

# Flagstaff GeoConsultants

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2<sup>nd</sup> October 2008

Attention: Keith Weston

Dear Keith,

## Re: King River Scintillometer Results

Firstly, I corrected two typographical errors in the data. One of northings began with a five, which I changed to and eight; and I took the "52" from the front of the eastings as I presumed this was the zone identifier. Also, the column with the header "EW", I changed to "EN".

There was no mention of the instrument settings so I had to make a few assumptions that the settings were general and not specific to a particular isotope.

The settings appear to be reflected in the energy level of the cursor position (Figure 1) and the cursor contents (Figure 2). It appears that the instrument settings were changed half way along line 5 (820,400E).

Figure 3 shows the total counts for the ROI, (region of interest). It is not stated that there was a specific ROI, so I have assumed that it was general and that the values indicate the sum of all the individual channel counts. The higher values form a ridge along the centre of the survey area with a southerly extension in the east.

Figures 4, 5 and 6 provide an estimate of quality of the anomalous reading. They look at the peak value, the full width at the half maximum value and the full area beneath the peak.

I have examined all of these and identified a central area of anomalous values; this is indicated in figure 7. It is a zone with a length of about 300m and a width of 100m, centred at 820,750E 8,341,9025N. In addition there are two other more local sites which should be re-examined in the field, also. These are located at 820,200E 8,341,900N and 821,200E 8,342,025N.

The figures are attached and are also on the CD in PDF style.

Yours sincerely

Hugh Rutter  
Consulting Geophysicist

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