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## **REPORT TO MINERAL RESOURCES TASMANIA ON SAMPLING OF DRILLCORE FROM PROSPECTS IN THE ELLIOTT BAY AREA.**

**John Holliday, November 2002**

### Introduction

In September, 2002 I inspected old Geopeko drill core from the V24 (Sassy Creek) and V9 Prospects in the Elliott Bay area of the Southern Mount Read Volcanics Belt at the MRT core library facility in Hobart.

A total of seven quarter core samples were collected from one metre intervals in holes V24/2, V24/3 and V24/4 and submitted for geochemical analysis. A small part of the V24/4 sample was submitted to Mason Geoscience for petrographic description.

A total of eleven old drill hole sample pulps from holes V9/2 and V9/3 were submitted for geochemical analysis. These pulps were stored at the MRT Library and have sample numbers matching those quoted for the original Geopeko samples. I believe it is reasonable to assume that Geopeko did not use the same numbers more than once and that the pulps are thus truly from the V9 holes. The pulps were re-homogenised prior to analysis.

The V24 samples were collected with the aim of checking the original Geopeko results, particularly the gold results, and obtaining a broader range of indicator elements analyses.

The V9 samples were collected to check for gold in samples that had previously only been sampled for base metals. The samples analysed were selected because they came from intervals with quartz veining, pyrite, and magnetite veining.

### Results

The analysis results and petrographic description are attached.

A comparison of the new and original Au results from V24 is as follows:

<u>Sample</u>	<u>New Au(ppm)</u>	<u>Old Au(ppm)</u>
V24/2 160-161m	0.083	0.100
V24/2 172-173m	0.024	0.145
V24/2 202-203m	0.020	2.7
V24/3 131-132m	0.303	0.68
V24/3 148-149m	0.174/0.178	0.51
V24/3 153-154m	0.375	0.37
V24/4 110-111m	0.056	3.5

Note that the large discrepancy in values for sample V24/2 202-203m can be explained by the fact that a short veined portion of this metre had already been quarter cored by a previous sampler and so was not included in the new sample. Probably the gold was in the vein.

A similar explanation can also be applied to the V24/4 110-111m sample since the petrographic description records gold in this sample but this small portion (the petrographic slide and offcuts) was not included in the analysed sample.

The V9 hole results clearly show anomalous gold values in the range of 0.04 to 0.31 ppm.

### Conclusions

It is up to any reader of this report to interpret the results.

The pulps have been returned to the MRT core library.

### Attachments

1. ALS analytical reports OG26431, 26434, 26643.
2. Mason Geoscience petrographic report 2781.