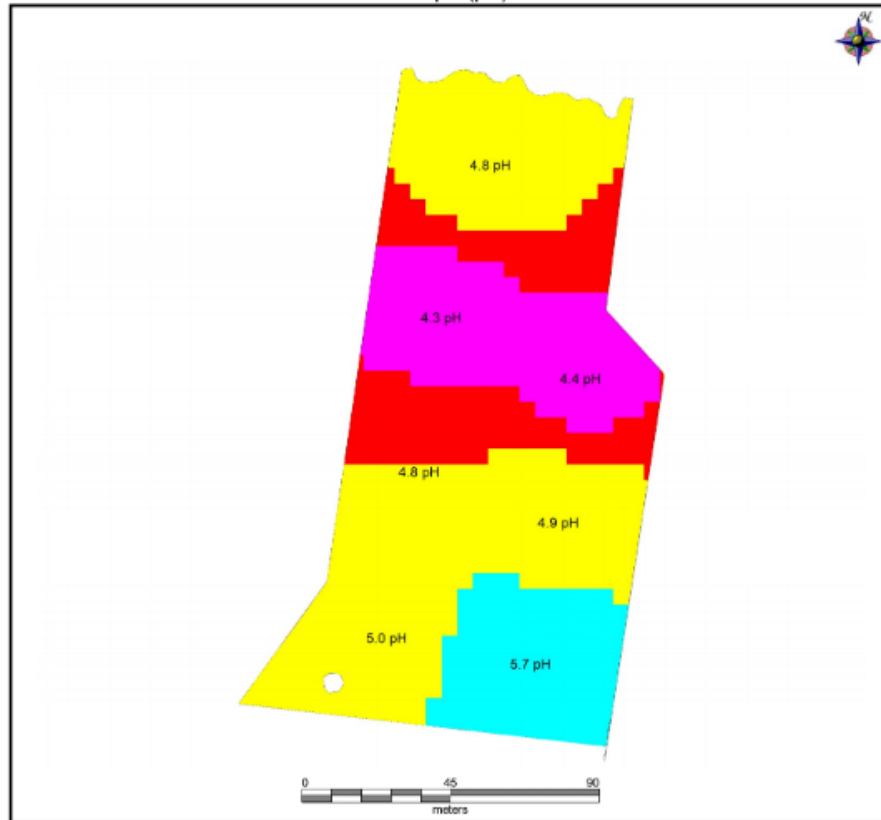
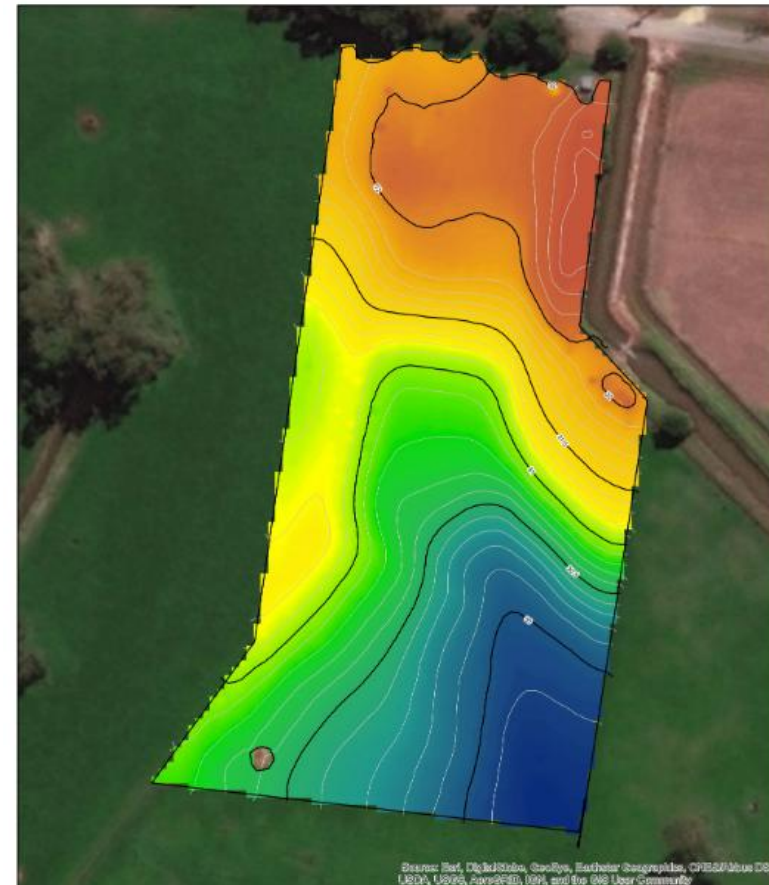


6: Soil Test  
Soil pH (pH)



precision  
agriculture |  
THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa	Above 5.7 pH	0.00 ha
Farm: Macalister	5.2 - 5.7 pH	0.27 ha
Paddock: 6	4.8 - 5.1 pH	0.92 ha
Name: 6 - 2018 Soil Sampling	4.5 - 4.7 pH	0.34 ha
Type: Soil Test	4.3 - 4.4 pH	0.36 ha
Date: 7/11/2018		
Min: 4.3 pH		
Max: 5.7 pH		
Avg: 4.8 pH		



**Legend**

6 DEM

Contours (0.1m) Elevation (m)

— 0.5m High : 32.5

— 0.1m Low : 29.8

Source: Prof. DigbyStubb, Geofly, Bathurst Geographics, CPRE/Abus DS, LAGD, UQAG, AGRARAD, DGM, and the GIS User Community

**Macalister Demonstration Farm**  
**EM38 & Elevation Mapping**

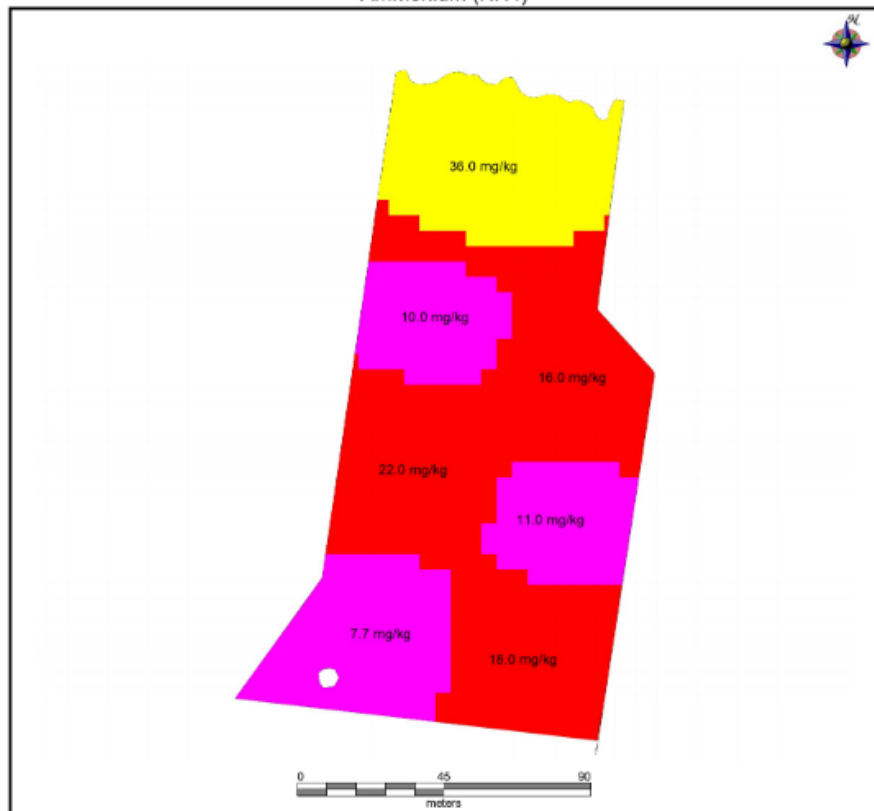
Date Prepared: 30/11/2018  
Projection & Datum: GDA 1984 - MGA 55  
Copyright: Precision Agriculture Pty Ltd 2018  
File Reference: 2018\_Macalister\_EM38\_GU1143

precision  
agriculture |

Prepared by: www.precisionagriculture.com.au  
Email: info@precisionagriculture.com.au  
Phone: 1800 PRECISION

While every care is taken to ensure the accuracy of the data, Precision Agriculture Pty Ltd makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damages) and costs which you may incur as a result of this data being inaccurate in any way or for any reason.

6: Soil Test  
Ammonium (NH4)

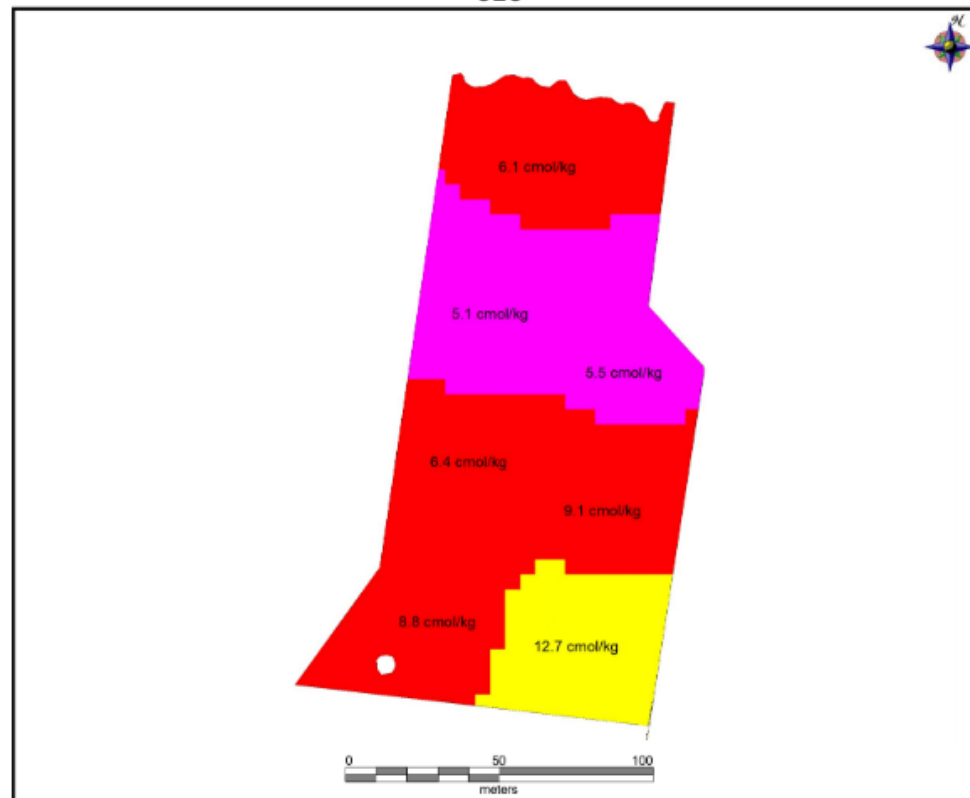


precision  
agriculture

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa	Above 51.9 mg/kg	0.00 ha
Farm: Macalister	39.0 - 51.9 mg/kg	0.00 ha
Paddock: 6	26.0 - 38.9 mg/kg	0.36 ha
Name: 6 - 2018 Soil Sampling	13.0 - 25.9 mg/kg	0.92 ha
Type: Soil Test	7.7 - 12.9 mg/kg	0.60 ha
Date: 7/11/2018		
Min: 7.7 mg/kg		
Max: 36.0 mg/kg		
Avg: 17.2 mg/kg		

6: Soil Test  
CEC

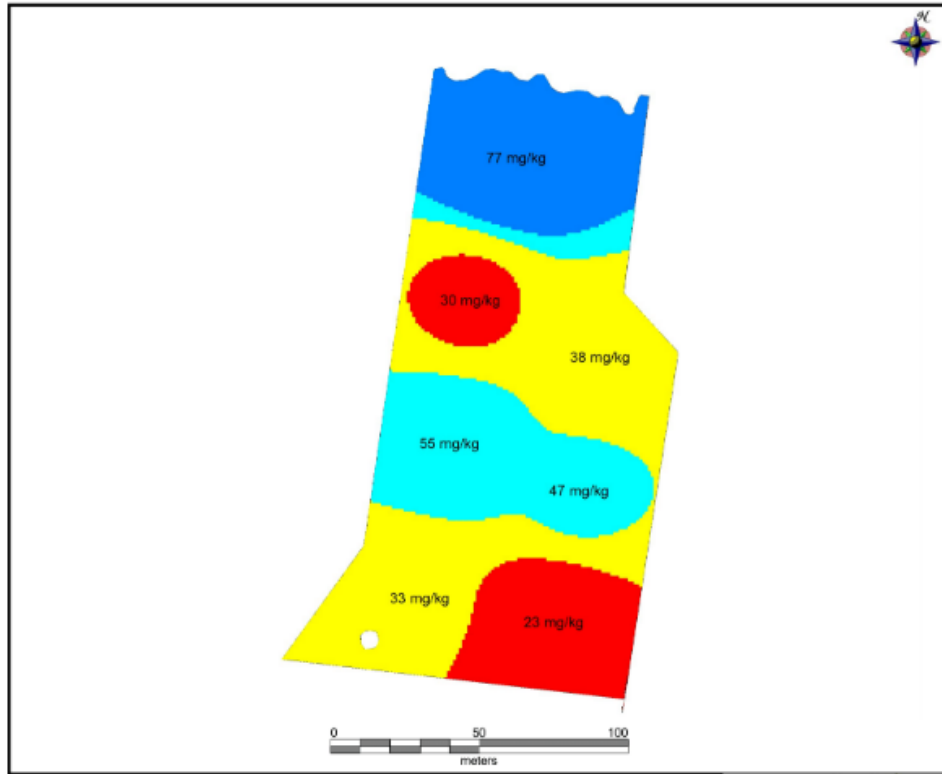


precision  
agriculture

THE FUTURE OF FARMING IS HERE






Client: Macalister Demonstration Fa	Above 17.9 cmol/kg	0.00 ha
Farm: Macalister	14.0 - 17.9 cmol/kg	0.00 ha
Paddock: 6	10.0 - 13.9 cmol/kg	0.26 ha
Name: 6 - 2018 Soil Sampling	6.0 - 9.9 cmol/kg	1.09 ha
Type: Soil Test	5.1 - 5.9 cmol/kg	0.53 ha
Date: 7/11/2018		
Min: 5.1 cmol/kg		
Max: 12.7 cmol/kg		
Avg: 7.7 cmol/kg		

6  
Combined Nitrate

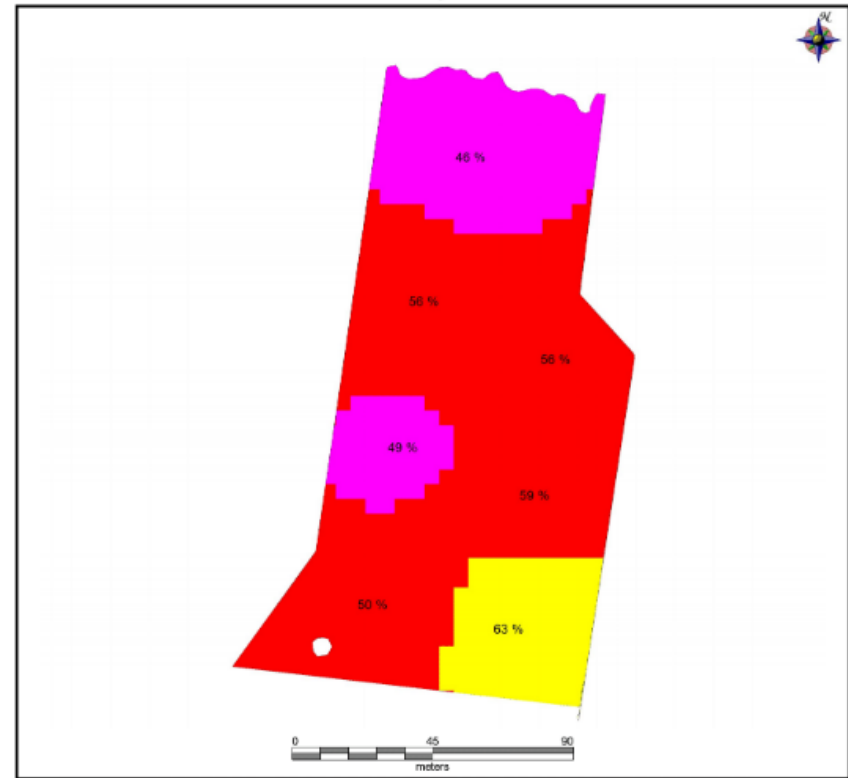


precision  
agriculture

THE FUTURE OF FARMING IS HERE






<b>Client:</b> Macalister Demonstration Fa	<b>60 - 77 mg/kg</b>	0.35 ha	
<b>Farm:</b> Macalister	<b>46 - 59 mg/kg</b>	0.43 ha	
<b>Paddock:</b> 6	<b>32 - 45 mg/kg</b>	0.76 ha	
<b>Name:</b> 6 Combined Nitrate- 2018	<b>18 - 31 mg/kg</b>	0.34 ha	
<b>Date:</b> 29/11/2018	<b>Below 18 mg/kg</b>	0.00 ha	
<b>Min:</b> 23 mg/kg			
<b>Max:</b> 77 mg/kg			
<b>Avg:</b> 43 mg/kg			

6: Soil Test  
Exch Ca %

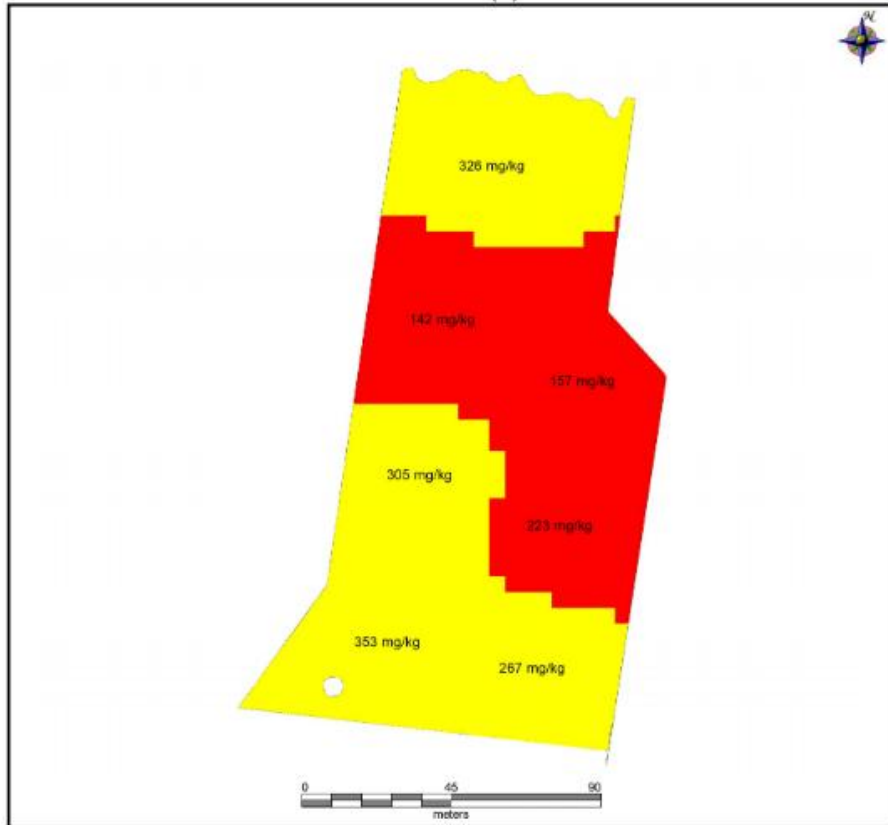


precision  
agriculture

THE FUTURE OF FARMING IS HERE

<b>Client:</b> Macalister Demonstration Fa	<b>Above 79 %</b>	0.00 ha	
<b>Farm:</b> Macalister	<b>70 - 79 %</b>	0.00 ha	
<b>Paddock:</b> 6	<b>60 - 69 %</b>	0.23 ha	
<b>Name:</b> 6 - 2018 Soil Sampling	<b>50 - 59 %</b>	1.17 ha	
<b>Type:</b> Soil Test	<b>46 - 49 %</b>	0.48 ha	
<b>Date:</b> 7/11/2018			
<b>Min:</b> 46 %			
<b>Max:</b> 63 %			
<b>Avg:</b> 54 %			

6: Soil Test  
Potassium (K)



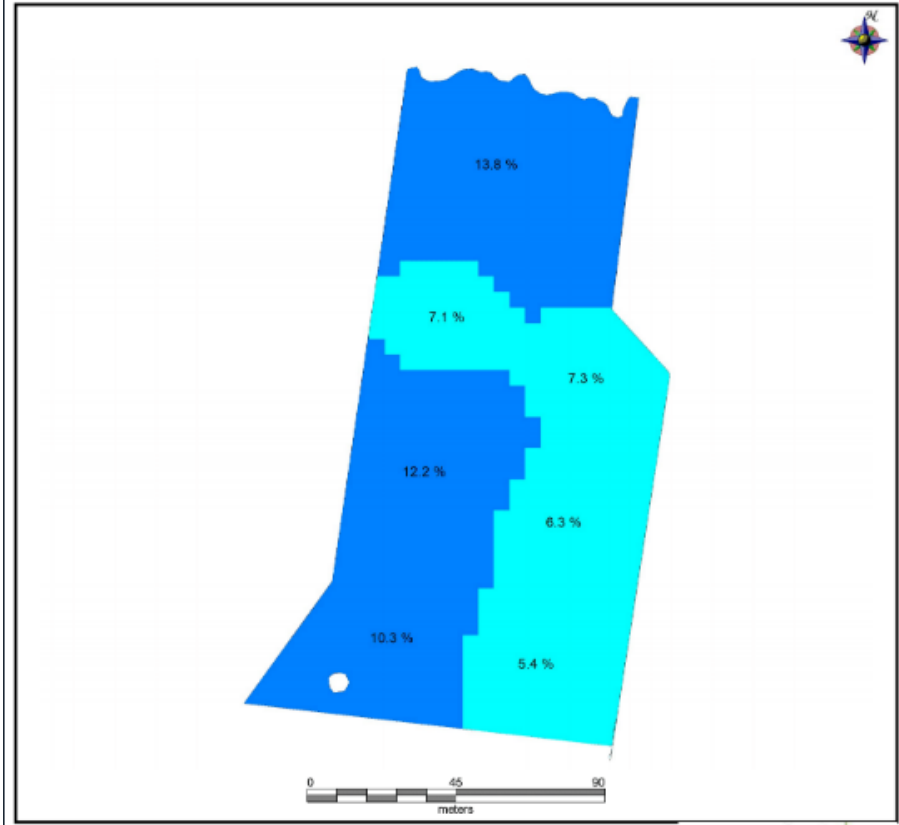
precision  
agriculture

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 6  
Name: 6 - 2018 Soil Sampling  
Type: Soil Test  
Date: 7/11/2018  
Min: 142 mg/kg  
Max: 353 mg/kg  
Avg: 253 mg/kg

Above 649 mg/kg	0.00 ha
400 - 649 mg/kg	0.00 ha
250 - 399 mg/kg	1.12 ha
100 - 249 mg/kg	0.77 ha
Below 100 mg/kg	0.00 ha

6: Soil Test  
Exch K %



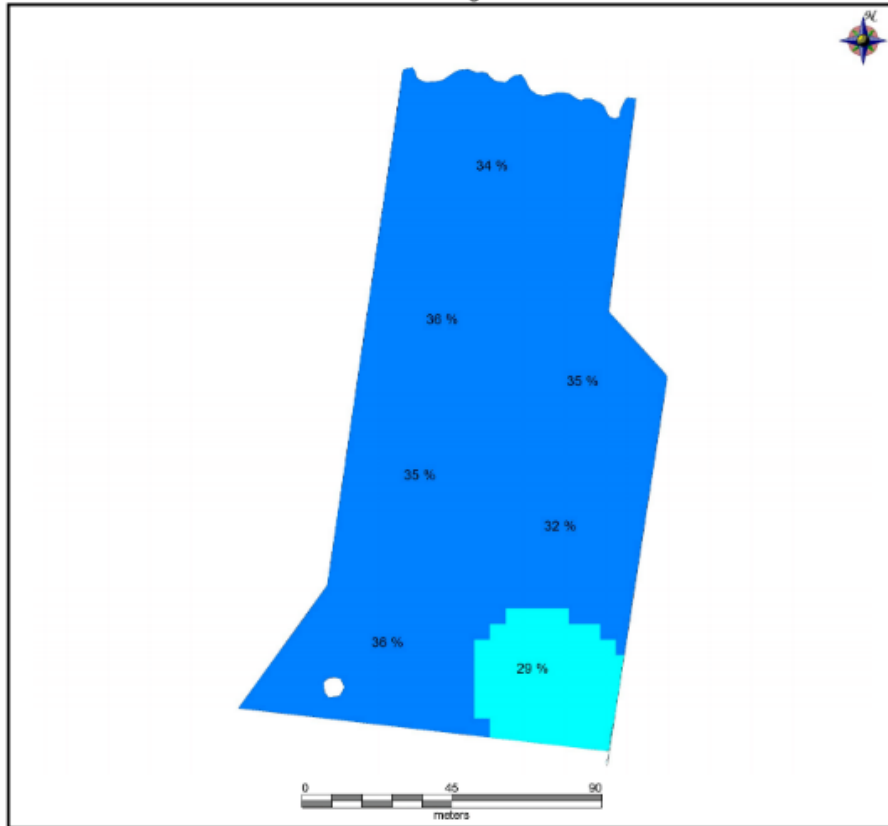
precision  
agriculture

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 6  
Name: 6 - 2018 Soil Sampling  
Type: Soil Test  
Date: 7/11/2018  
Min: 5 %  
Max: 14 %  
Avg: 9 %

8 - 14 %	1.11 ha
5 - 7 %	0.77 ha
3 - 4 %	0.00 ha
1 - 2 %	0.00 ha
Below 1 %	0.00 ha

6: Soil Test  
Exch Mg %

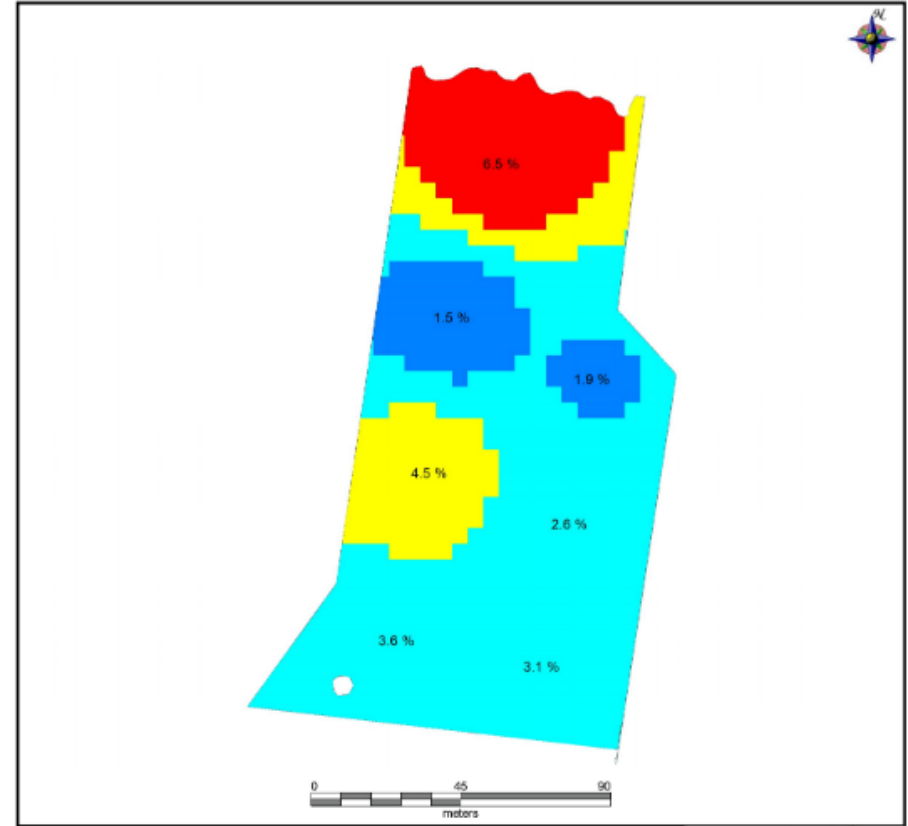


precision  
agriculture

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa	30 - 36 %	1.71 ha
Farm: Macalister	20 - 29 %	0.17 ha
Paddock: 6	10 - 19 %	0.00 ha
Name: 6 - 2018 Soil Sampling	5 - 9 %	0.00 ha
Type: Soil Test	Below 5 %	0.00 ha
Date: 7/11/2018		
Min: 29 %		
Max: 38 %		
Avg: 34 %		

6: Soil Test  
Exch Na %

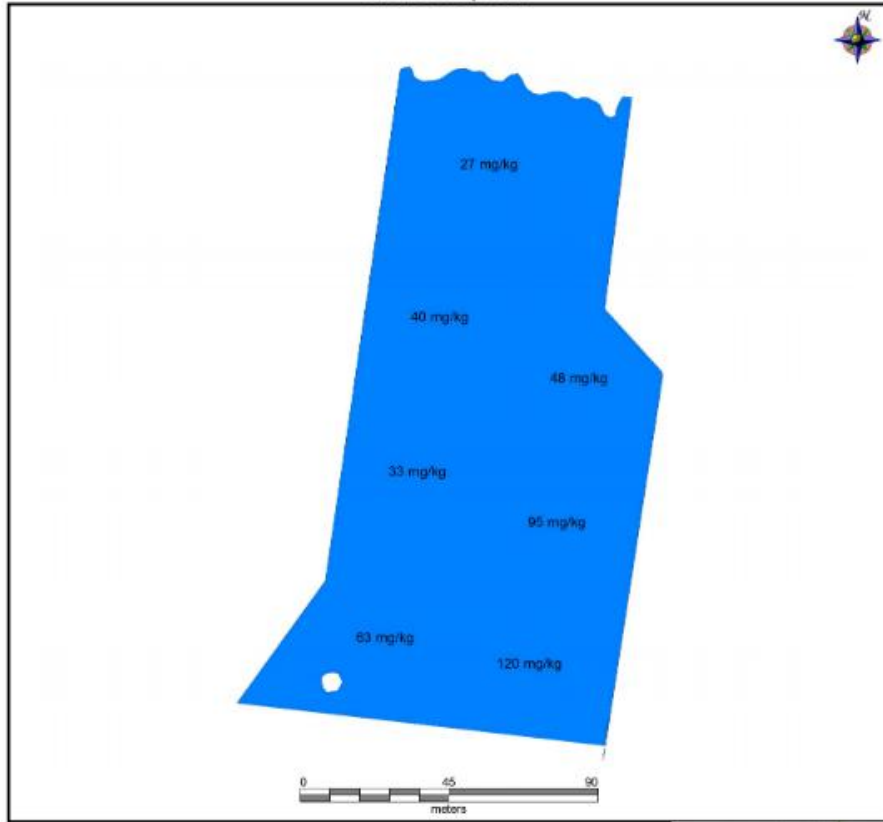


precision  
agriculture

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa	Above 7.9 %	0.00 ha
Farm: Macalister	6.0 - 7.9 %	0.27 ha
Paddock: 6	4.0 - 5.9 %	0.30 ha
Name: 6 - 2018 Soil Sampling	2.0 - 3.9 %	1.10 ha
Type: Soil Test	1.5 - 1.9 %	0.21 ha
Date: 7/11/2018		
Min: 1.5 %		
Max: 6.5 %		
Avg: 3.4 %		

6: Soil Test  
Olsen Phosphorus



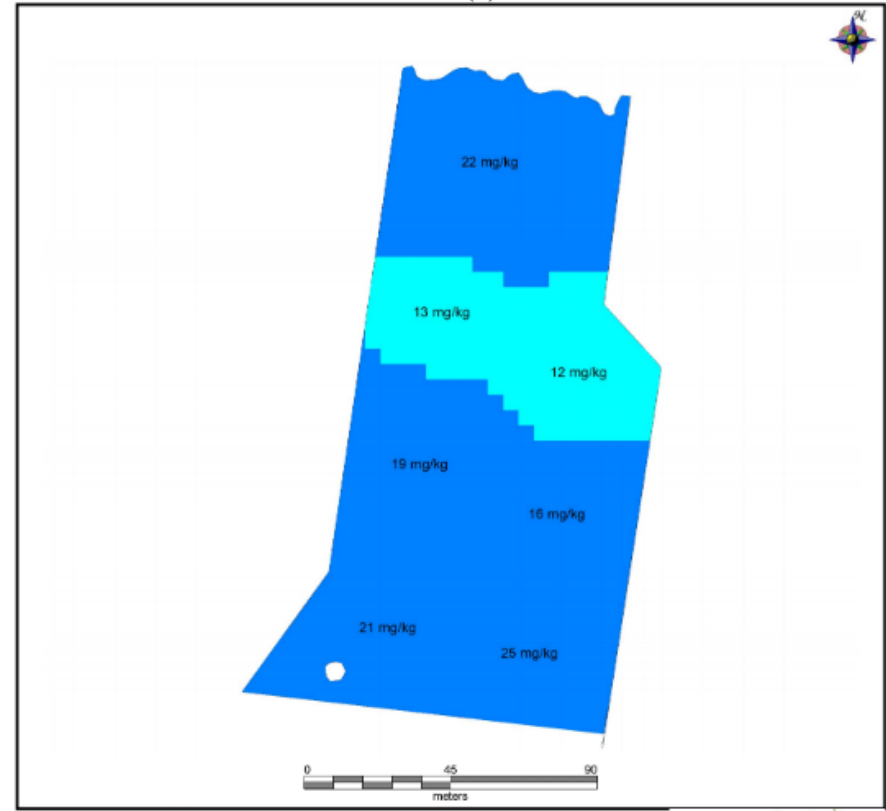
precision  
agriculture!

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 6  
Name: 6 - 2018 Soil Sampling  
Type: Soil Test  
Date: 7/11/2018  
Min: 27 mg/kg  
Max: 120 mg/kg  
Avg: 61 mg/kg

27 - 120 mg/kg	1.88 ha
20 - 26 mg/kg	0.00 ha
14 - 19 mg/kg	0.00 ha
9 - 13 mg/kg	0.00 ha
Below 9 mg/kg	0.00 ha

6: Soil Test  
Sulfur (S)



precision  
agriculture!

THE FUTURE OF FARMING IS HERE

Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 6  
Name: 6 - 2018 Soil Sampling  
Type: Soil Test  
Date: 7/11/2018  
Min: 12.0 mg/kg  
Max: 25.0 mg/kg  
Avg: 18.3 mg/kg

14.0 - 25.0 mg/kg	1.50 ha
10.5 - 13.9 mg/kg	0.39 ha
7.5 - 10.4 mg/kg	0.00 ha
4.5 - 7.4 mg/kg	0.00 ha
Below 4.5 mg/kg	0.00 ha