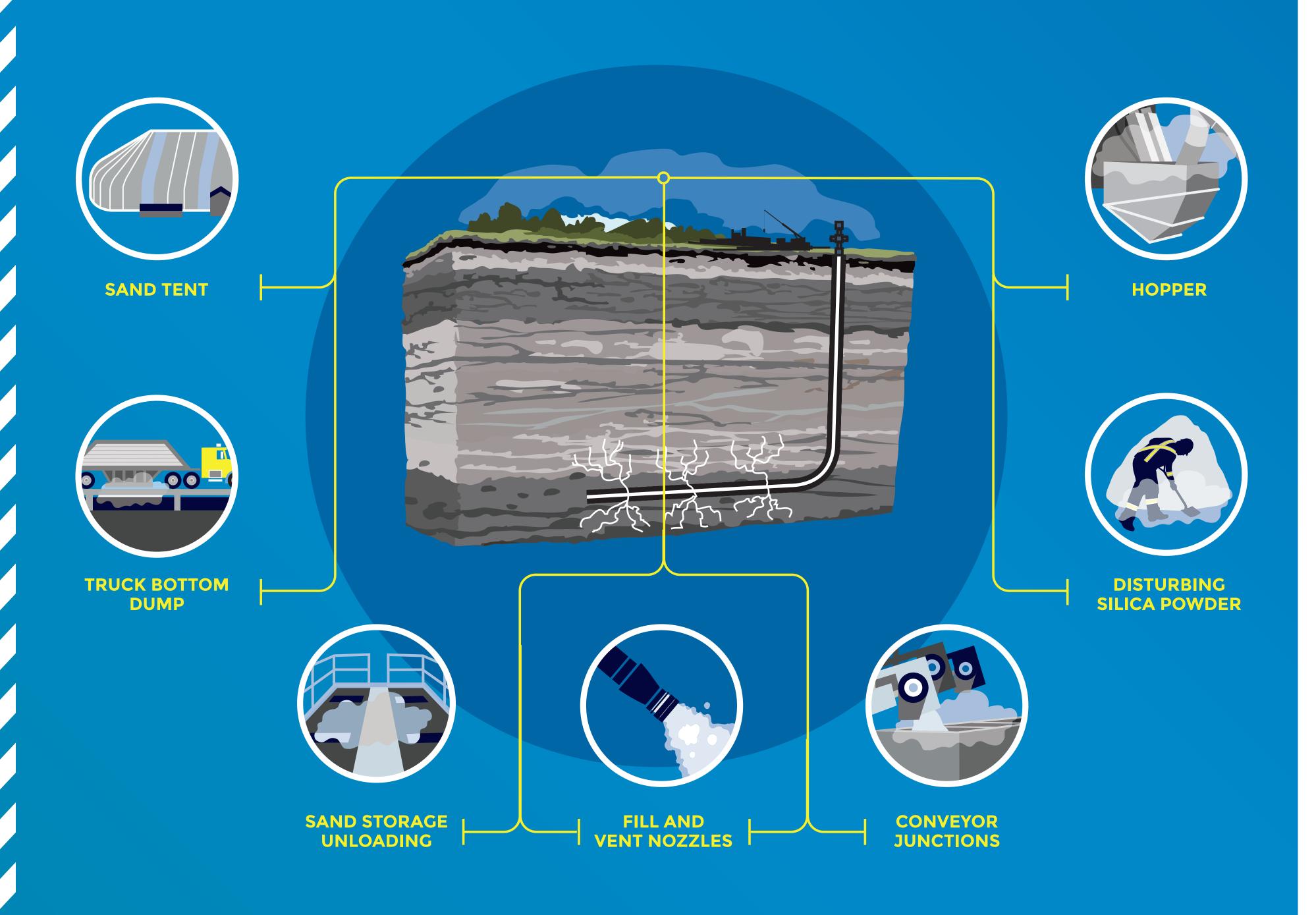
SILICA DUST: FRACKING IT WILL TAKE YOUR BREATH AWAY!

SILICA LOCATIONS/TASKS



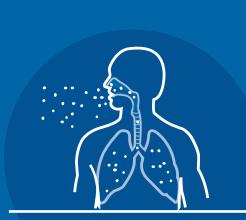
WHAT IS SILICA



Crystalline (Quartz) Found in rock, sand, cement



Visible Dust



Crystals in Lungs

Silica is a naturally occurring mineral found in sand, rock and dry mixable products. Silica is hazardous when it is inhaled, often as a dust. When silica dust is visible, overexposure is often just a matter of time without safety measures. The health effects are typically not felt right away, but years later.

SAFETY MEASURES



Enclose junction points. Don't put worker under tarp

Dust suppressants

Time and distance





meters from source



Disposable coveralls when

controls



Signage







WHMIS labels



Loading engineering

RETHINKING, IT'S JUST DUST!

In the past, I did not give much thought to the dust clouds on frack sites as I did not work with the sand and I am not in the dust that much. Now that I know this dust can cause serious disease and how easy it is to be overexposed, I look at it differently. Engineering controls at the sources are needed so that workers like me are not wearing respirators every time the wind changes direction. – Water Hauler

