

Michael Carter

From: Jennifer Parks
Sent: Wednesday, 1 February 2006 9:25 AM
To: Paul Melville; David Rawlings; Michael Carter; Gavin Otto; Nigel Doyle
Subject: FW: Sample Prep

[For annual reports -here is the new sample prep procedure -which will require amending from last year.](#)

-----Original Message-----

From: ntel [mailto:ntel@bigpond.com]
Sent: Tuesday, 31 January 2006 5:25 PM
To: Jennifer Parks
Subject: Sample Prep

Jennifer,

As you are aware, we have altered the sample prep regime for your samples for the 2005 season.

NTEL purchased a boyd crusher, a Rotary Sample Divider, and 2 Whisper ring mills from Rocklabs in New Zealand.

The material used on the crushing surfaces was selected to be "free" of all trace metals, the major contaminant being iron.

The regime used is as follows

Sample dried at 110C
Sample weighed
Whole sample crushed to ~2mm through the boyd crusher
Sample divided using the RSD to give a split of ~300-400g
Sample milled in a whisper ring mill to a nominal 75um

The boyd crusher is flushed with barren blue metal and the ring mills are flushed with garnet sand before and after each sample. The RSD is vacuumed clean.

Hope this is sufficient for you to complete your report.

Regards

Alastair