

## **ANAYTICAL METHODS – AMDEL LABORATORIES ADELAIDE**

All the stream sediments and rock chip samples were assayed by AMDEL Laboratories Adelaide by the following analytical techniques.

### **Sample Crushing and Grinding:**

All the samples were sorted and dried in aluminum trays to removed moisture. Up to 3 kg rock chip and sand samples were crushed and grounded to better than 90% of the sample passing 2 mm. Standard preparation for samples where a representative split will be prlverised.

### **Sample Preparation:**

An aliquot of sample is accurately weighed and fused with lithium meta-borate at high temperature in a Pt crucible. The fused glass is then digested in nitric acid. This process provides complete dissolution of most minerals including silicates. Volatile elements are lost at the high fusion temperatures. In some cases, elements are reported as oxides. Detection limits are reported on top header of assay file.

### **Sample Assay:**

Assay prepared samples were analysed by using Induced Couple Plasma Mass Spectroscopy (ICM4 and ICM4R) techniques. AMDEL has refused to provide any further information on their assay procedure.