

This work was a collaboration between Silverside

three technologies have comparable sensitivity to changes in soil moisture.

and commercial CRNS applications.



- in HDPE moderator.
- have similar sensitivities to soil moisture.
- designs based on simulation results.



Specifications of		
Silverside's	l ithium	Detector

Temperature	-30 to 60 deg C	
Humidity	Up to 93%	
Moisture & Dust	IP67	
Microphonics/ Impact	Resilient to low intensity sharp impact (1 Joule)	
Vibration	Resilient to vibration exposure associated with vehicle transportation (Standard: MIL-STD-810F)	