

within the lithic tuff-agglomerate unit and underlying quartz porphyritic lava unit. The hole was drilled to a depth of 129.3m. A detailed geological log with assays is given in the appendix and the cross section shown on plan 95.

The hole penetrated a sequence of silicified rhyolitic lithic tuffs and agglomerates with a significant interval of intense silicification and primary brecciation cut by quartz veins, and associated with weak pyrite-galena-sphalerite mineralization from 18m to 64m. The quartz veins vary from 2mm to 150mm thick and contain very minor sphalerite-galena, chalcopyrtie and pyrite.

The variation in basemetals through the altered zone is given below:

<u>Element</u>	<u>Range</u>		
Copper	5ppm	to	2750ppm
Lead	45ppm	to	5300ppm
Zinc	120ppm	to	3700ppm
Gold	8ppb	to	392ppb
Silver	0.1ppm	to	46ppm
Antmony	1.0ppm	to	1750ppm
Arsenic	13ppm	to	190ppm

Anomalous values of gold (greater than 30ppb) occur throughout the altered zone with maximum values of 275ppb (and 46ppm Ag) from 392ppb Au from 63-64m.

The central core of the altered zone intersected in the drill hole is occupied by a silicified and weakly mineralized rhyolitic agglomerate. Silicified pyritic grey porphyry fragments from 2 to 10cm across occur throughout the agglomerate. The rounded