Eucalyptus camaldulensis (river red gum)

Biogeochemistry: An Innovative Tool for Mineral Exploration in the Curnamona Province and Adjacent Regions

Karen A. Hulme, B.Env.Sc (Hons)

Geology and Geophysics

School of Earth and Environmental Sciences

The University of Adelaide

April 2008
APPENDIX H

Pine creek (Pinnacles) *E. camaldulensis* biogeochemical maps
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (Ba)
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (Ce)

Raw data and spatial distribution of extractable Ce in E. camaldulensis (leaves) from Pine Creek with accompanying histograms.  Summary statistics of Ce ppm:

- Count: 176
- Min: 0.01
- Max: 0.79
- Mean: 0.31
- Median: 0.19
- StdDev: 0.20
- Range: 0.78
- Coefficient of Variation: 0.1

HORIZONTAL DATUM: WGS84, UTM ZONE 54S
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (Cl)

Summary Statistics
- Count: 214
- Max: 8220
- Min: 1833
- Mean: 5529.56
- Median: 5355
- StdDev: 1222.41
- Range: 6382
- Decile Limit: 5

Histogram and cumulative frequency plot of Cl ppm.
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (Dy)
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (La)

Summary Statistics
- Count: 254
- Max: 0.36
- Min: 0.02
- Mean: 0.08
- Median: 0.07
- StdDev: 0.02
- Range: 0.34
- Def. Limit: 0.02
E. camaldulensis (leaves) Biogeochemistry
Pine Creek Broken Hill W/NSW - (Mg)