



# X-Ray Spectrometry Solutions

*Our Mission is...*

To sustain commercial success as a mineral supplier by providing the highest quality products backed by superior service at competitive prices.



## S2 RANGER from Bruker AXS

- Elemental analysis: Sodium to Uranium (Na-U)
- Measures powders, solids, and liquids
- Use Equa-All calibration for a quick qualitative analysis of unknown materials
- Perform specific calibrations for maximum accuracy and stability
- Reliable results for concentrations from ppm to 100%

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## S2 Ranger

### Best in class...

- Highest excitation power in benchtop class
- 50 watt X-ray tube for higher intensities
- 145 eV detector at Mn K $\alpha$  with 100,000 cps
- High count rates for minimal statistical error
- Optimal energy resolution to clearly separate out and detect main components and traces



### Insuring the best products we can deliver...

- Routine testing of incoming raw material
- Consistent high purity limestone through CaCO<sub>3</sub> content monitoring
- New products are being developed utilizing multiple sources of the purest minerals

### What we can do for you...

- Use micro-sampling cups to analyze unknown powders or liquids
- Create customized calibrations for customer specific applications
- Solve customer problems with contamination issues
- Process samples for fast results

We help our customers find answers!  
For more information, please contact your  
CRC representative



**COLUMBIA RIVER CARBONATES**

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