

Transect	Correlation S vs. dAl	R^2	Correlation S vs. pAl	R^2	Endmember $S = 0$ dAl – pAl (nM)
Eastern flank	dAl = $-1.6586S + 60.5$	0.94	pAl = $-22.018S + 773.7$	0.95	$60.5 \pm 9.9 - 773.7 \pm 125.6$
Western flank	dAl = $-0.1013S + 6.2$	0.89	pAl = $-19.272S + 675.1$	0.97	$6.2 \pm 1.2 - 675.1 \pm 124.7$