

## Summary of Bolus Investigations: Percent Similarity Index (PSI)

Directions: 1) Calculate % numerical abundance (NA) for each item in a pair of boluses ( $\% \text{ NA} = \text{count}/\text{total} \times 100$ ); 2) Calculate PSI by choosing smallest value (%) each item and enter value at right; sum to obtain overall PSI.

	Bolus #		Bolus #		PSI
	Count	% NA	Count	% NA	
Squid beaks					
Fishing line					
<b>Whole plastic items</b> e.g. bottle caps					
<b>Extra large</b> plastic fragments (>50 mm)					
<b>Large</b> plastic fragments (>20 mm and < 50 mm)					
<b>Medium</b> plastic fragments (<20 mm and >10 mm)					
<b>Small</b> plastic fragments (<10 mm)					
Other					
<b>Total</b>					

Comments:

Question: 1) How similar/dissimilar were the boluses? Explain

Summary & Conclusions:

NOTE: Total PSI values of 100 indicate 100% overlap; values of >80% can be considered similar