



FRACTURE INVESTIGATIONS

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REGISTERED
METALLURGICAL AND
CORROSION ENGINEER

LABORATORY CAPABILITIES

CORROSION ANALYSIS:

- Soil Corrosivity Testing
- Coating Identification
- Coating Thickness Measurements
- Determination of Rebar Corrosion in Concrete
- Corrosion Products Identification
- Water Composition

METALLURGICAL ANALYSIS

- Metal Composition
- Fracture Surface Examination
- Microstructure Examination

EQUIPMENT

Analytical:

- Scanning Electron Microscope (S.E.M.)
- Optical Emission Spectroscopy
- Energy Dispersive X-ray Analysis
- FTIR Spectroscopy
- AUGER Spectroscopy

Mechanical:

- Hardness
- Strength (tension, compression, torsion, fatigue)