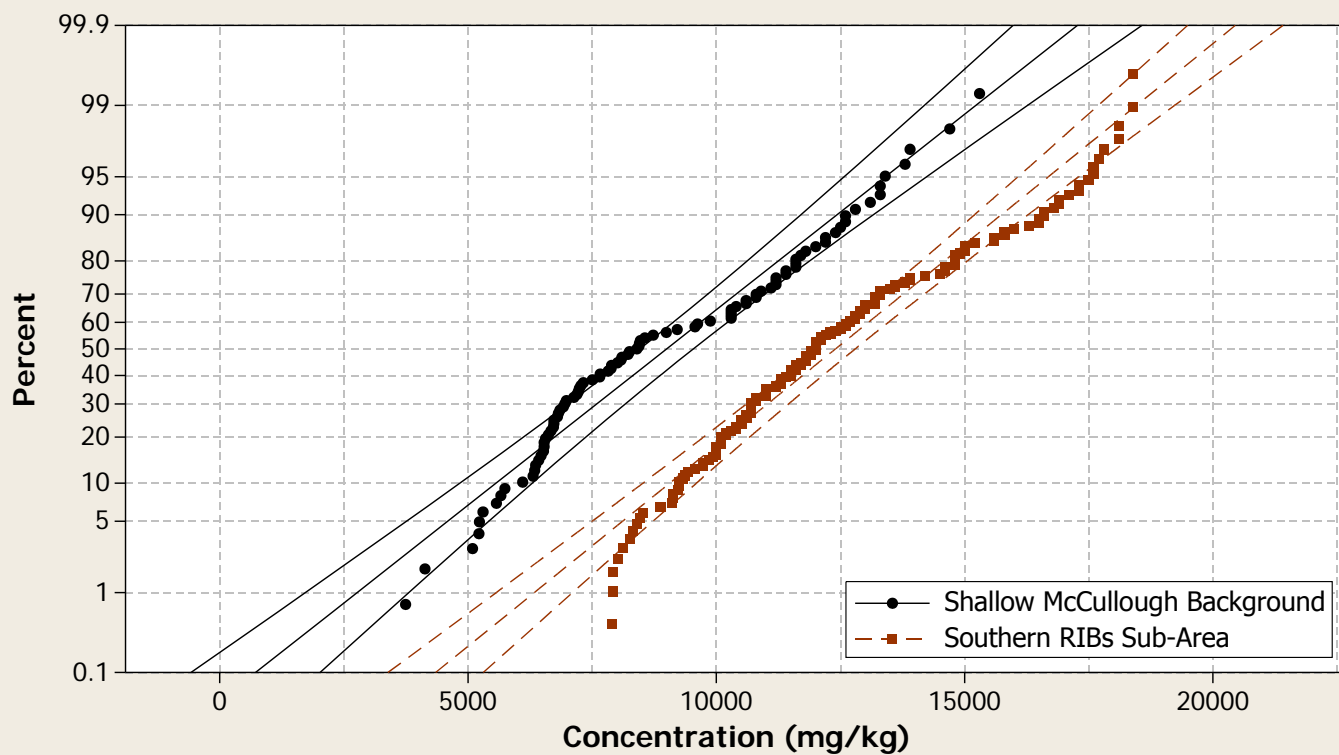# Probability Plot

Normal - 95% CI

Analyte = Aluminum

Boxplot

Analyte = Aluminum
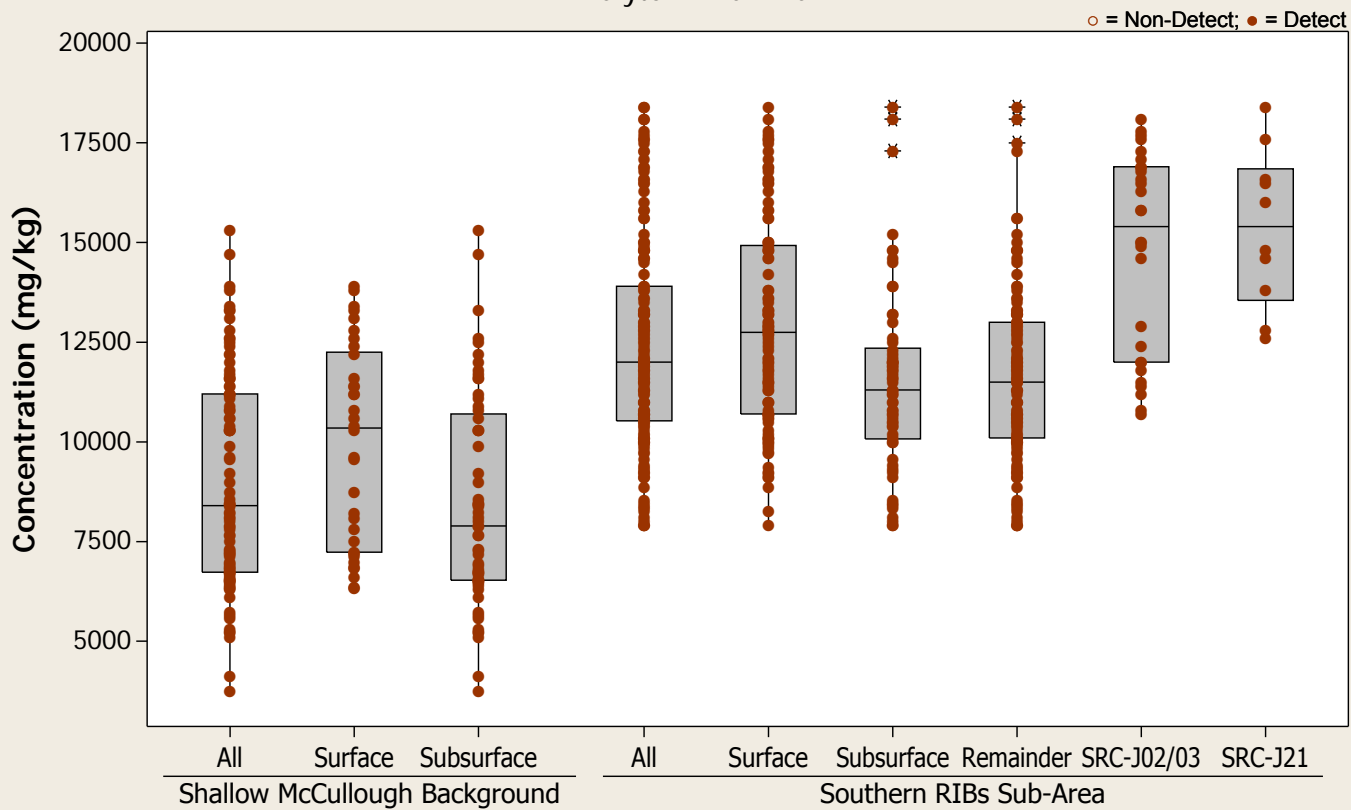
○ = Non-Detect; ● = Detect
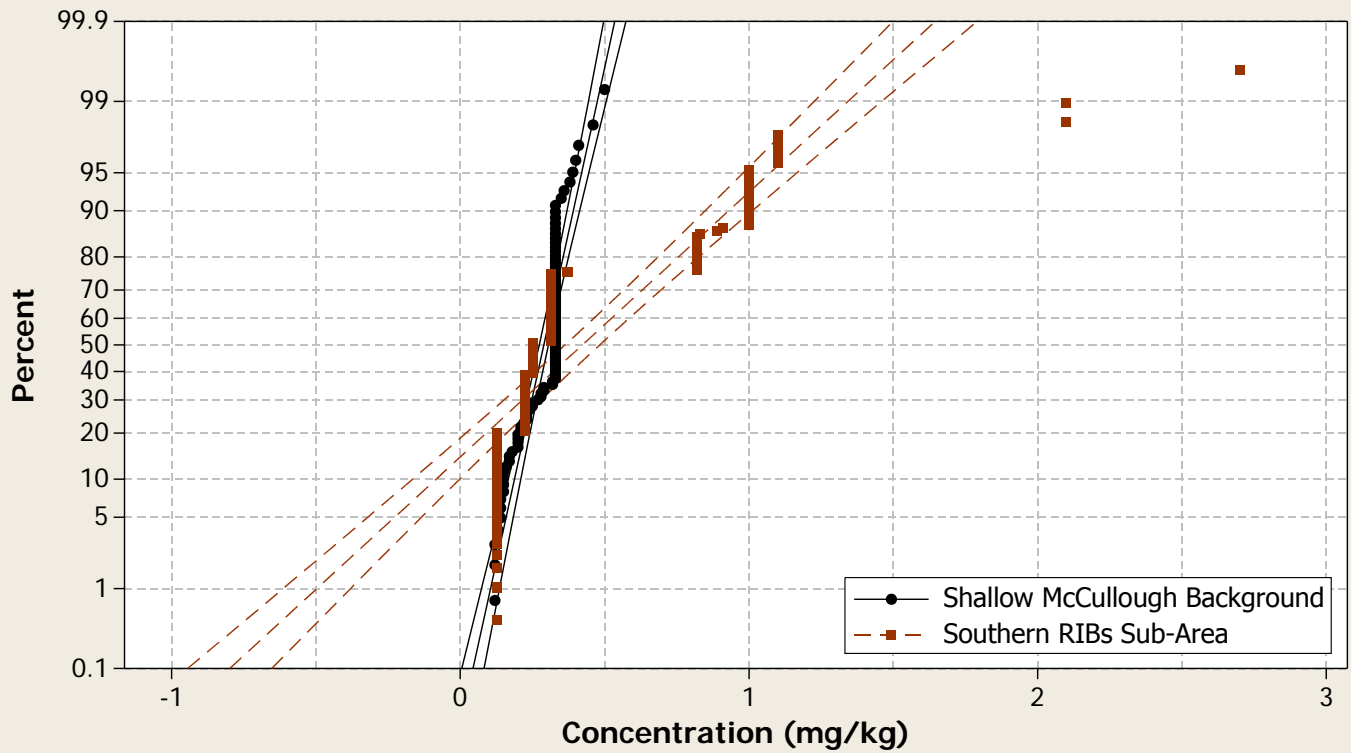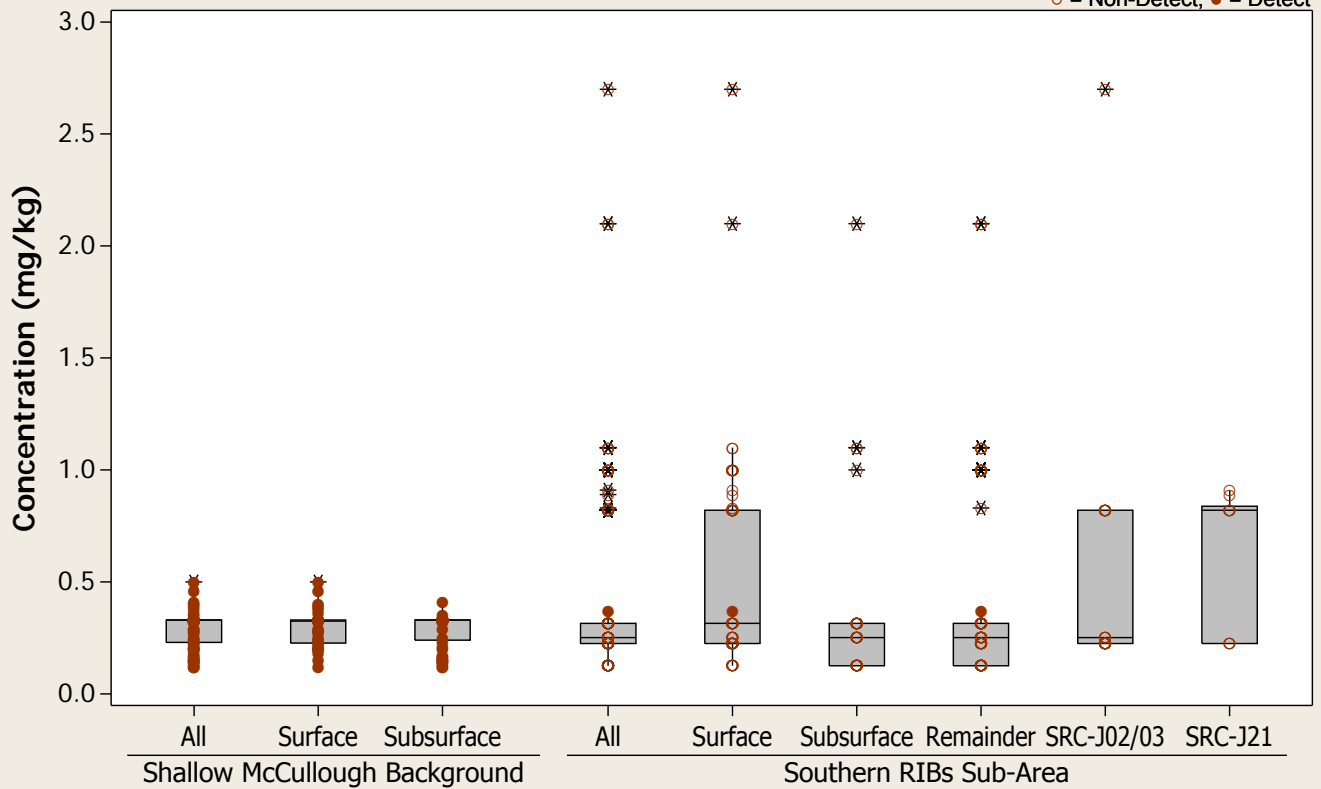
Probability Plot
Normal - 95% CI
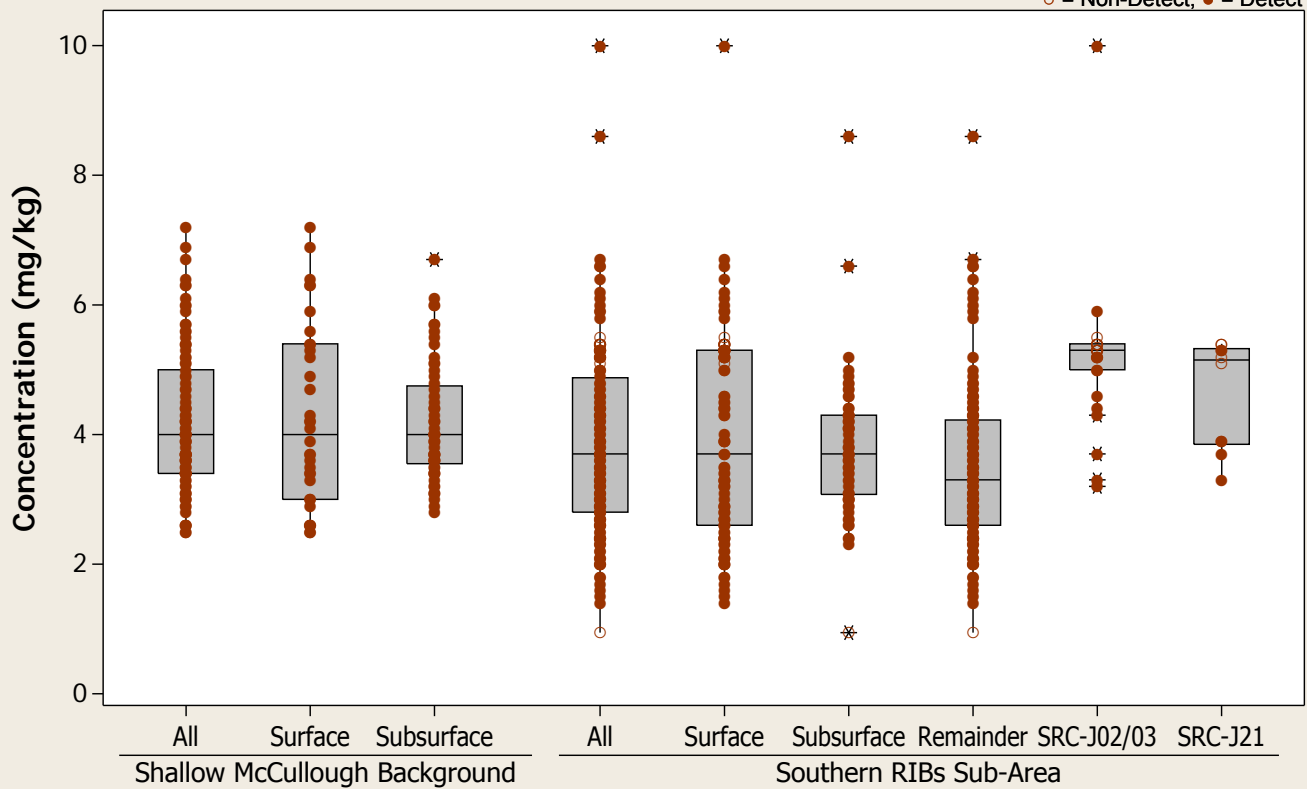## Analyte = Antimony

Boxplot
Analyte = Antimony

Probability Plot
Normal - 95% CI
Analyte = Arsenic

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area

X-axis: Concentration (mg/kg)
Y-axis: Percent
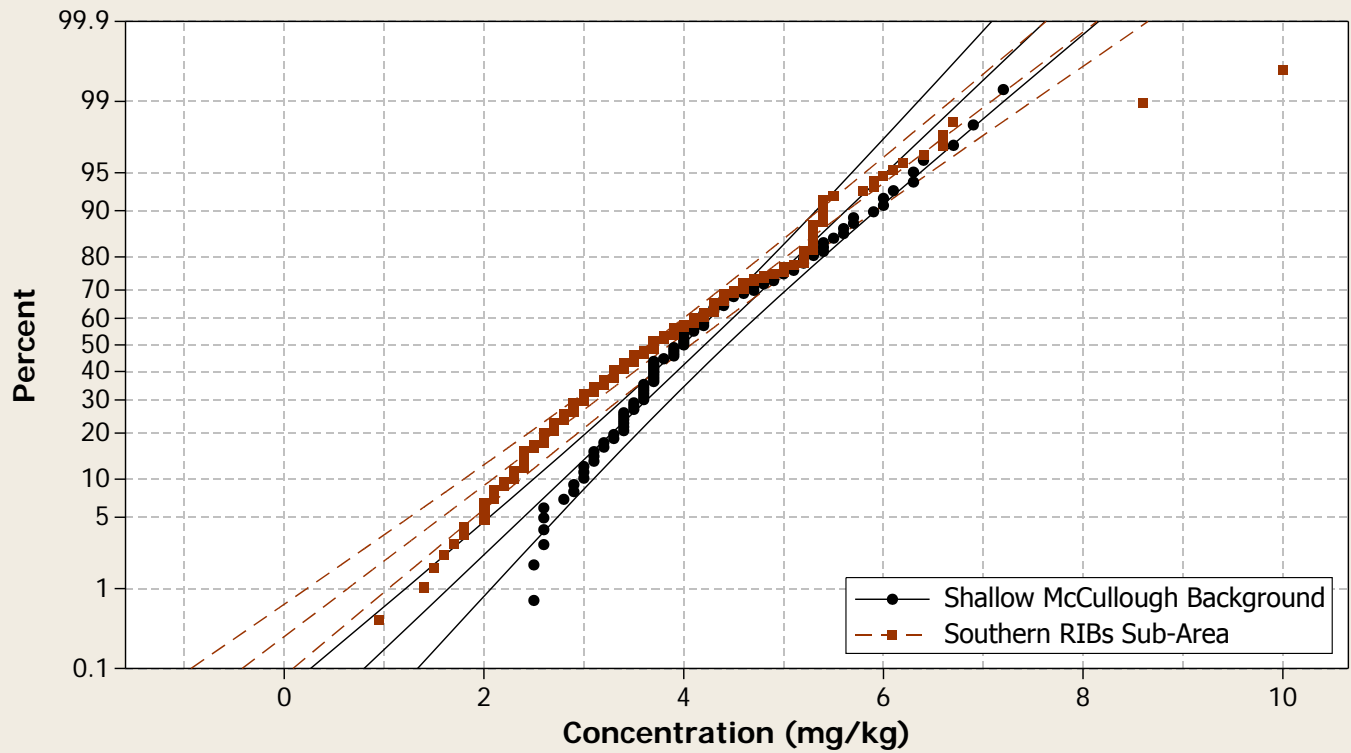
Boxplot
Analyte = Arsenic

○ = Non-Detect; ● = Detect

Y-axis: Concentration (mg/kg)

X-axis categories:
- Shallow McCullough Background: All, Surface, Subsurface
- Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21

Probability Plot

Normal - 95% CI
Analyte = Barium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area
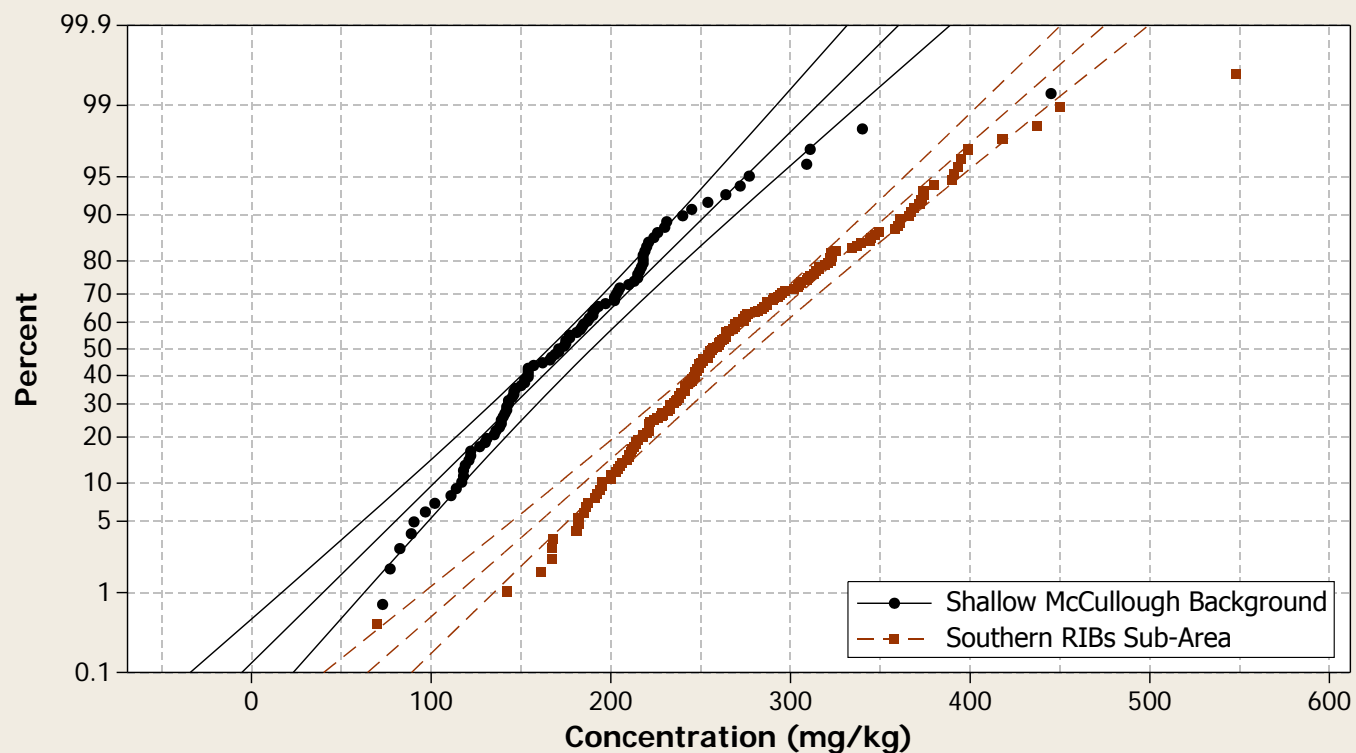
Boxplot

Analyte = Barium

○ = Non-Detect; ● = Detect

Shallow McCullough Background			Southern RIBs Sub-Area					
All	Surface	Subsurface	All	Surface	Subsurface	Remainder	SRC-J02/03	SRC-J21
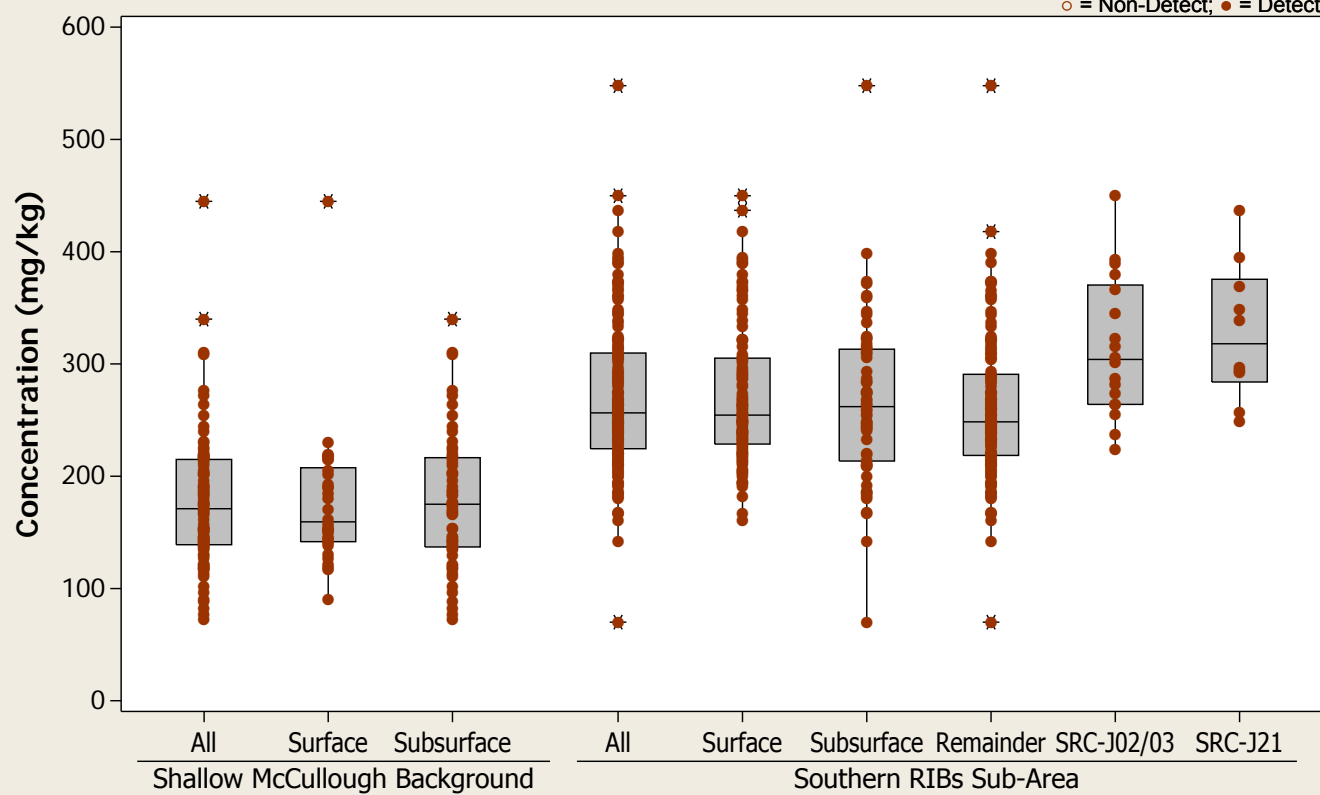
Probability Plot

Normal - 95% CI
Analyte = Beryllium
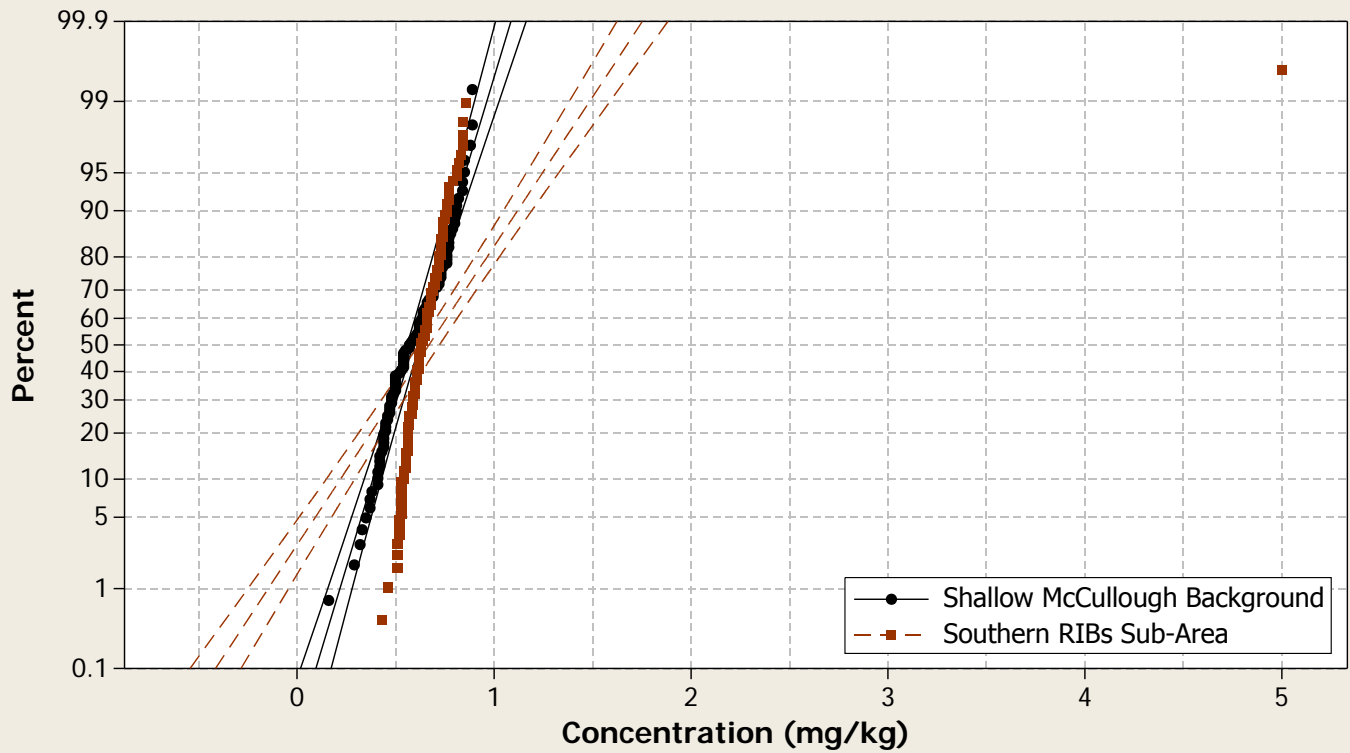
Boxplot

Analyte = Beryllium

Probability Plot
Normal - 95% CI
Analyte = Boron

Percent (y-axis): 99.9, 99, 95, 90, 80, 70, 60, 50, 40, 30, 20, 10, 5, 1, 0.1

Concentration (mg/kg) (x-axis): -50, -25, 0, 25, 50, 75

Legend:
- —•— Shallow McCullough Background
- --■-- Southern RIBs Sub-Area
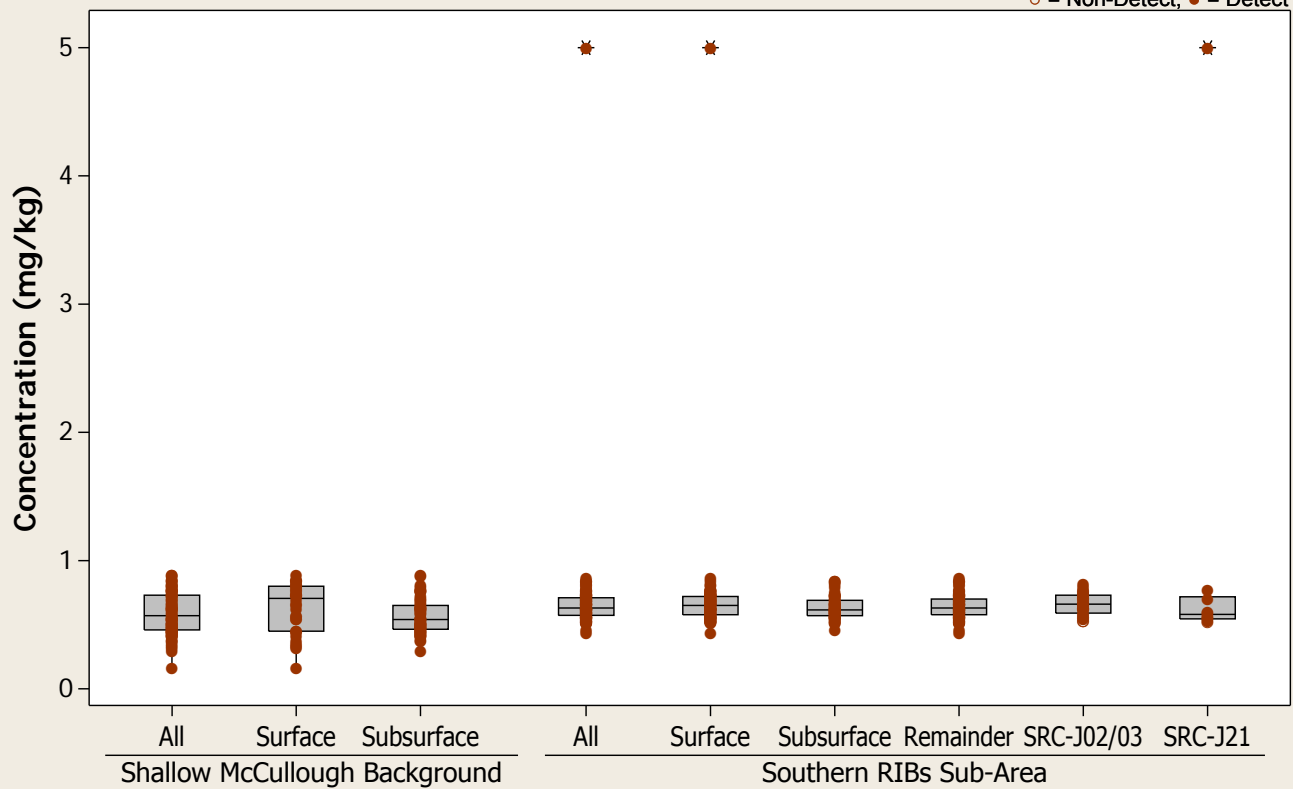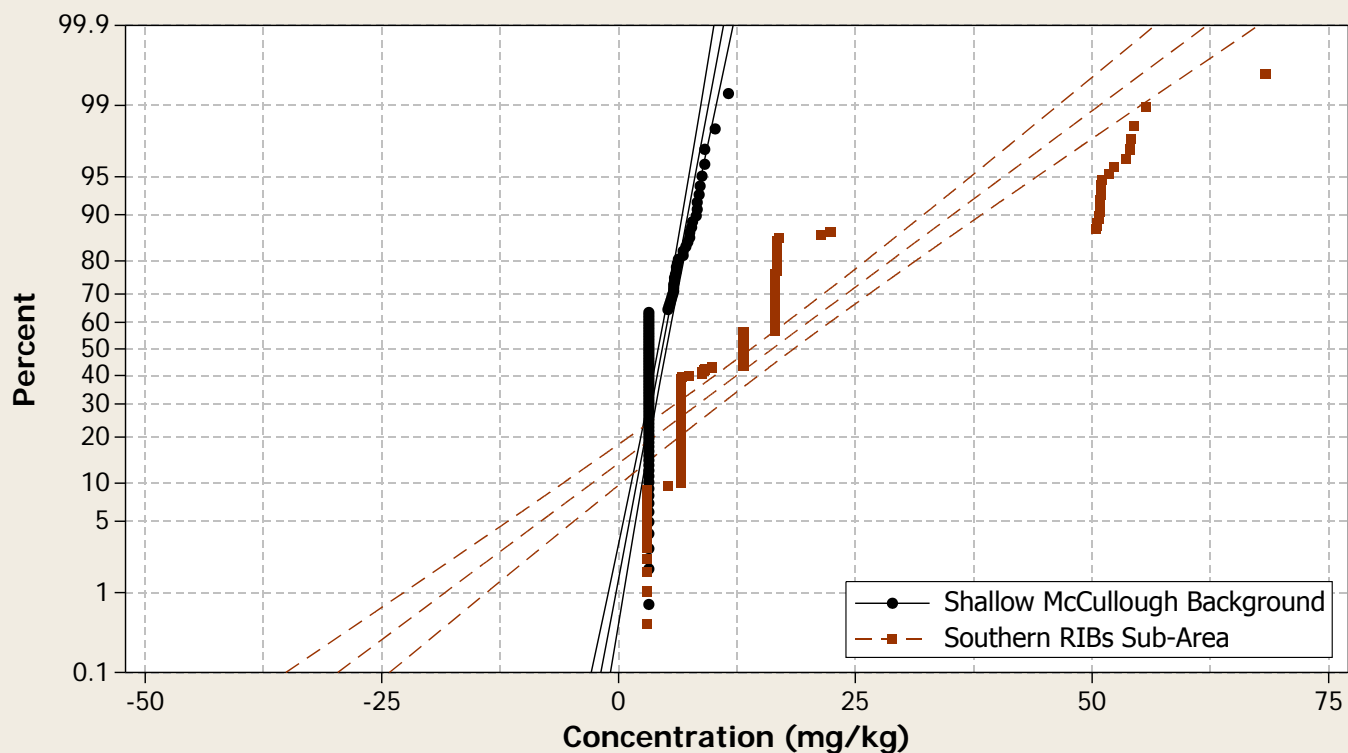
Boxplot
Analyte = Boron

○ = Non-Detect; ● = Detect

Concentration (mg/kg) (y-axis): 0, 10, 20, 30, 40, 50, 60, 70

x-axis categories:
All, Surface, Subsurface — Shallow McCullough Background
All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21 — Southern RIBs Sub-Area
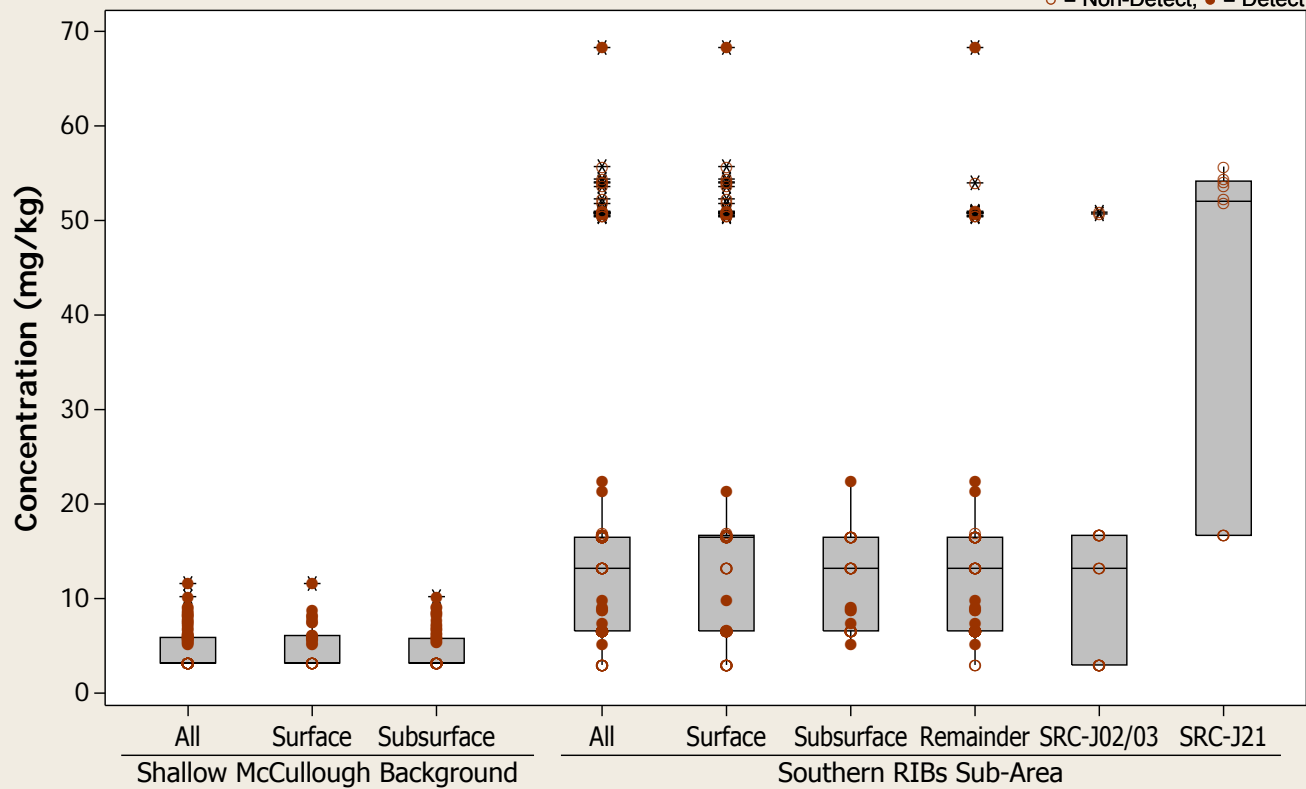
Probability Plot

Normal - 95% CI
Analyte = Cadmium

Boxplot

Analyte = Cadmium

○ = Non-Detect; ● = Detect

Probability Plot
Normal - 95% CI
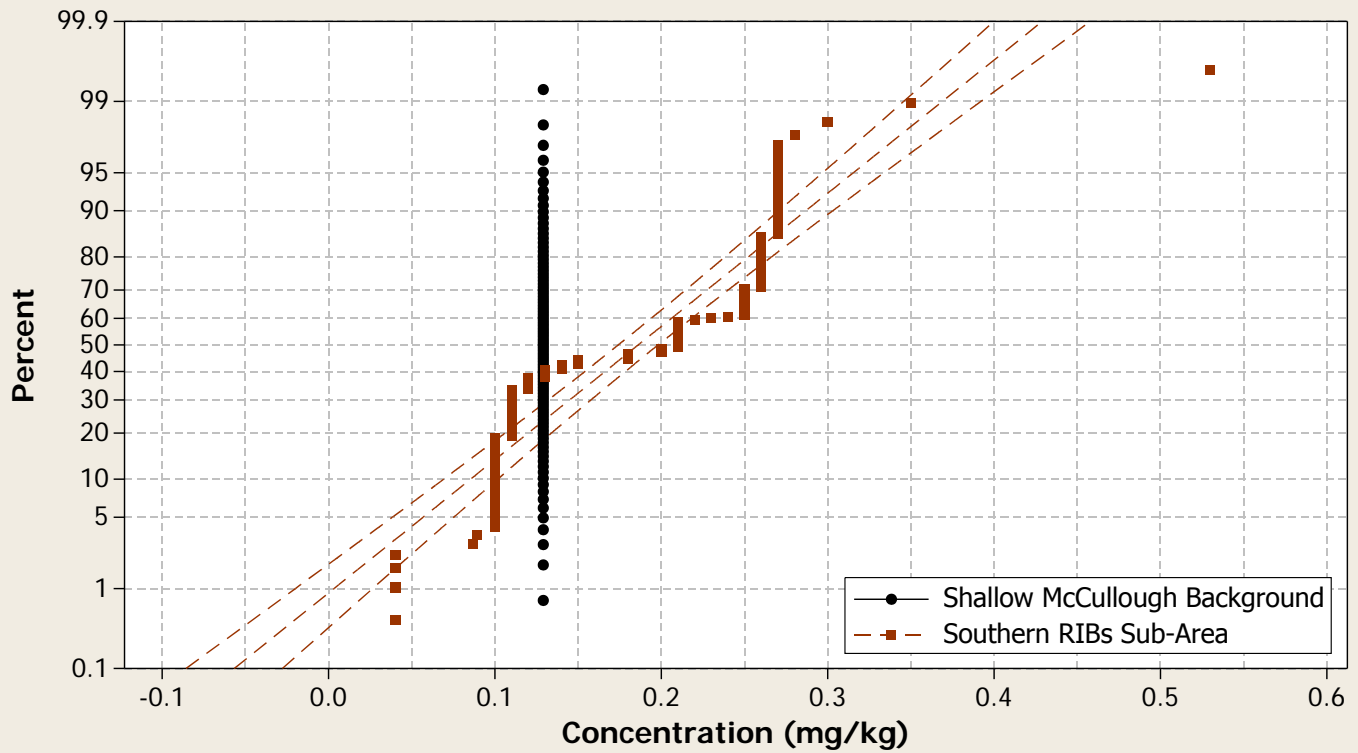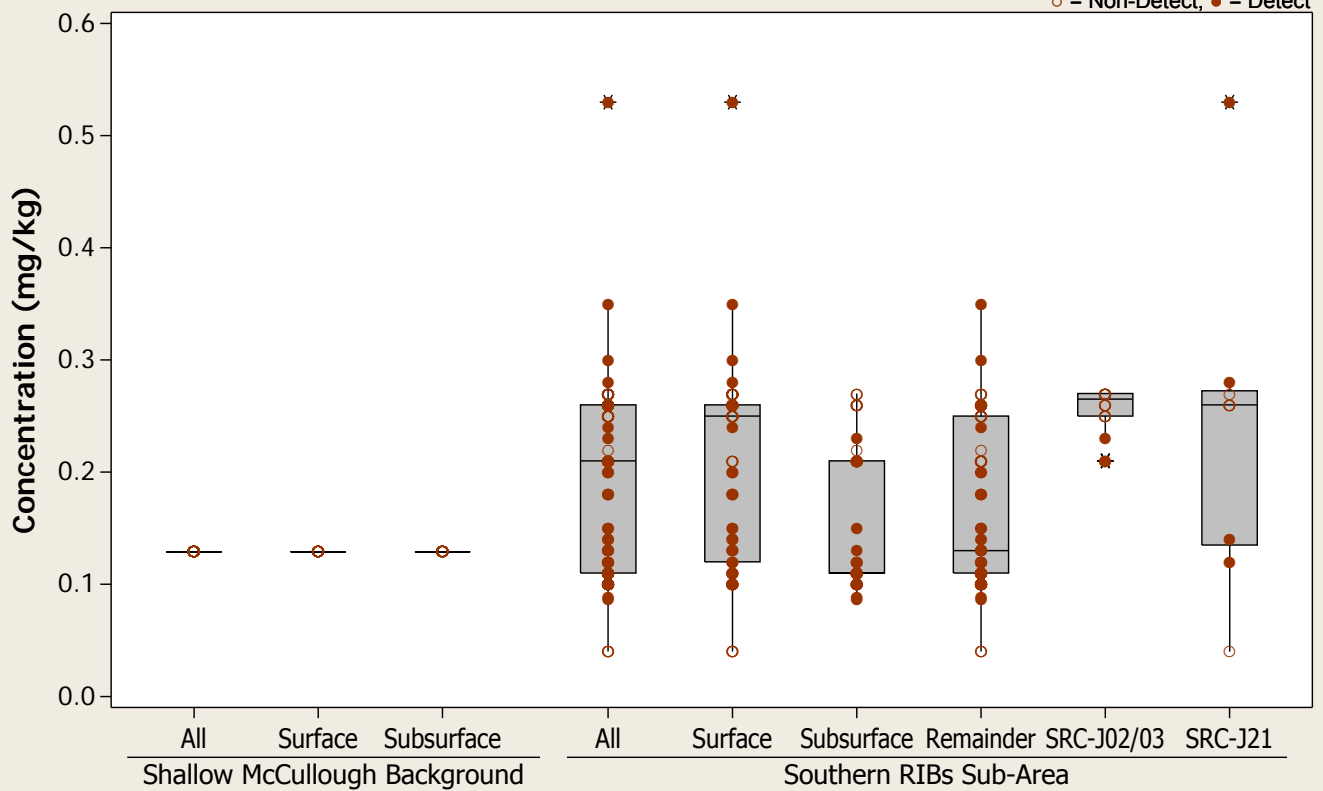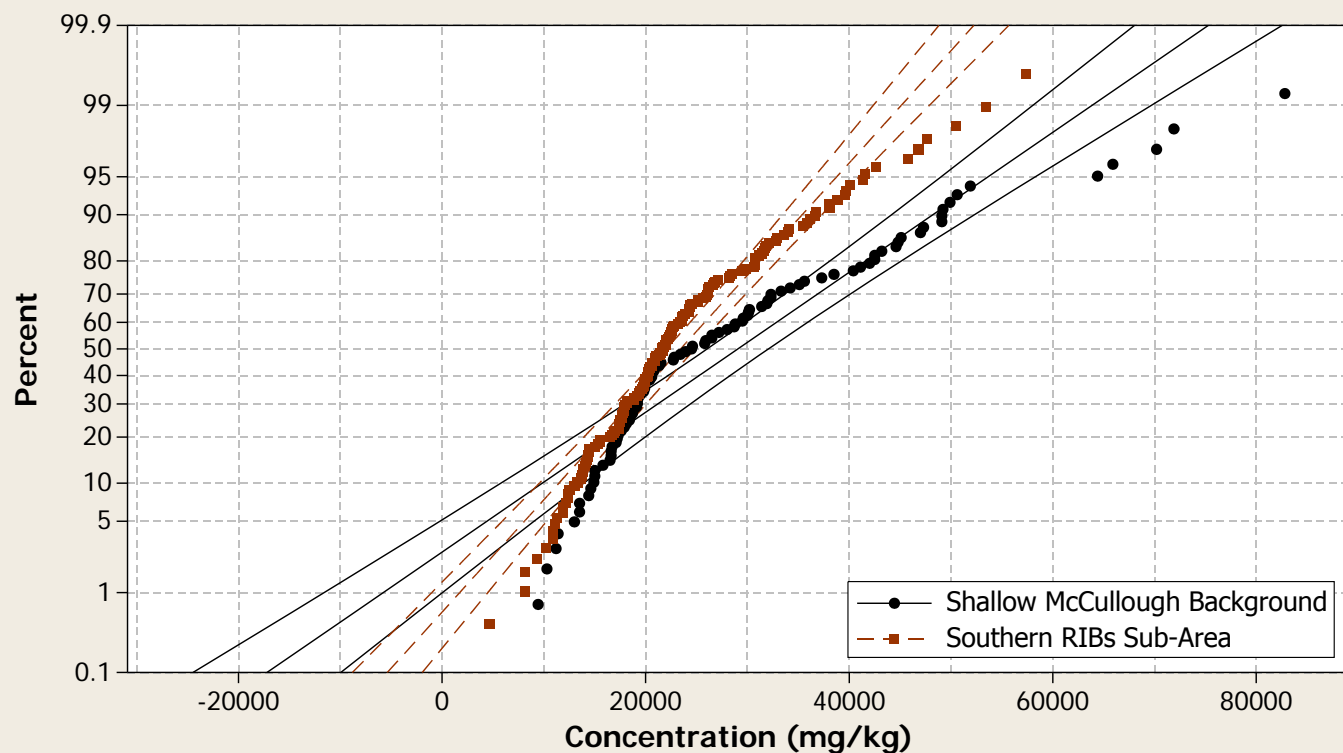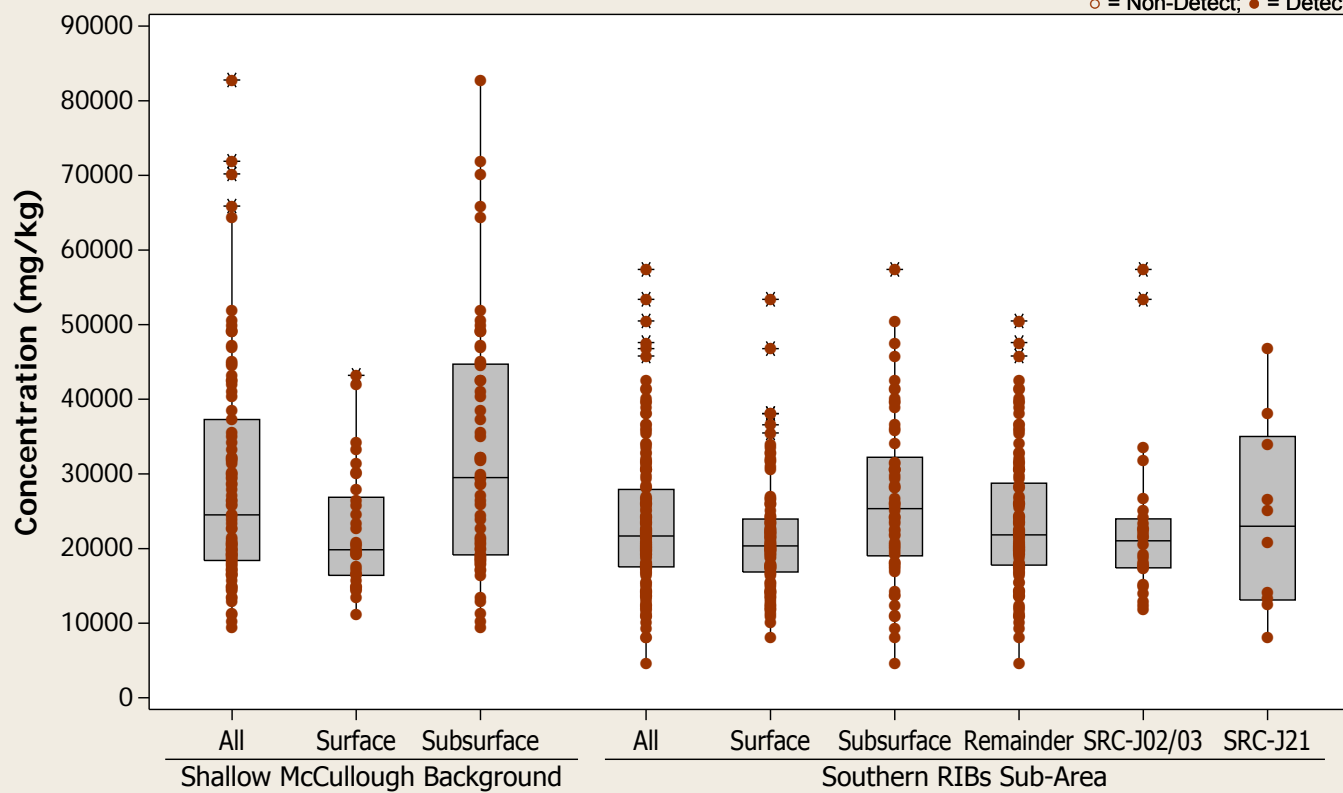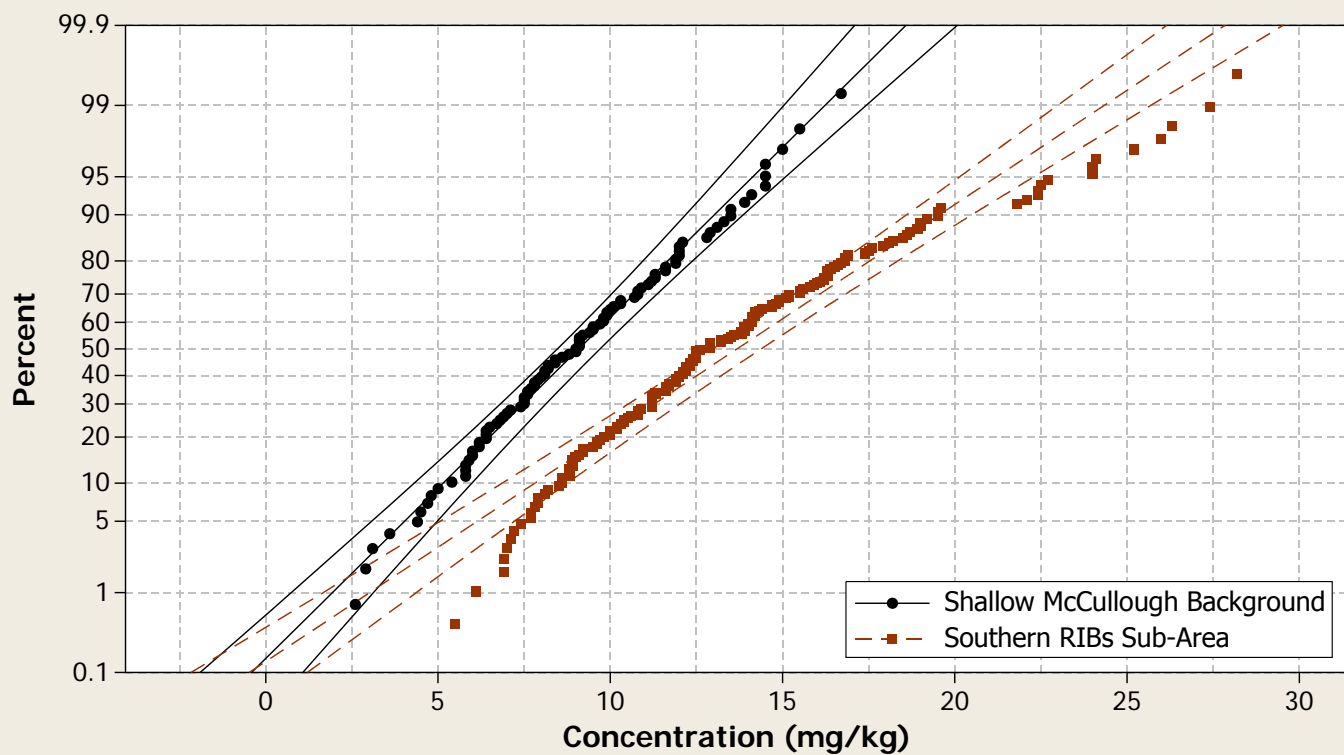## Analyte = Calcium

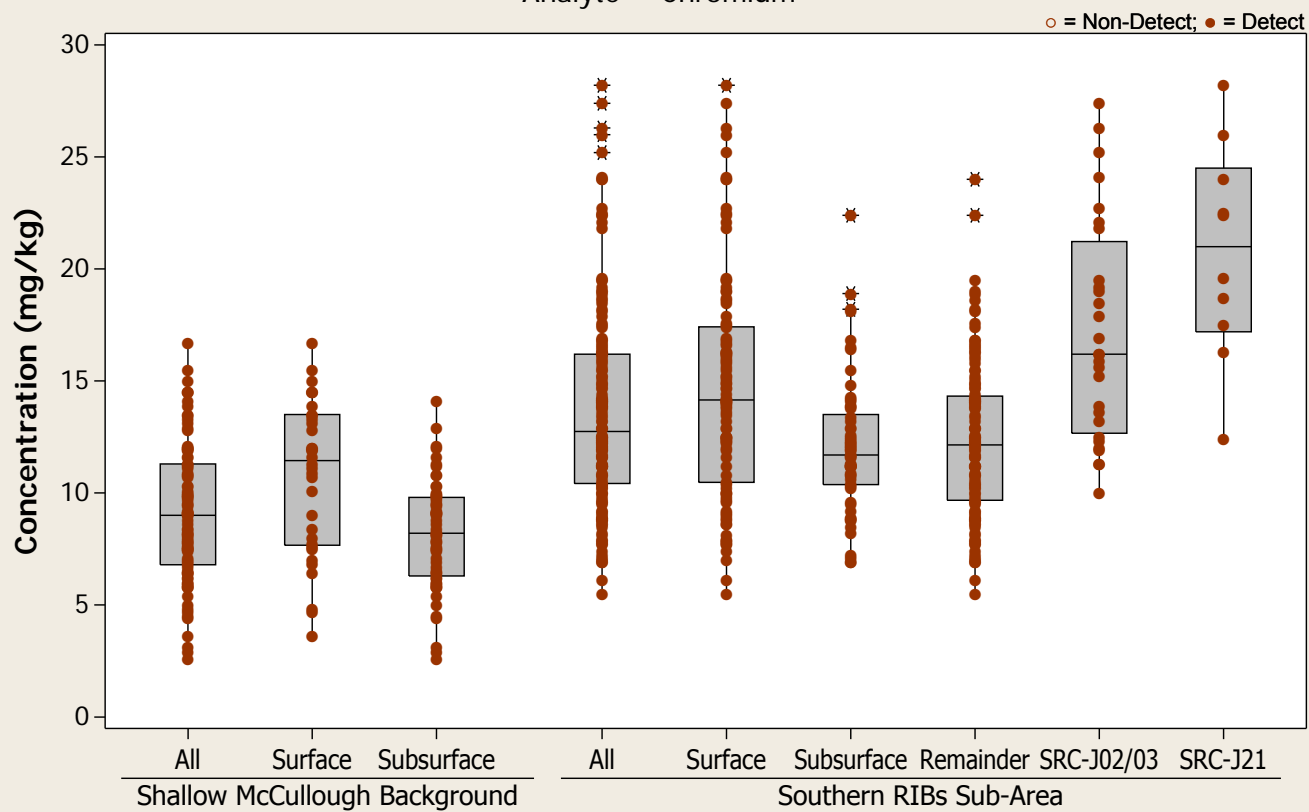# Boxplot
Analyte = Calcium

○ = Non-Detect; ● = Detect

Probability Plot

Normal - 95% CI

Analyte = Chromium

Boxplot
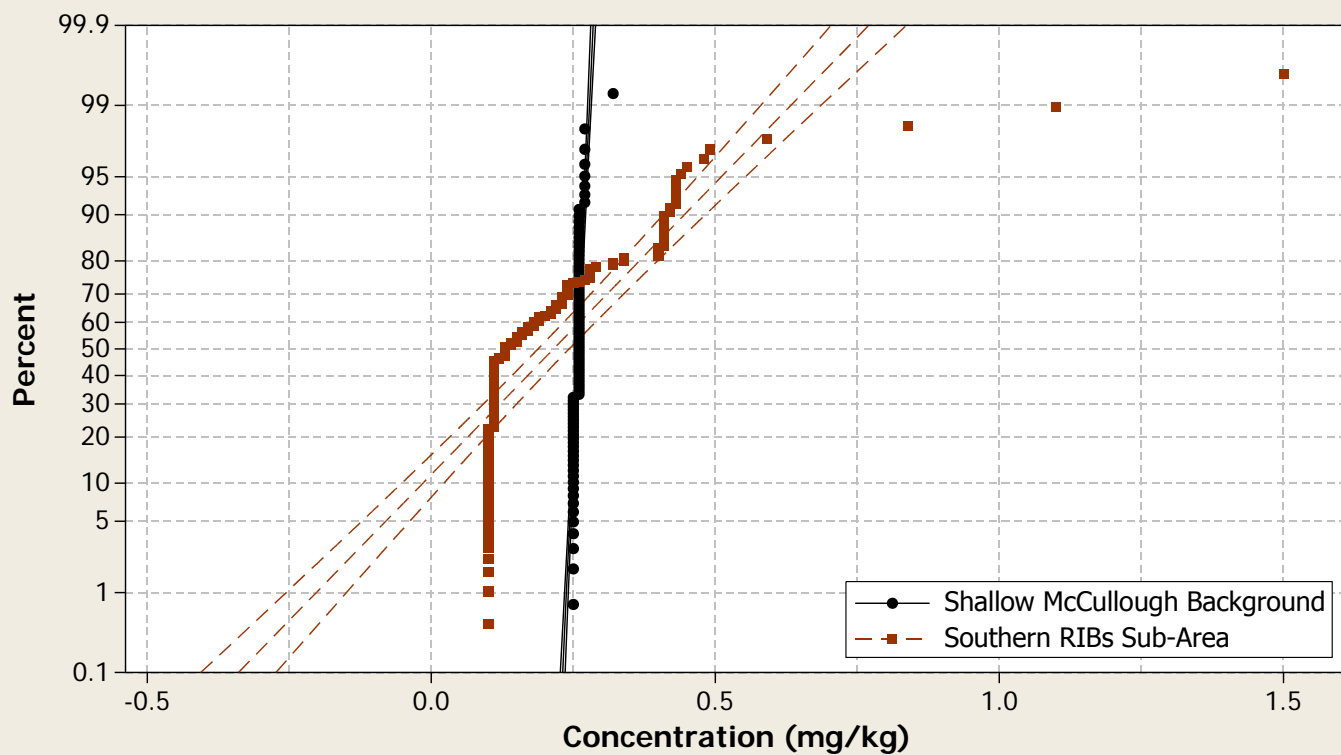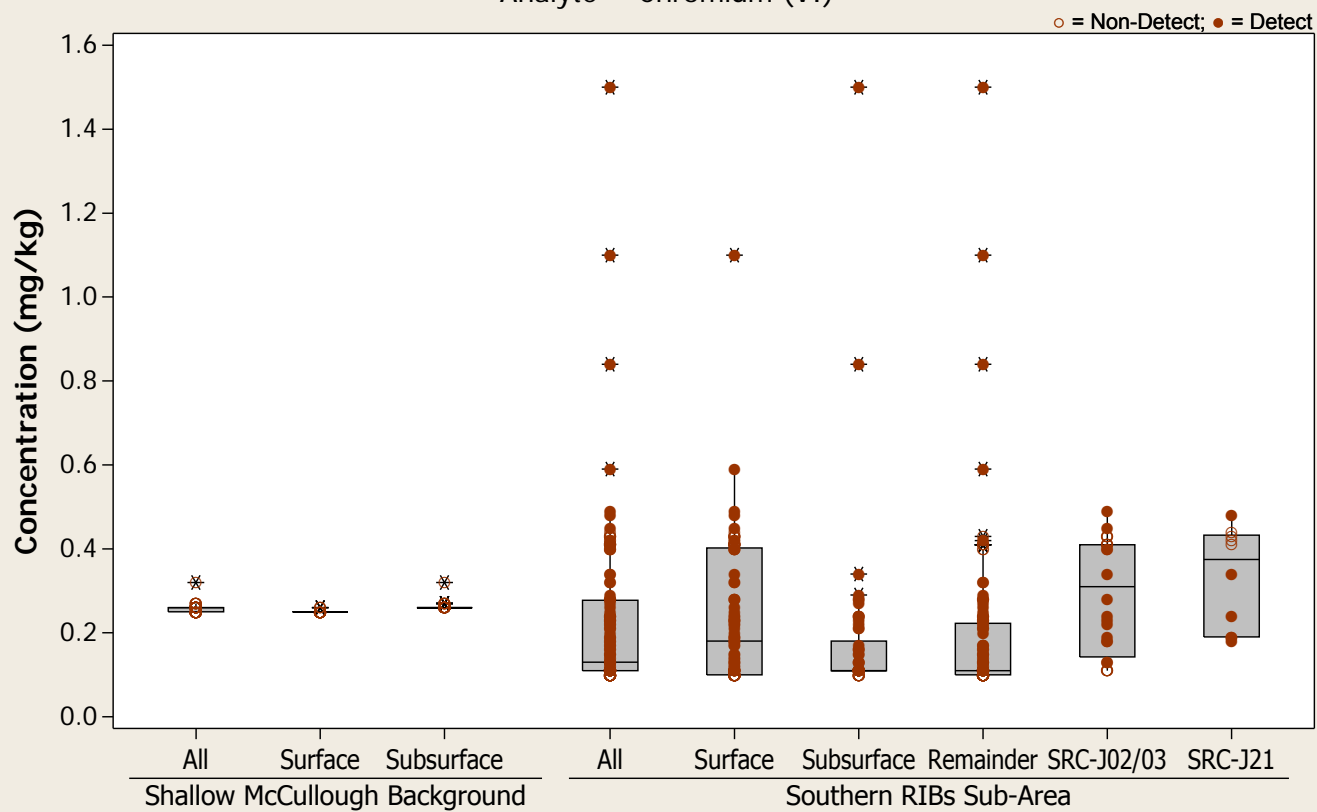
Analyte = Chromium

○ = Non-Detect; ● = Detect

Probability Plot

Normal - 95% CI
Analyte = Chromium (VI)

Boxplot

Analyte = Chromium (VI)

○ = Non-Detect; ● = Detect

Probability Plot

Normal - 95% CI
Analyte = Cobalt
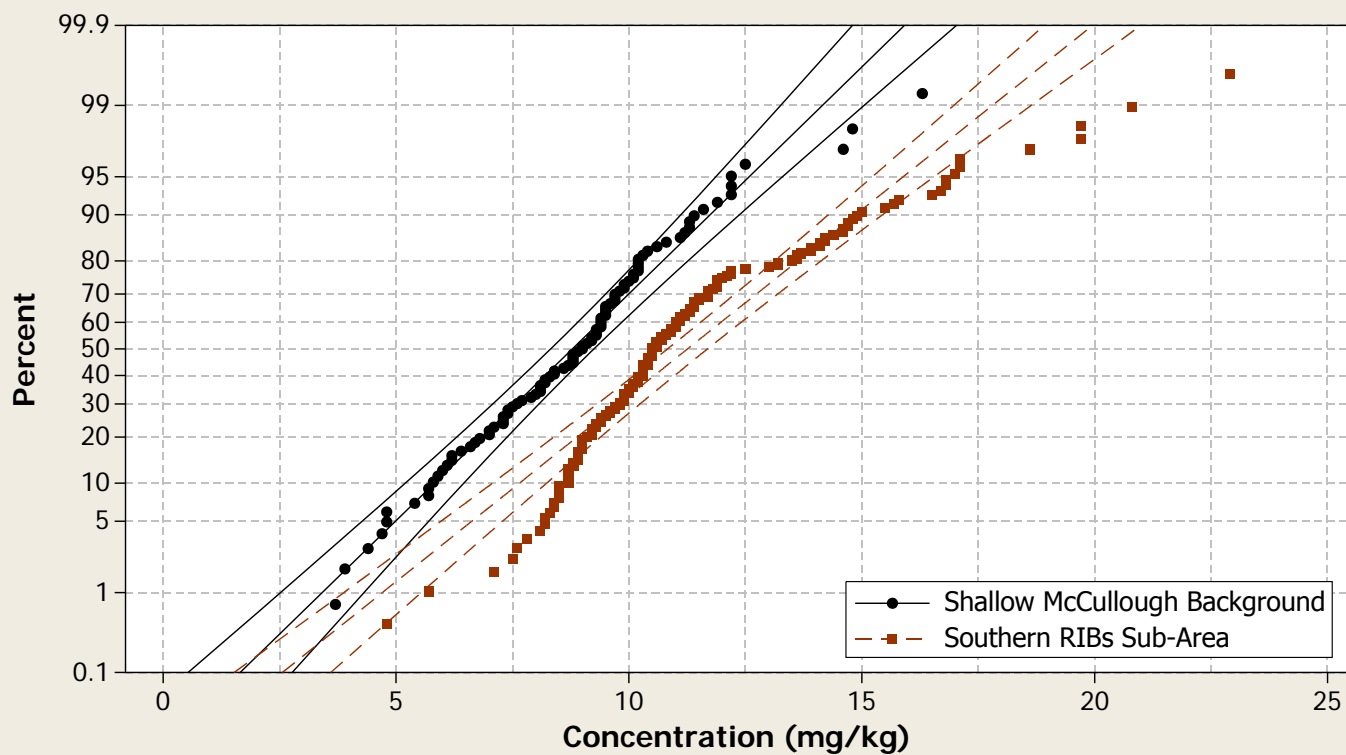
Boxplot
Analyte = Cobalt

Probability Plot

Normal - 95% CI

Analyte = Copper

Boxplot

Analyte = Copper

Probability Plot

Normal - 95% CI

Analyte = Iron

Boxplot
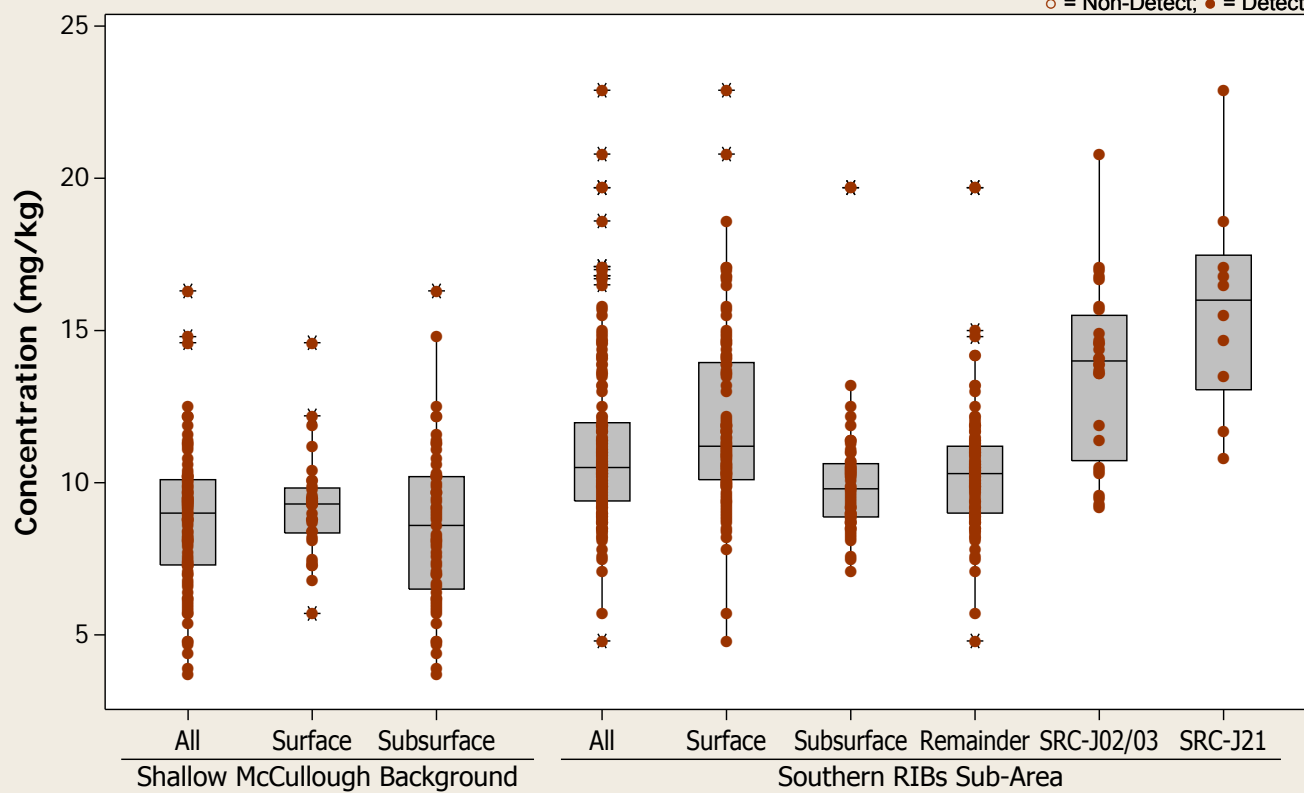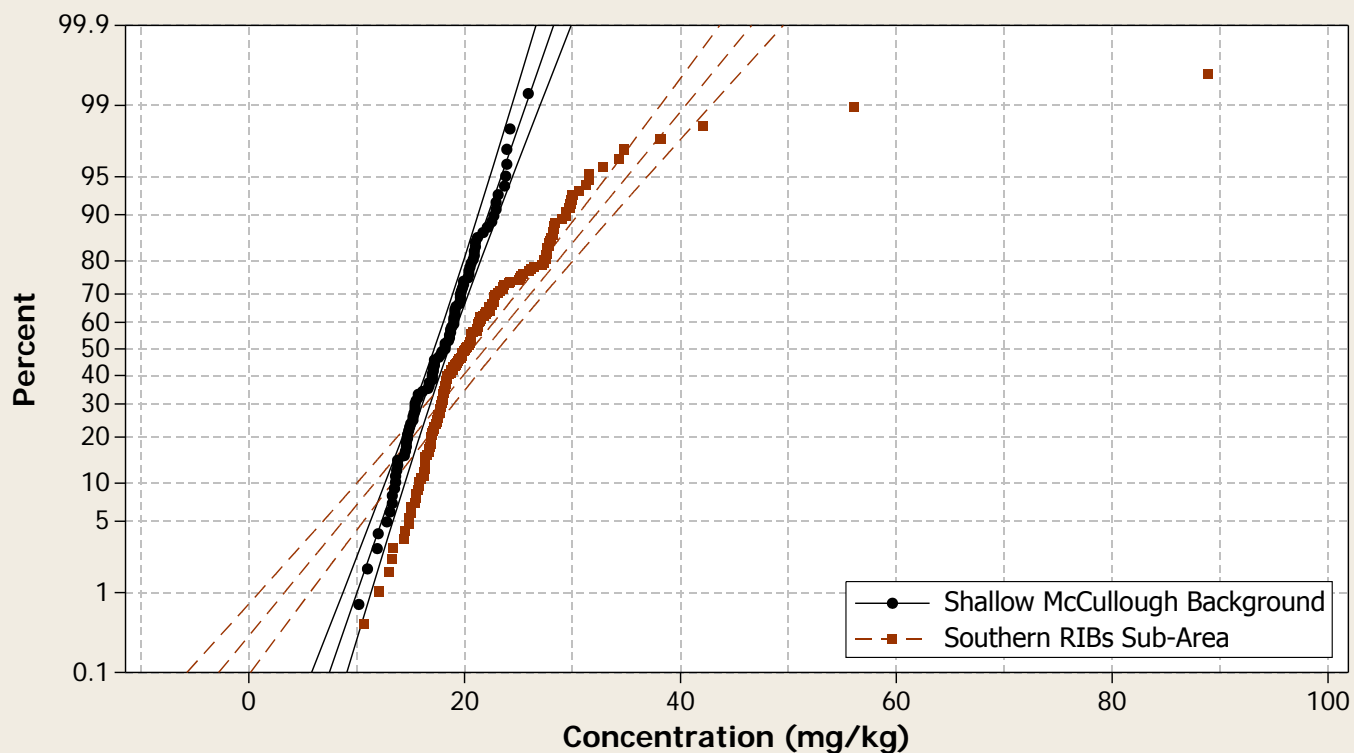
Analyte = Iron

○ = Non-Detect; ● = Detect

Probability Plot
Normal - 95% CI
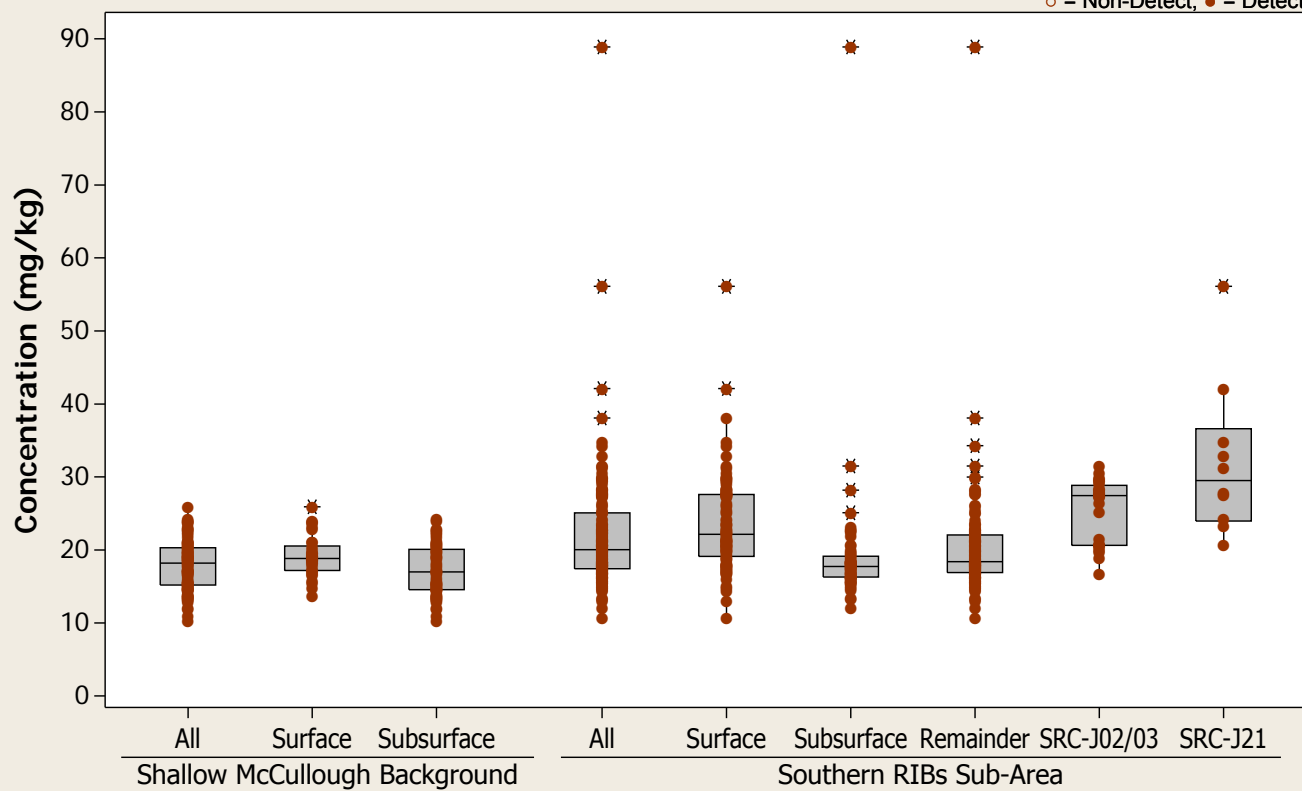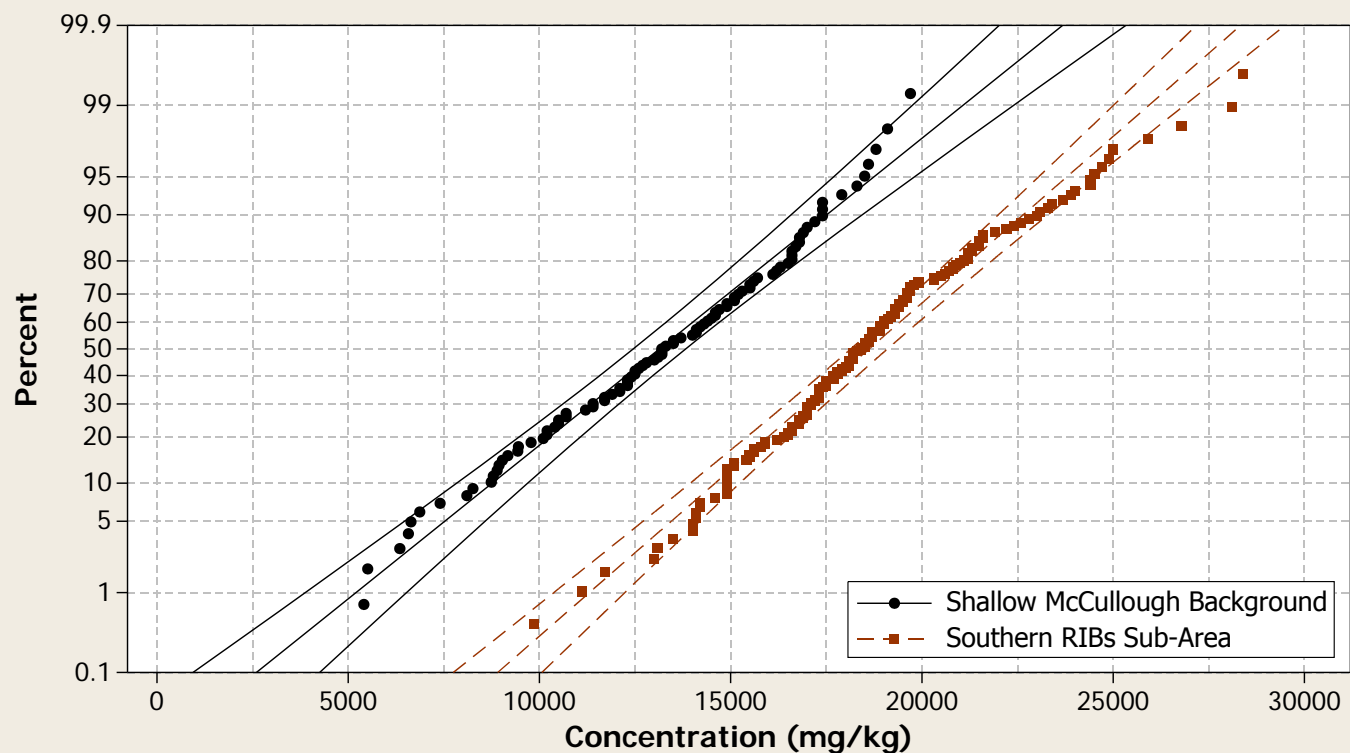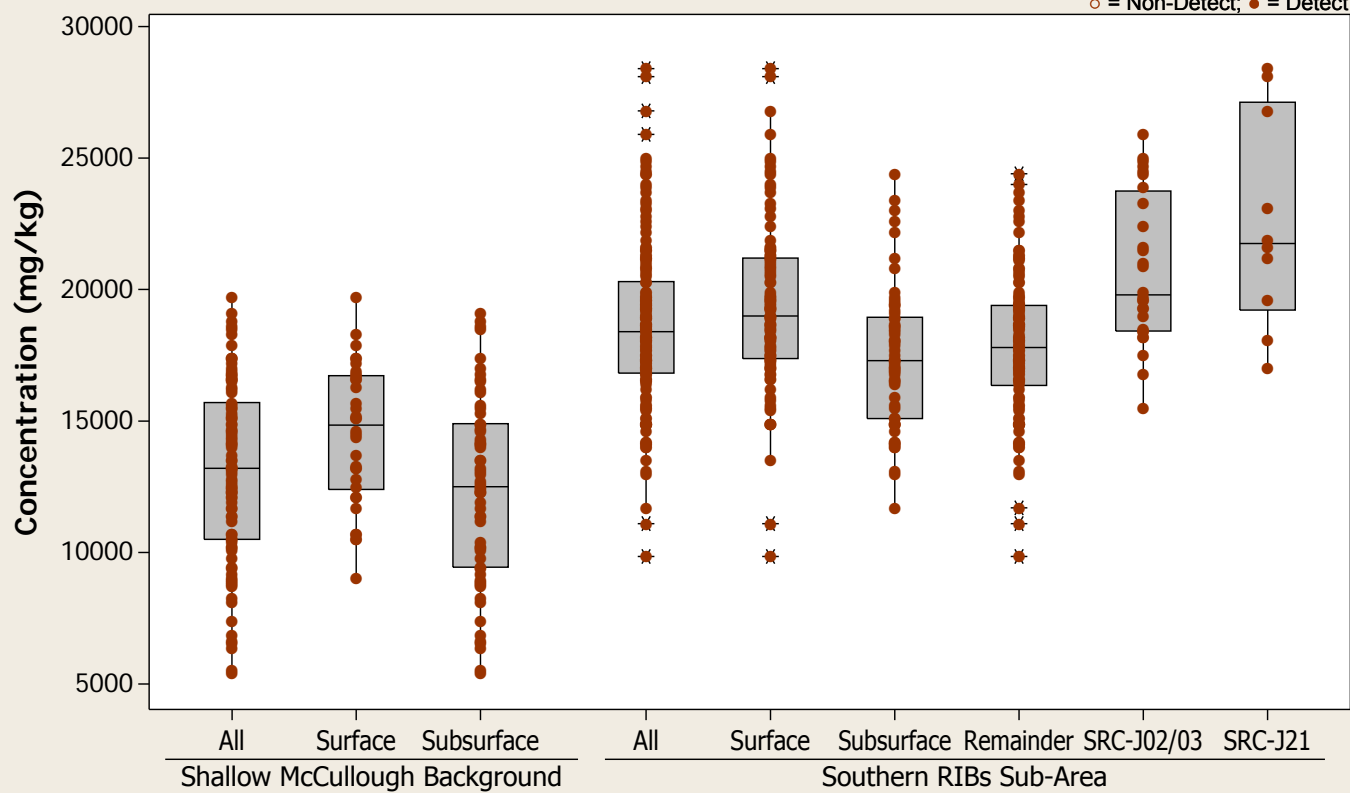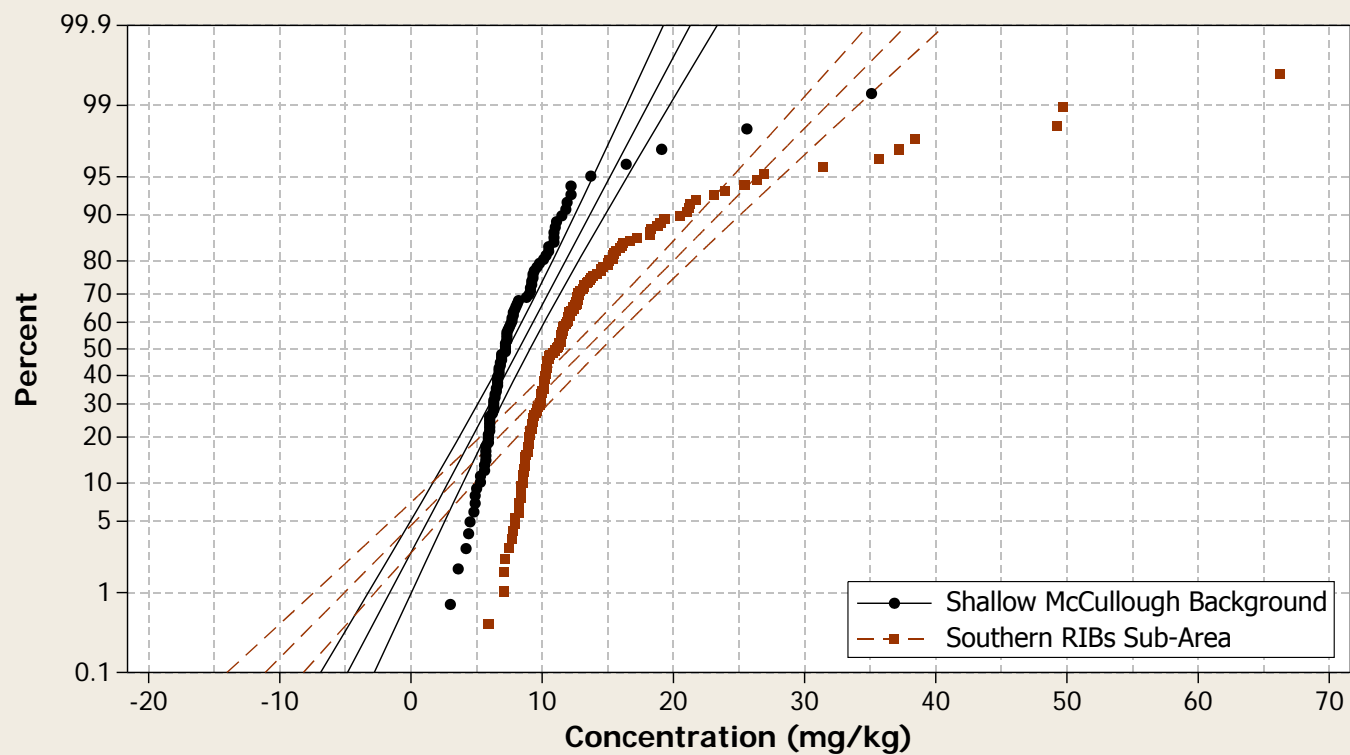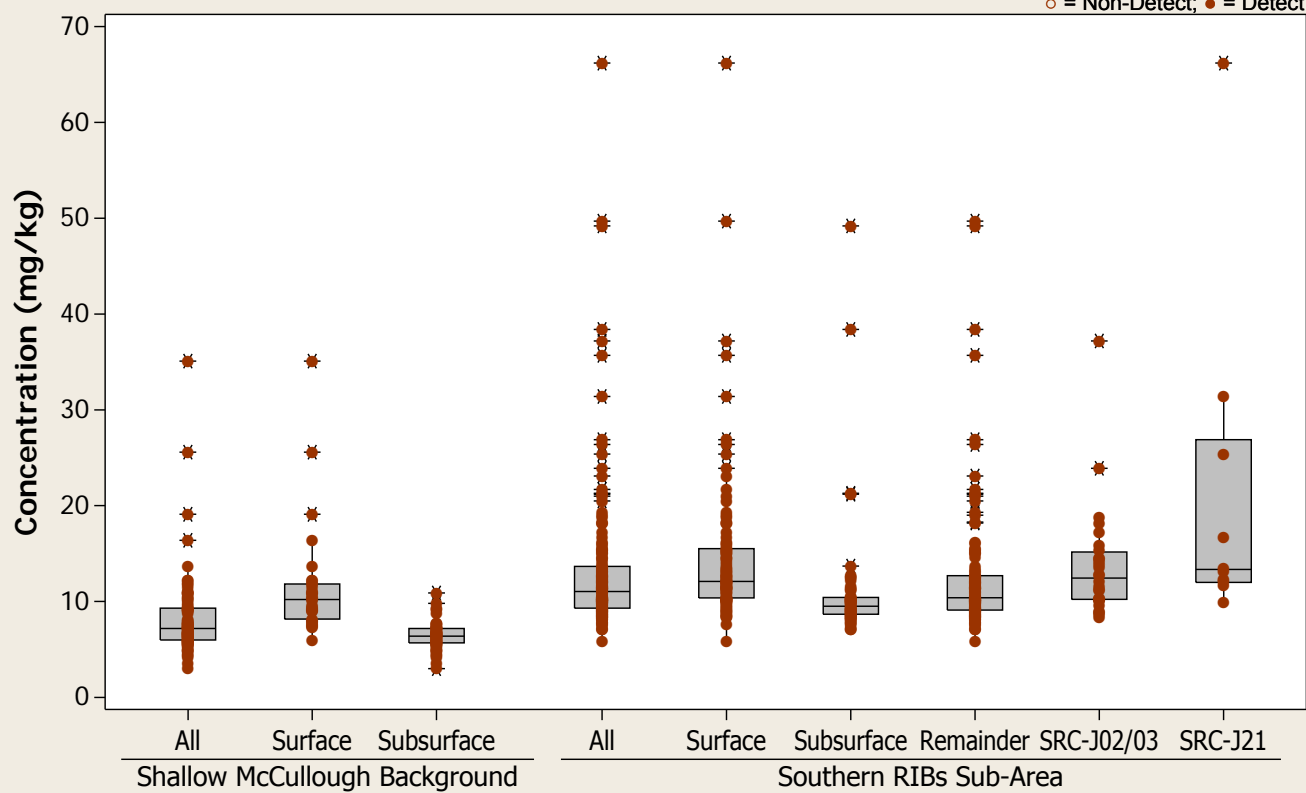## Analyte = Lead
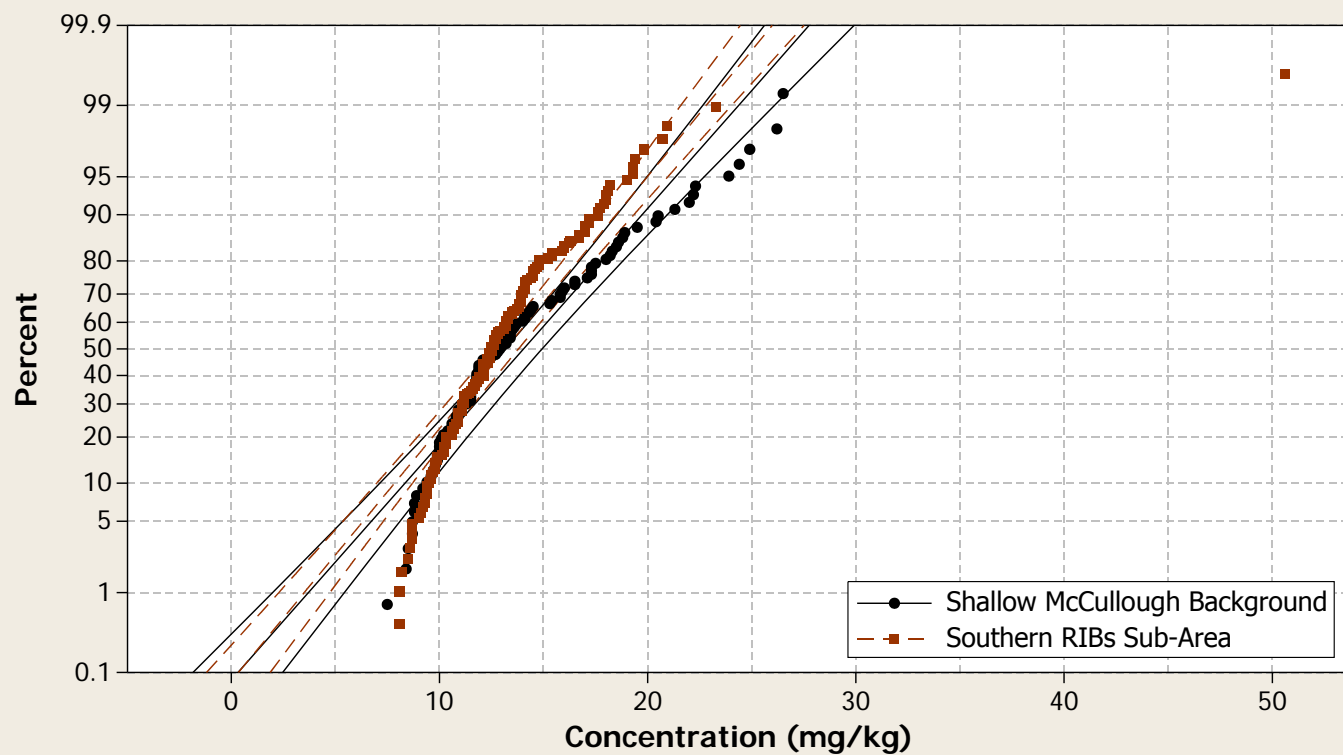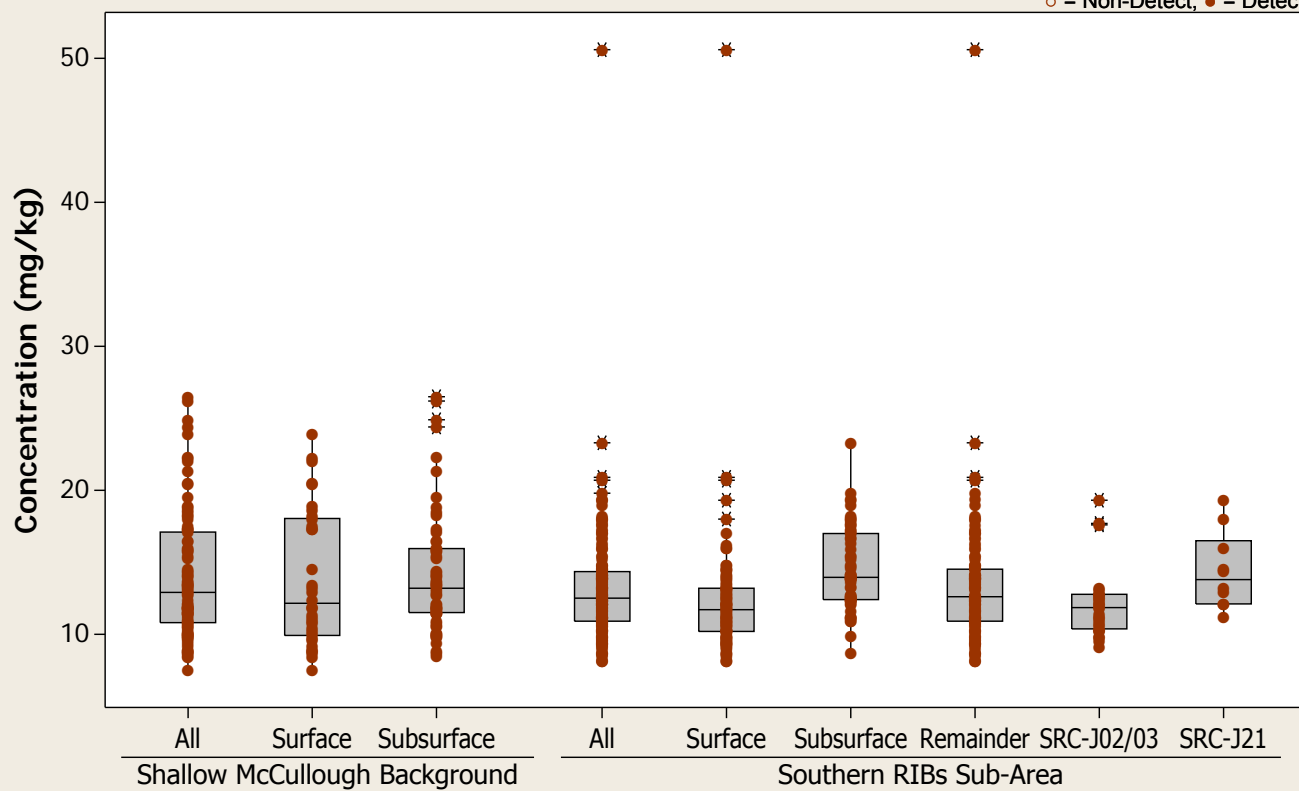

Boxplot
Analyte = Lead

Probability Plot

Normal - 95% CI
Analyte = Lithium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area

Boxplot

Analyte = Lithium

○ = Non-Detect; ● = Detect

Shallow McCullough Background: All, Surface, Subsurface

Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21

Probability Plot
Normal - 95% CI
Analyte = Magnesium
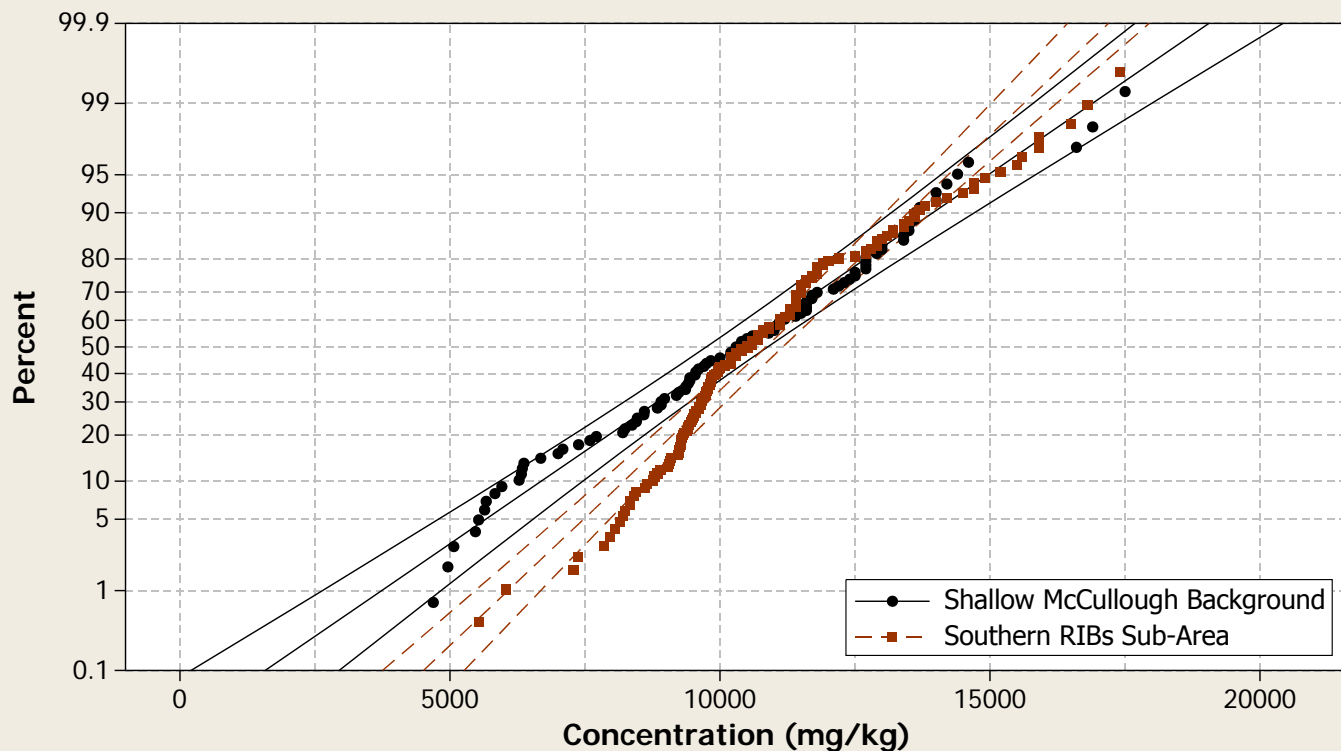
Boxplot
Analyte = Magnesium
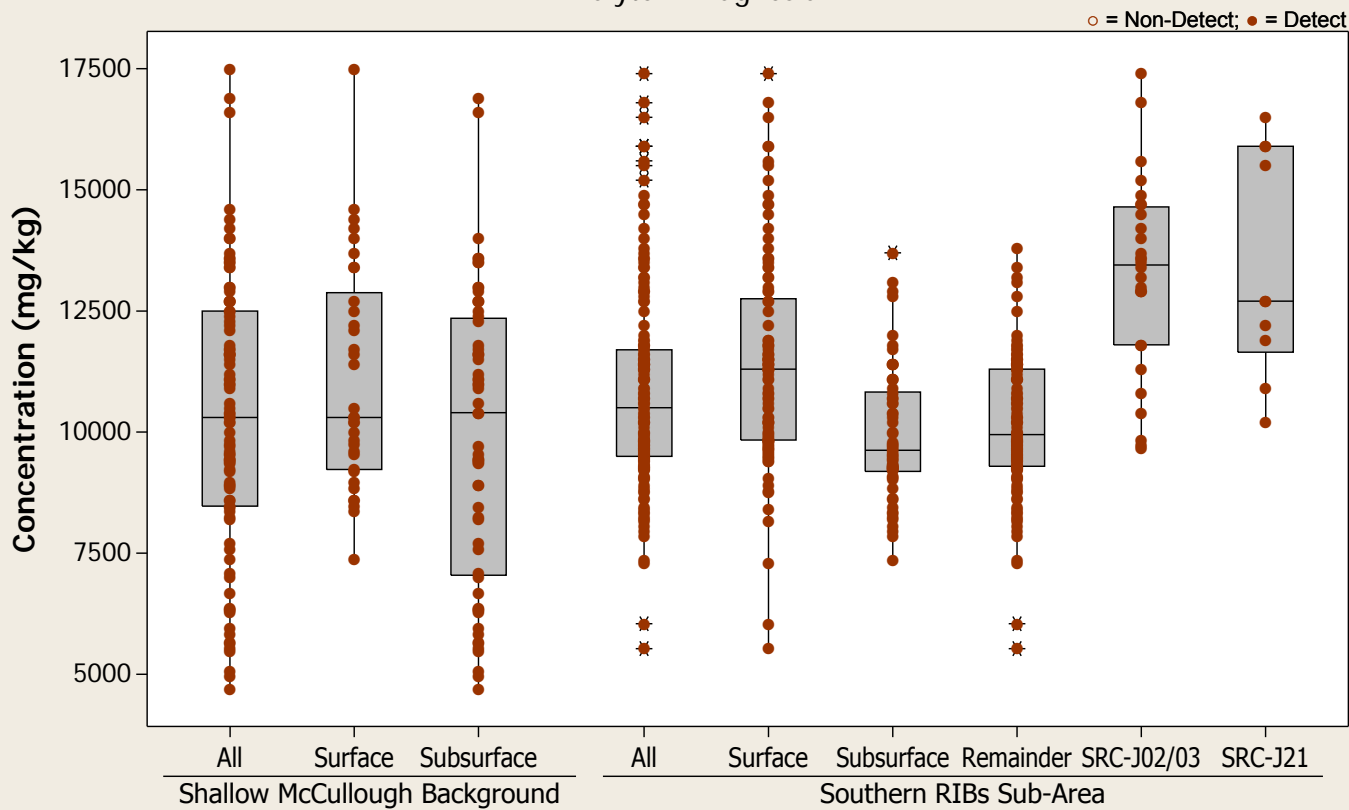
○ = Non-Detect; ● = Detect

Probability Plot
Normal - 95% CI
Analyte = Manganese

Boxplot
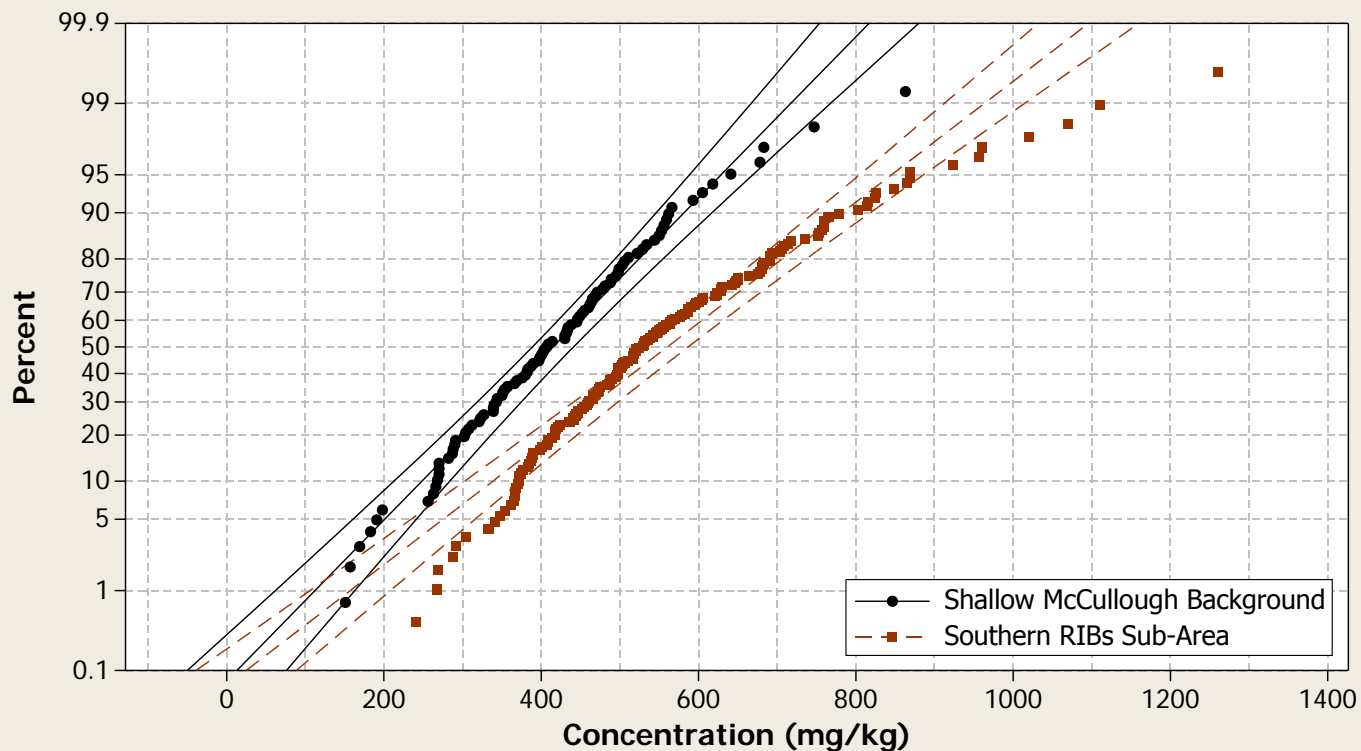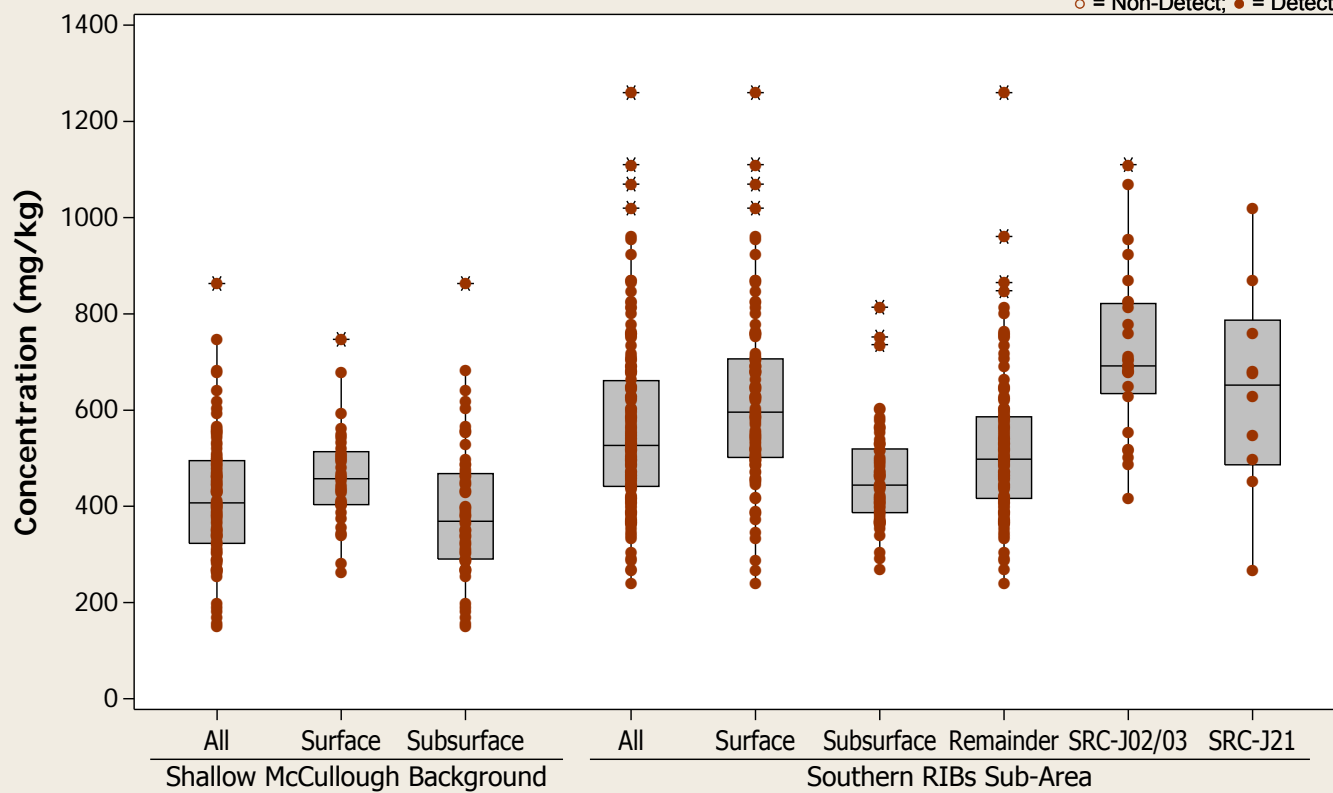## Analyte = Manganese

○ = Non-Detect; ● = Detect

Probability Plot

Normal - 95% CI

Analyte = Mercury

Legend:
— ● — Shallow McCullough Background
-- ■ -- Southern RIBs Sub-Area

Boxplot

Analyte = Mercury

○ = Non-Detect; ● = Detect

| All | Surface | Subsurface | All | Surface | Subsurface | Remainder | SRC-J02/03 | SRC-J21 |

Shallow McCullough Background | Southern RIBs Sub-Area

Probability Plot
Normal - 95% CI
Analyte = Molybdenum

Boxplot
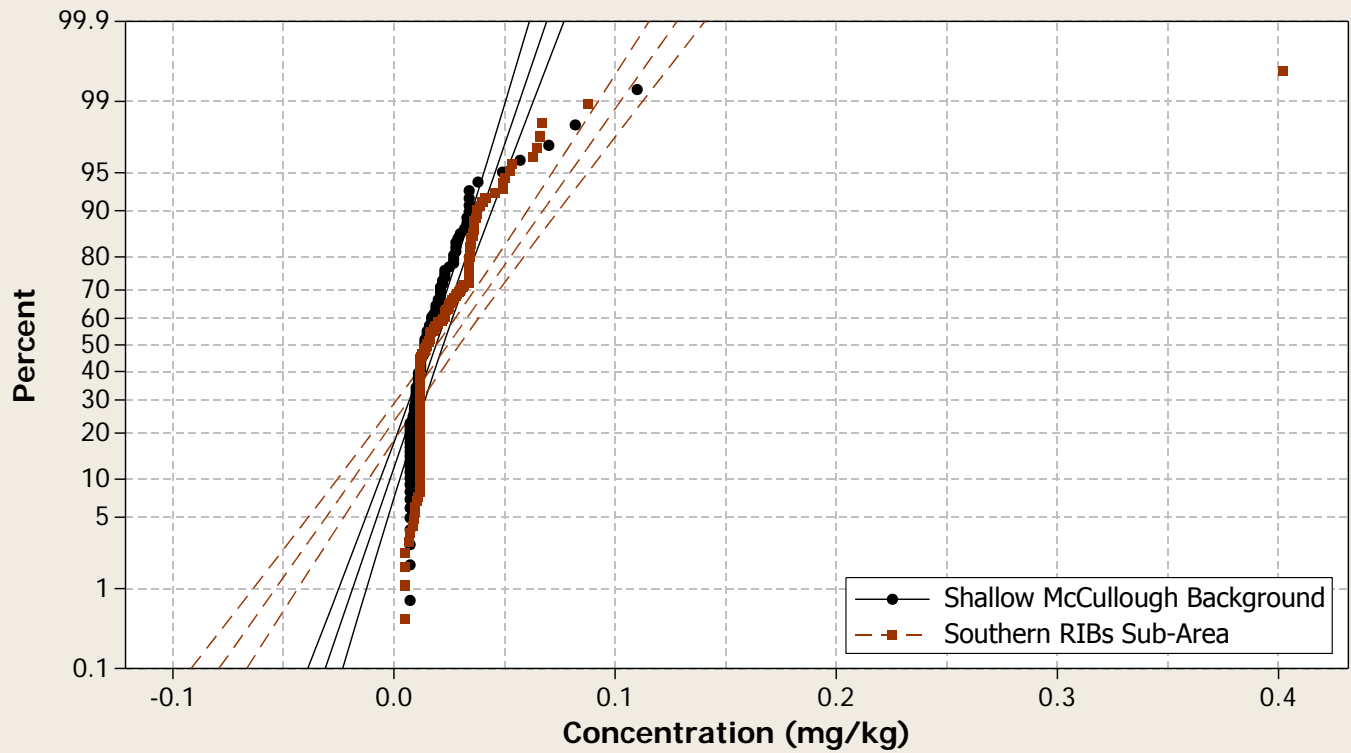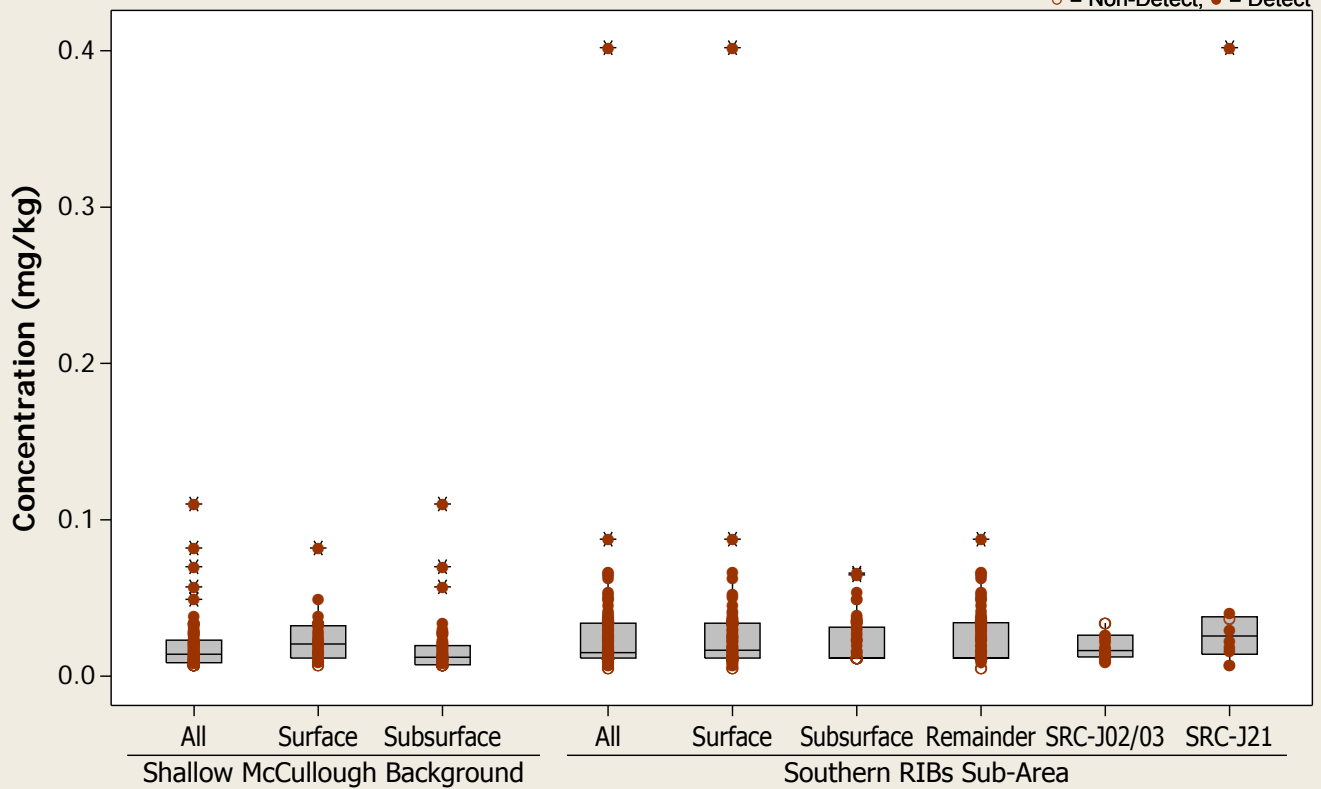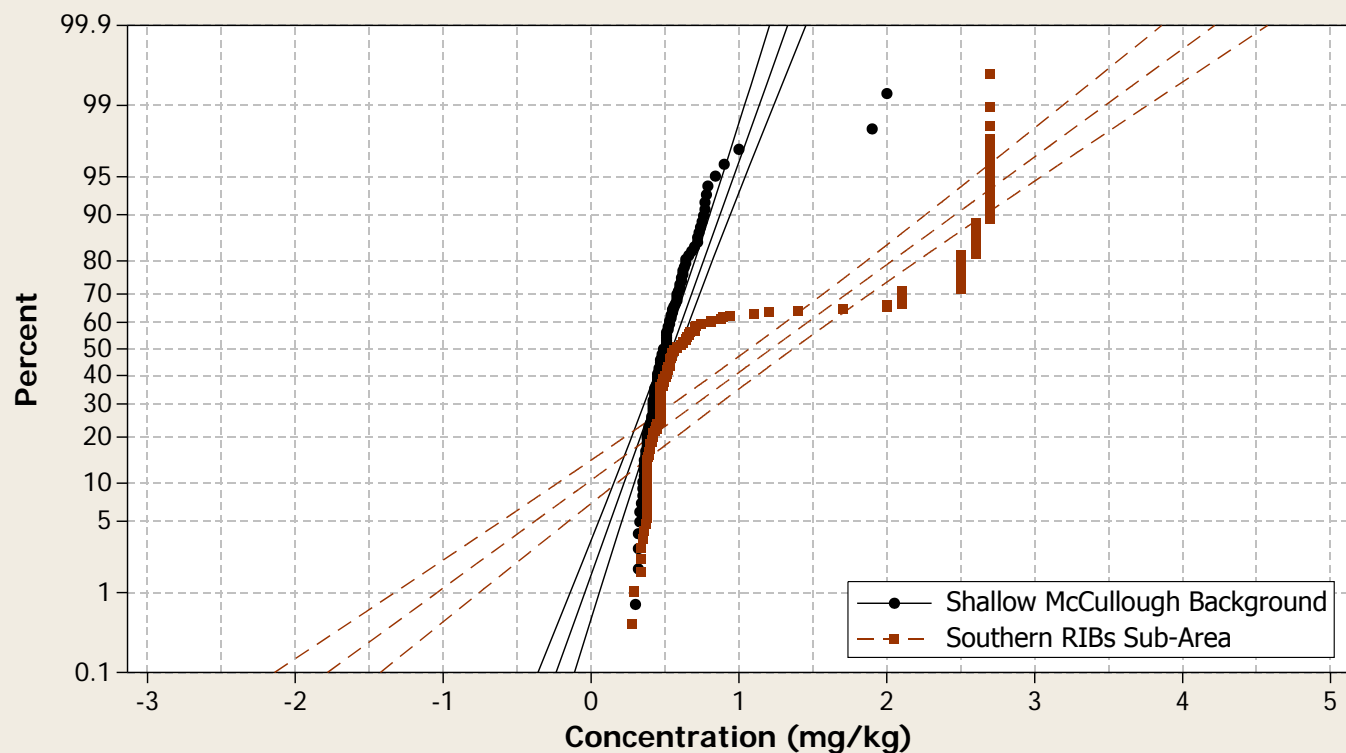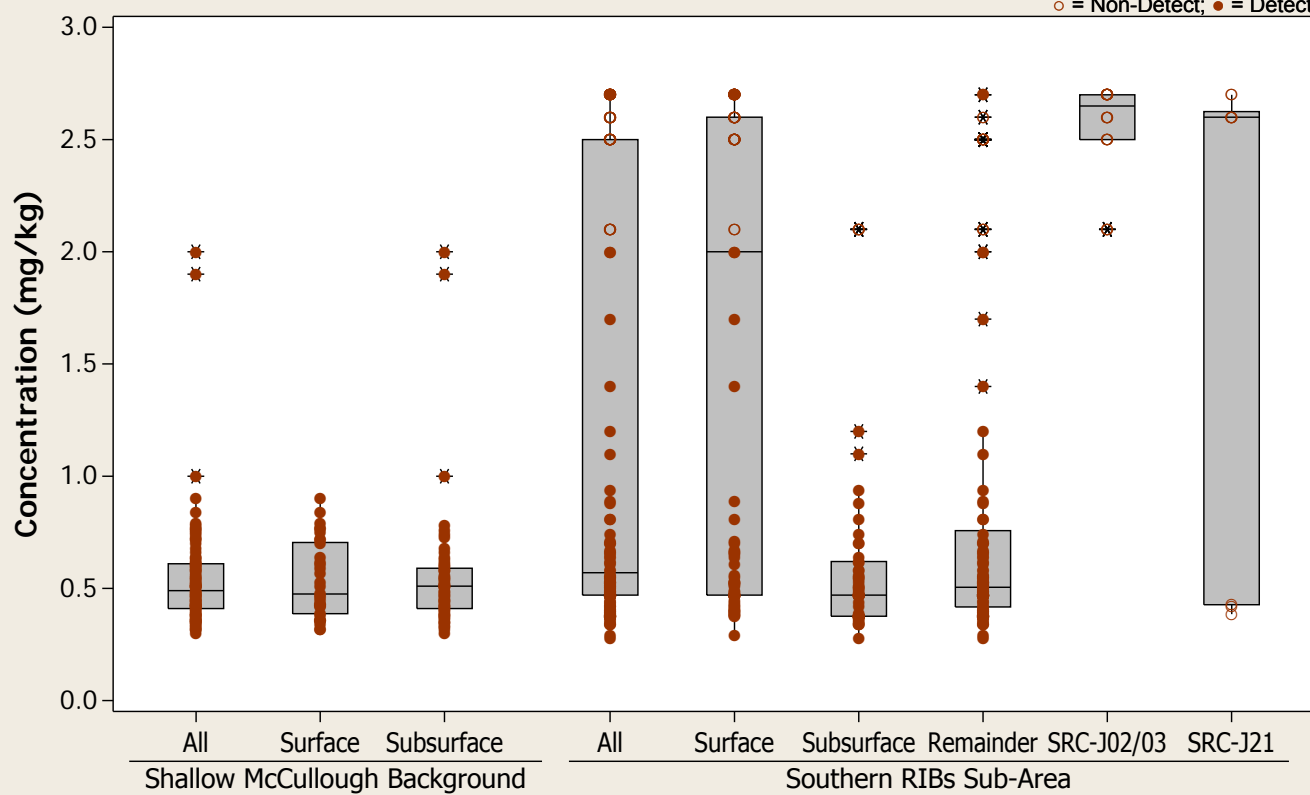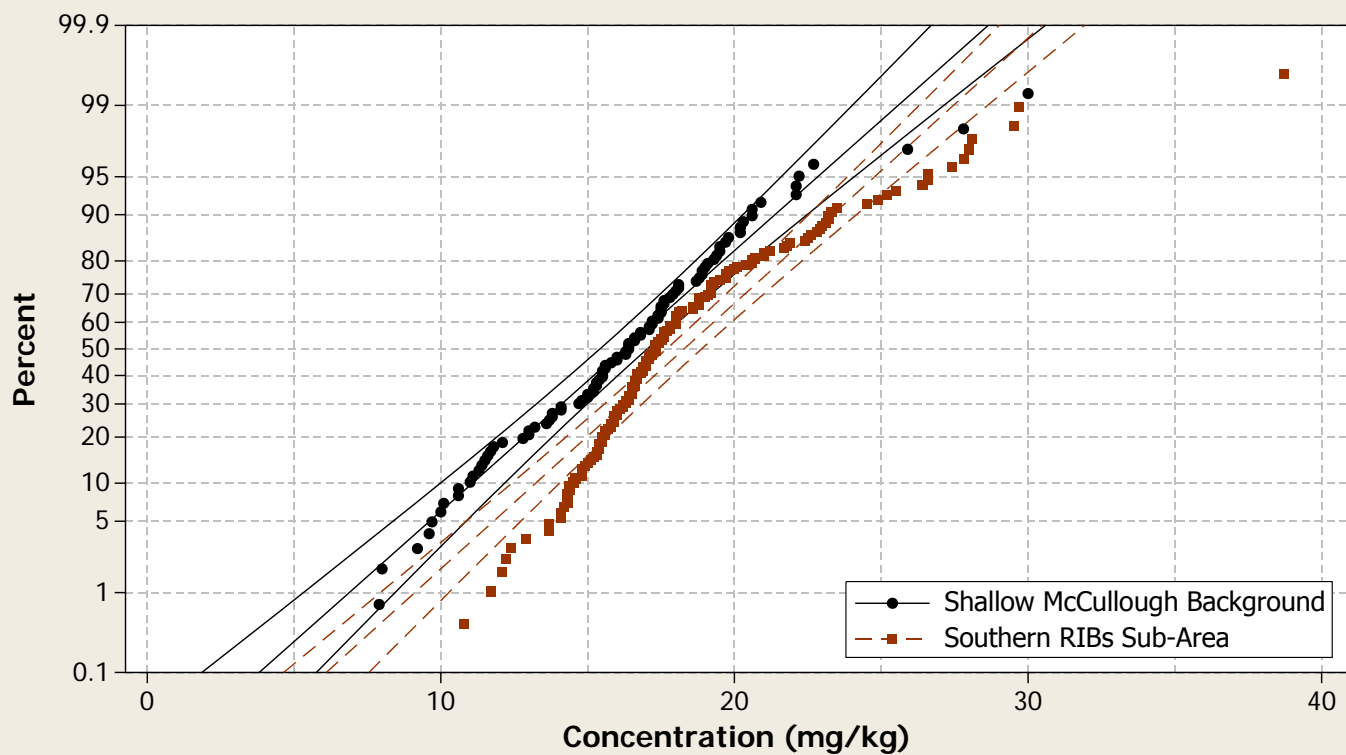Analyte = Molybdenum

○ = Non-Detect; ● = Detect
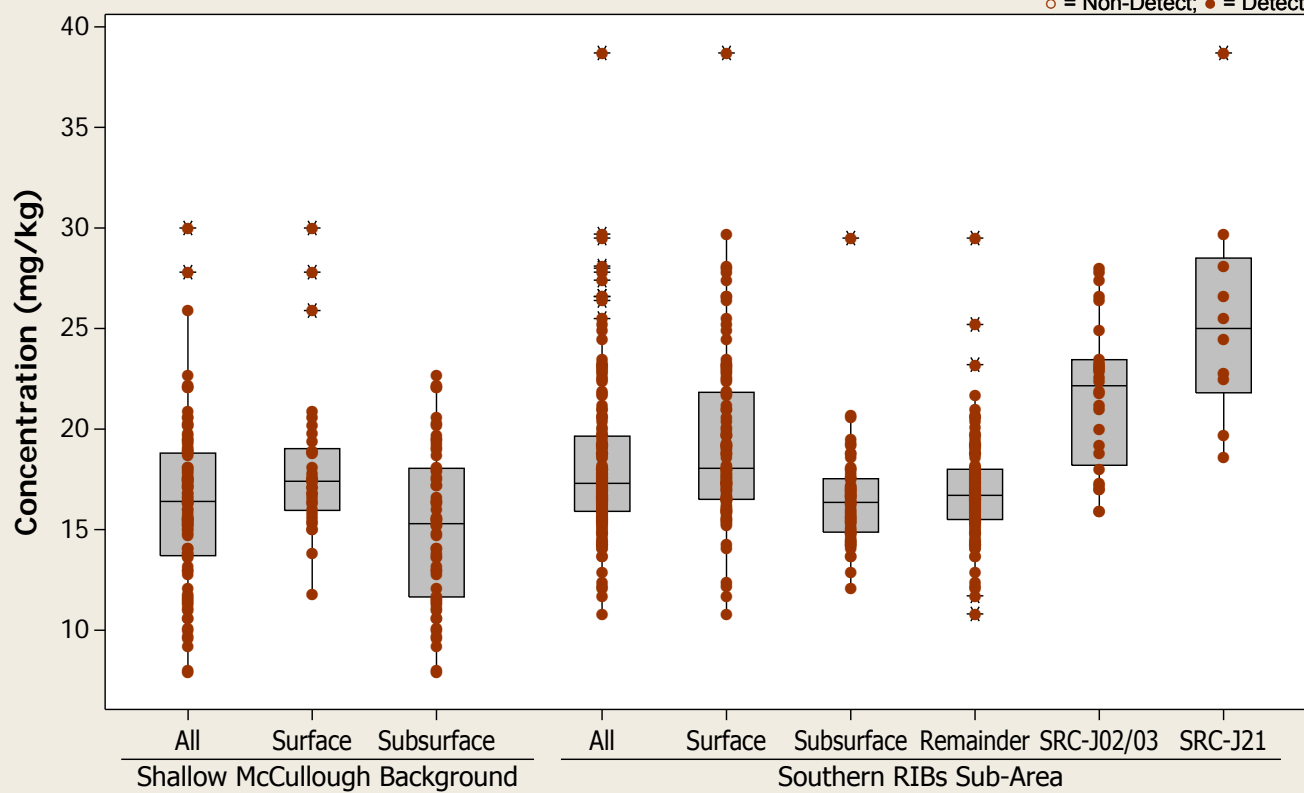
Probability Plot
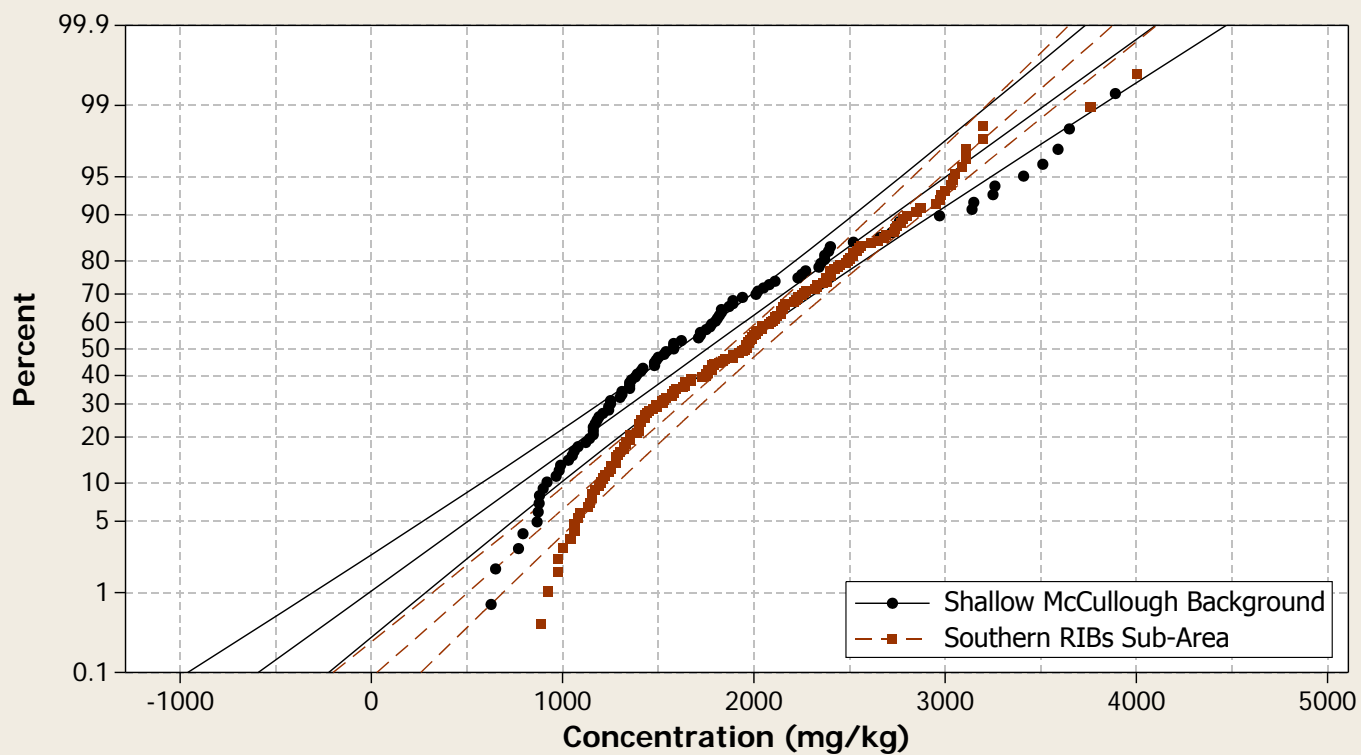
Normal - 95% CI
Analyte = Nickel

Boxplot

Analyte = Nickel

○ = Non-Detect; ● = Detect
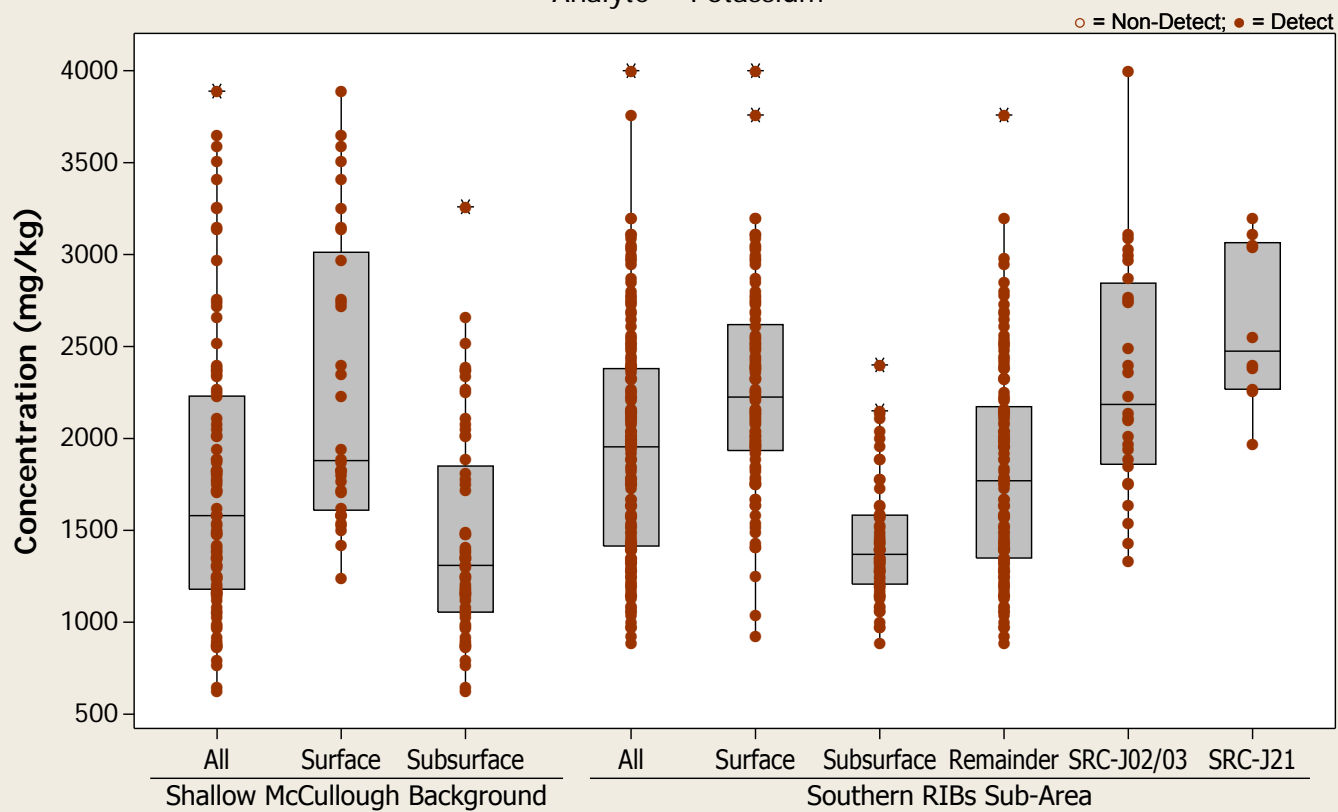
Probability Plot

Normal - 95% CI
Analyte = Potassium

- ●——— Shallow McCullough Background
- ■ - - - Southern RIBs Sub-Area

Boxplot

Analyte = Potassium

○ = Non-Detect; ● = Detect

Shallow McCullough Background			Southern RIBs Sub-Area					
All	Surface	Subsurface	All	Surface	Subsurface	Remainder	SRC-J02/03	SRC-J21

Probability Plot
Normal - 95% CI
Analyte = Selenium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area
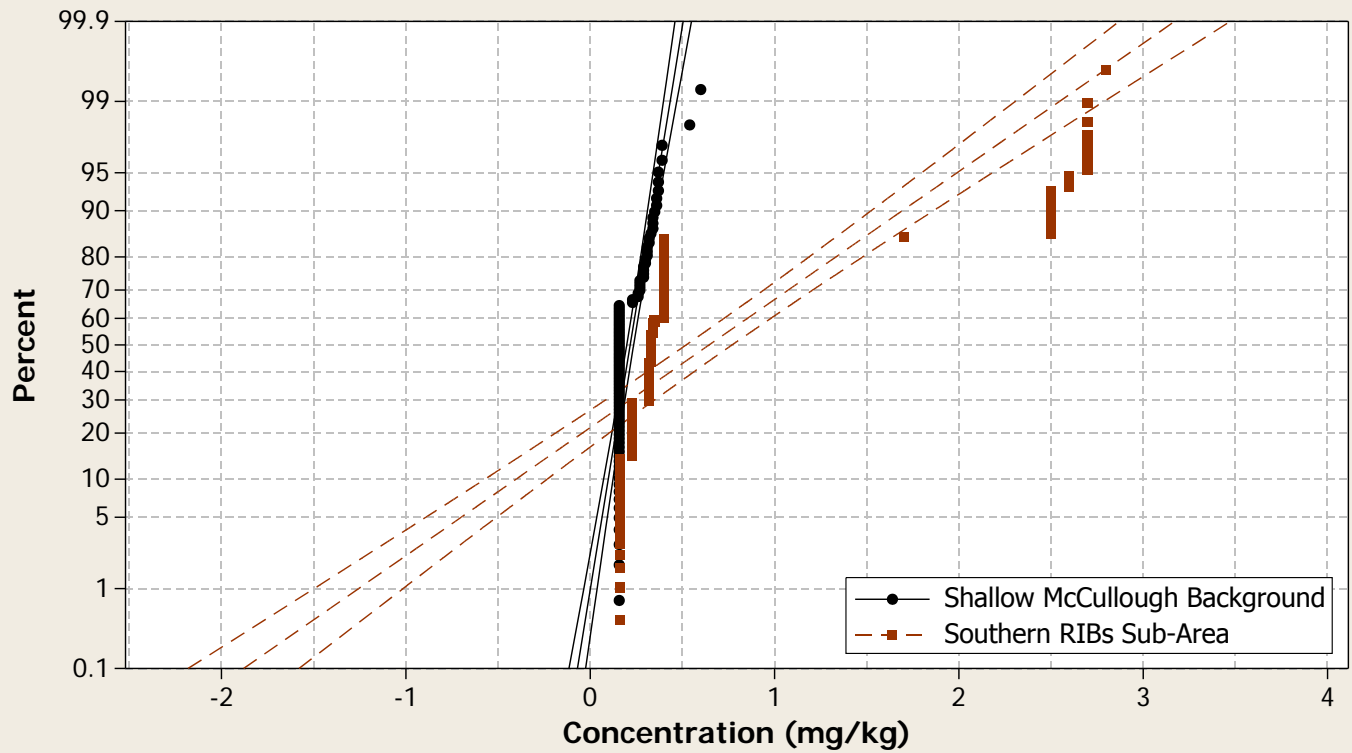
Boxplot
Analyte = Selenium

○ = Non-Detect; ● = Detect

X-axis labels:
- All, Surface, Subsurface — Shallow McCullough Background
- All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21 — Southern RIBs Sub-Area
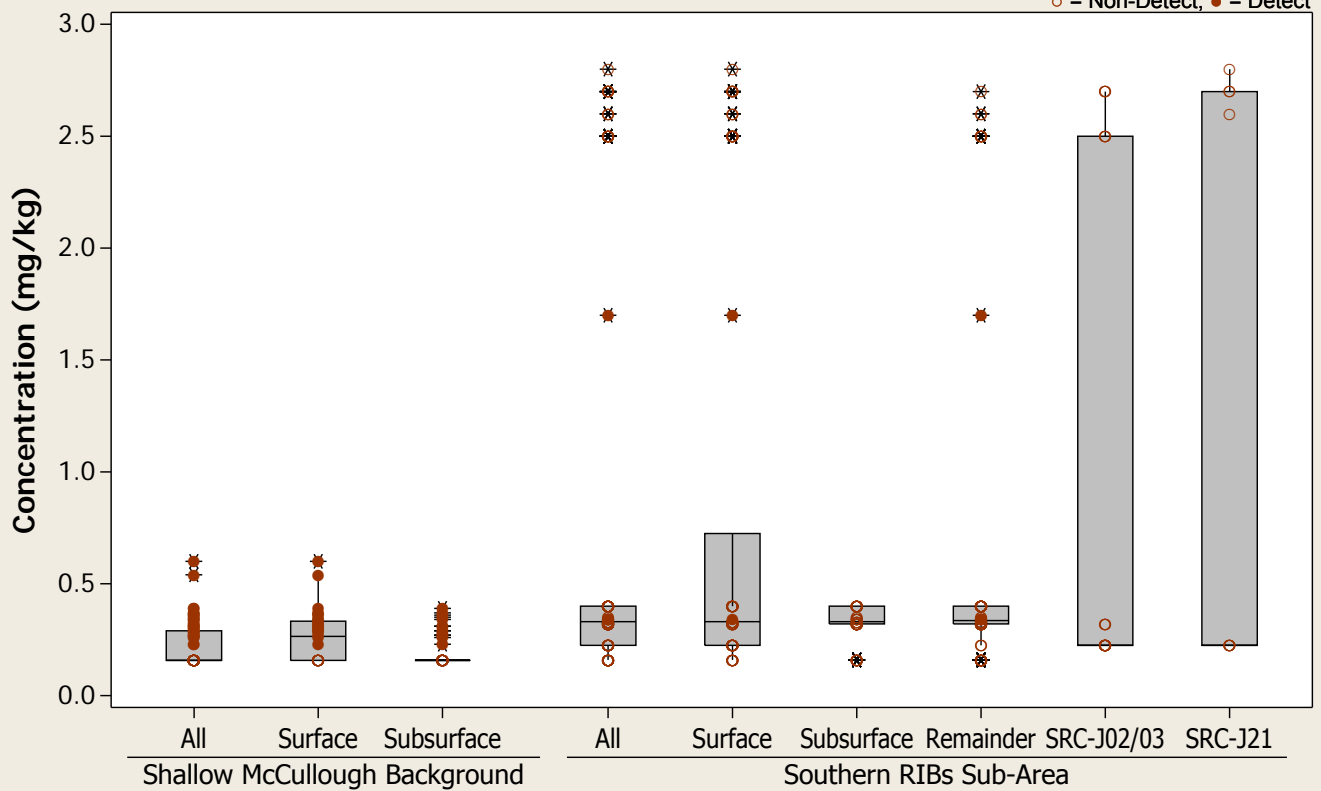
Probability Plot
Normal - 95% CI
Analyte = Silver
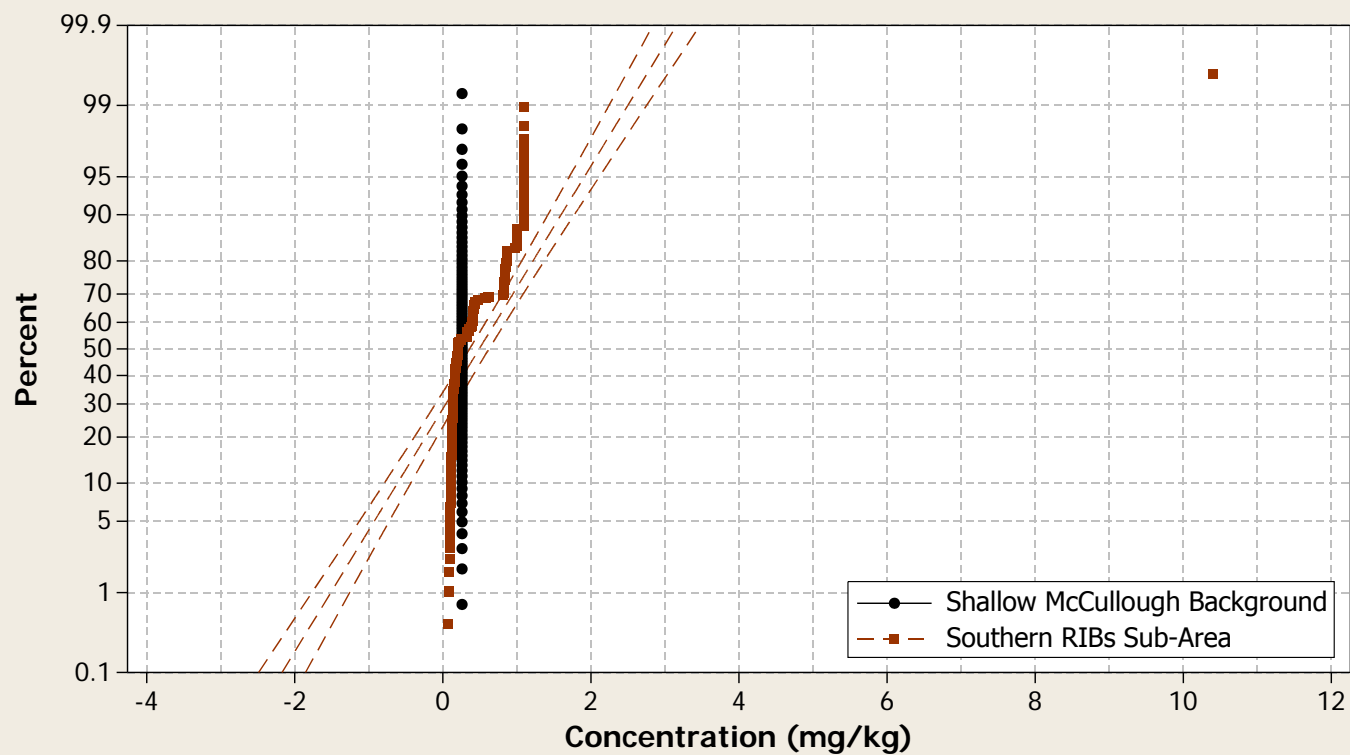
Boxplot
Analyte = Silver

Probability Plot

Normal - 95% CI
Analyte = Sodium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area
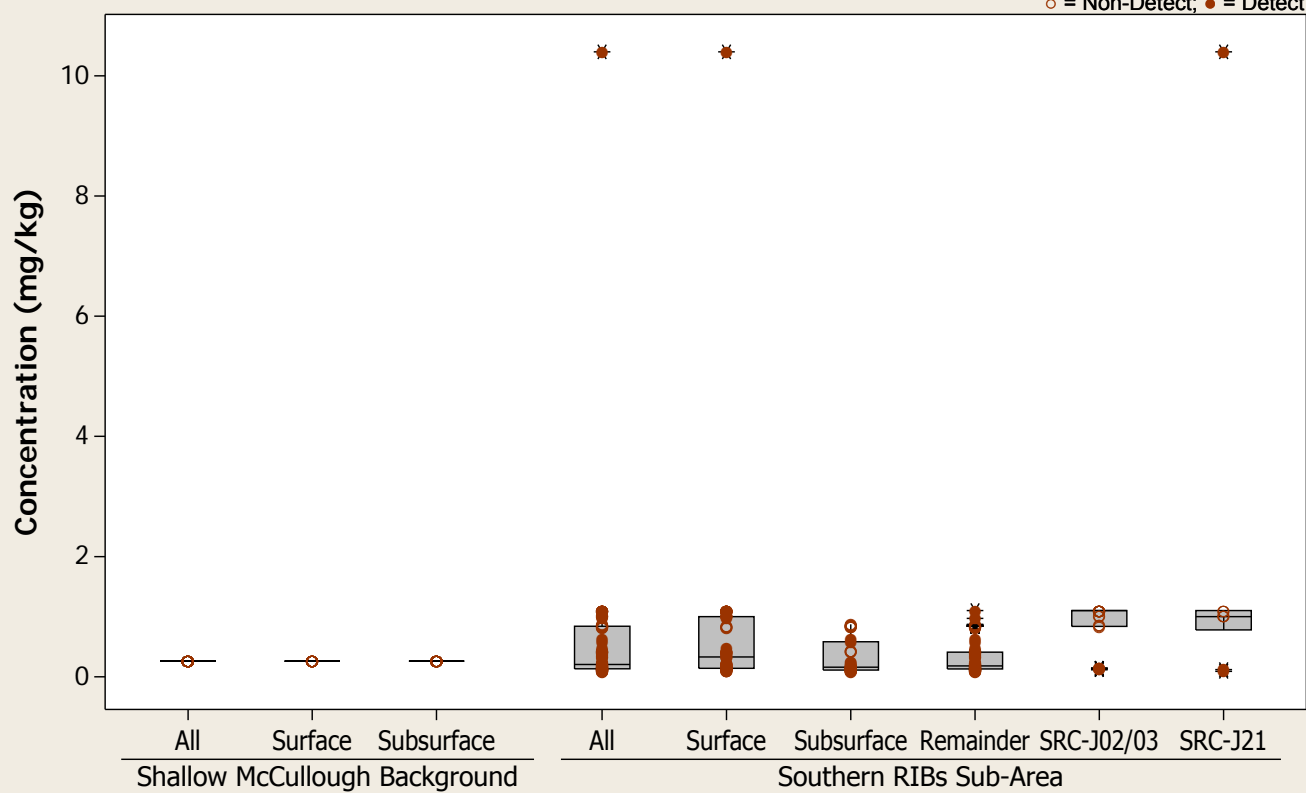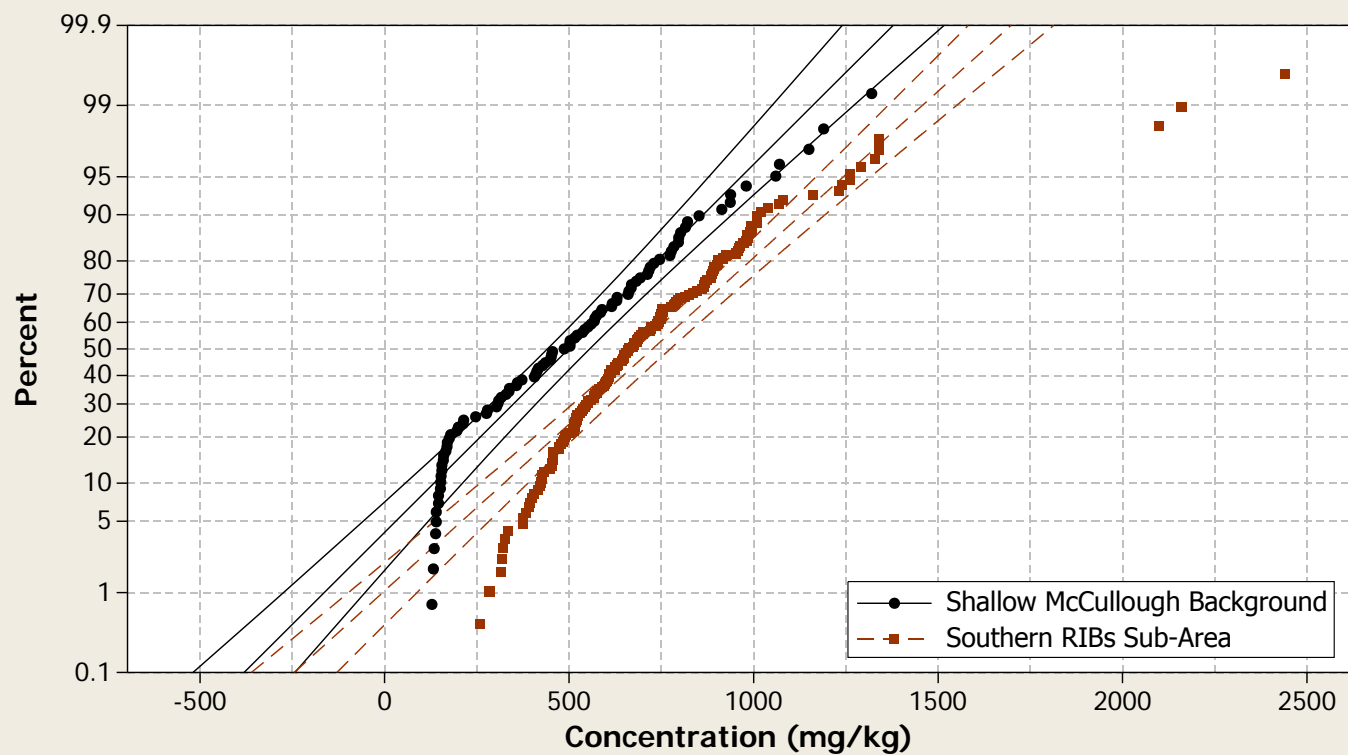
Boxplot

Analyte = Sodium

○ = Non-Detect; ● = Detect

Shallow McCullough Background			Southern RIBs Sub-Area					
All	Surface	Subsurface	All	Surface	Subsurface	Remainder	SRC-J02/03	SRC-J21
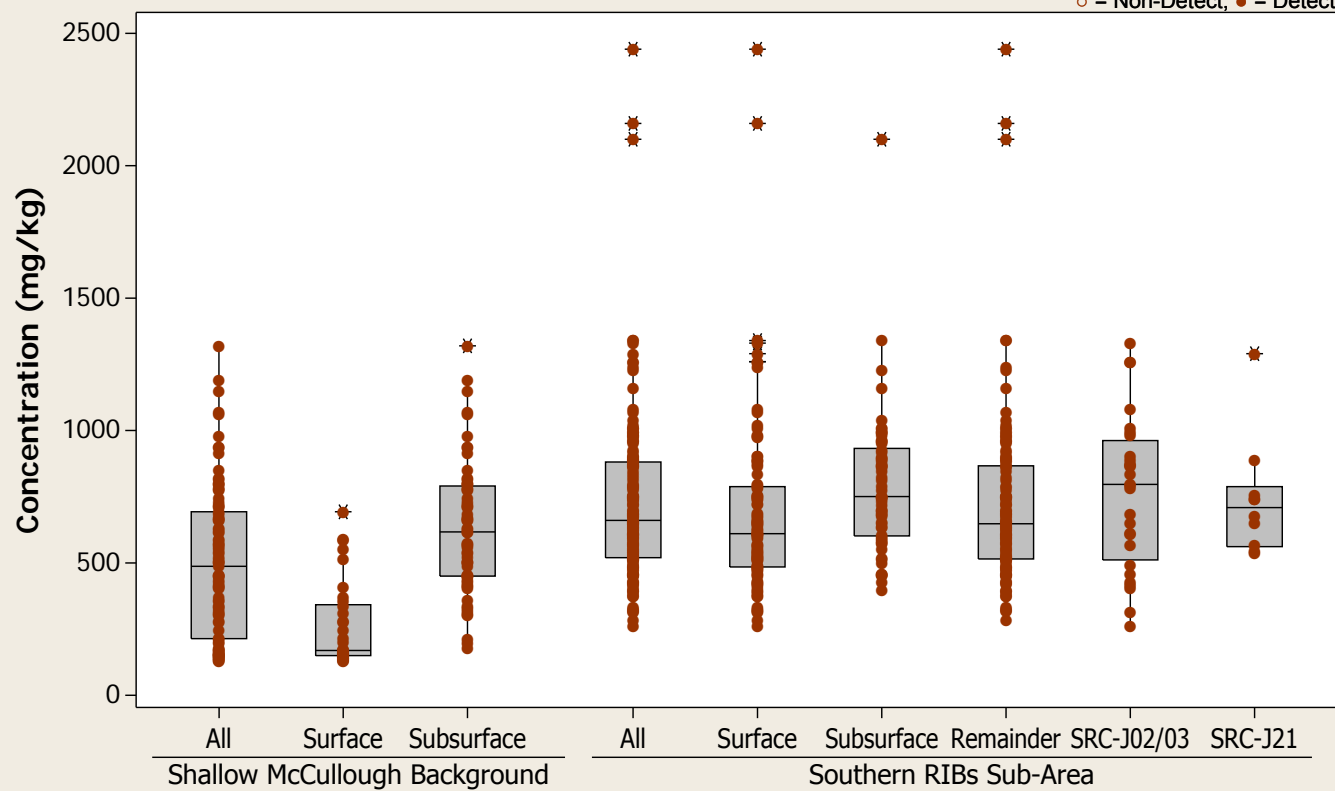
Probability Plot
Normal - 95% CI
Analyte = Strontium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area
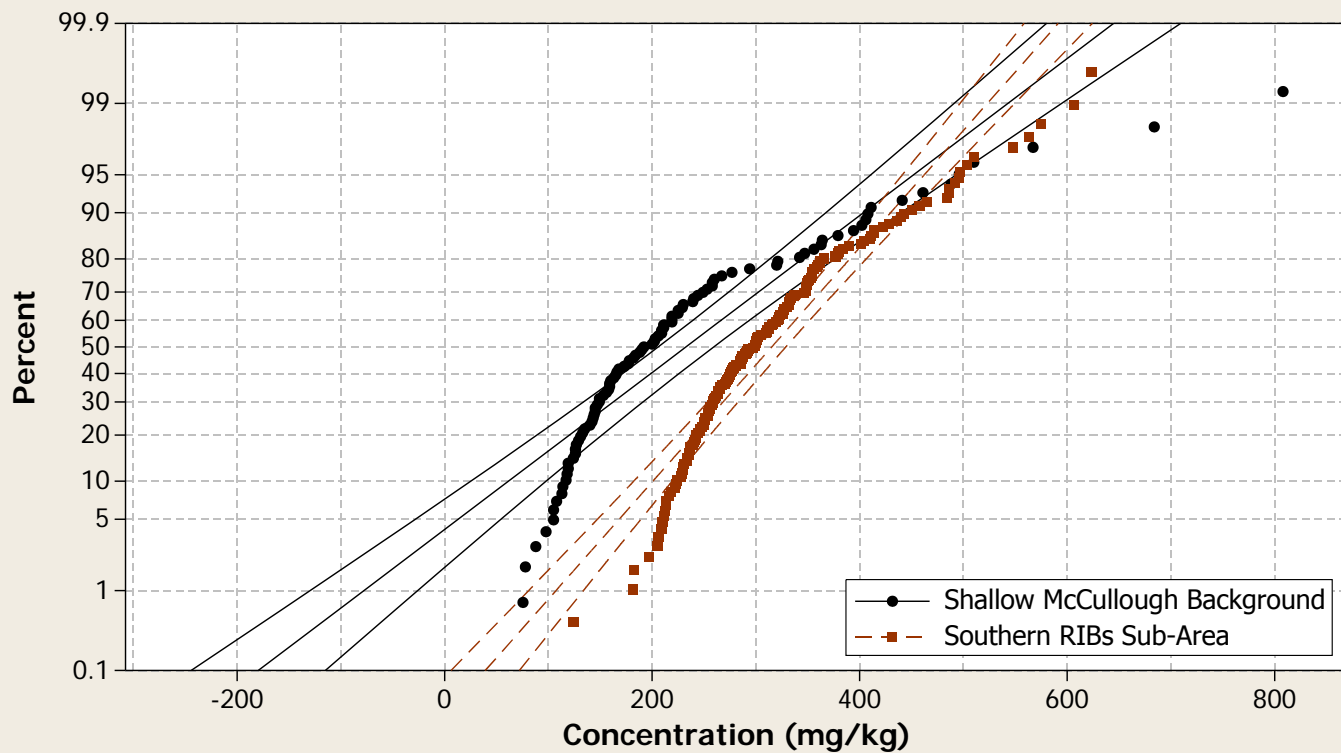
Boxplot
Analyte = Strontium

○ = Non-Detect; ● = Detect

Shallow McCullough Background: All, Surface, Subsurface
Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21
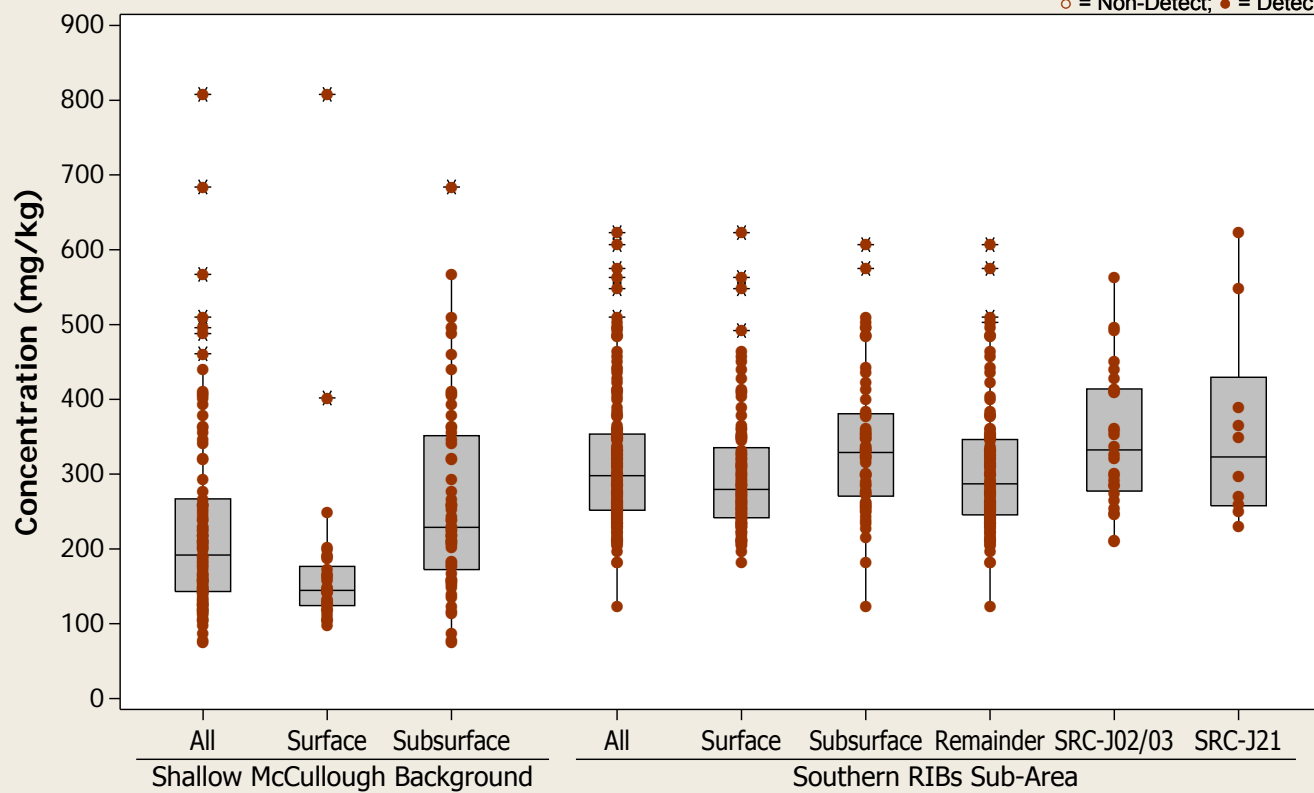
Probability Plot

Normal - 95% CI
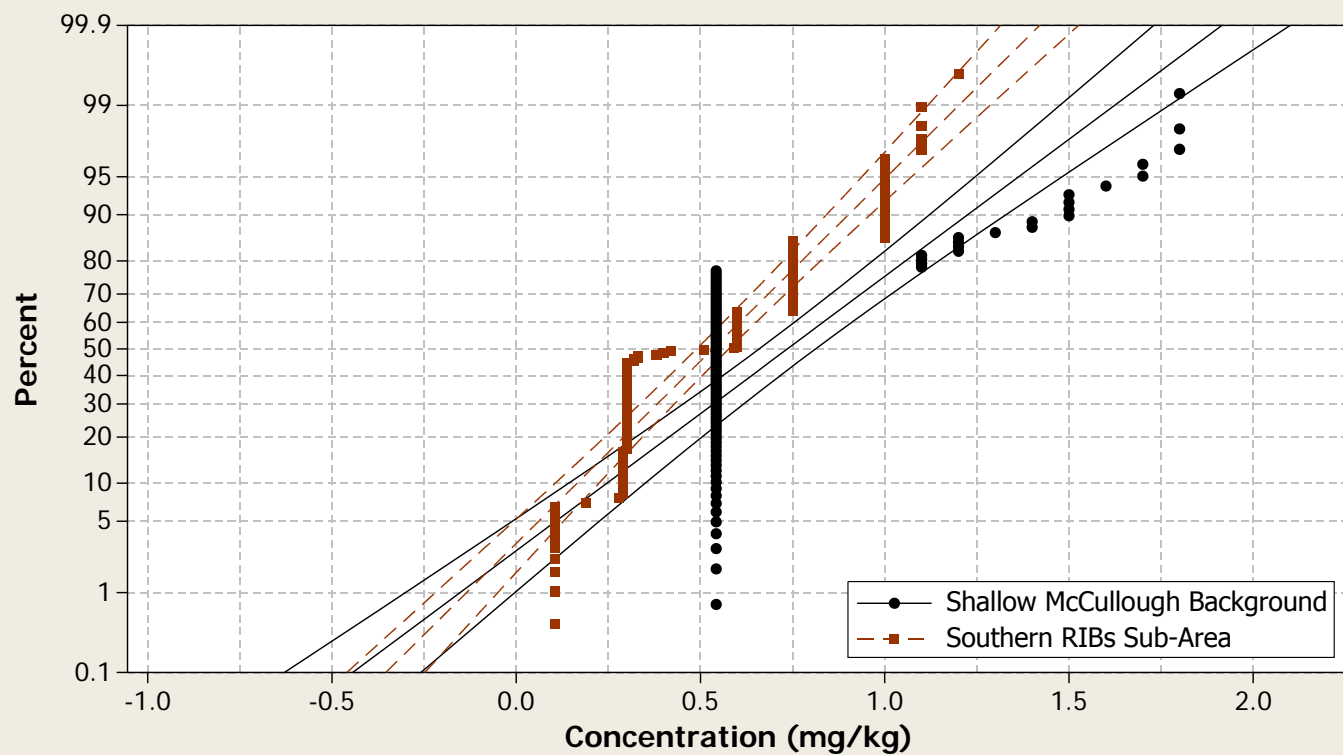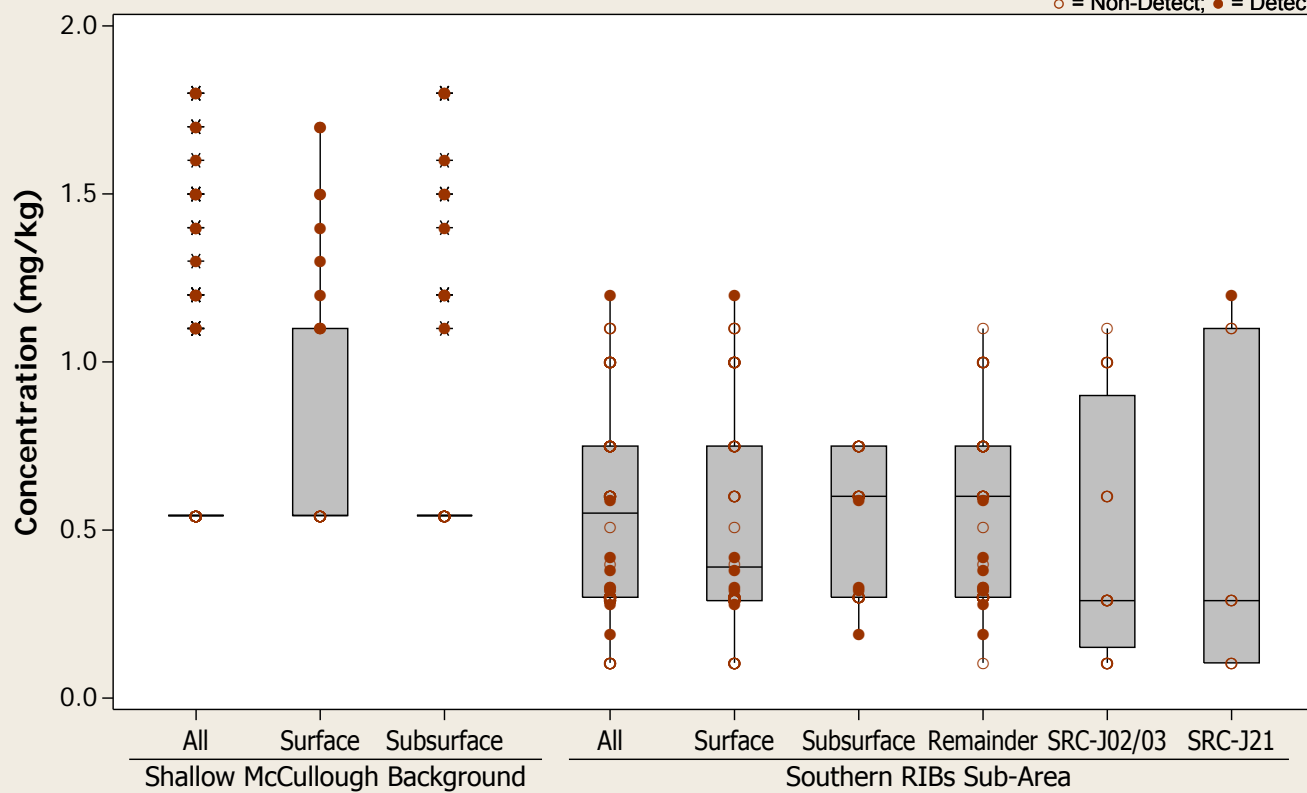## Analyte = Thallium
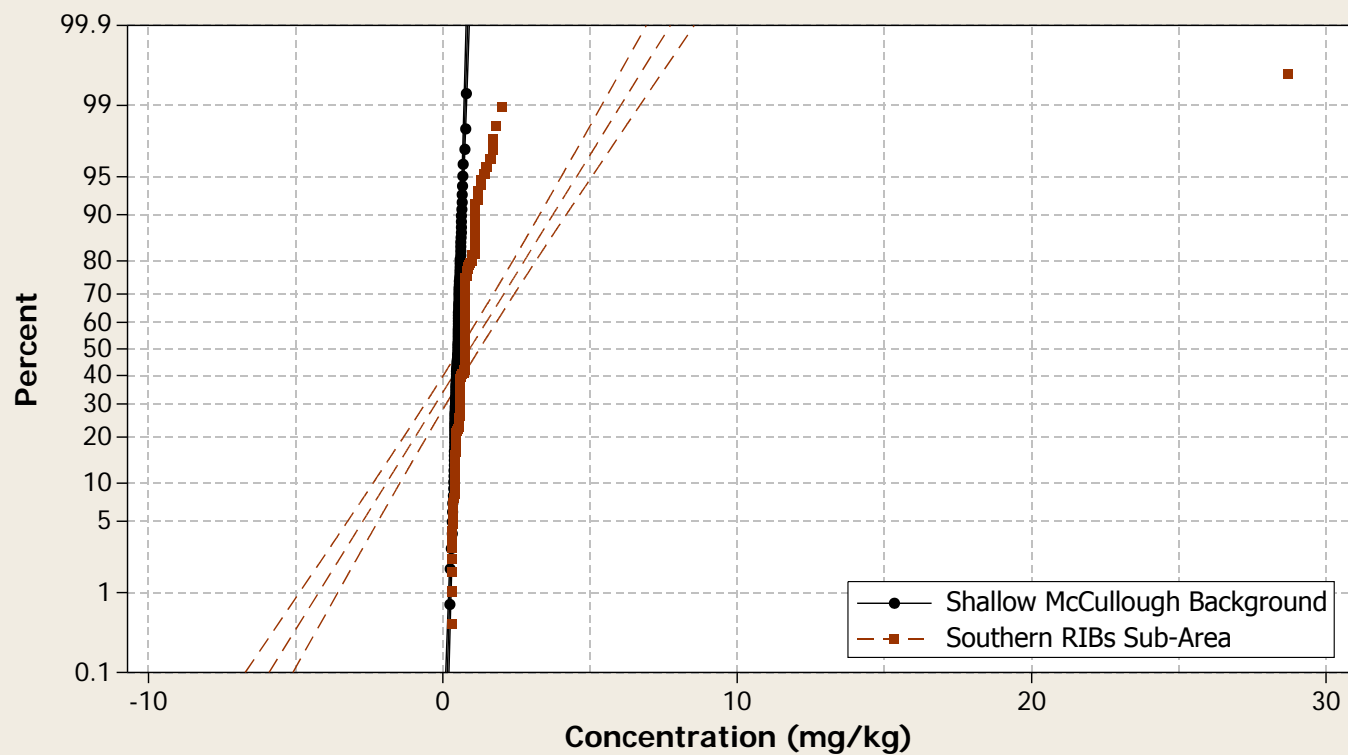

Boxplot

Analyte = Thallium

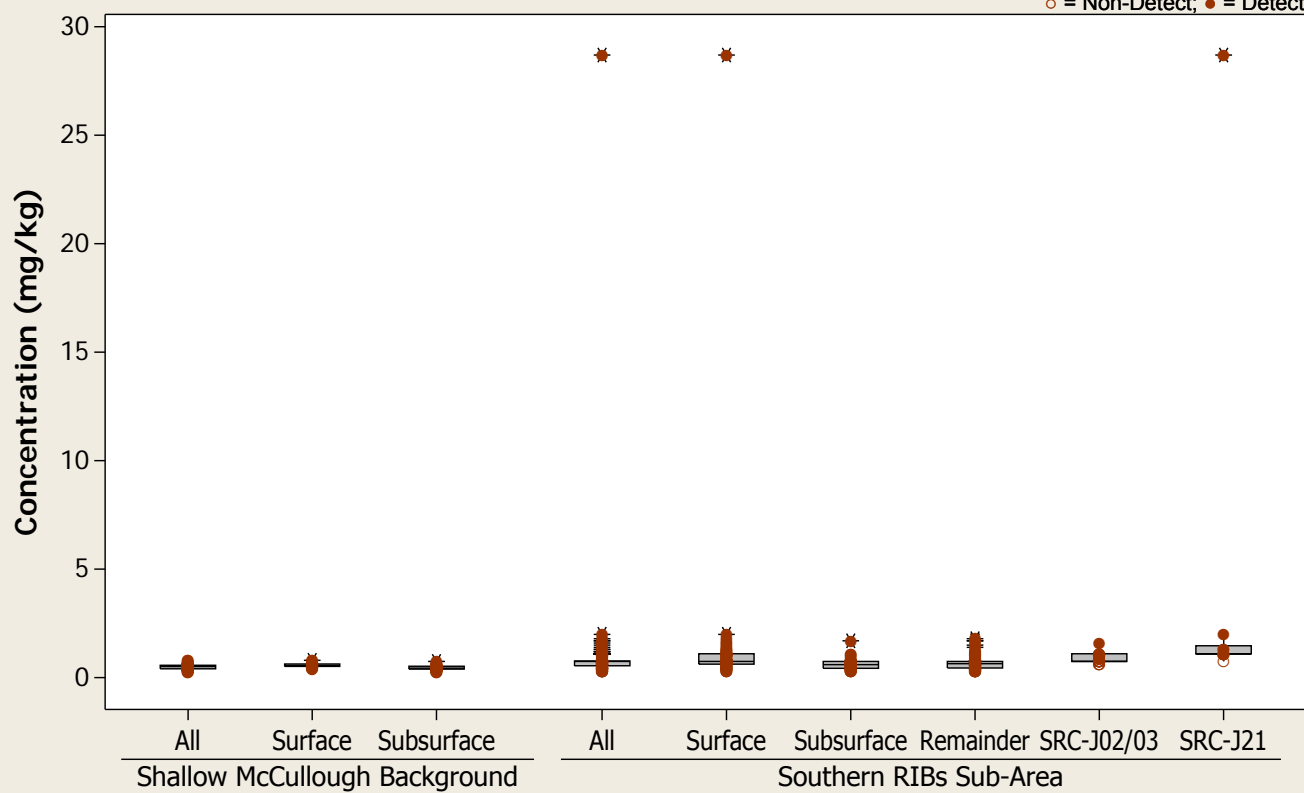○ = Non-Detect; ● = Detect

Probability Plot
Normal - 95% CI
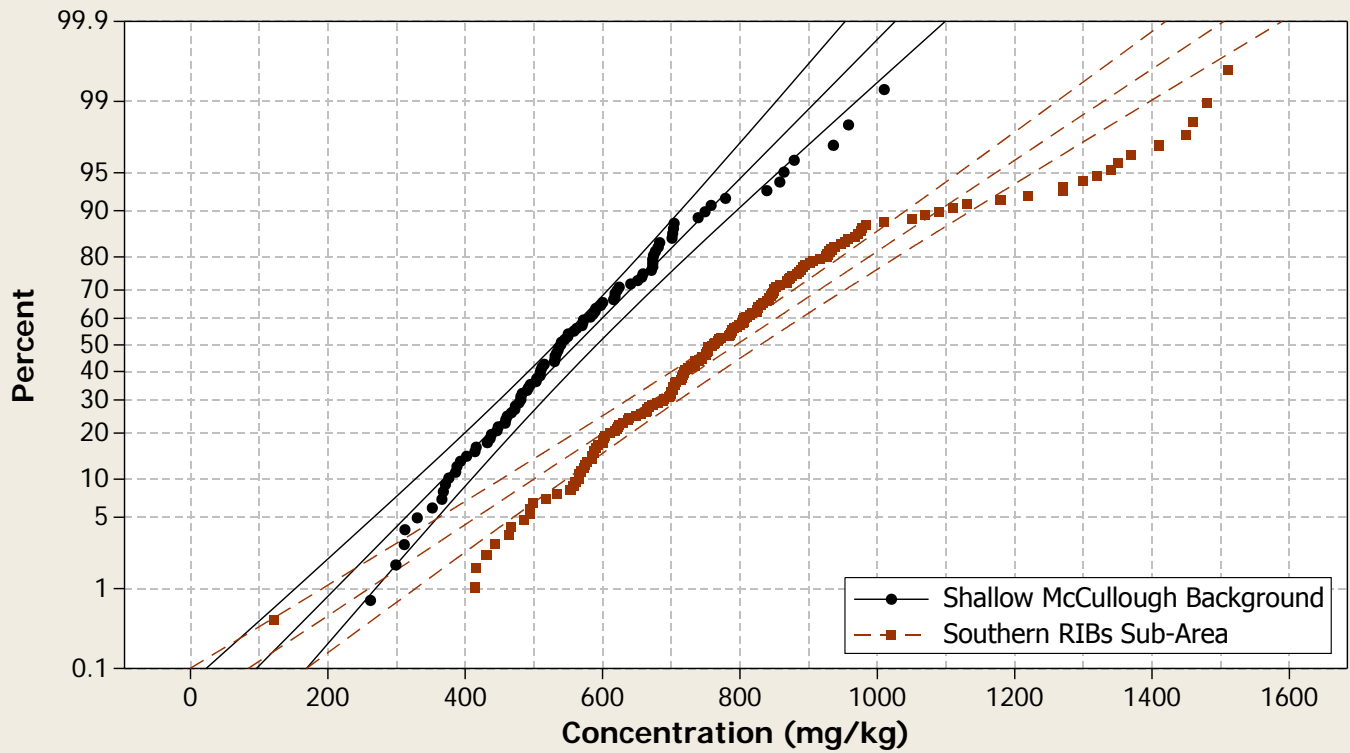## Analyte = Tin

Boxplot
Analyte = Tin

○ = Non-Detect; ● = Detect
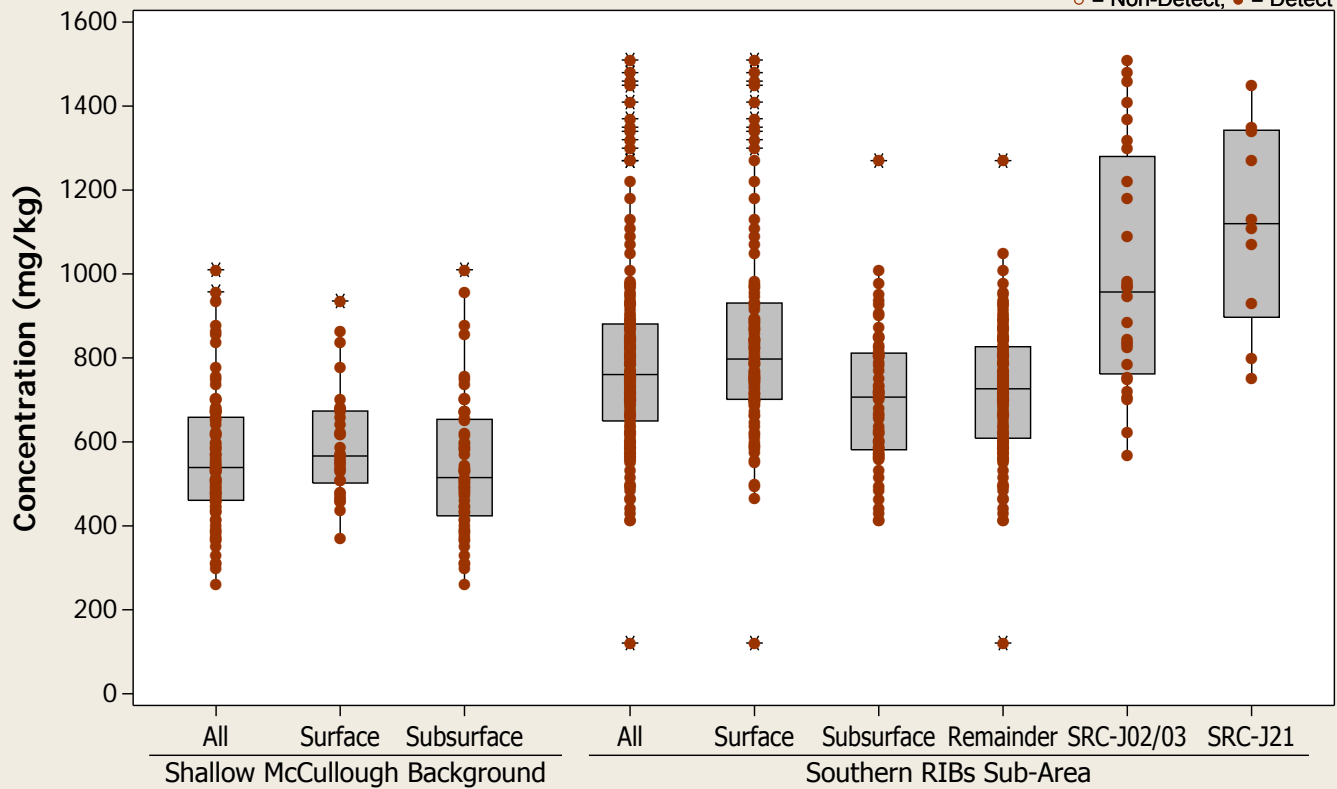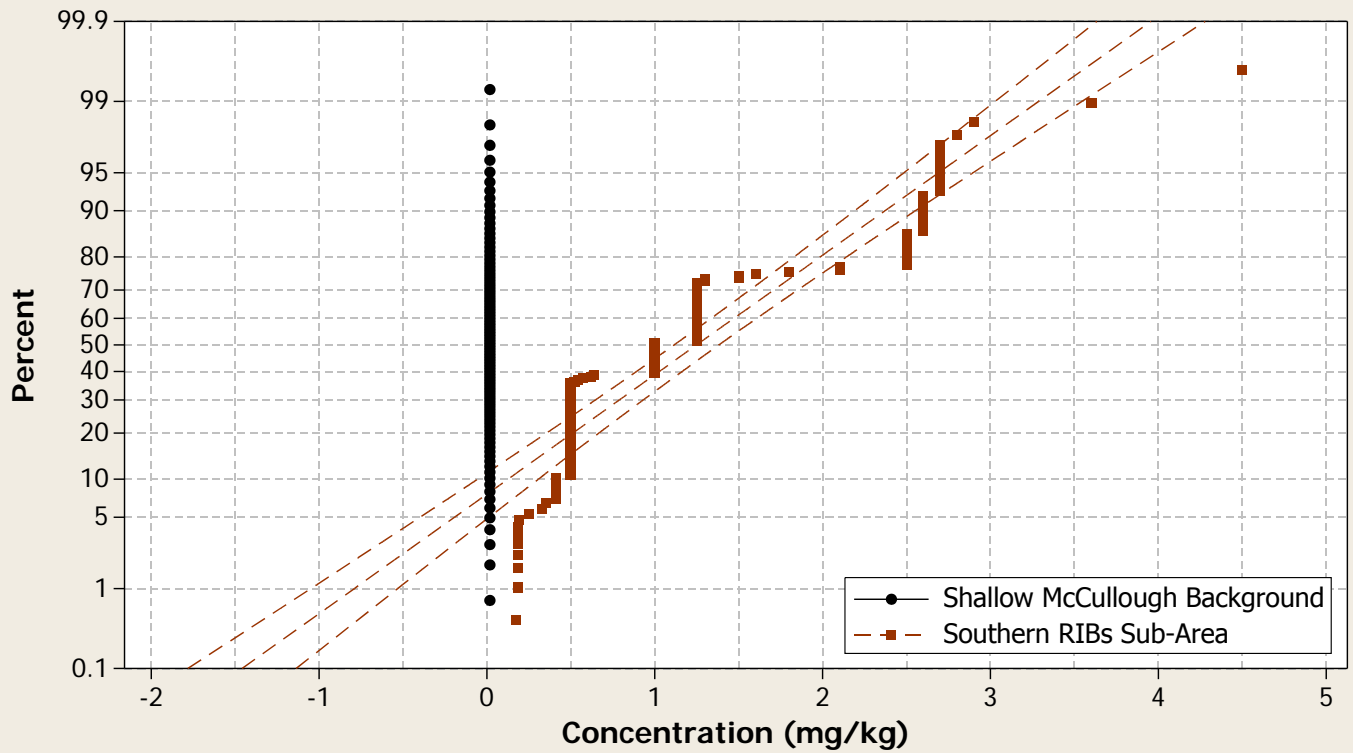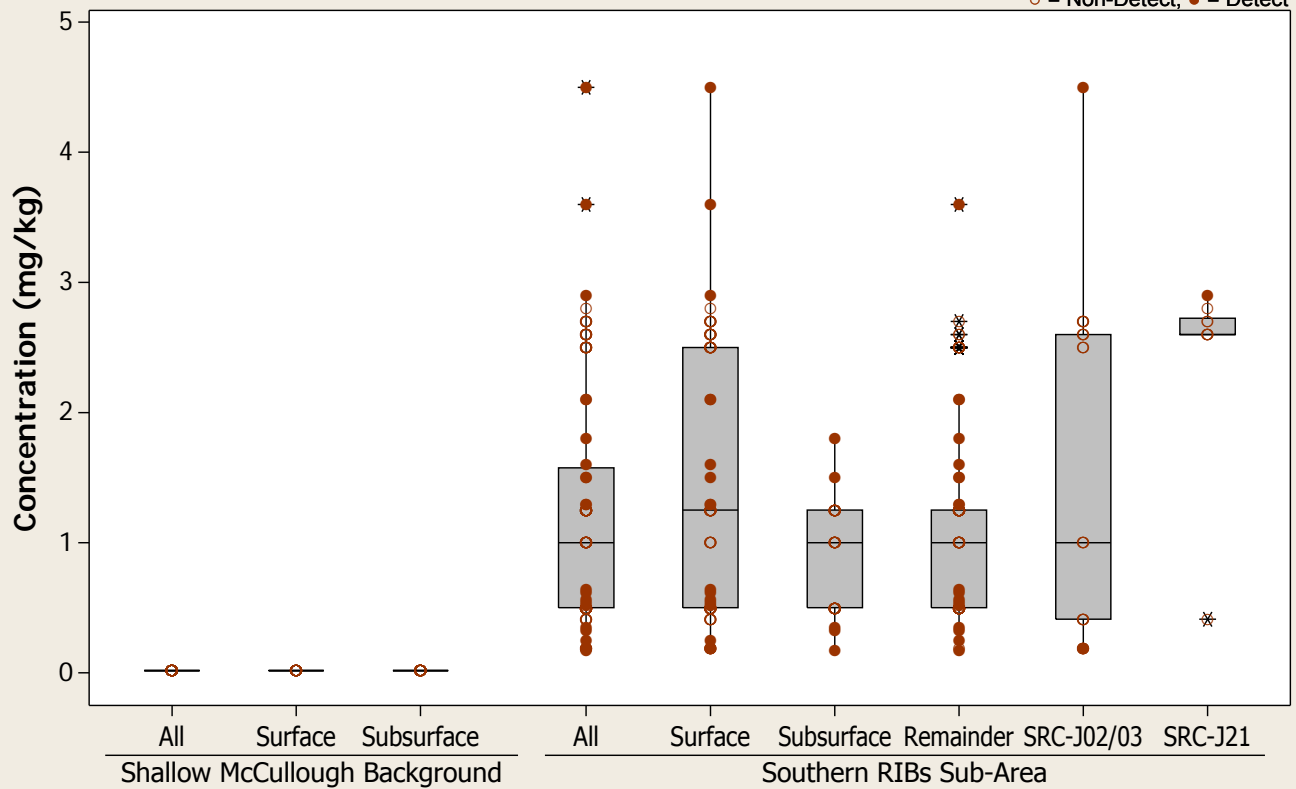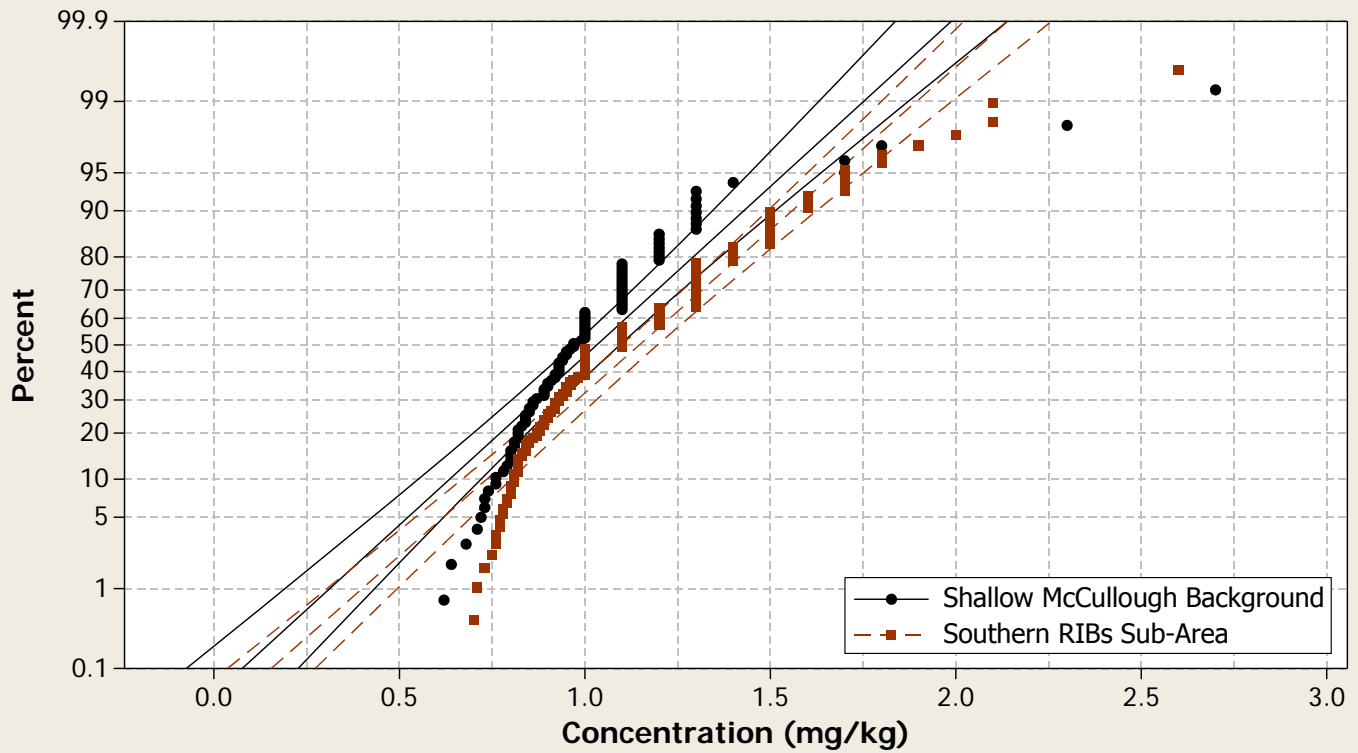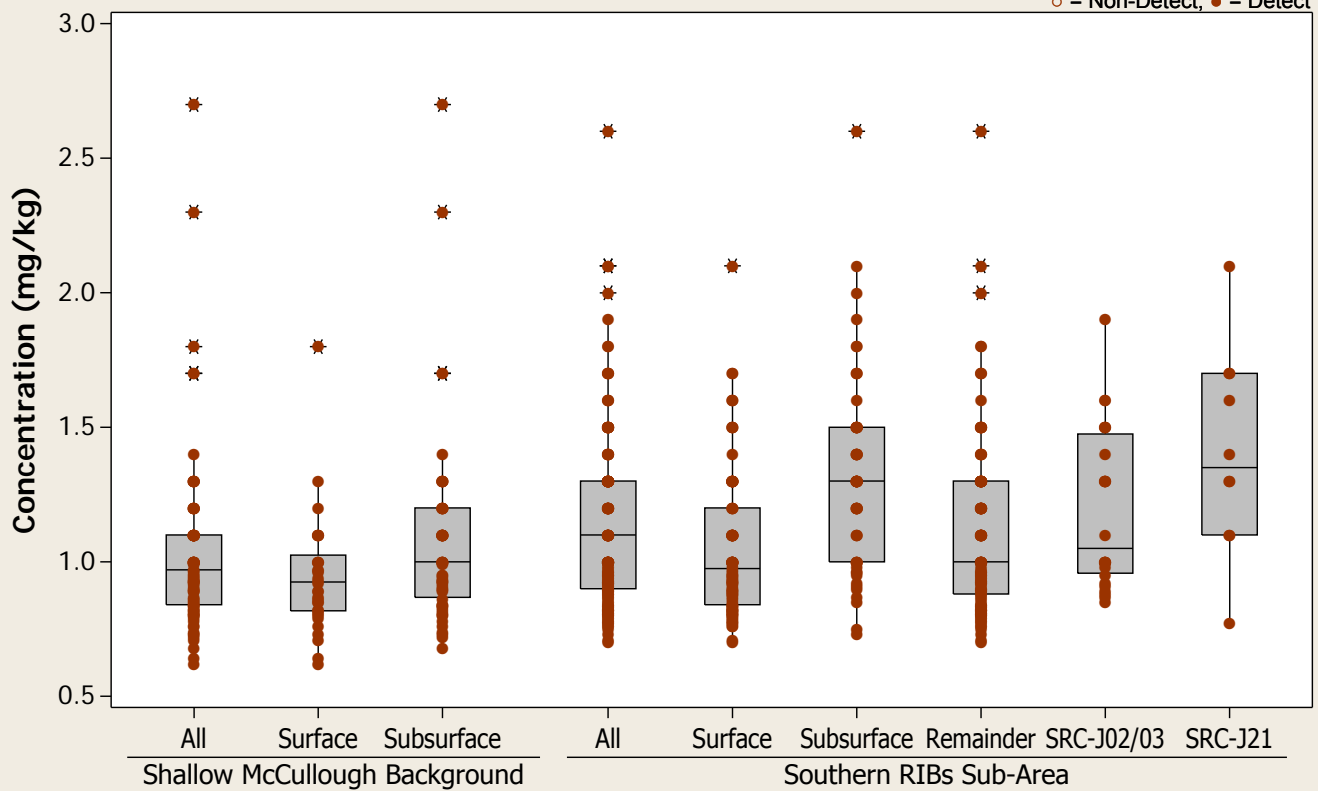
Probability Plot
Normal - 95% CI
Analyte = Titanium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area

X-axis: Concentration (mg/kg)
Y-axis: Percent

Boxplot
Analyte = Titanium

○ = Non-Detect; ● = Detect

X-axis categories:
- Shallow McCullough Background: All, Surface, Subsurface
- Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21

Y-axis: Concentration (mg/kg)

Probability Plot
Normal - 95% CI
Analyte = Tungsten

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area

Boxplot
Analyte = Tungsten

○ = Non-Detect; ● = Detect

Shallow McCullough Background: All, Surface, Subsurface

Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21

Probability Plot

Normal - 95% CI

Analyte = Uranium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area

Boxplot

Analyte = Uranium

○ = Non-Detect; ● = Detect

Shallow McCullough Background: All, Surface, Subsurface

Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21

Probability Plot

Normal - 95% CI

Analyte = Vanadium

Legend:
- Shallow McCullough Background
- Southern RIBs Sub-Area
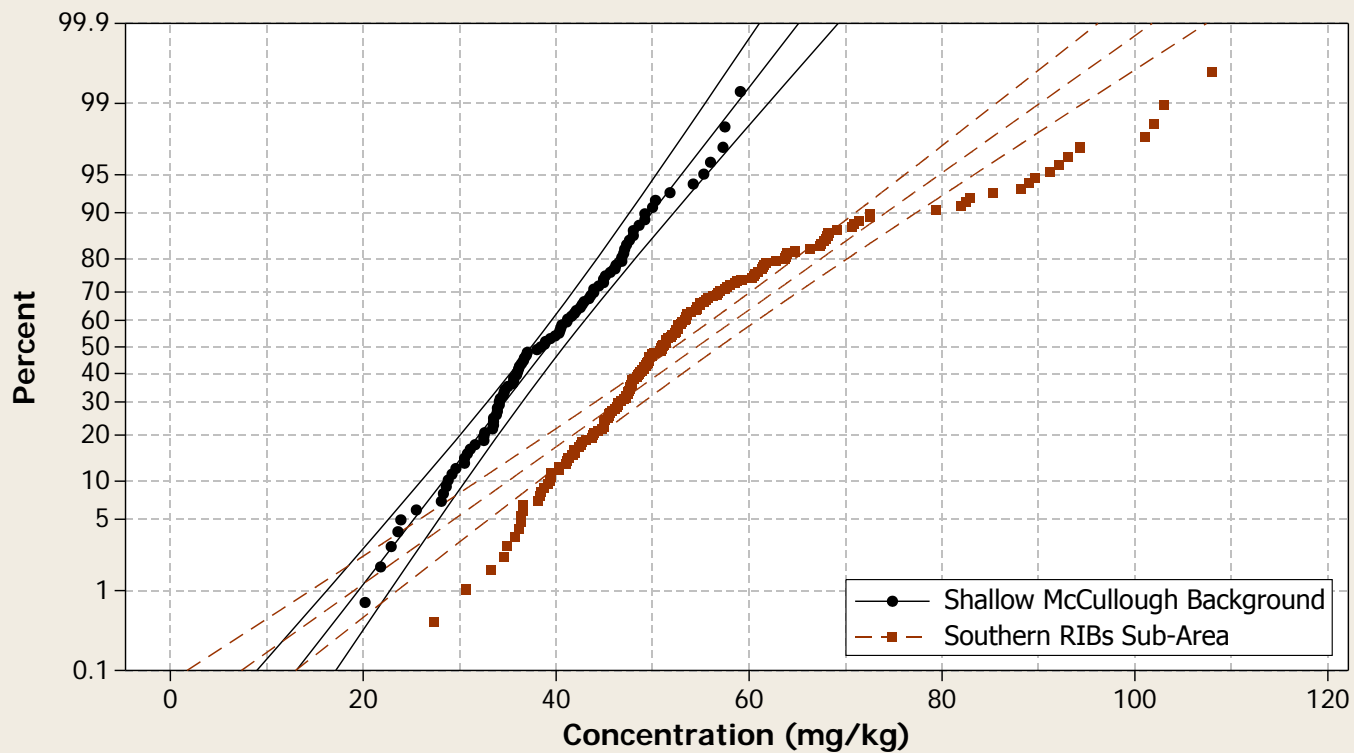
Boxplot

Analyte = Vanadium

○ = Non-Detect; ● = Detect

Shallow McCullough Background: All, Surface, Subsurface

Southern RIBs Sub-Area: All, Surface, Subsurface, Remainder, SRC-J02/03, SRC-J21
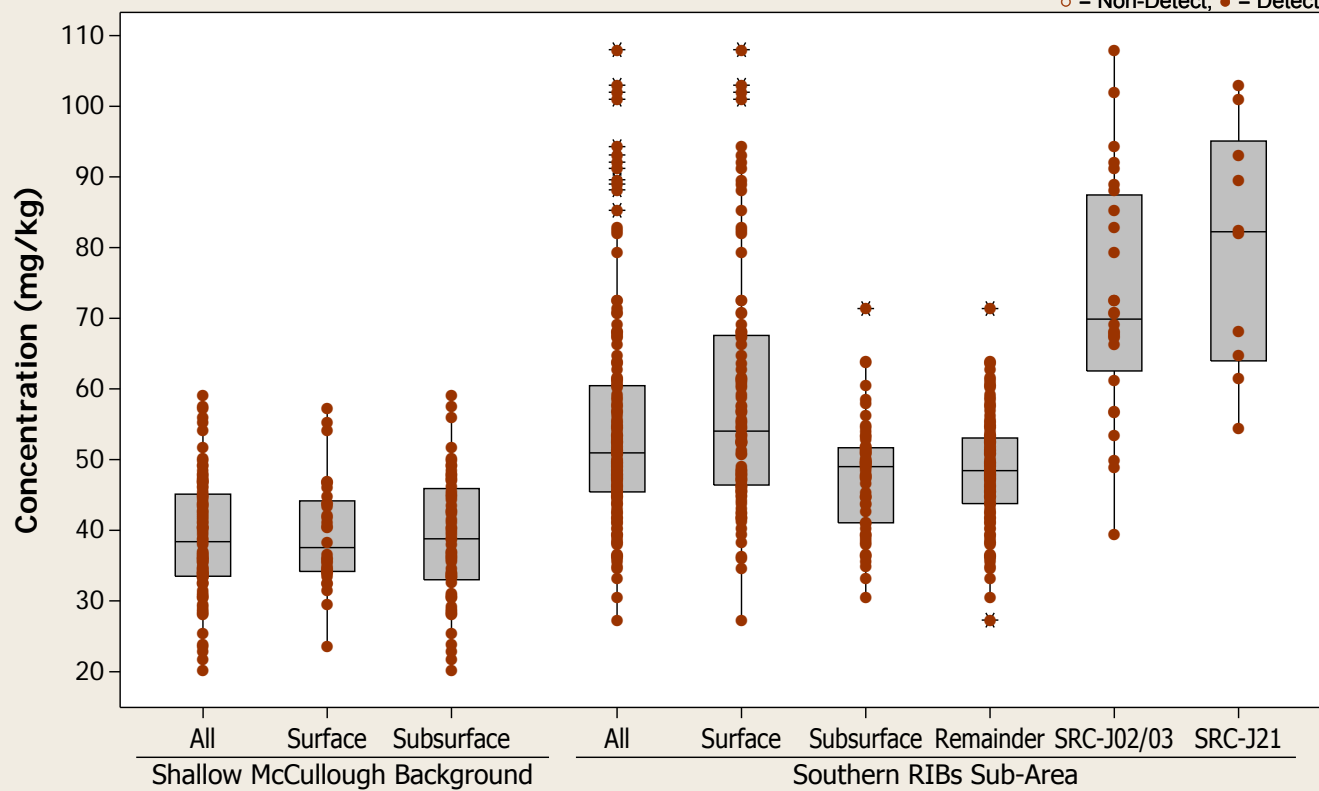
Probability Plot
Normal - 95% CI
Analyte = Zinc
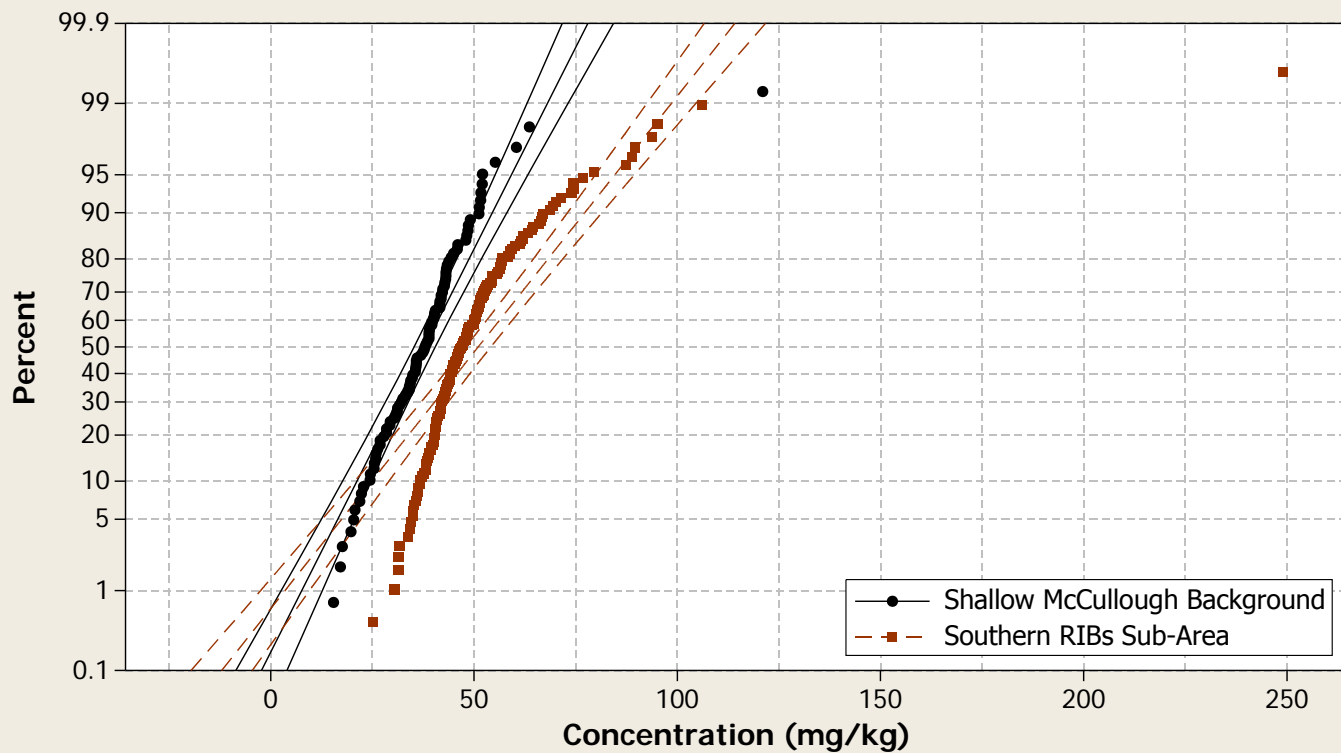
Boxplot
Analyte = Zinc
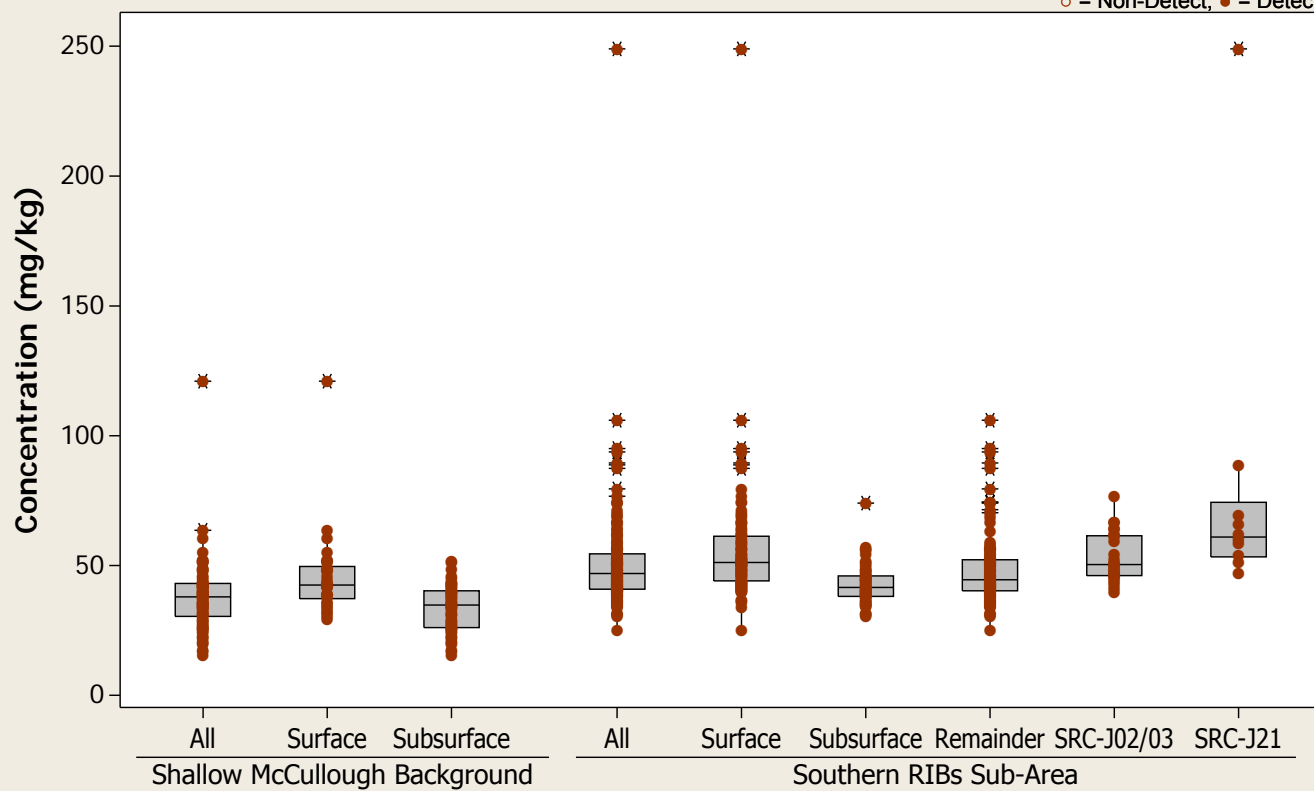
Probability Plot
Normal - 95% CI
Analyte = Radium-226

● Shallow McCullough Background
■ Southern RIBs Sub-Area
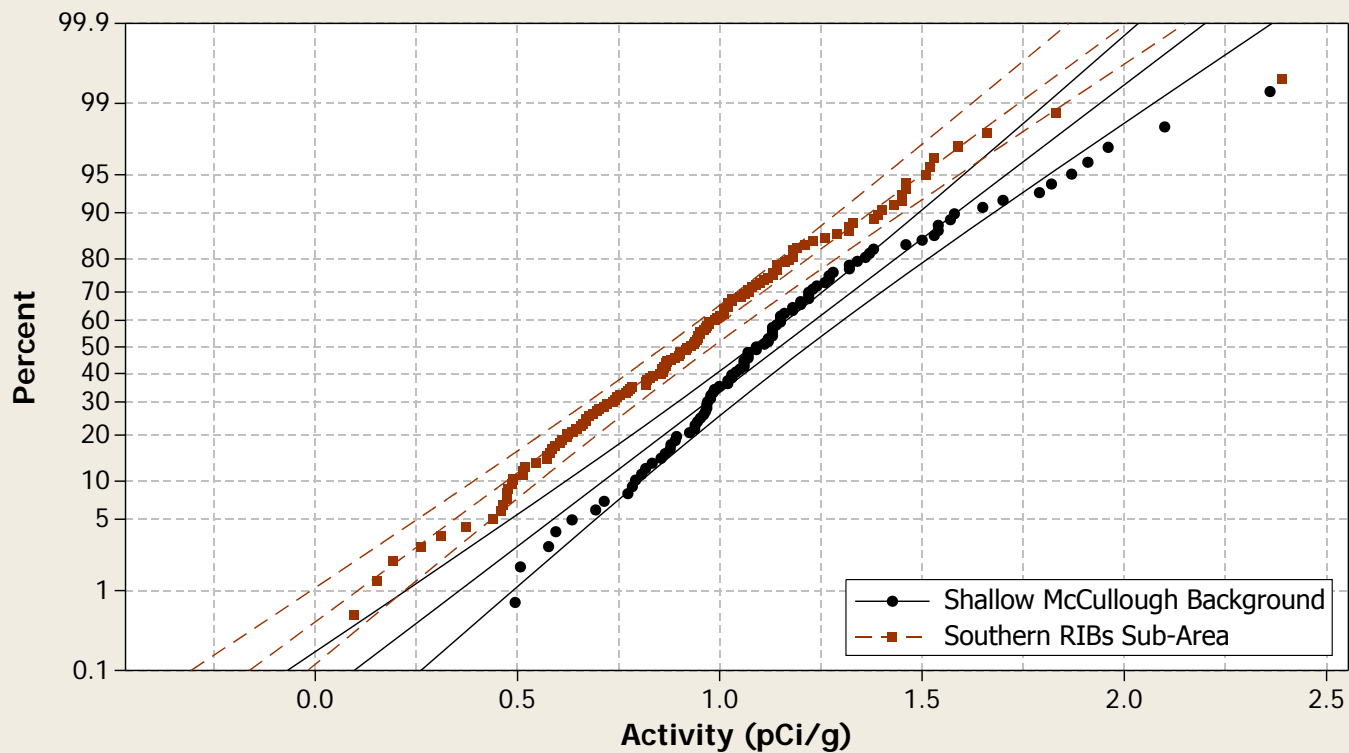
Boxplot
Analyte = Radium-226
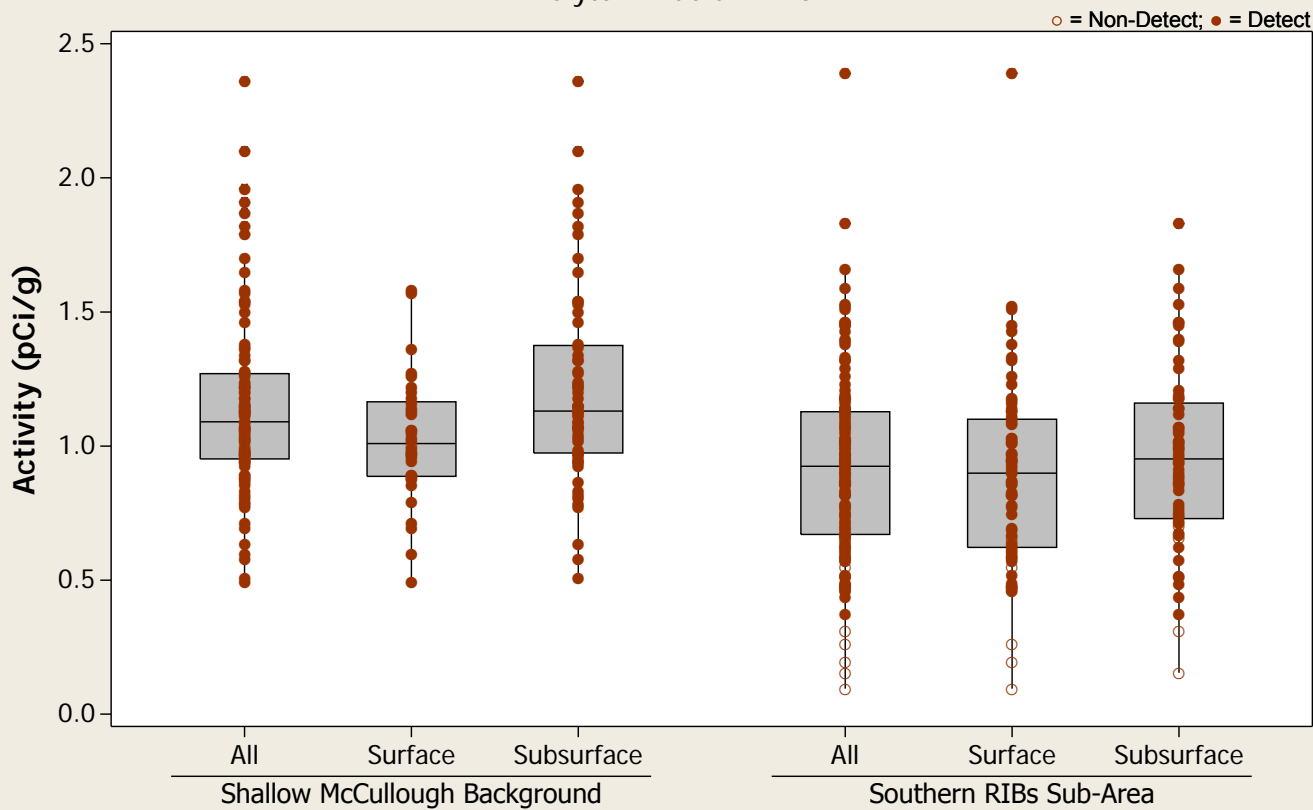
○ = Non-Detect; ● = Detect

Probability Plot
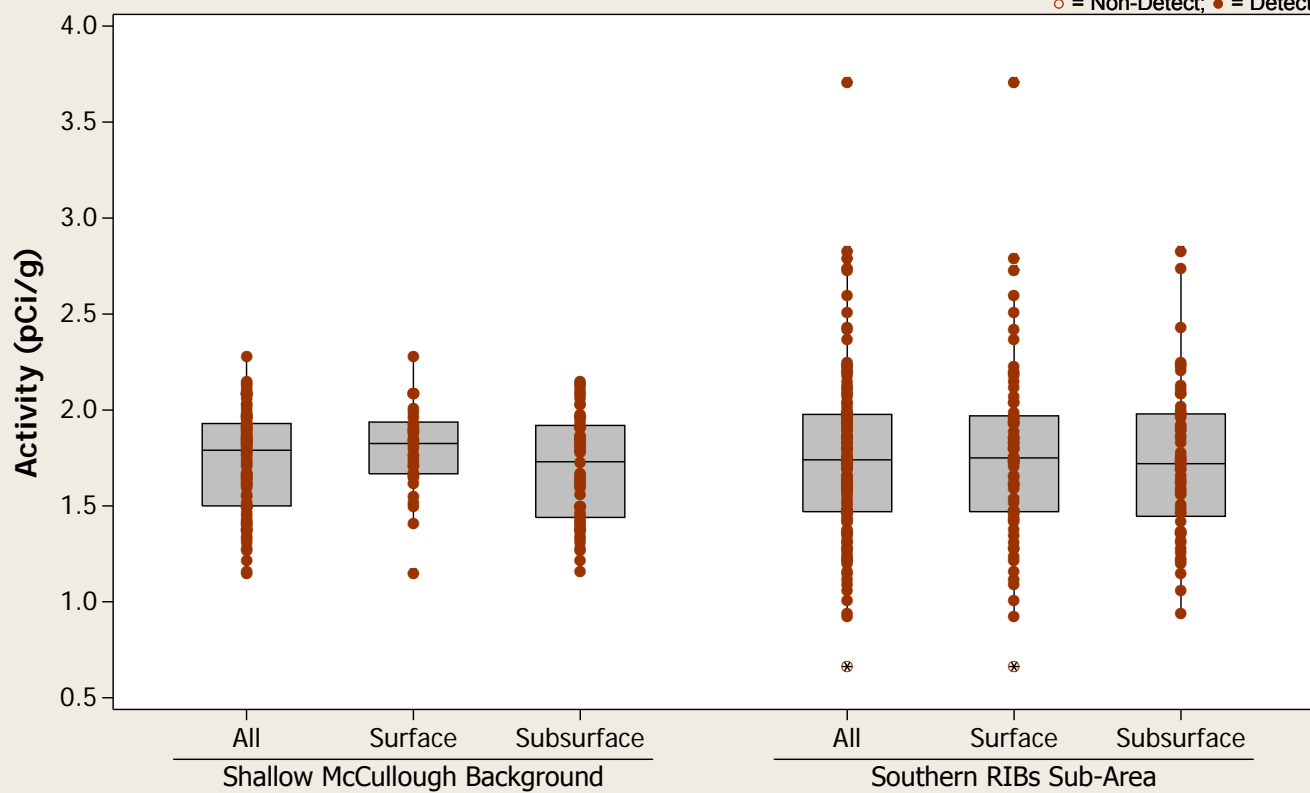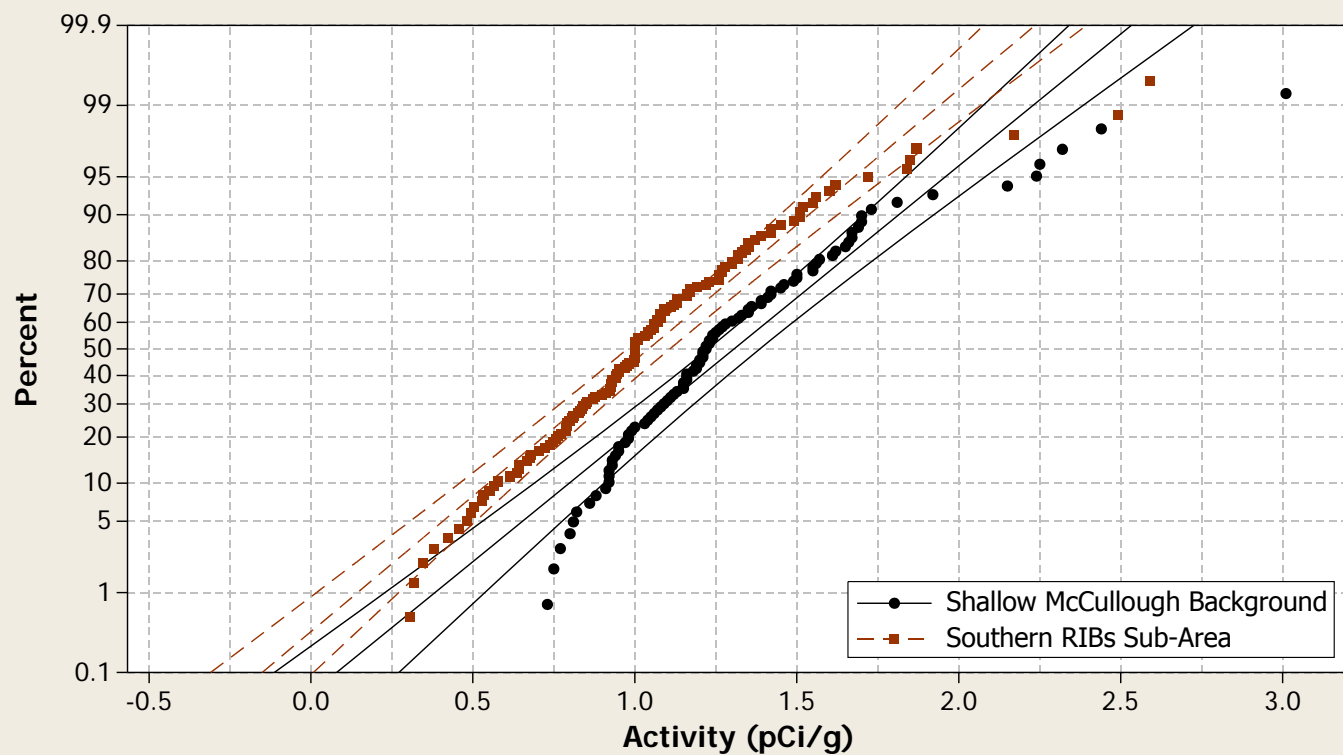## Normal - 95% CI
Analyte = Radium-228

Boxplot
Analyte = Radium-228
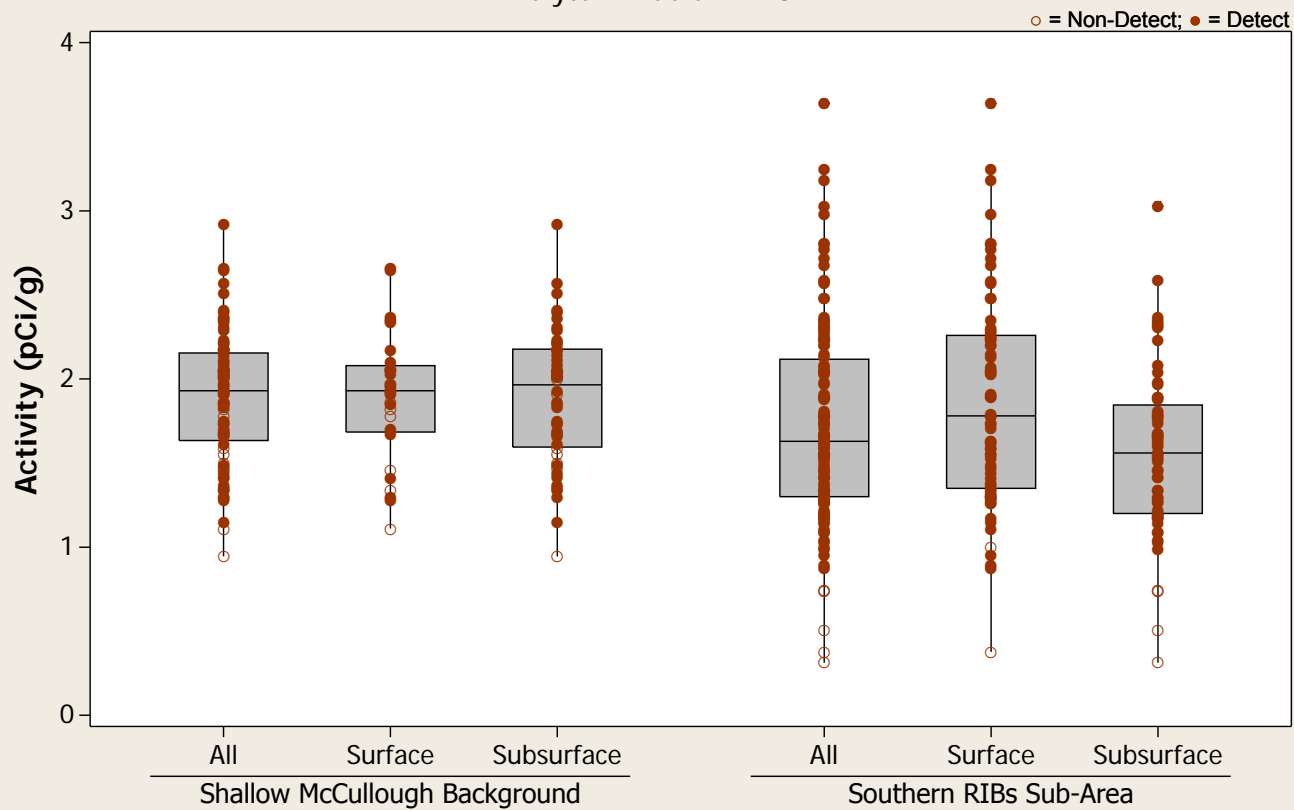
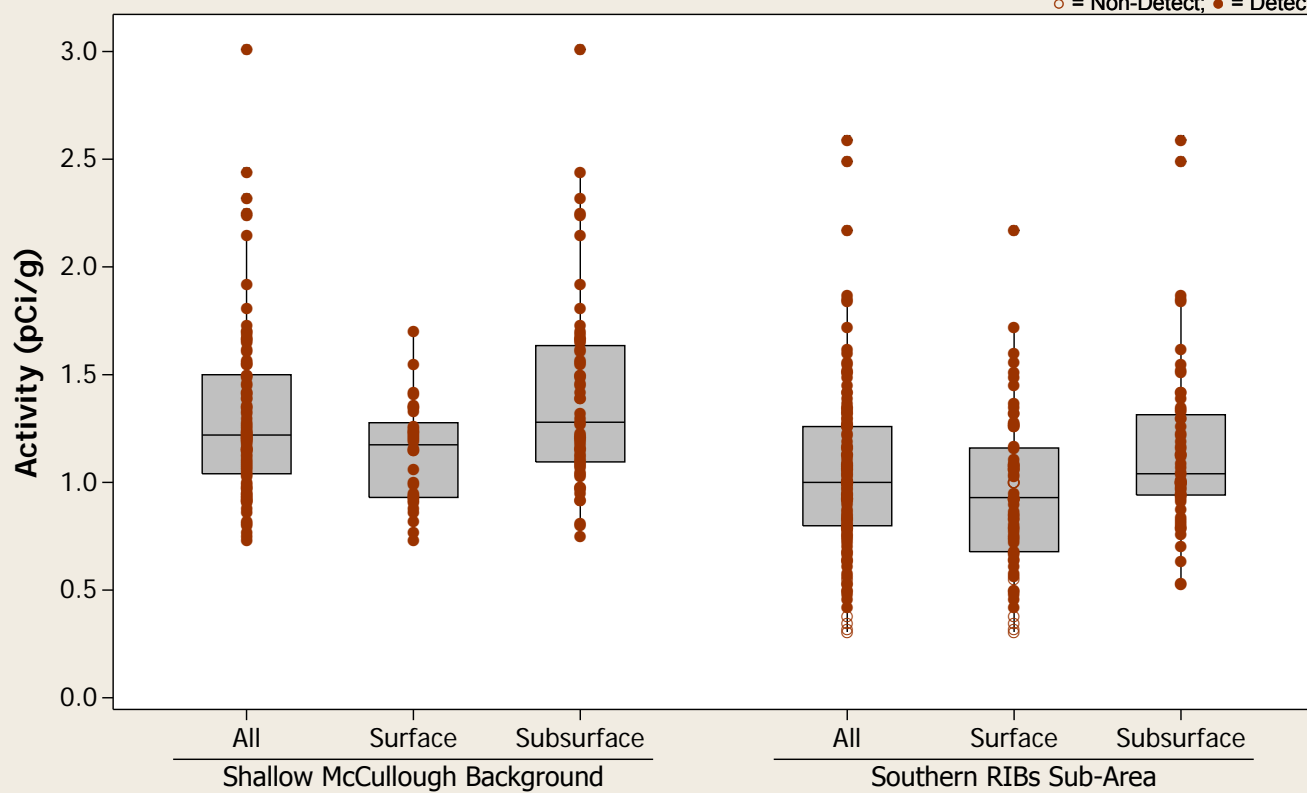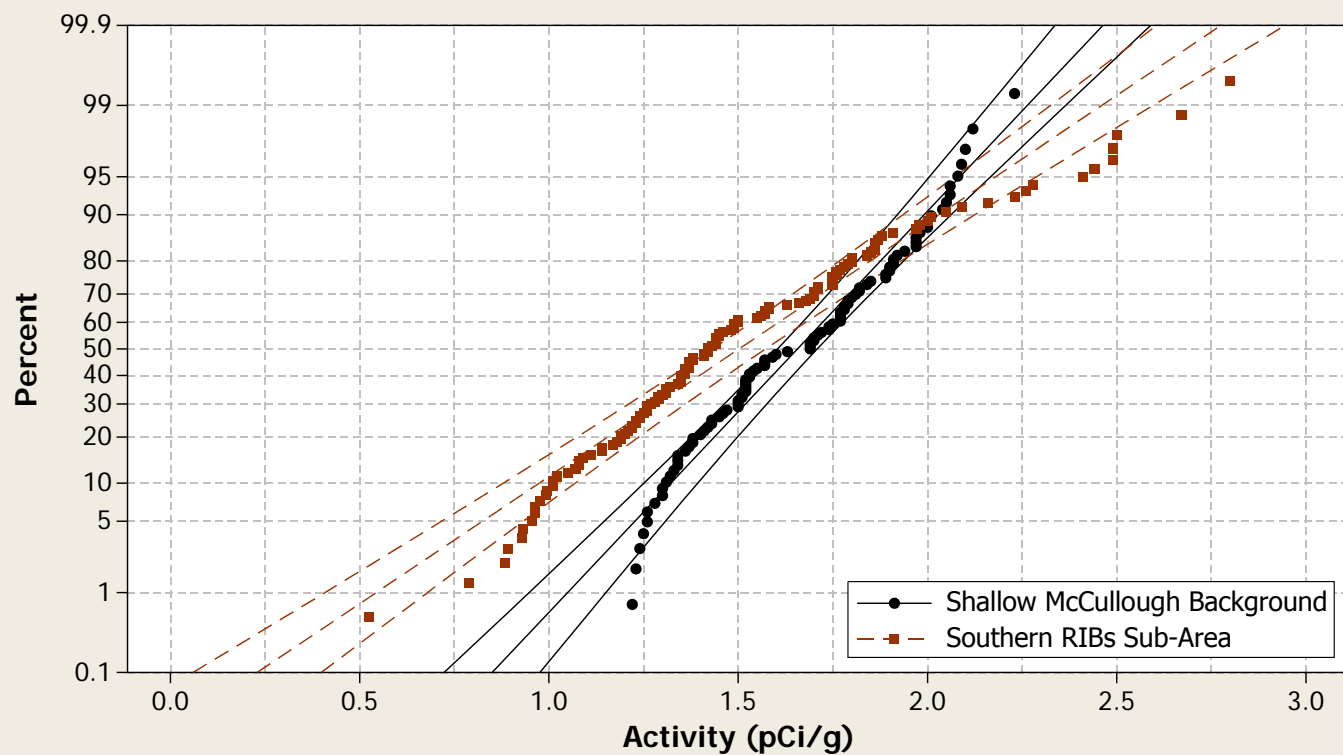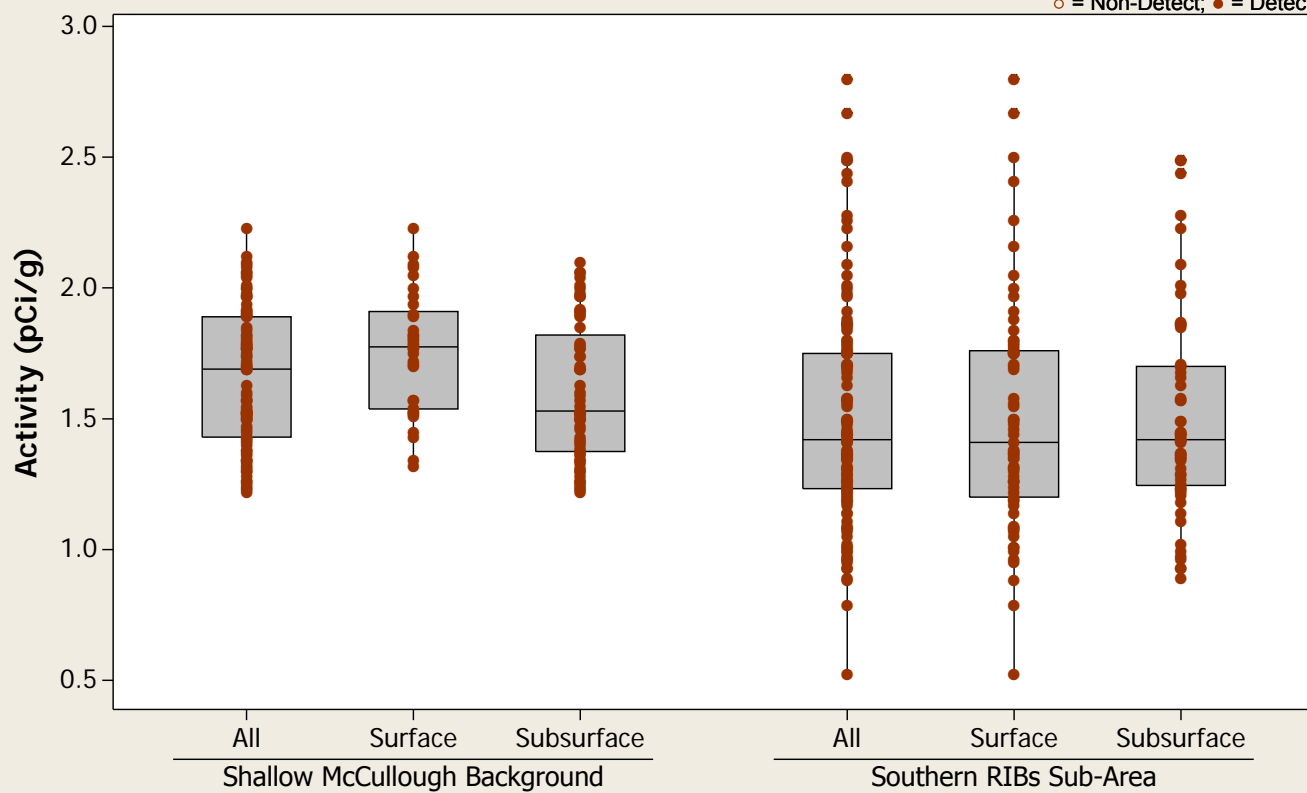○ = Non-Detect; ● = Detect

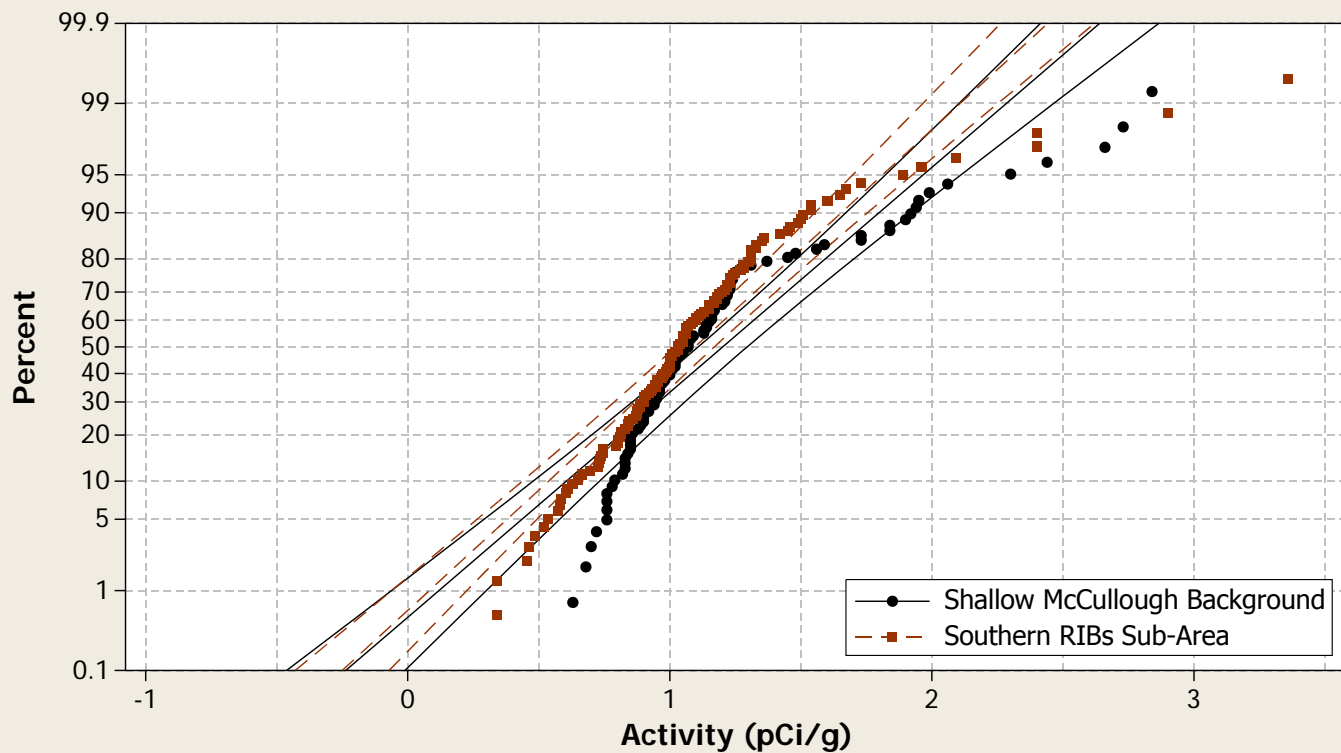# Probability Plot
Normal - 95% CI
Analyte = Thorium-228

Boxplot
Analyte = Thorium-228

Probability Plot
Normal - 95% CI
Analyte = Thorium-230

Boxplot
Analyte = Thorium-230

Probability Plot
Normal - 95% CI
Analyte = Thorium-232

Boxplot
Analyte = Thorium-232
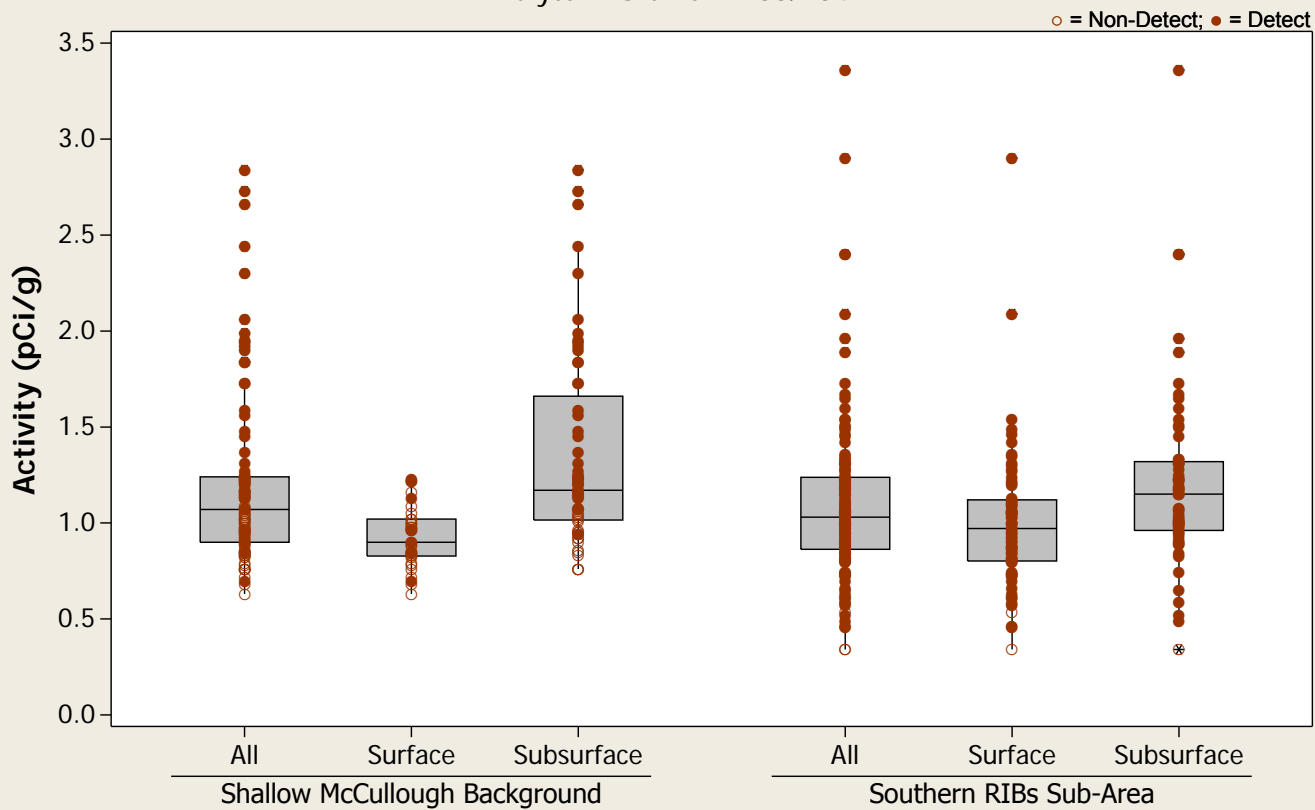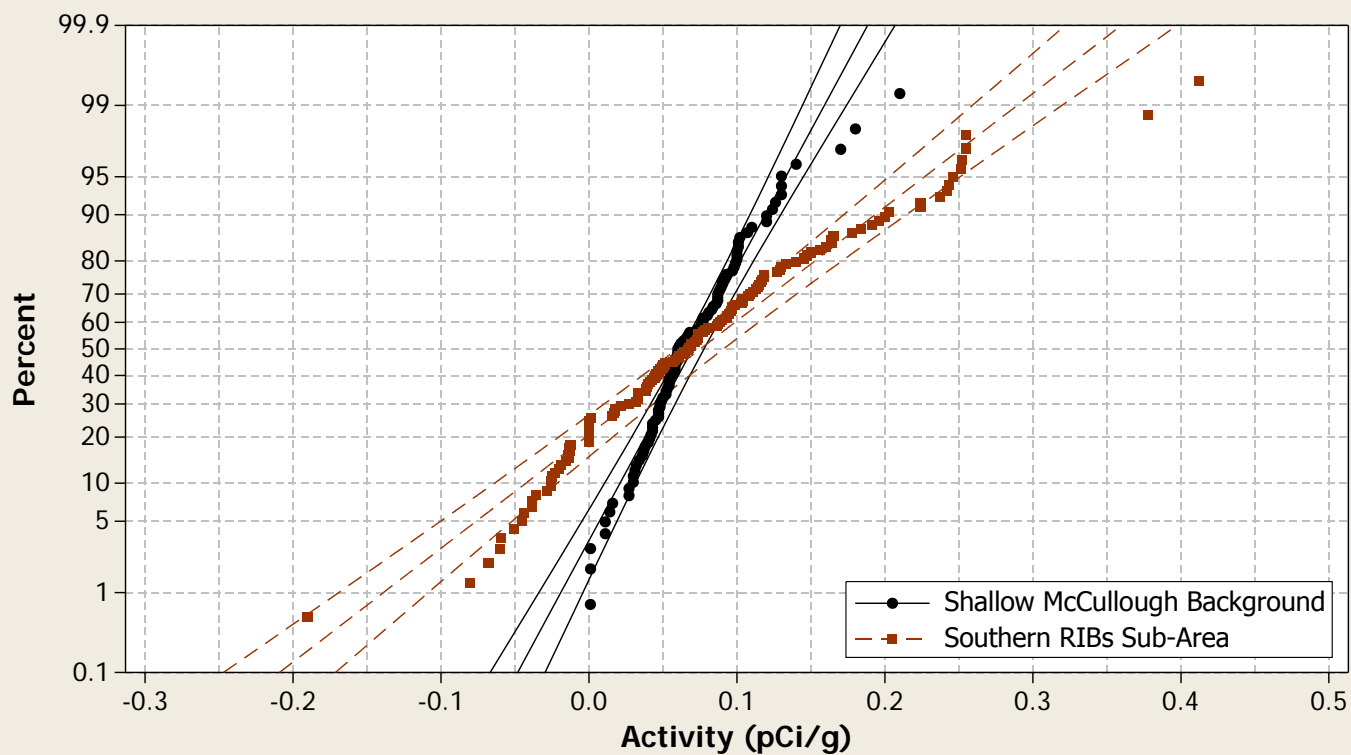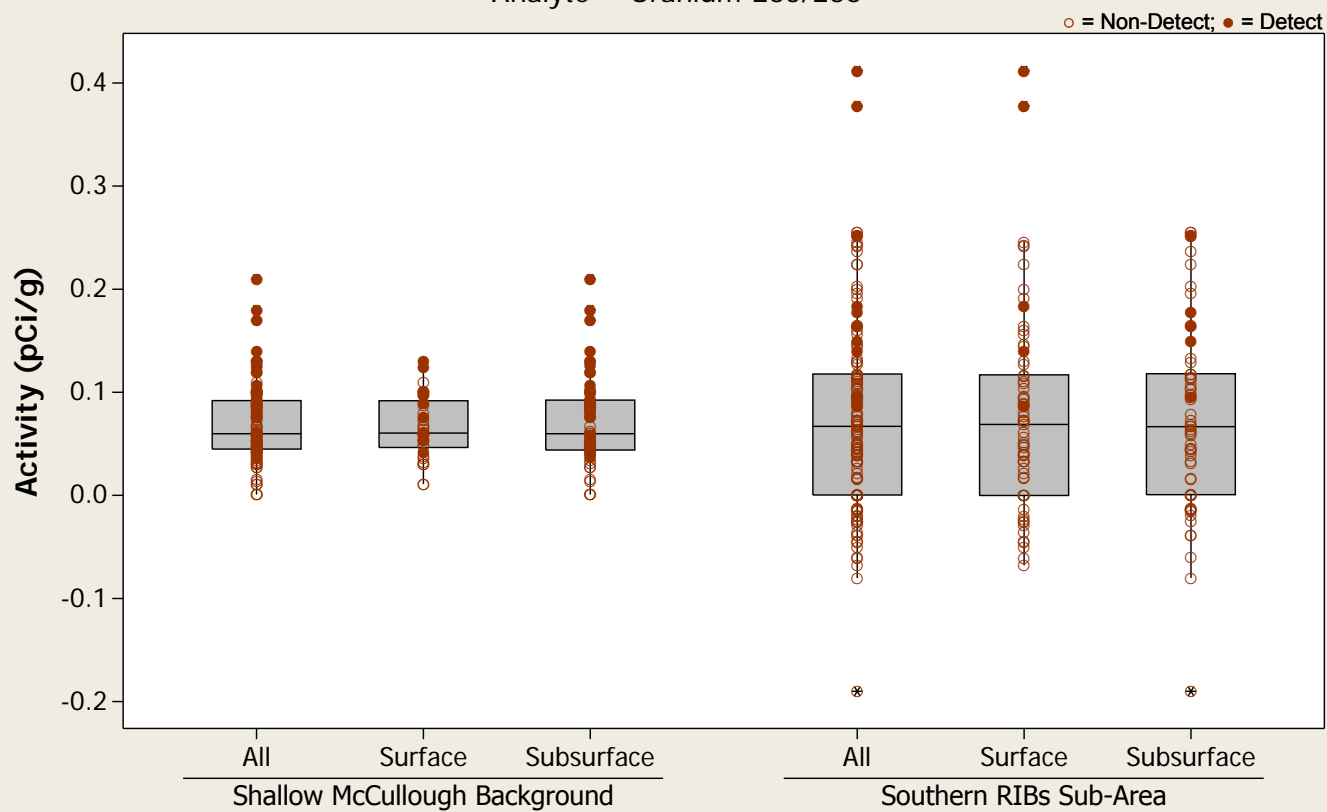
Probability Plot
Normal - 95% CI
Analyte = Uranium-233/234

Boxplot
Analyte = Uranium-233/234

Probability Plot
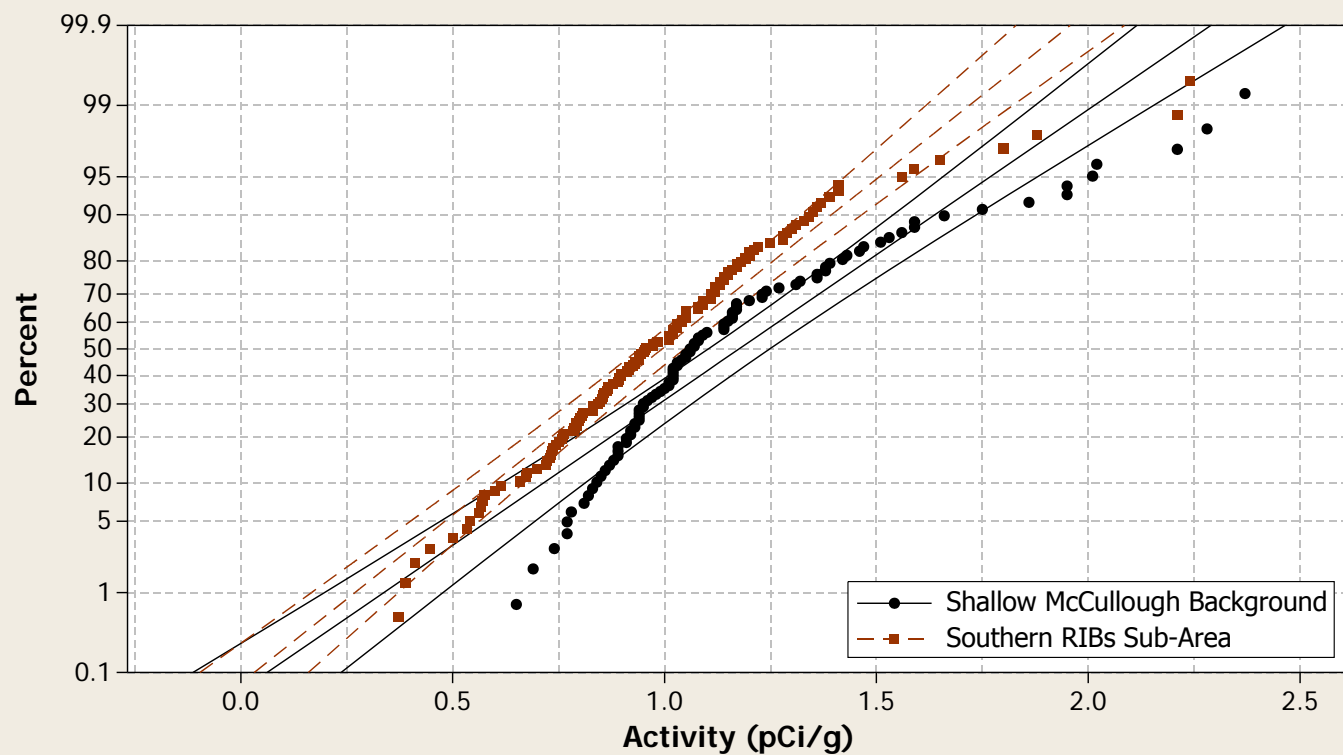## Normal - 95% CI
Analyte = Uranium-235/236

Boxplot
Analyte = Uranium-235/236

○ = Non-Detect; ● = Detect

Probability Plot
Normal - 95% CI
Analyte = Uranium-238

Boxplot
Analyte = Uranium-238