FORENSIC ENGINEERING SERVICES



Materials Characterization Laboratory Email Lab@waveguidetechnologies.com

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## **Sample Submission**

Date of Submission	
Company, Institution Name	
Billing Address	
Billing Contact & Telephone #	
Billing Contact E-mail	
Technical Contact & Tel. #	
Technical Contact E-mail	
Material Description:	
What is known about the material including hazards relevant to analysis. MSDS should be provided if possible. Chemical formula, recognizable name, and component materials, where known.	
Sample Size	
Can the samples be cut or destructively analyzed?	
What environment has material been exposed to?	
How has material been handled?	
What was the physical position of the material at failure?	

Background of issues being addressed The more information you give us, the more we can be sure to effectively address the reasons for which you want the analysis, both in the data we obtain and in our explanations in our report. Proprietary information will be respected.	
Description of information to be obtained by our measurements (for example, surface elemental composition, thermal expansion between 25 and 300°C, glass transition temperature, particle size and shape, corrosion pitting potential, etc.)	
When are results needed? Expedited results may incur a surcharge. Preliminary reports may be provided if requested.	
Are Samples to be Returned? Additional fee of at least \$50 applies, larger objects may cost more. Please provide address to which samples should be returned.	
Scientists at WTI with whom you have spoken about this analysis	
How did you learn about WTI?	

Signature of person filling out this form:

Printed name of person:

Date signed:

Phone:

\* The SEM and EDX is very sensitive, so we often cannot analyze materials with F, Cl, Br, & I or other corrosive materials or concentrated organics. Materials not corrosive at room temperature often become so at elevated temperatures. **If you are submitting a material for SEM/EDX Analysis**, please sign this form below and submit it by email or with the material to be analyzed. By signing below, you attest that if your material destroys the SEM/EDX by corroding it, your company or institution will pay the \$5000 cost to replace the sensitive affected components.

Signature of manager guaranteeing damaged: