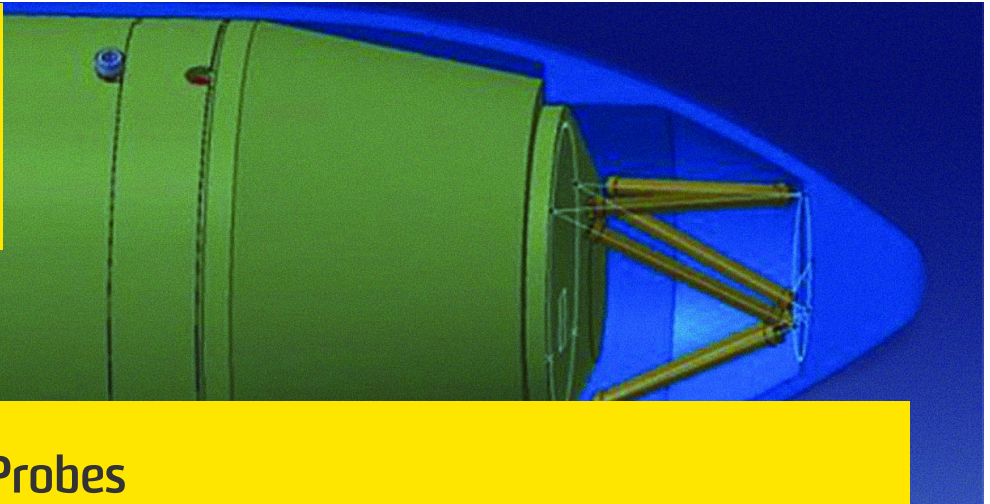




UNSW
SYDNEY



Ground Penetrator Probes

Penetrator probes dropped from a height can quickly deliver seismic monitoring and other geophysical equipment to the subsurface.

Competitive advantage

- Expertise in ground penetrator probes. These offer a number of key advantages, including:
- Can be delivered via airplane, helicopter or UAV
- Can be used to quickly build up monitoring networks in remote areas
- Able to withstand impacts at up to several hundred metres per second
- Can contain multiple geophysical, geological and other sensing payloads
- Accelerometer on impact measures depth of penetration and identifies sediment layers, and
- Able to communicate with base station using radio

Impact

- More rapid and cost-effective geophysical monitoring and sensor networks, including remote deployment

Capabilities and facilities

- Mining Geomechanics Laboratory
- Advanced Visualisation and Interaction Environment

Our partners

- Jet Propulsion Laboratory Caltech
- NASA

More Information

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