

**ENVIRONMENTAL SCOPING STUDY (ESS) MATRIX (Example)**

SCREENING MATRIX	VALUED ECOSYSTEM COMPONENTS												
	PHYSICAL					BIOLOGICAL					SOCIAL		
	Atmosphere/Noise					Terrestrial Animals					Land Use/Heritage		
	Surface Water					Terrestrial Habitat					Recreation/Aesthetic		
	Ground Water			Soils		Marine Animals			Marine Habitat		People/Health		
ACTIVITIES	Terrain		Vegetation			Economy			Services				
Seabed mapping with acoustic techniques													
Video recordings of the seabed													
Collection of samples of seabed sediment													
Deploying ocean bottom seismometer													
Deploying sonobuoys (passive acoustic sensors)													
Handling of explosive charges													
Detonation of explosive charges													

LEGEND: \_\_\_\_\_ (Blank) Effect Negligible/Non-Existent  
**I** Insignificant Effect  
**S** Significant Effect or Public Concern

**U** Unknown Effect or Mitigation  
**M** Mitigable Effect  
**P** Positive Effect (optional)