**Evaluation of *strat\_panel\_function.r* Scripts**

1. Load master sample list and legacy list into R. These were *.csv*’s and it was important to load them without adding ‘stringsAsFactors = FALSE’, i.e. let R interpret values as factors where appropriate.
2. Set *trgt.psz* *= 13*. Comments preceding the *ms.legacy.panel.fcn* state that *trgt.psz* “is the vector of target panel sizes (or target sample size if only one panel).” There are 13 points in the master sample list.
3. The code breaks in the following WHILE loop of the *ms.legacy.panel.*fcn (beginning on line 916):

# partition so no more than 1 sample point per cell & construct hierarchical

# address for all points

while(max(cel.prb) > 1)

{

nlev <- nlev + 1

nhadr <- wve.addr.fcn(cbind(scl.lst$xr, scl.lst$yr), nlev)+1

addr <- four.2.10.fcn(nhadr-1, nlev)\*4^nlev

cel.prb <- tapply(prb,addr, sum)

}

*cel.prb* never falls below 2, so the loop becomes infinite. By changing the ‘1’ in the *while* statement to 3, I was able to get reasonable output.

