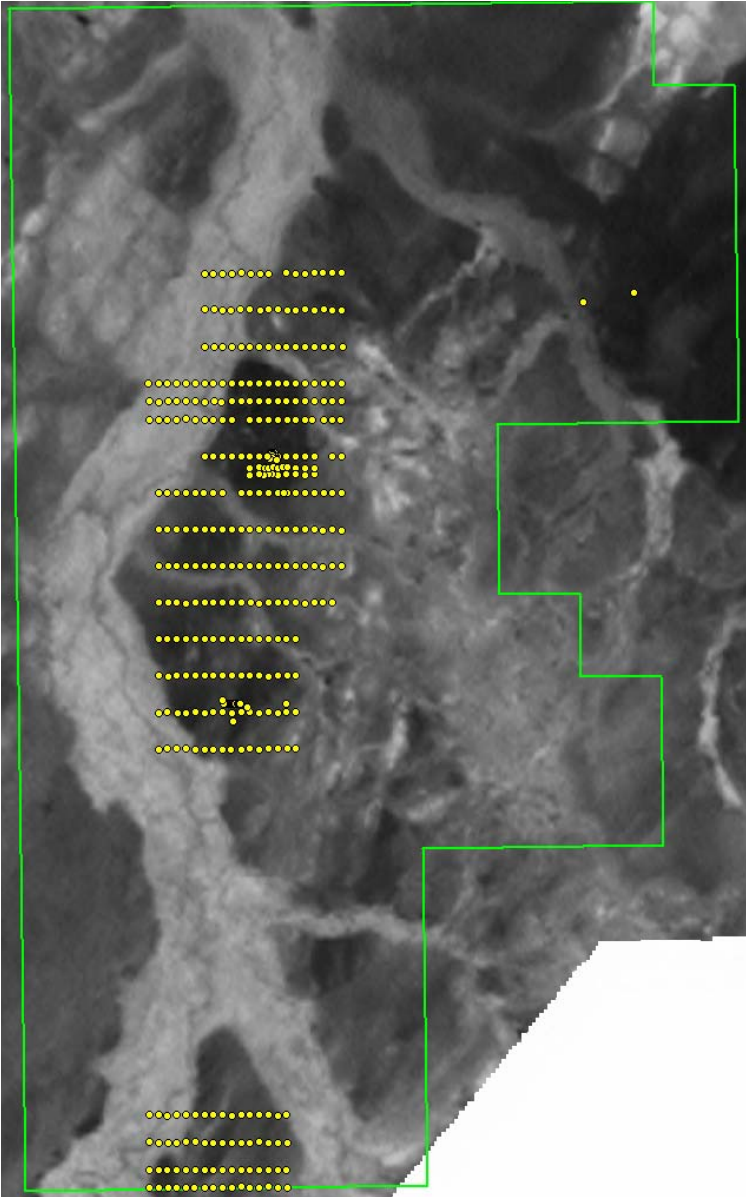


Lynd: Soil sampling locations on total radiometric map: 2007



Lynd: Soil and tree sampling



↑ Typical tree/grass coverage over mafic intrusions

Atypical tree/grass coverage over mafic intrusions →



Lynd: Radiometrics, Soil (and tree) sampling



↑ Tree sampling (bark only)

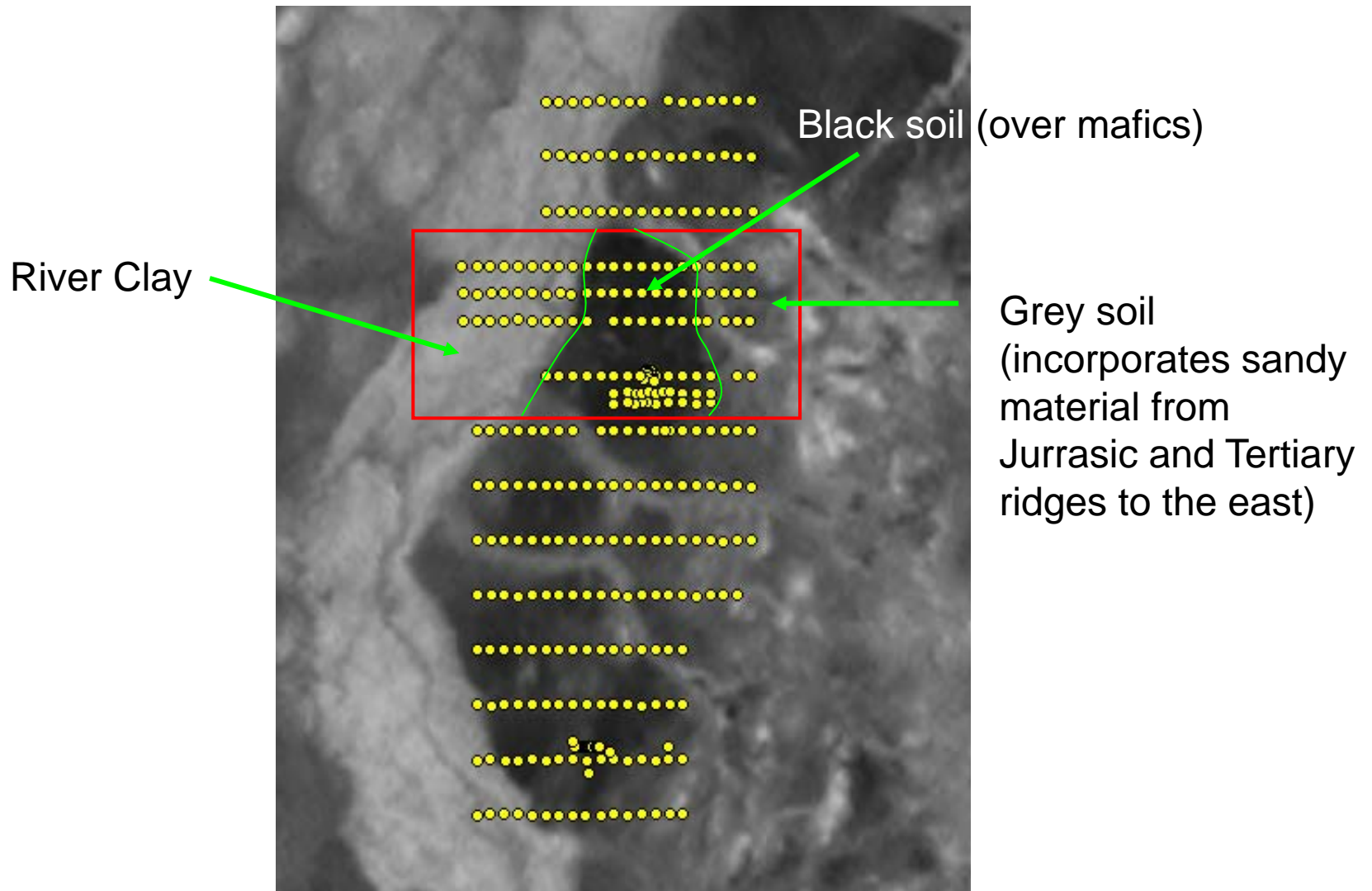


Two tree types (brown barked and red barked trees) →

Brown-bark trees only found in flood plain (pale grey in radiometric map).

Red-bark trees only found on mafic/ultramafic rocks (black on radiometric map)

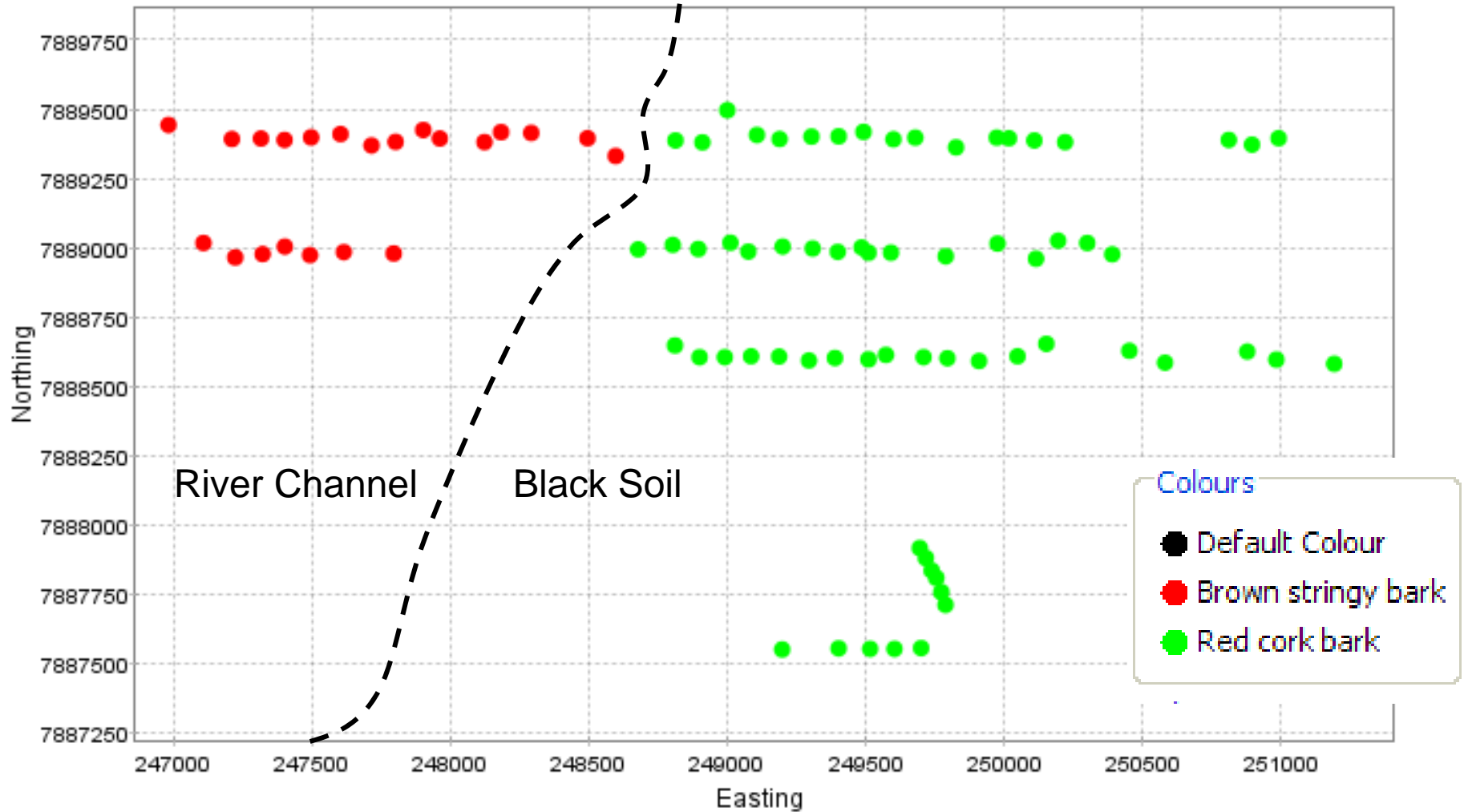
Location of tree sampling in relation to soil sampling



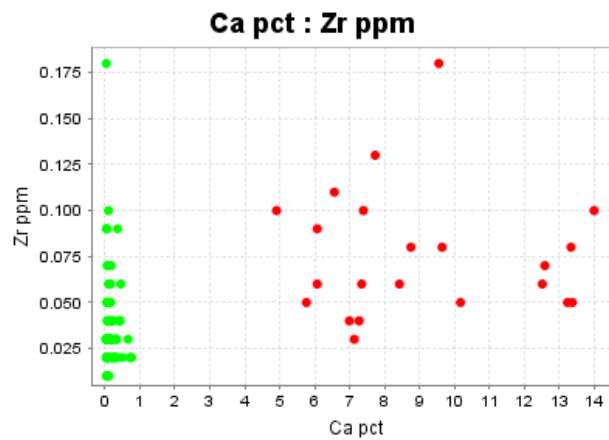
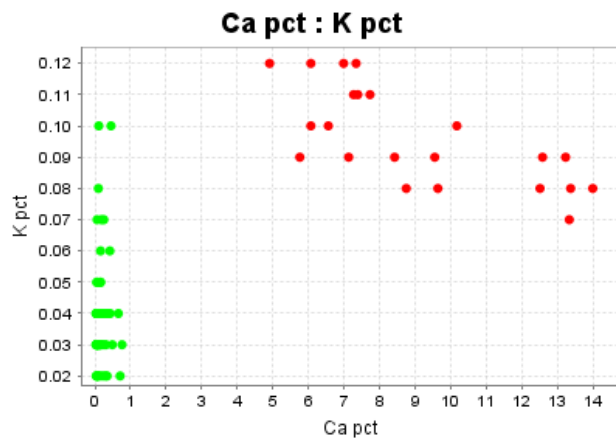
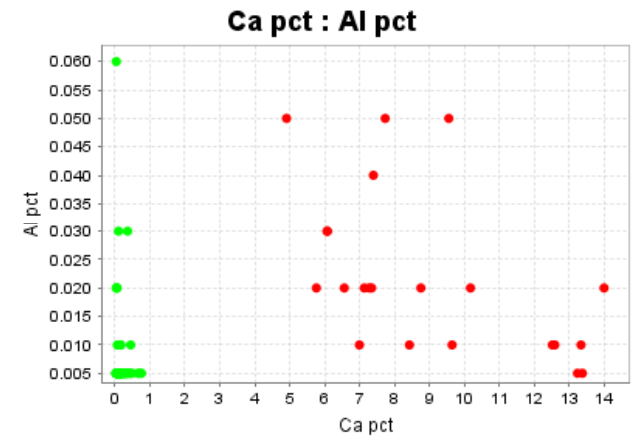
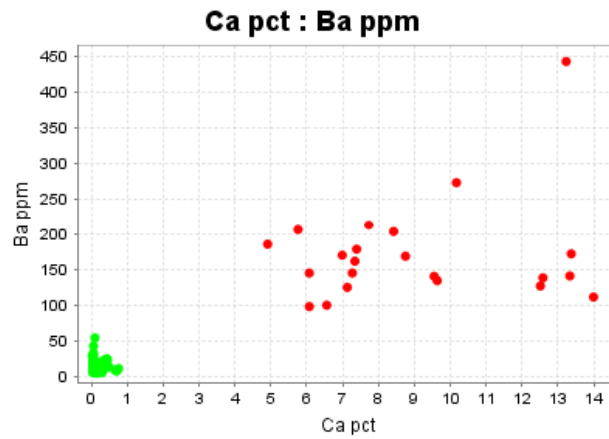
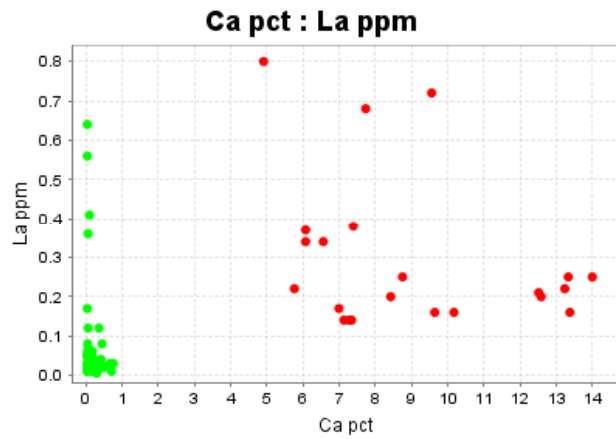
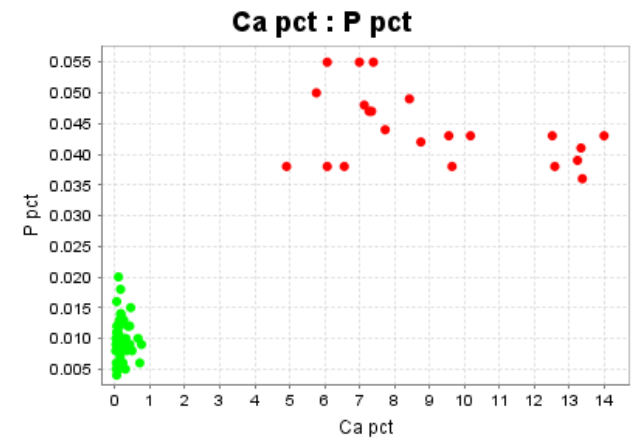
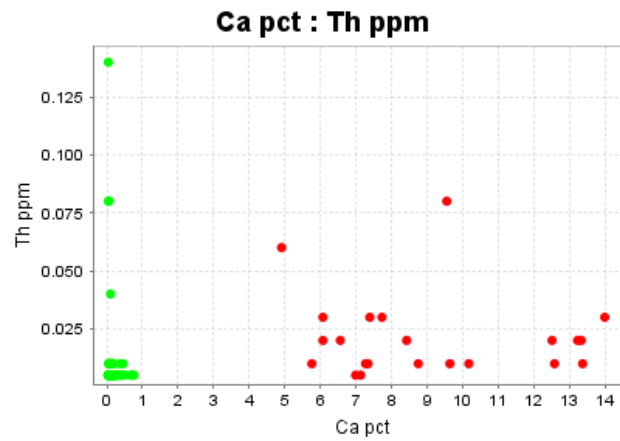
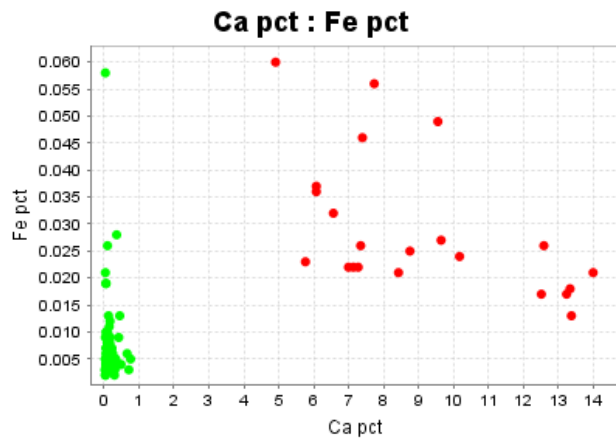
Location of brown versus red barked trees

(see radiometric map for further details)

Attribute Map (Colour, Shape and Size)



Chemistry of trees at Lynd



Colours

- Default Colour
- Brown stringy bark
- Red cork bark

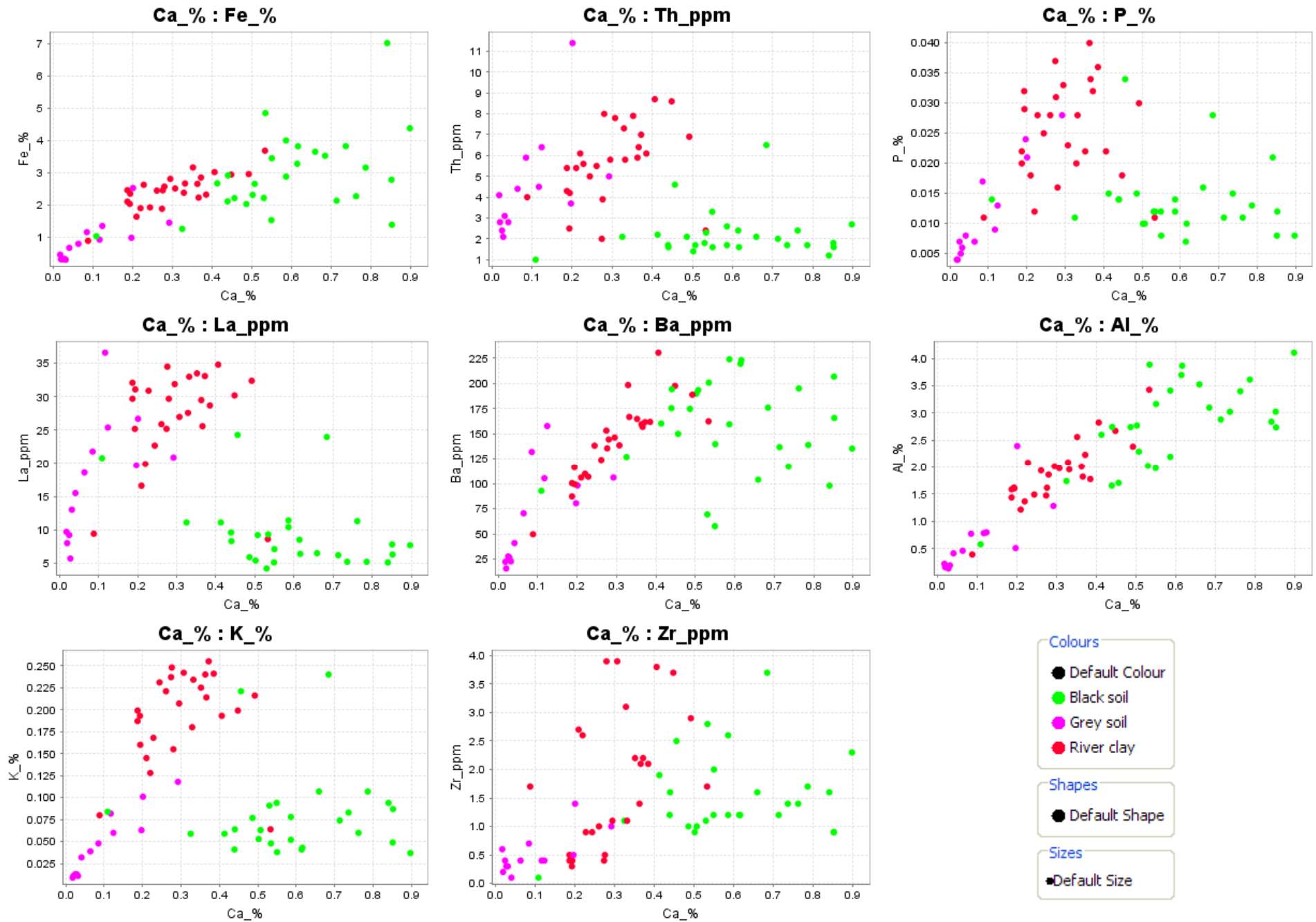
Shapes

- Default Shape

Sizes

- Default Size

Chemistry of soils at Lynd



Colours

- Default Colour
- Black soil
- Grey soil
- River clay

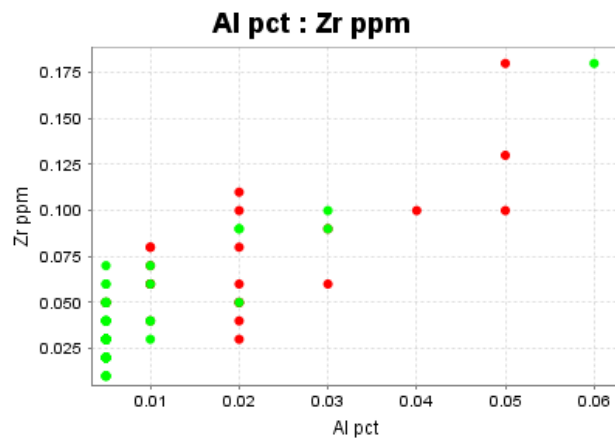
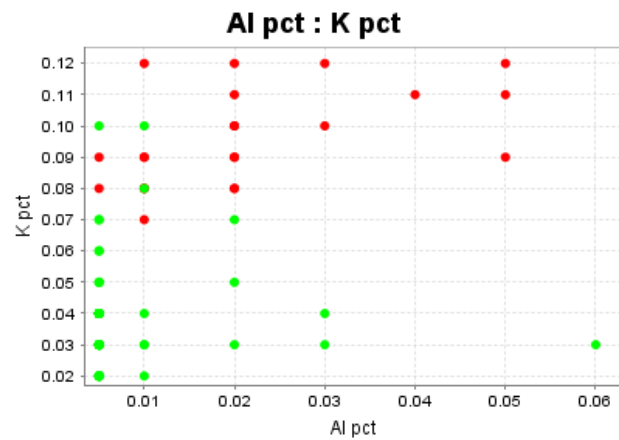
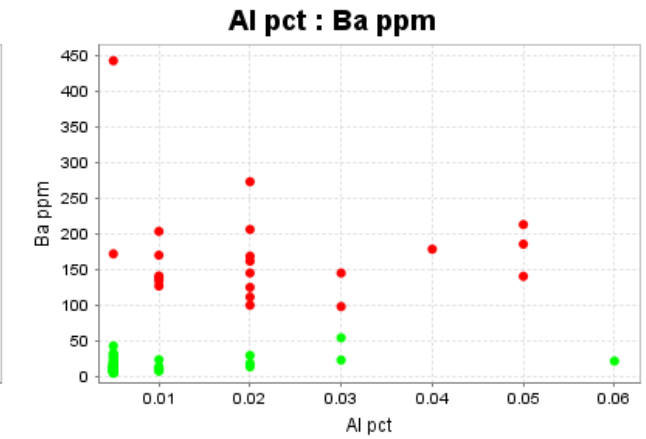
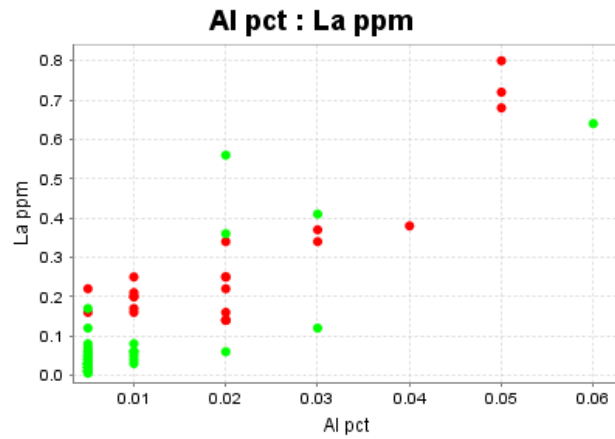
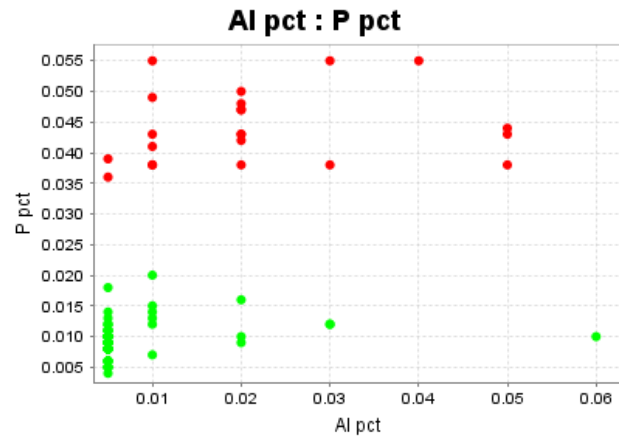
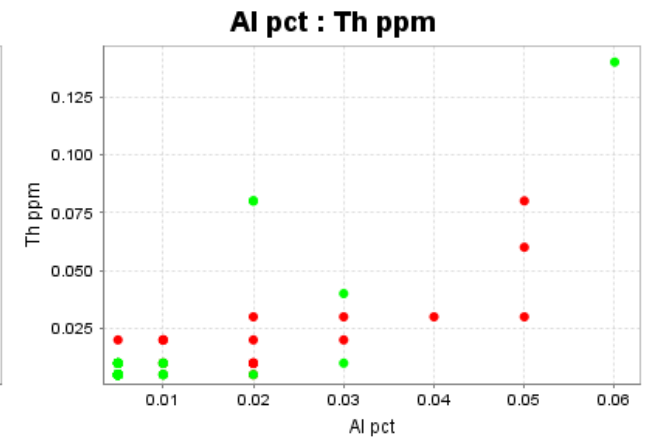
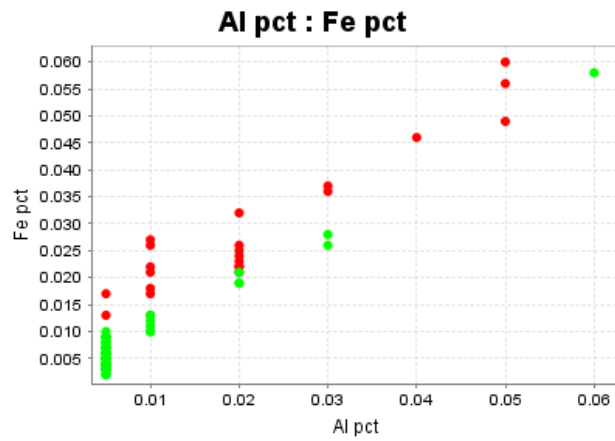
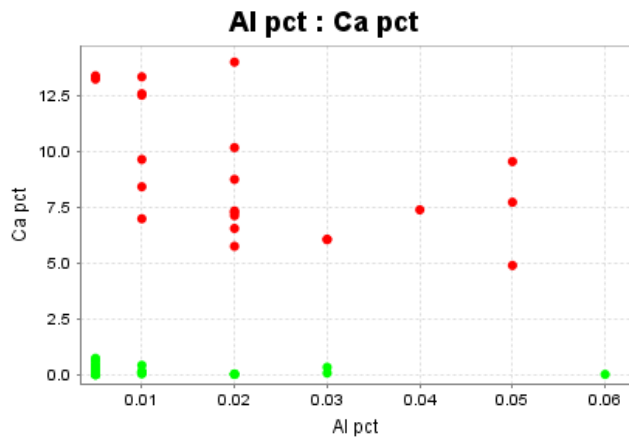
Shapes

- Default Shape

Sizes

- Default Size

Chemistry of trees at Lynd



Colours

- Default Colour
- Brown stringy bark
- Red cork bark

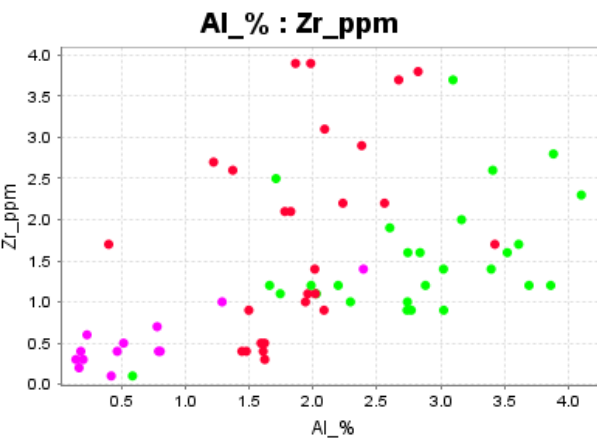
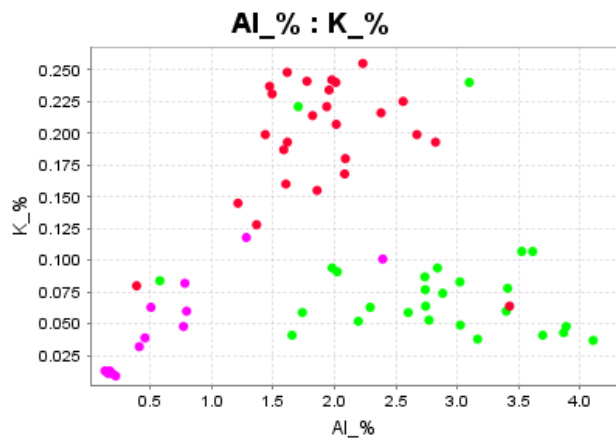
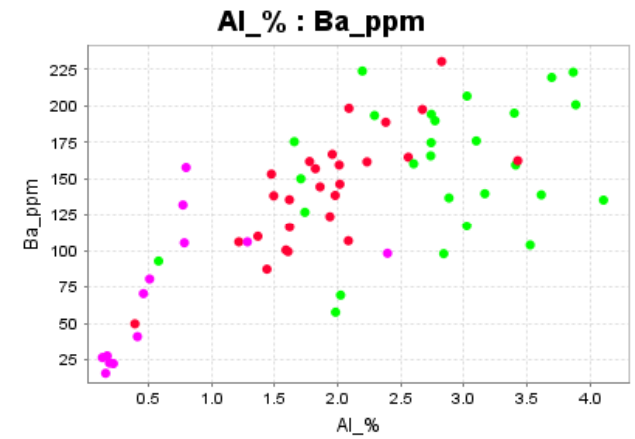
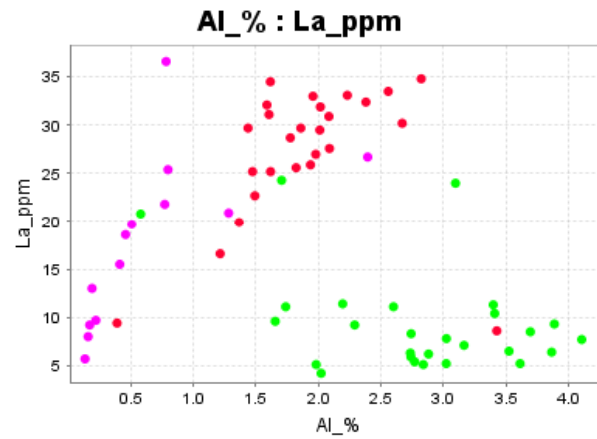
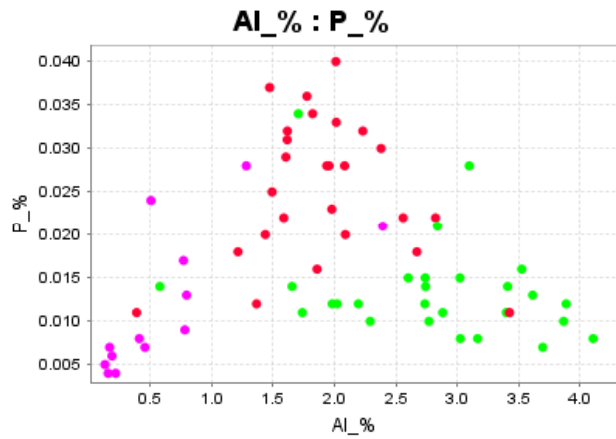
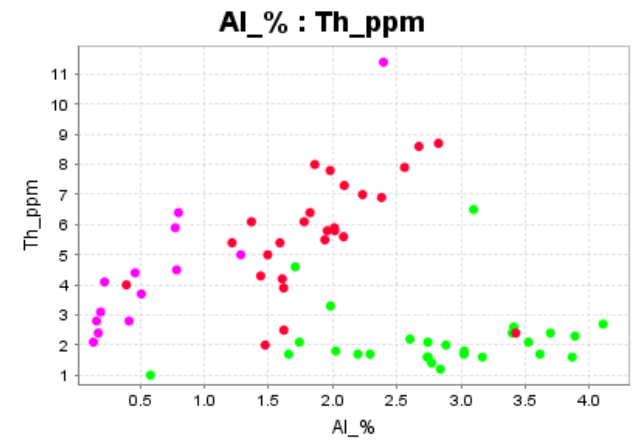
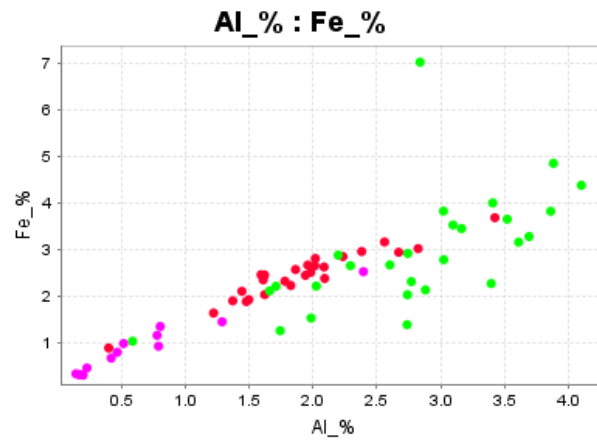
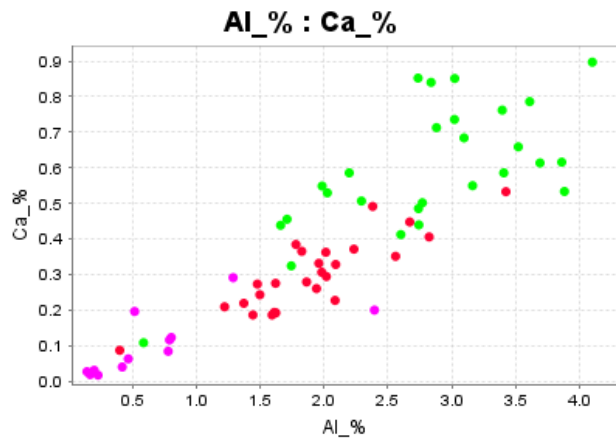
Shapes

- Default Shape

Sizes

- Default Size

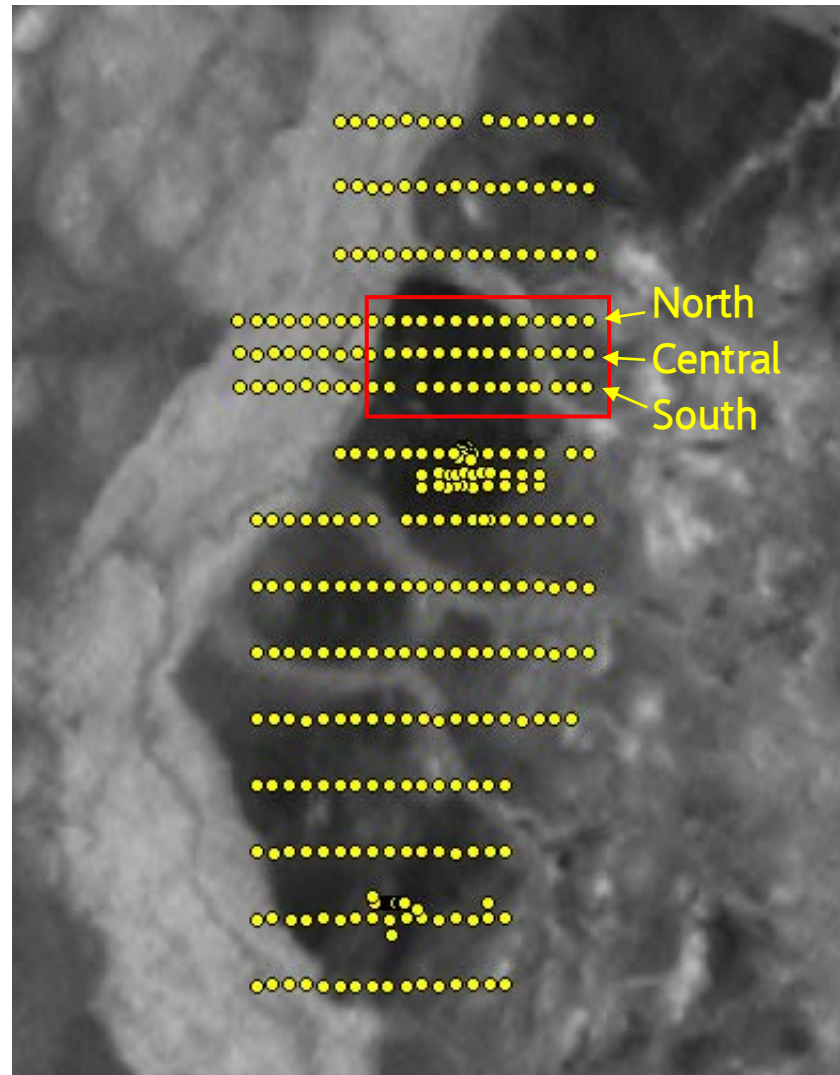
Chemistry of soils at Lynd



Location of tree profiles in following slides

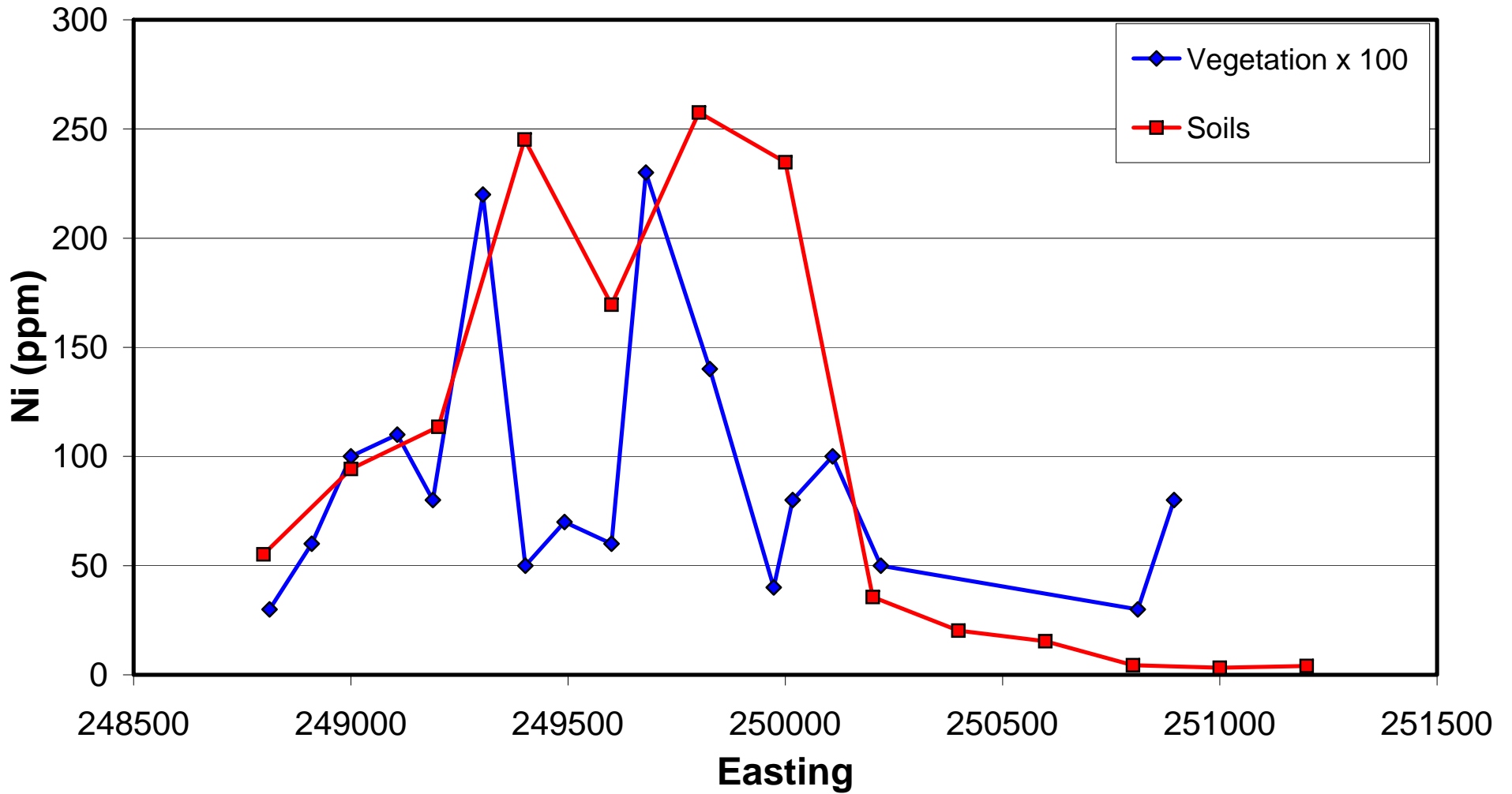
Only the red-bark trees are plotted

*****Note***** Tree sampling occurred at 100m whereas soil sampling was at 200m



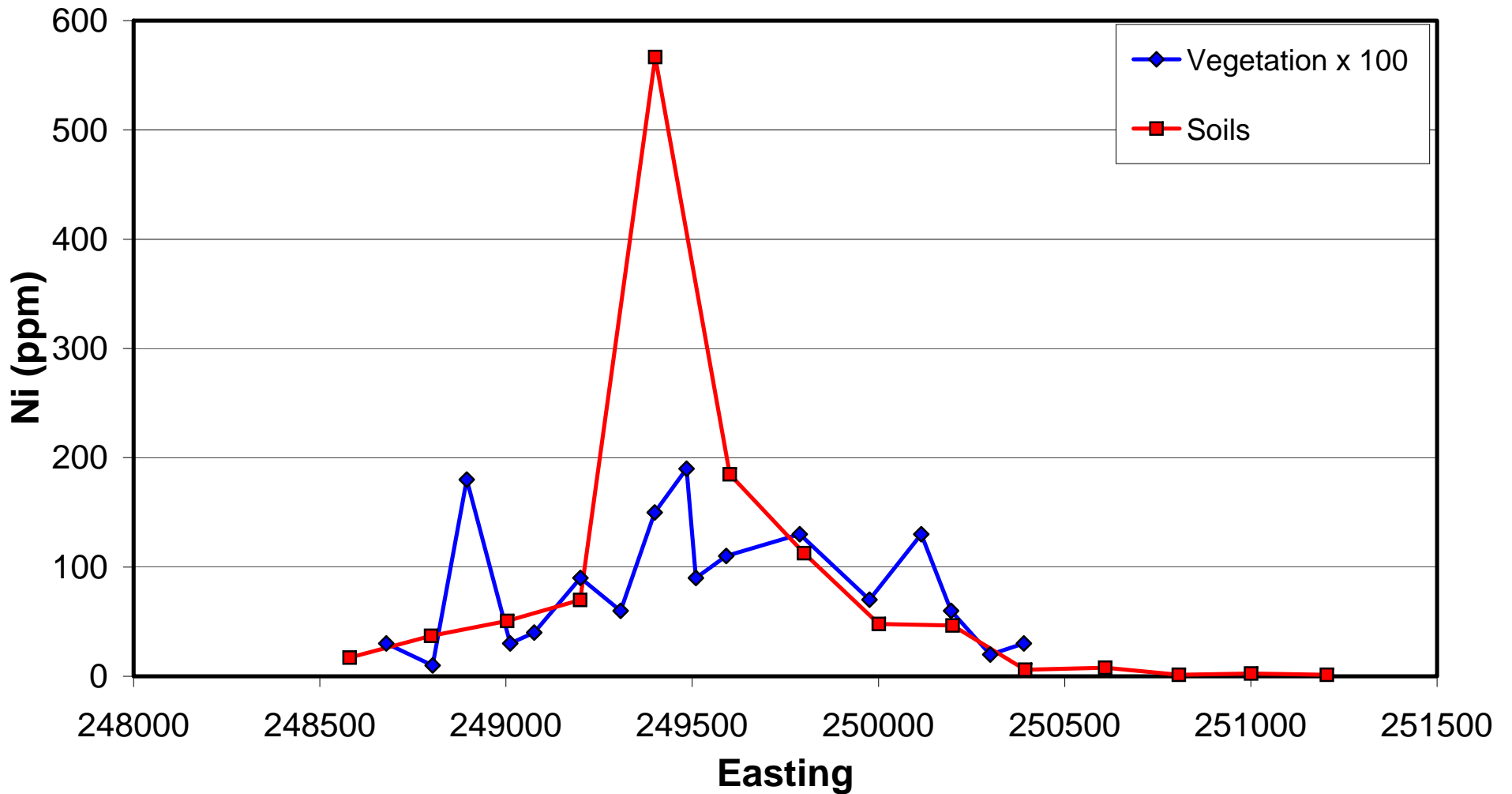
Good correlation between soils and vegetation, offset may be due to variation in sampling density

Ni in vegetation and soil northern traverse



Good to reasonable correlation between soils and vegetation,
variance likely to be due to variation in sampling density

Ni in vegetation and soil central traverse



Average to poor correlation between soils and vegetation.
Needs more work.

Ni in vegetation and soil southern traverse

