



# SOIL TEST RESULTS

*North Burnett*



Soil tests were taken and analysed as part of the Burnett Catchment Care Association's "Invest in a Test" Project.

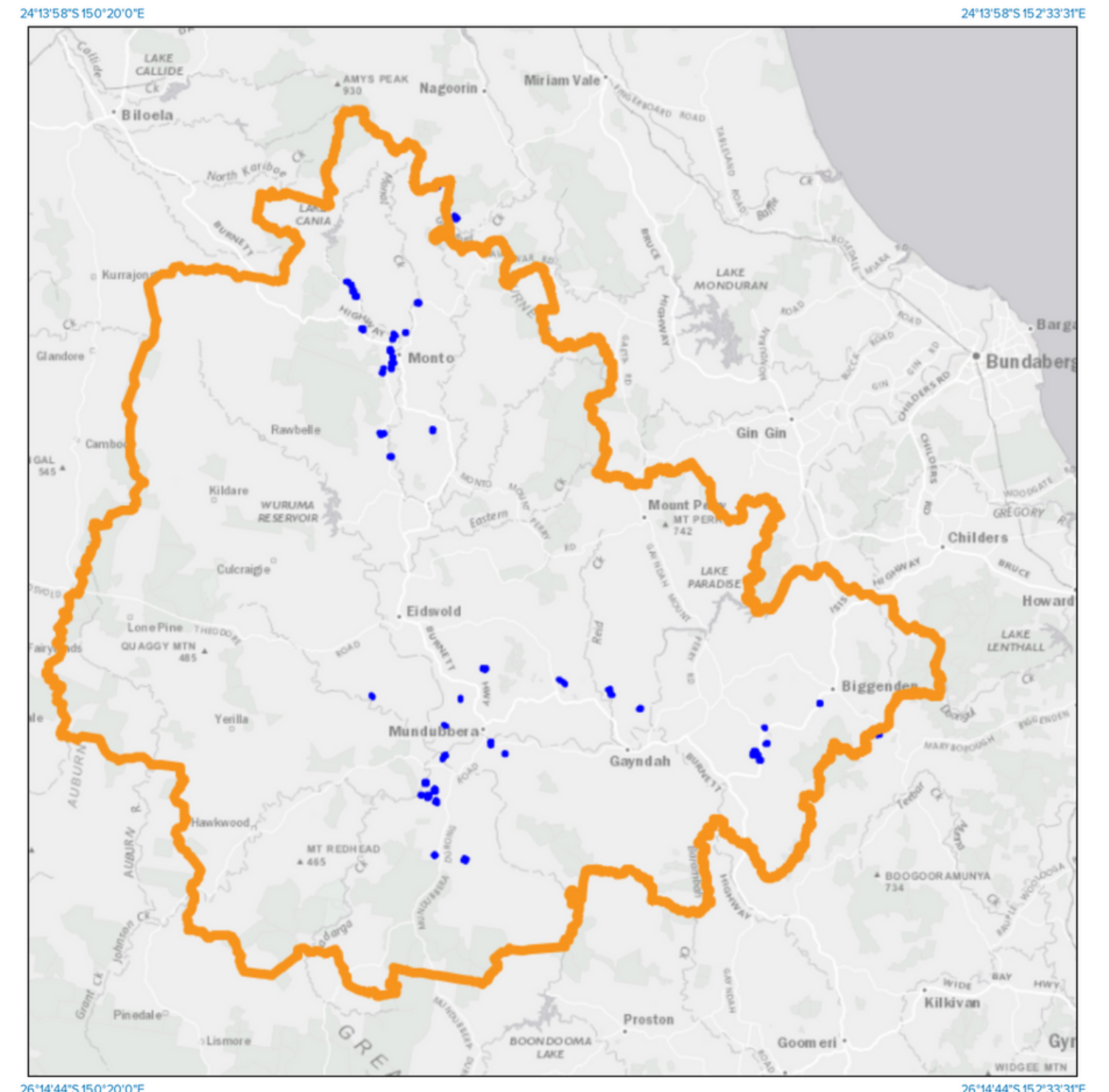
The soil tests were taken from numerous cropping and grazing properties across the North Burnett during 2022 and 2023.

The exact locations are not provided and will not be made public however, localities indicate the vicinity of the soil tests.

Soil samples were taken from surface 0-10cm layer and the 10-60cm layer. The lab analysis was conducted by Hortus Analytical in Bundaberg.

*Compiled by: Katie Muller*

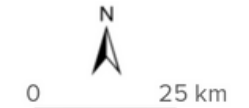
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26°14'44"S 150°20'0"E 26°14'44"S 152°33'31"E

A product of Queensland Globe

Legend located on next page



Printed at: A4  
Print date: 3/4/2024

Not suitable for accurate measurement.  
Projection: Web Mercator EPSG 102100 (3857)

For more information, visit <https://qldglobe.information.qld.gov.au/help-info/Contact-us.html>



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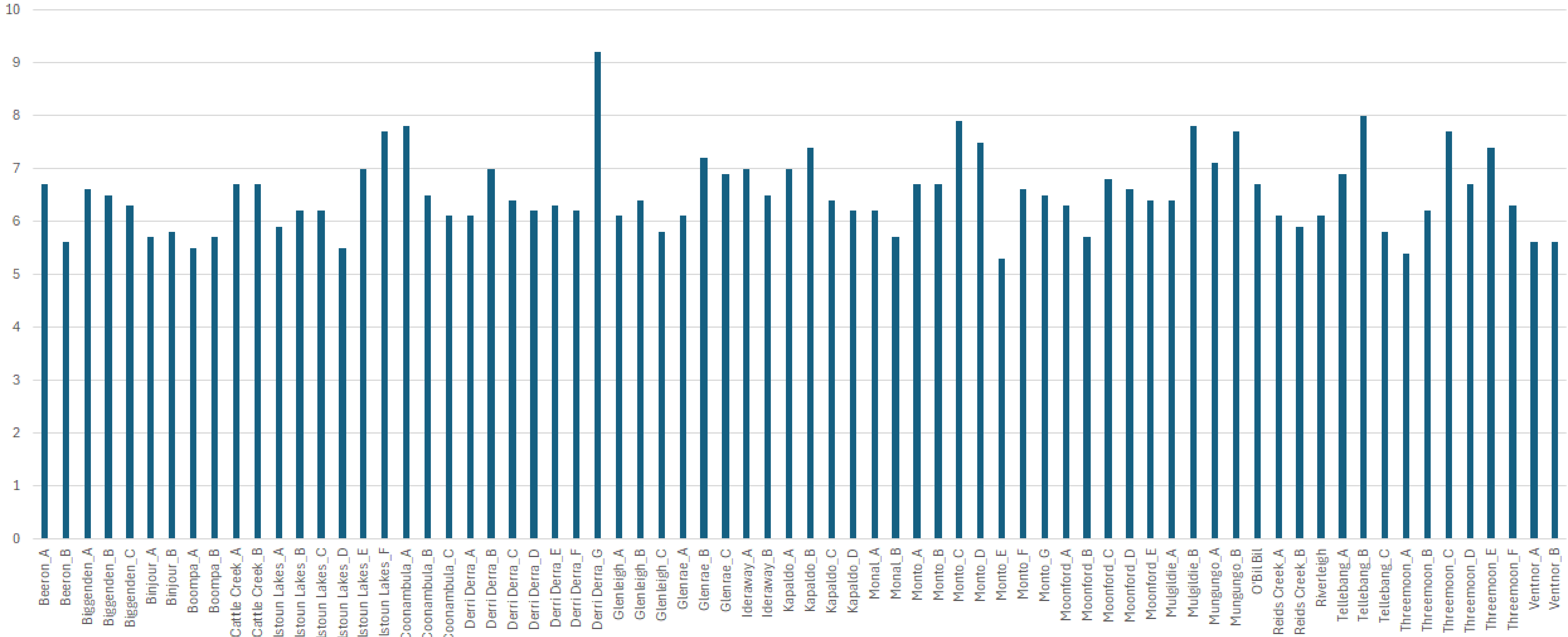
If imagery is displayed, imagery includes material © CNES reproduced under license from Airbus DS, all rights reserved © 21AT © Earth-i, all rights reserved, © Planet Labs PBC, 2023

The following soil test results graphed are as follows:

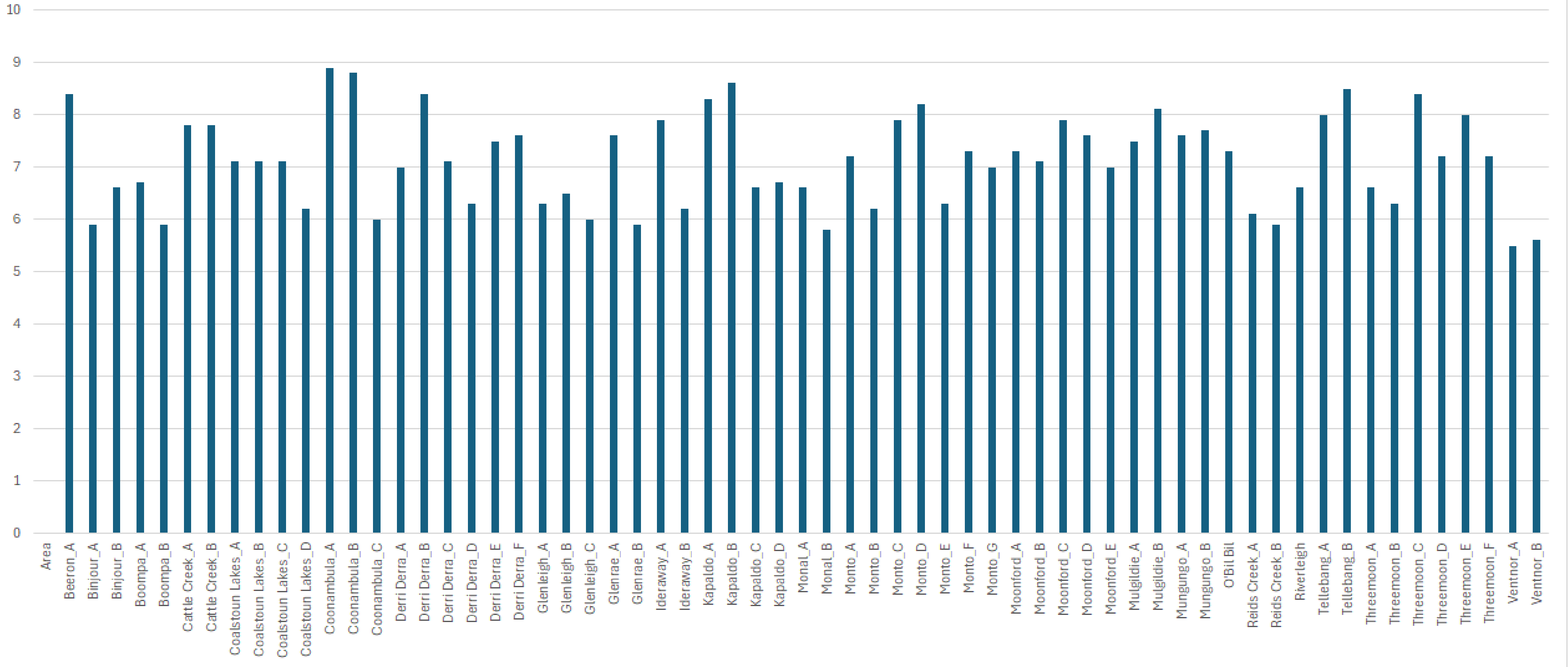
- Soil pH - Surface 0-10cm
- Soil pH - 10-~60cm
- Electrical Conductivity (mS/cm) - Surface 0-10cm
- Electrical Conductivity (mS/cm) - 10-~60cm
- Organic Carbon % - Surface 0-10cm
- Nitrate N weighted mean (kgN/ha) - Surface 0-10cm
- Nitrate N weighted mean (kgN/ha) - 10-~60cm
- Phosphorus (Colwell) mg/kg - Surface 0-10cm
- Phosphorus (Colwell) mg/kg - 10-~60cm
- Phosphorus Buffering Index (PBI) - Surface 0-10cm
- Phosphorus (BSES) mg/kg - Surface 0-10cm
- Cation Exchange Capacity (CEC) cmol(+)/kg - Surface 0-10cm
- Sodium % - Surface 0-10cm
- Potassium (mg/kg)- Surface 0-10cm)
- Soil Zinc (mg/kg)- Surface 0-10cm
- Sulphur (mg/kg)- Surface 0-10cm
- Calcium Magnesium Ratio - Surface 0-10cm



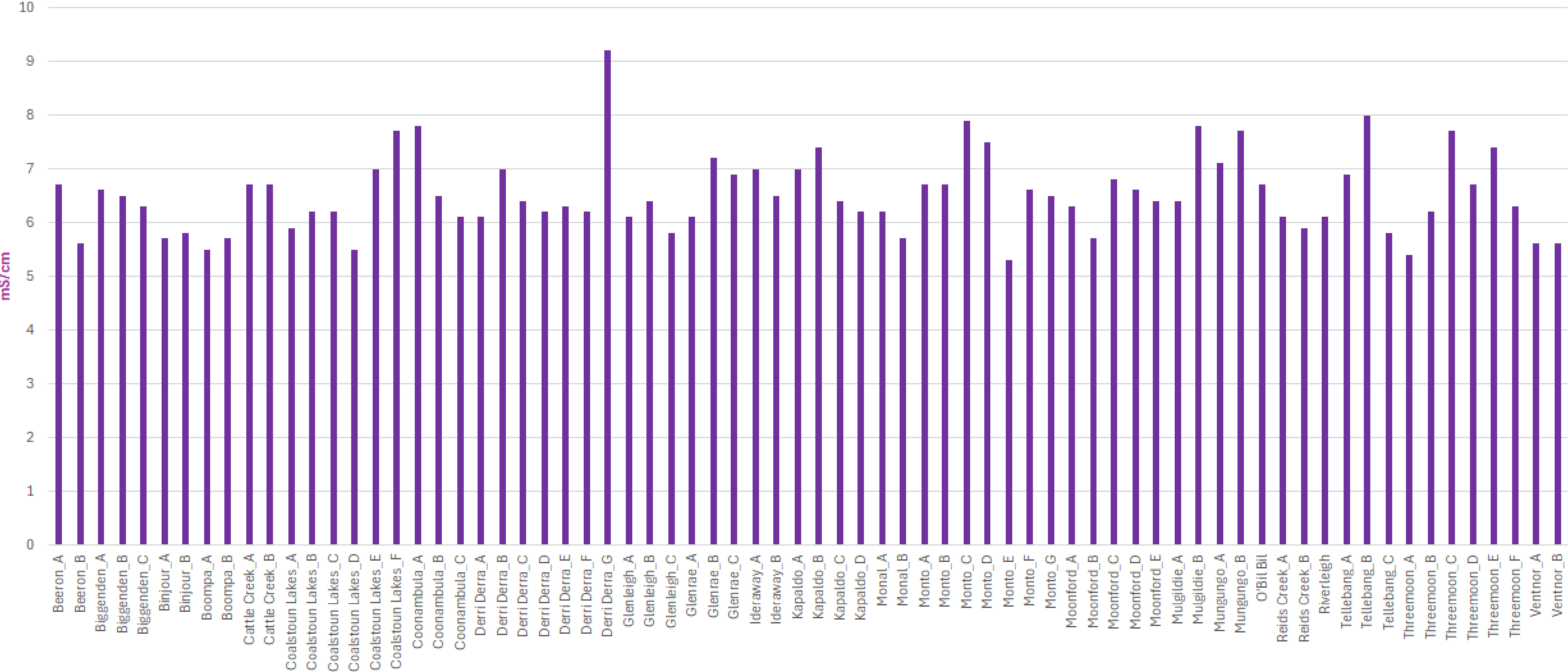
### Soil pH (water1:5) - Surface (0-10cm)



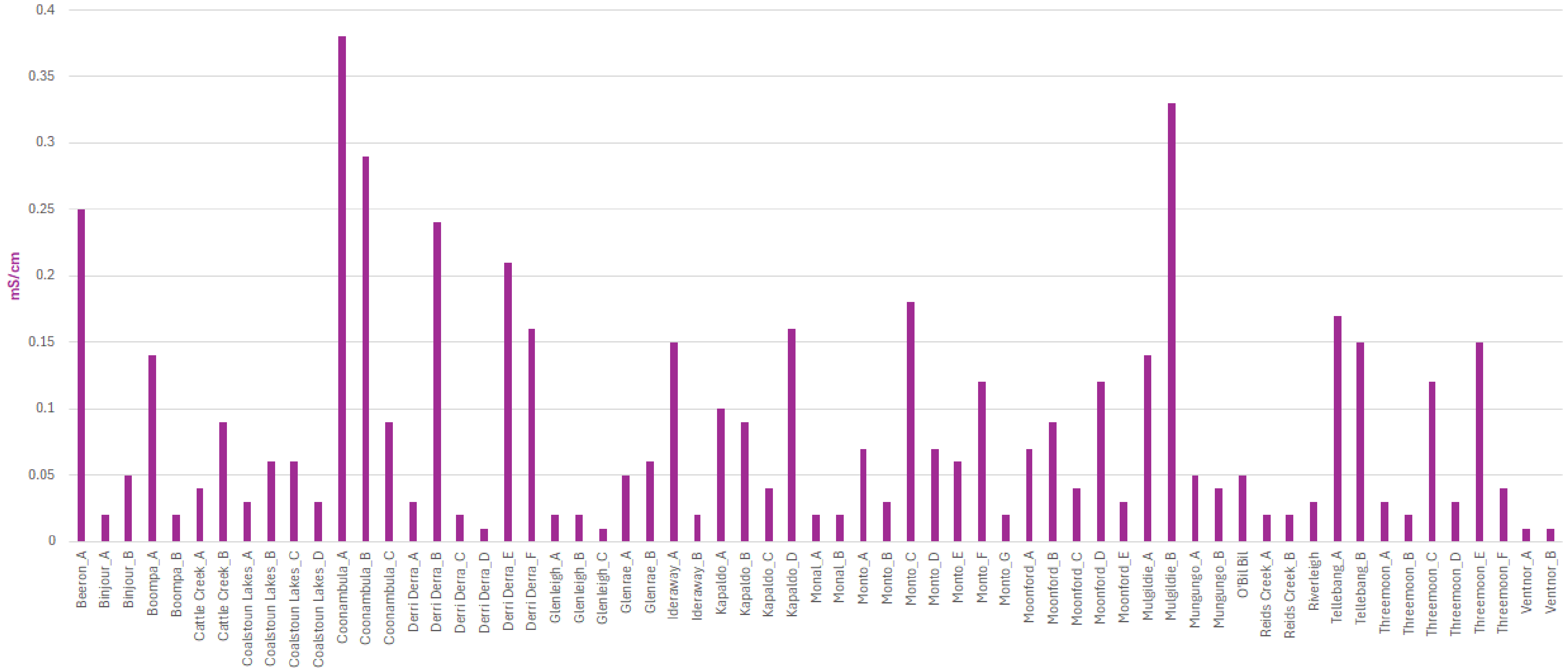
### Soil pH (water1:5) - (10~60cm)



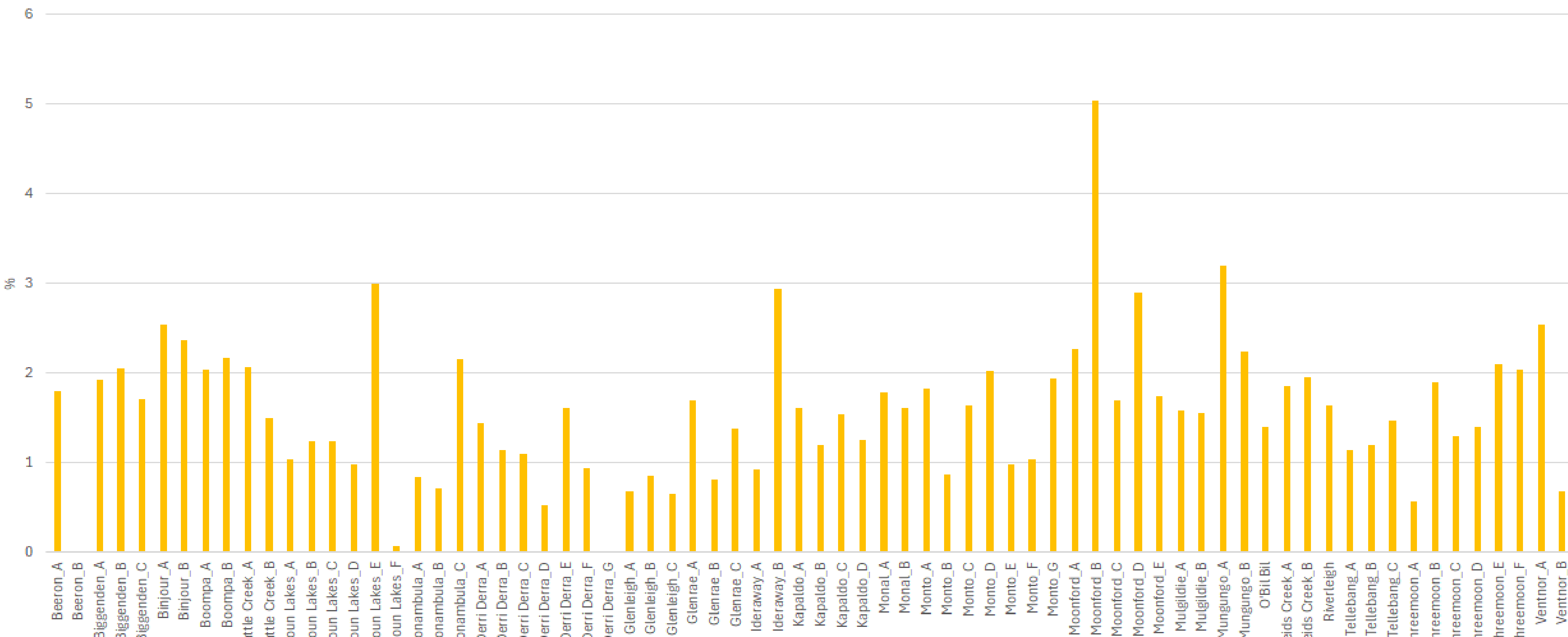
### Electrical Conductivity (mS/cm) - Surface (0-10cm)



### Electrical Conductivity (mS/cm) - (10~60cm)

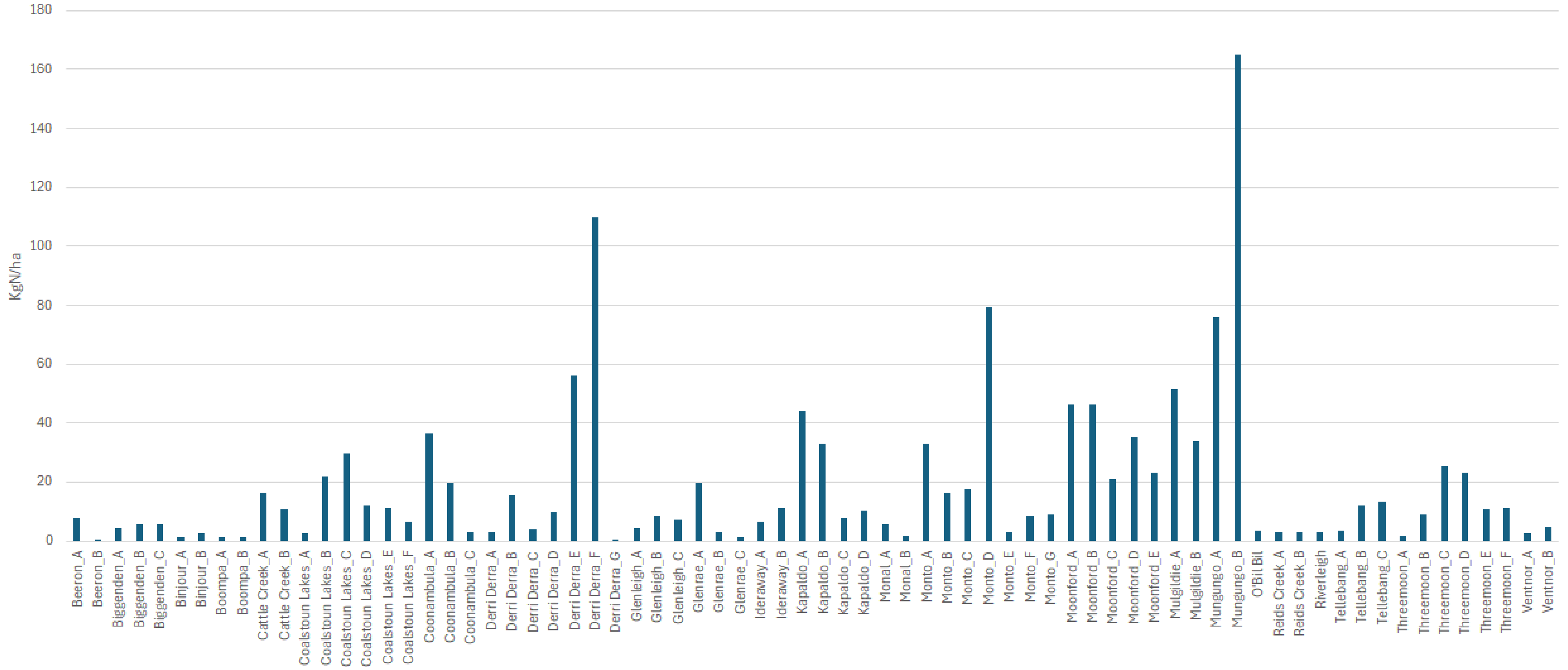


### Organic Carbon %- Surface (0-10cm)

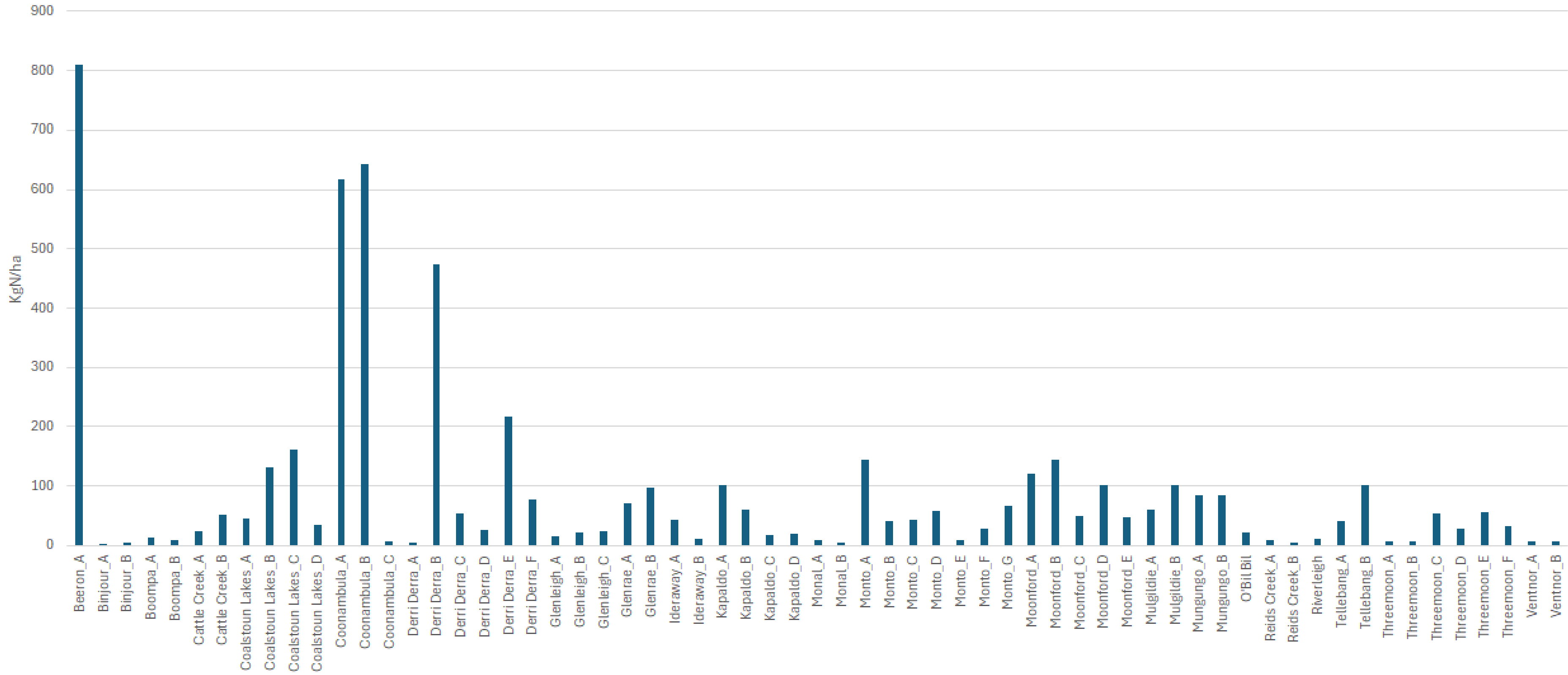




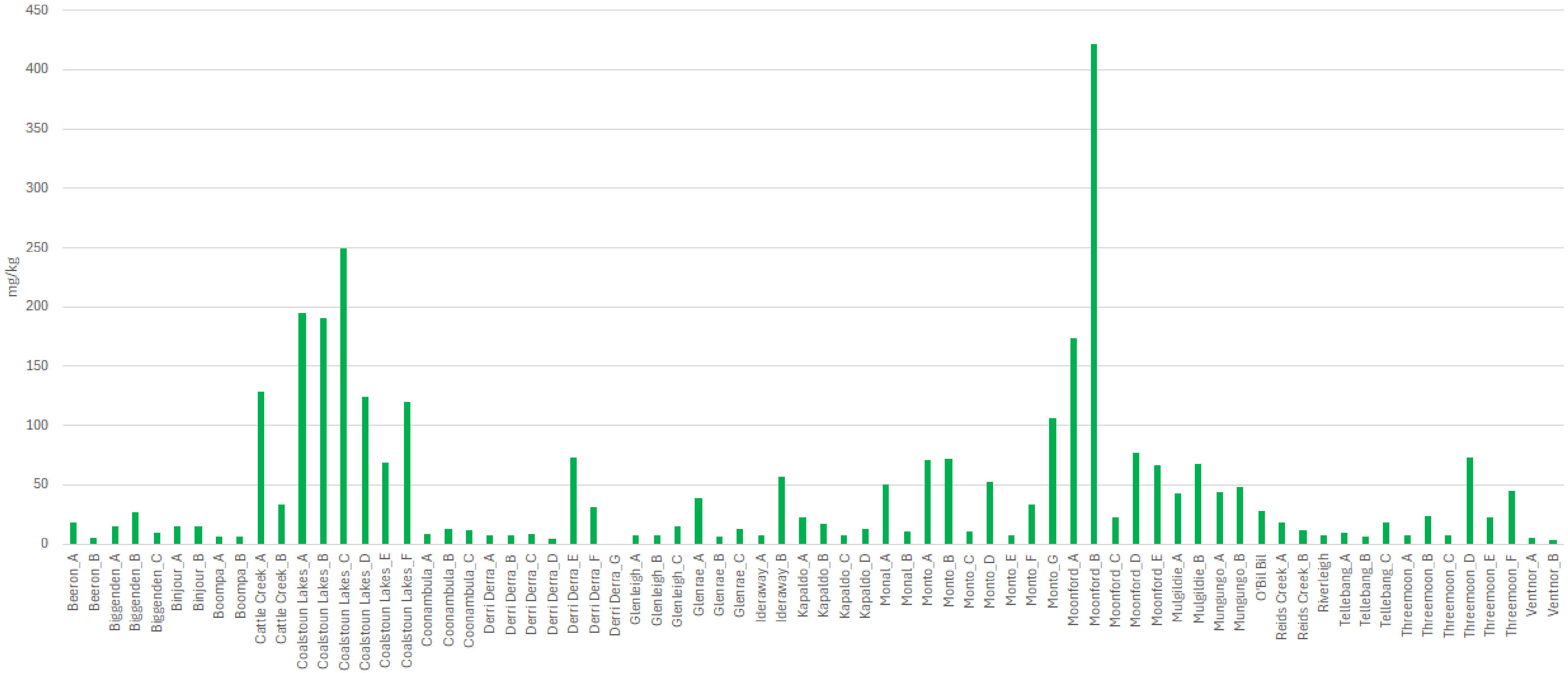
### Nitrate N weighted mean (kgN/ha) - Surface (0-10cm)



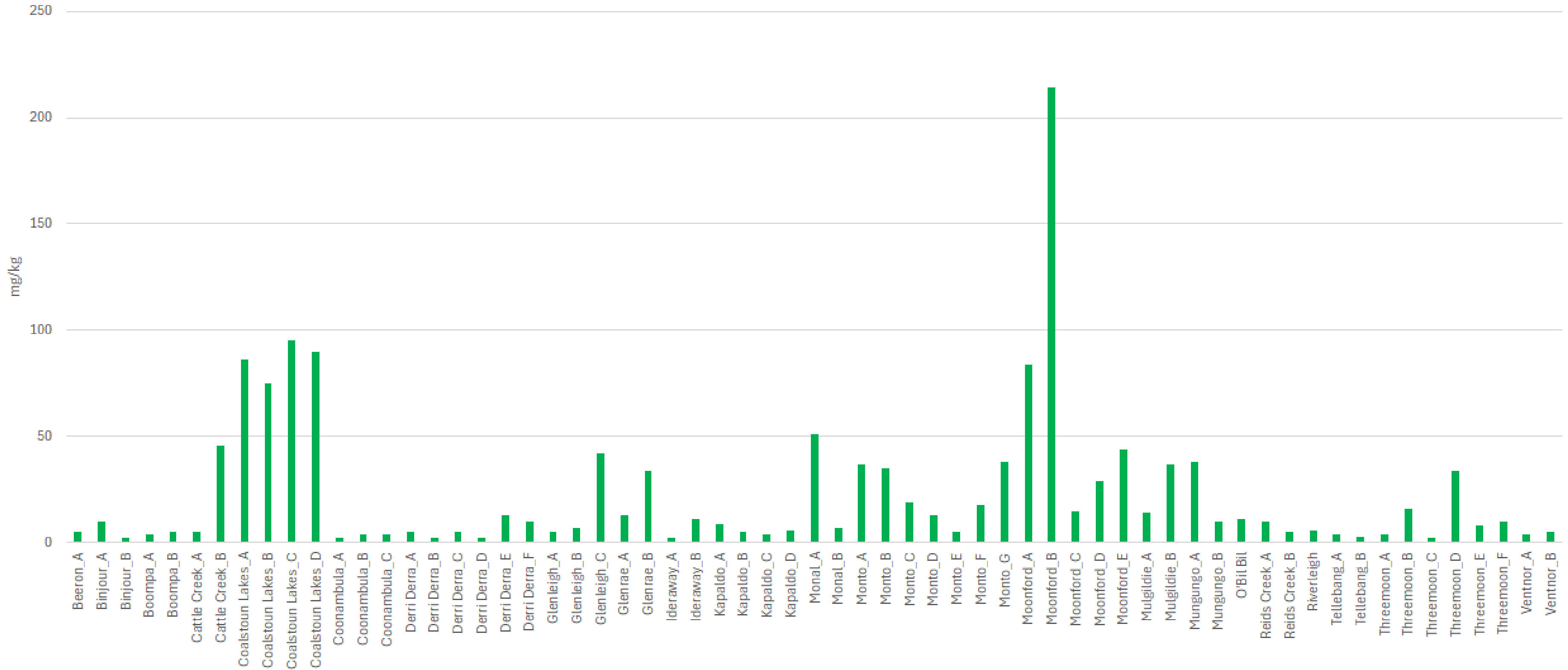
### Nitrate N weighted mean (kgN/ha) - (10-~60cm)



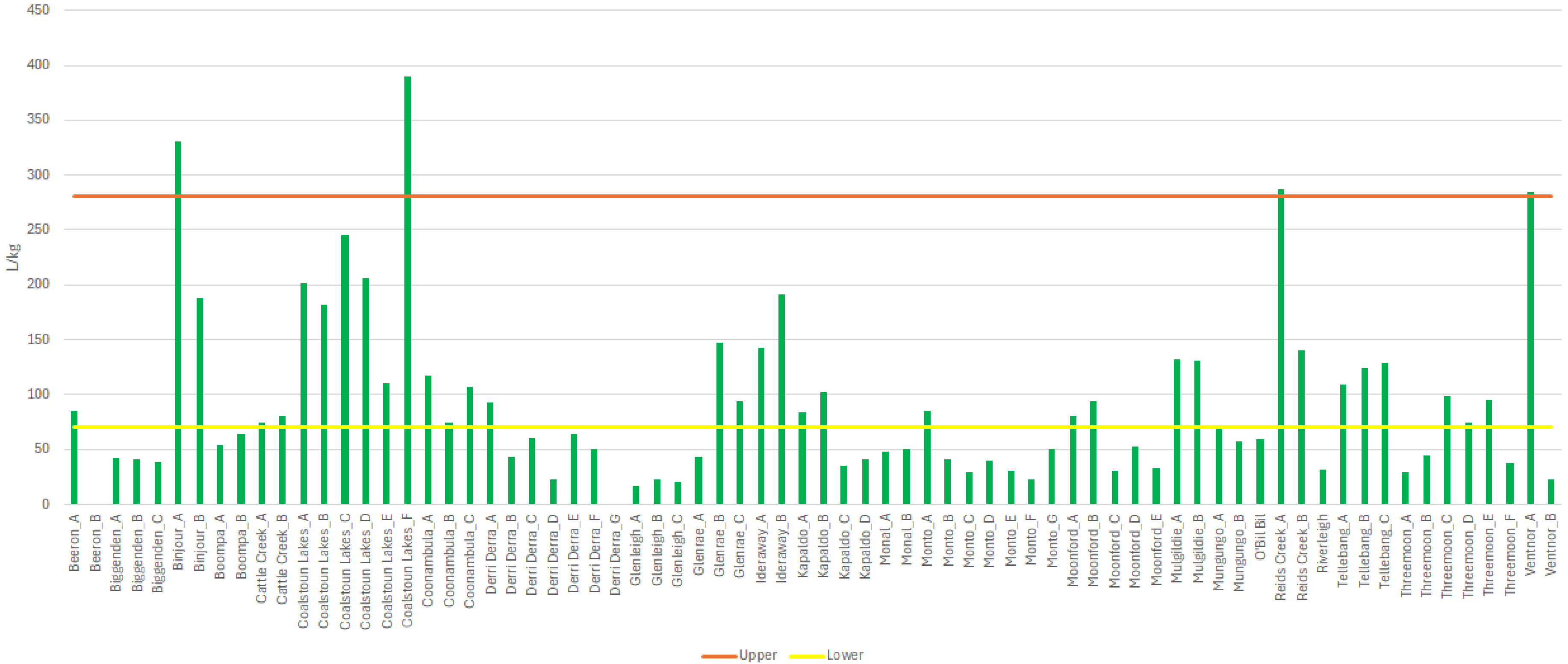
### Phosphorus (Colwell) mg/kg - Surface (0-10cm)



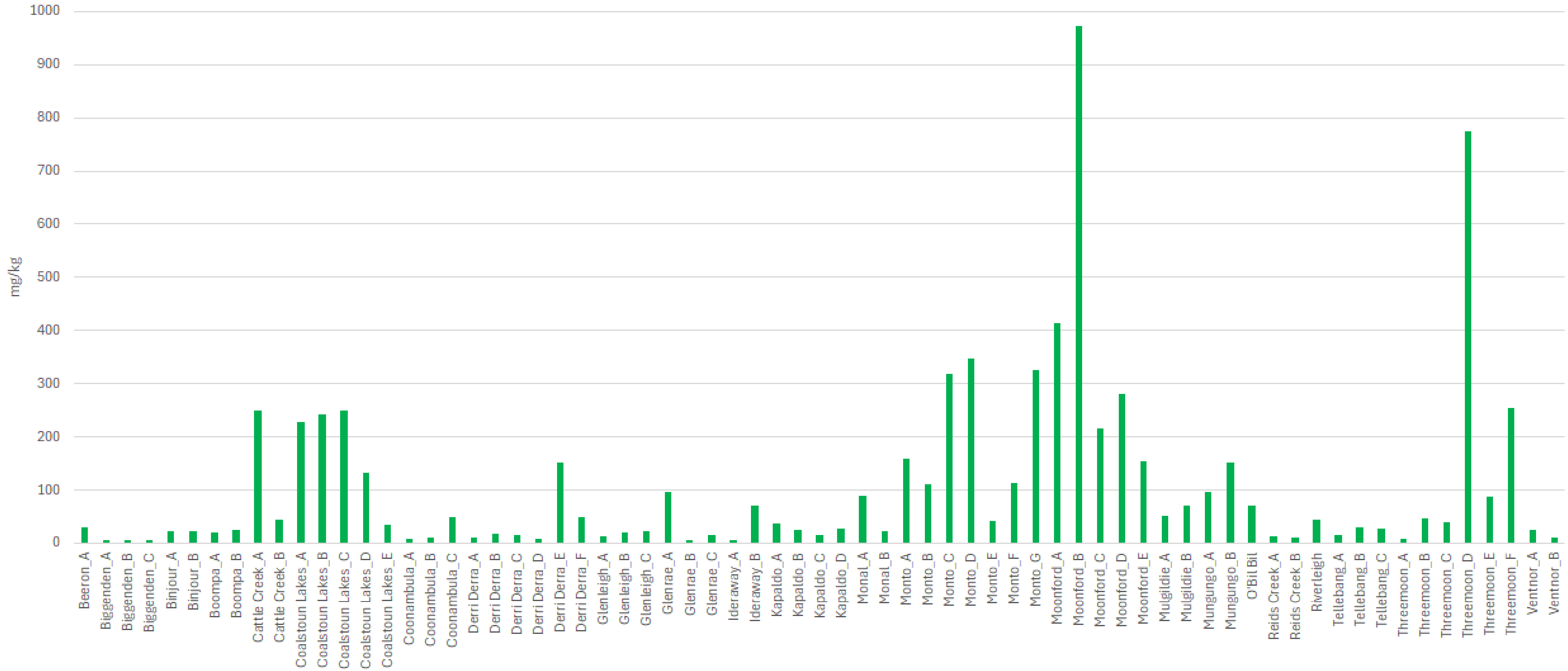
### Phosphorus (Colwell) mg/kg - 10-~60cm



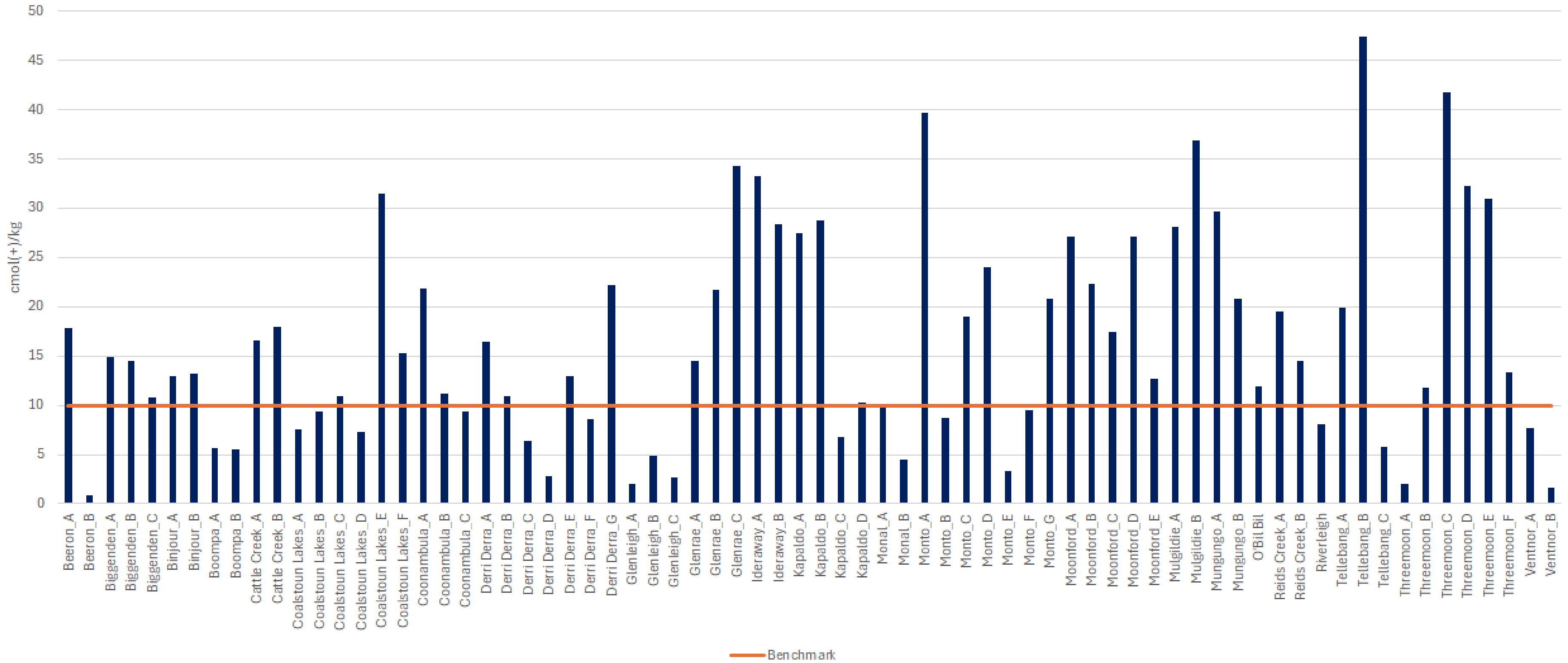
### Phosphorus Buffering Index (PBI) - Surface (0-10cm)



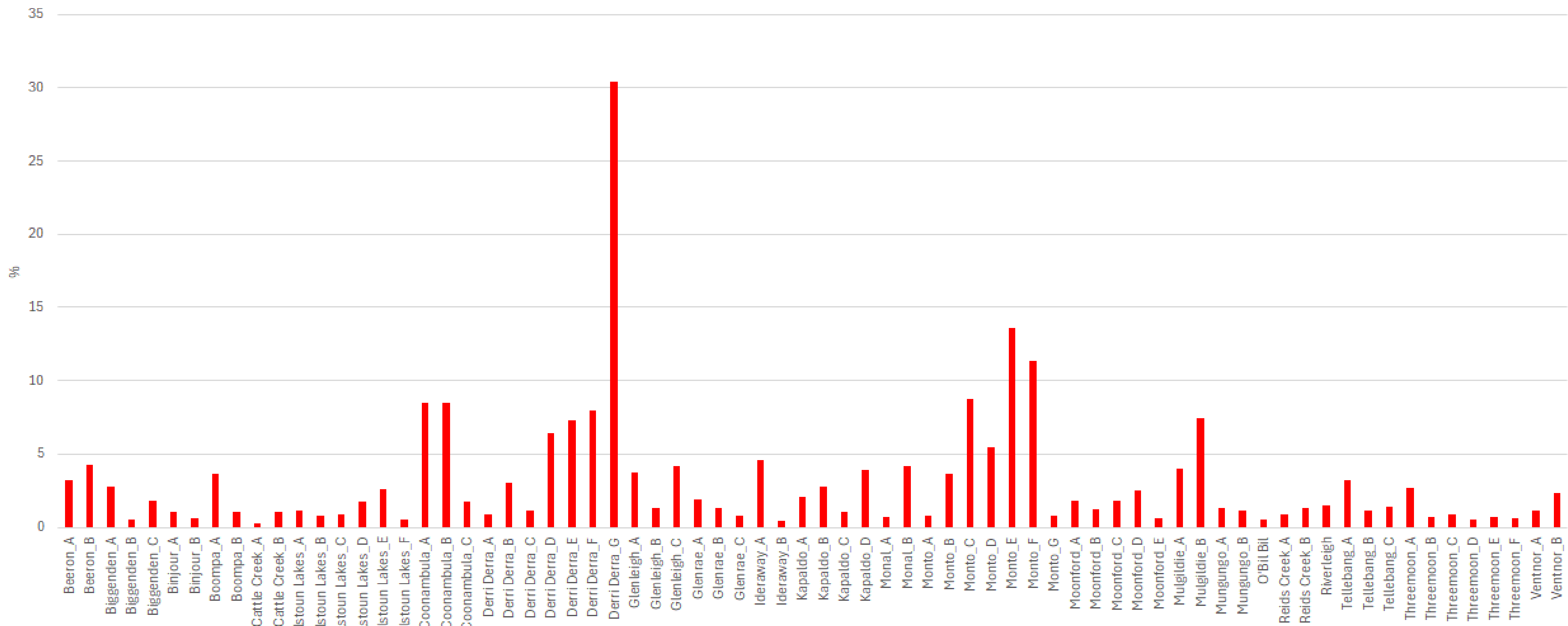
### Phosphorus (BSES) mg/kg - Surface (0-10cm)



### Cation Exchange Capacity (CEC) cmol(+)/kg - Surface (0-10cm)

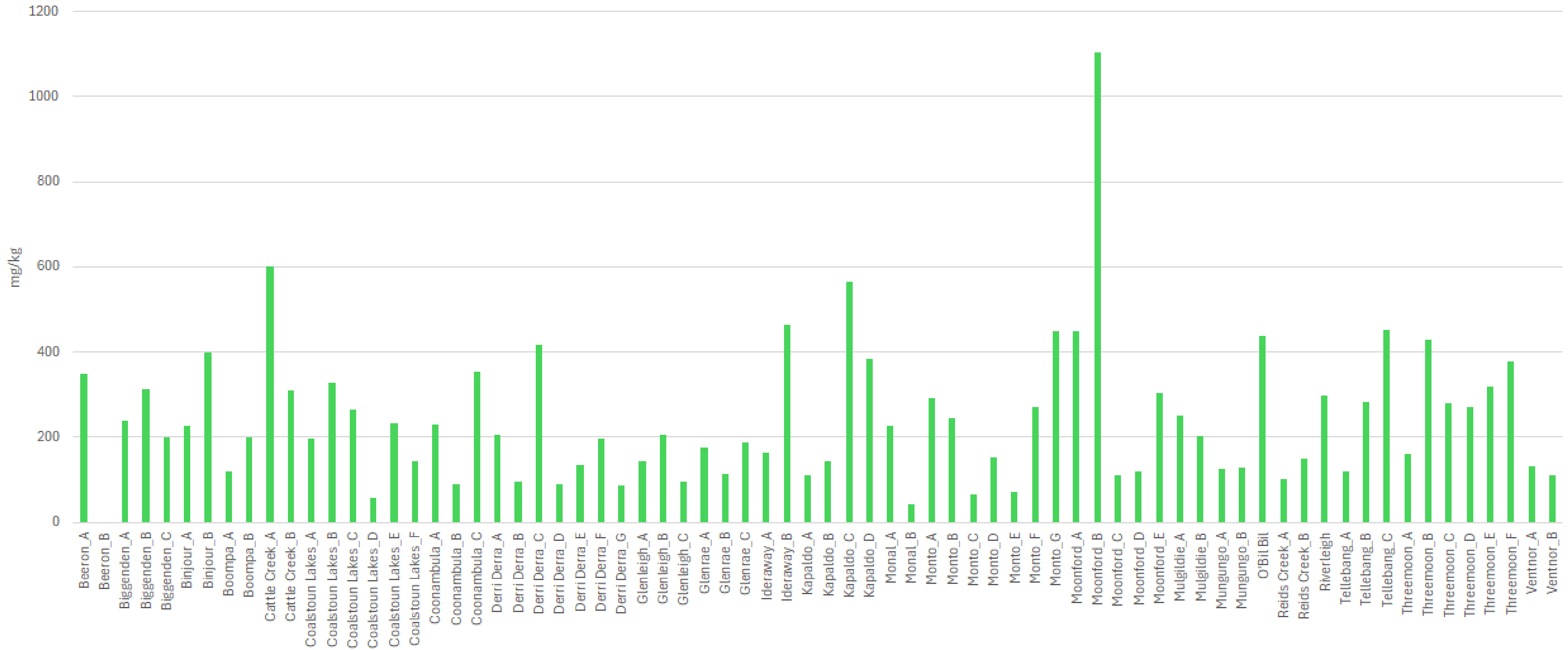


### Sodium %- Surface (0-10cm)

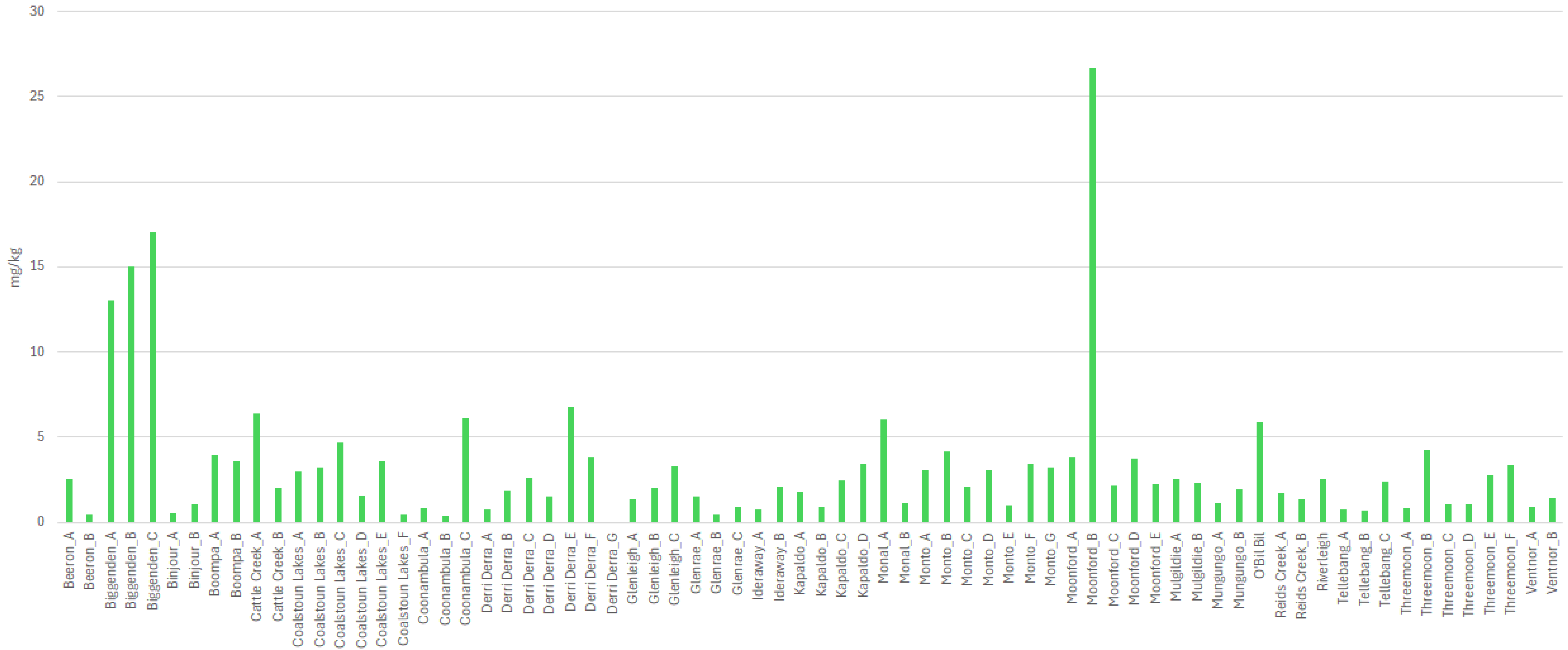




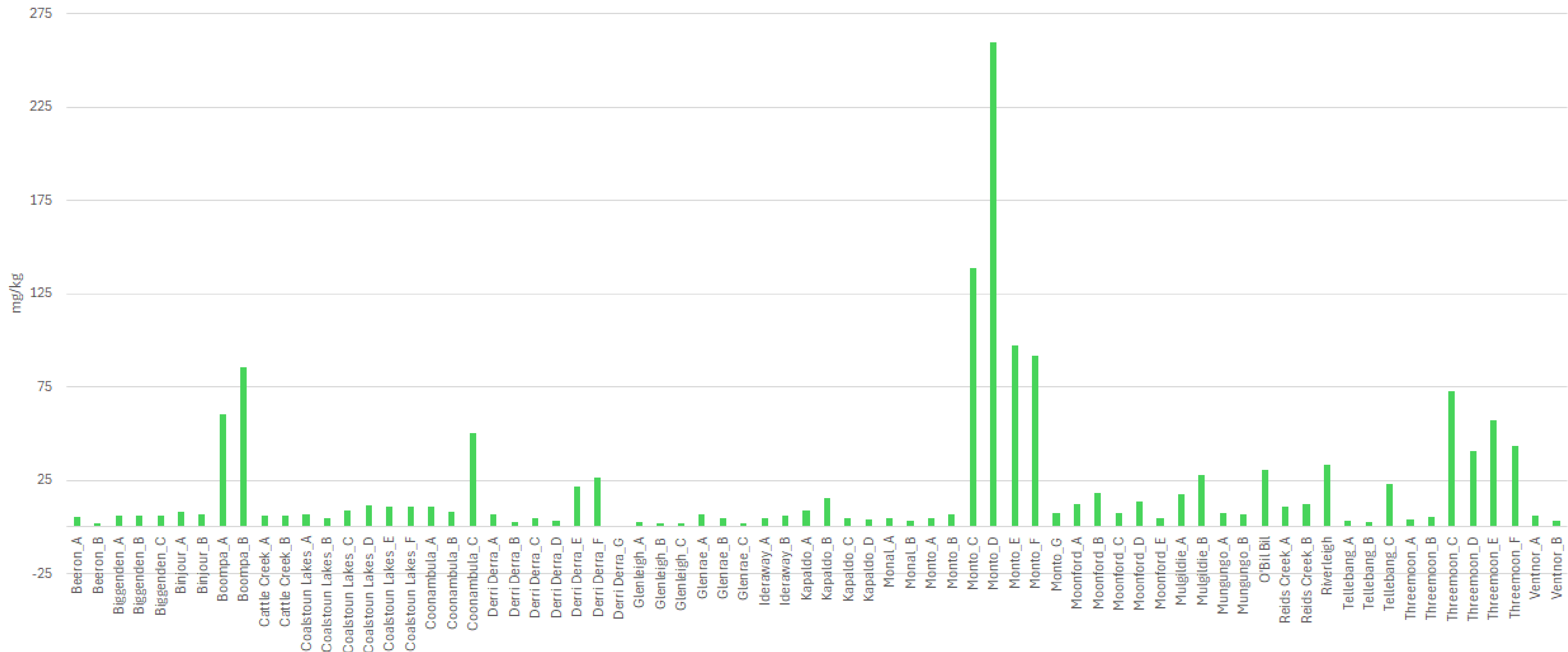
### Potassium (mg/kg)- Surface (0-10cm)



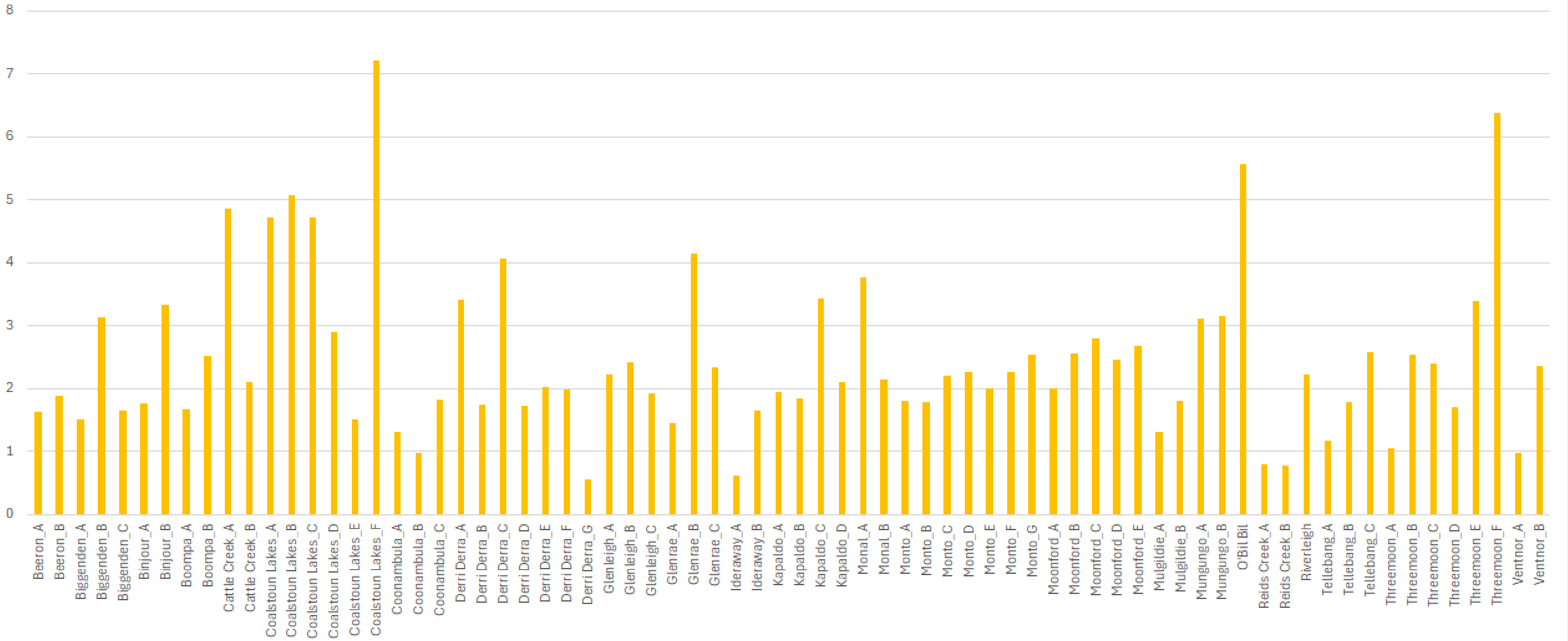
### Soil Zinc (mg/kg)- Surface (0-10cm)



### Sulphur (mg/kg)- Surface (0-10cm)



### Calcium Magnesium Ratio - Surface (0-10cm)



For more information and resources on soil testing:  
**[www.burnettaghub.com.au/land/soils](http://www.burnettaghub.com.au/land/soils)**

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"Invest in a Test" project.

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