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Not surprisingly, background values of Cu, Fe and Mn are highly in the basic volcanic rocks and variance is lower as expressed by the coefficient of variation. Any single anomalous values (assumed to be mean +2 standard deviations) are screened by relating geochemistry with host lithology and upgrading if they have other anomalous metal associations. On this basis the following samples merit ground follow up:

<u>Acid Volcanic Sequence</u>	<u>Sample Number</u>	<u>Association</u>
	TS 5874	Cu-Fe
	TS 5892	Cu-Fe-Mn
	TS 5898	Pb-Zn
	TS 5876	Fe-Mn
	TS 5880	Cu only
<u>Basic Volcanics</u>	TS 7478	Cu-Zn
	TS 7472	Cu
	TS 7487	Pb
	TS 7455	Fe

Gold assays of the -80 mesh samples collected along the Cypress Creek track outlined three broadly anomalous areas in the succession:

1. An area of approximately 200m adjacent to the contact of the reworked acid tuffs and black shales is thought to represent the contact with the Ordovician and underlying acid volcanic sequence. Values here range from 8-700ppb. This area was designated Voyager 28 and the details of follow up work are summarised in a later section.