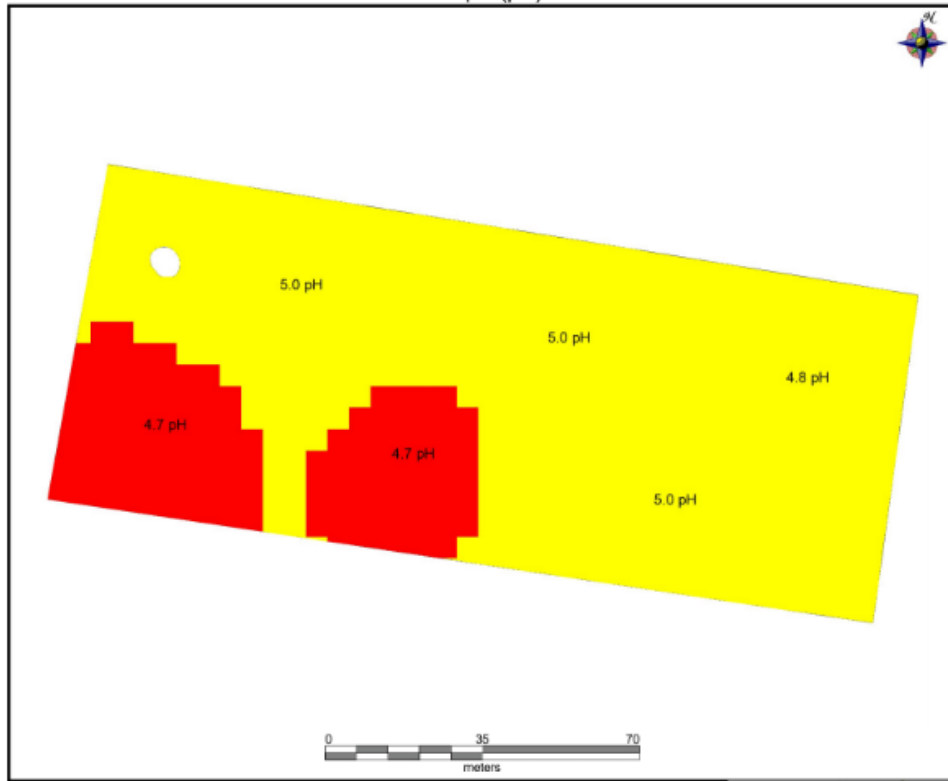


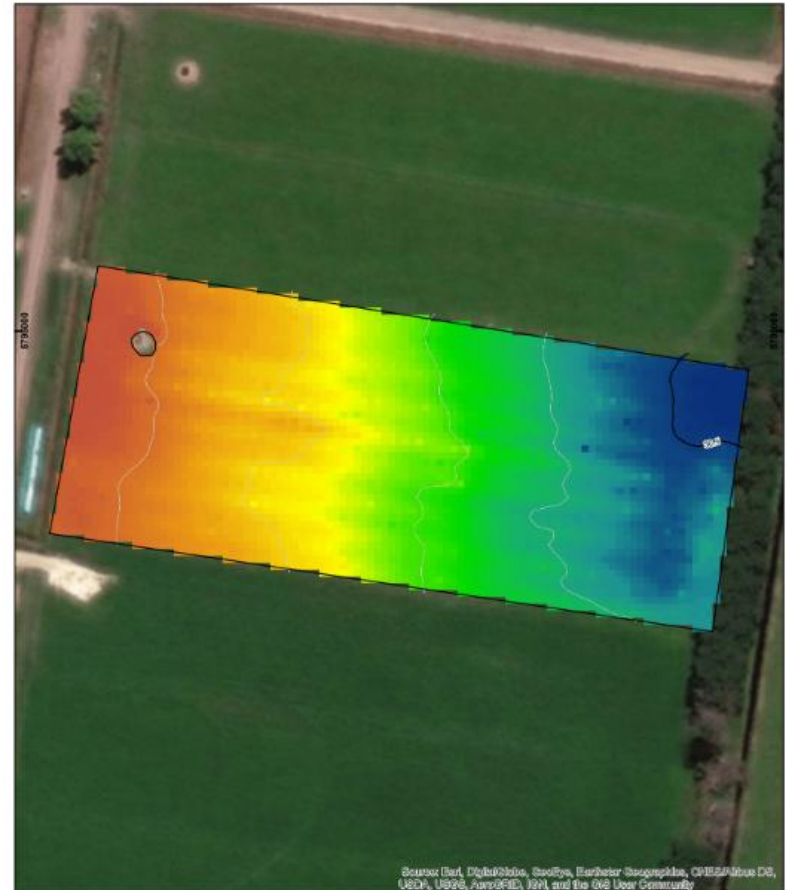
17: Soil Test  
Soil pH (pH)



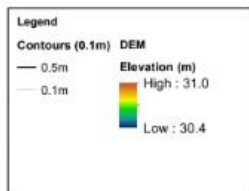
precision  
agricultural

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<b>Client:</b> Macalister Demonstration Fa	Blue	Above 5.7 pH	0.00 ha
<b>Farm:</b> Macalister	Cyan	5.2 - 5.7 pH	0.00 ha
<b>Paddock:</b> 17	Yellow	4.8 - 5.1 pH	1.19 ha
<b>Name:</b> 17- 2018 Soil Sampling	Red	4.5 - 4.7 pH	0.31 ha
<b>Type:</b> Soil Test	Magenta	Below 4.5 pH	0.00 ha
<b>Date:</b> 8/11/2018			
<b>Min:</b> 4.7 pH			
<b>Max:</b> 5.0 pH			
<b>Avg:</b> 4.9 pH			



Source: (aerial, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, and the GIS User Community)



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

Date Prepared: 08/11/2018  
Projection & Datum: GDA 1984 - MGA 55  
Copyright: Precision Agriculture Pty Ltd 2018  
File Reference: 2014\_Macalister\_EM38\_G11143

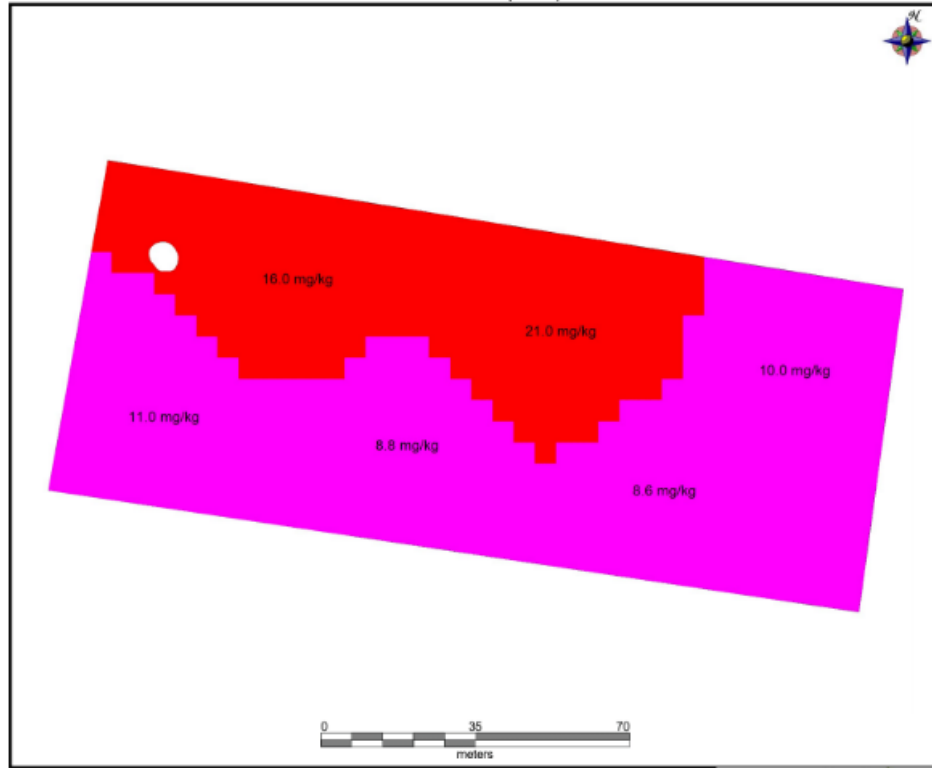
precision  
agricultural

0 5 10 20 30 40  
Meters

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

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17: Soil Test  
Ammonium (NH4)



<b>Client:</b> Macalister Demonstration Fa	<b>Above 51.9 mg/kg</b>	0.00 ha
<b>Farm:</b> Macalister	<b>39.0 - 51.9 mg/kg</b>	0.00 ha
<b>Paddock:</b> 17	<b>26.0 - 38.9 mg/kg</b>	0.00 ha
<b>Name:</b> 17- 2018 Soil Sampling	<b>13.0 - 25.9 mg/kg</b>	0.54 ha
<b>Type:</b> Soil Test	<b>8.6 - 12.9 mg/kg</b>	0.96 ha
<b>Date:</b> 8/11/2018		
<b>Min:</b> 8.6 mg/kg		
<b>Max:</b> 21.0 mg/kg		
<b>Avg:</b> 12.6 mg/kg		

precision  
agriculture

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17: Soil Test  
CEC

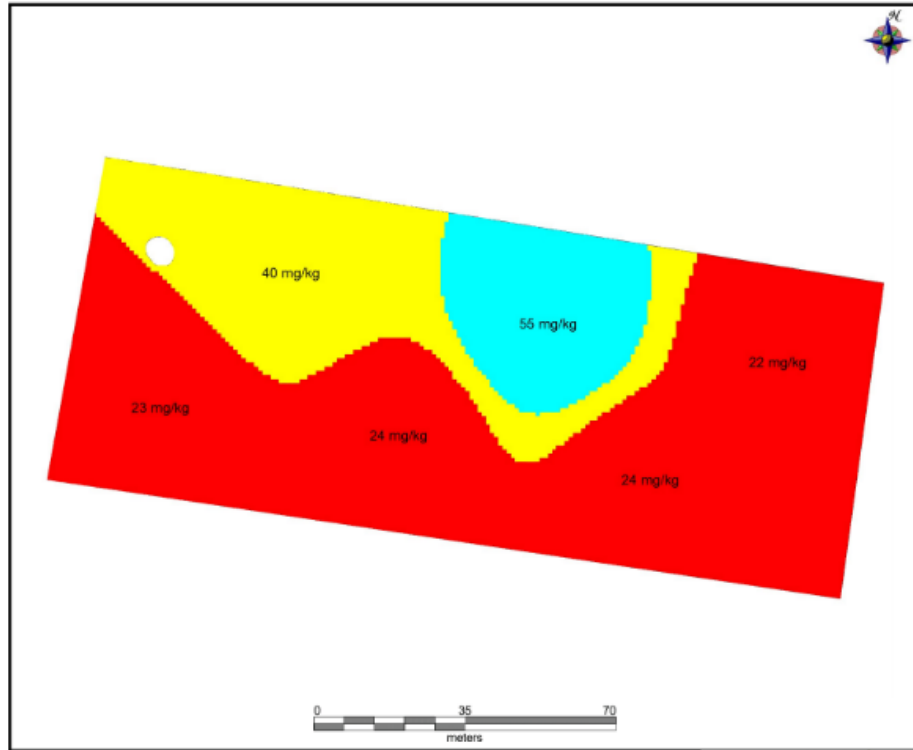


<b>Client:</b> Macalister Demonstration Fa	<b>Above 17.9 cmol/kg</b>	0.00 ha
<b>Farm:</b> Macalister	<b>14.0 - 17.9 cmol/kg</b>	0.00 ha
<b>Paddock:</b> 17	<b>10.0 - 13.9 cmol/kg</b>	0.00 ha
<b>Name:</b> 17- 2018 Soil Sampling	<b>6.0 - 9.9 cmol/kg</b>	1.49 ha
<b>Type:</b> Soil Test	<b>Below 6.0 cmol/kg</b>	0.00 ha
<b>Date:</b> 8/11/2018		
<b>Min:</b> 6.1 cmol/kg		
<b>Max:</b> 7.7 cmol/kg		
<b>Avg:</b> 6.6 cmol/kg		

precision  
agriculture

THE FUTURE OF FARMING IS HERE

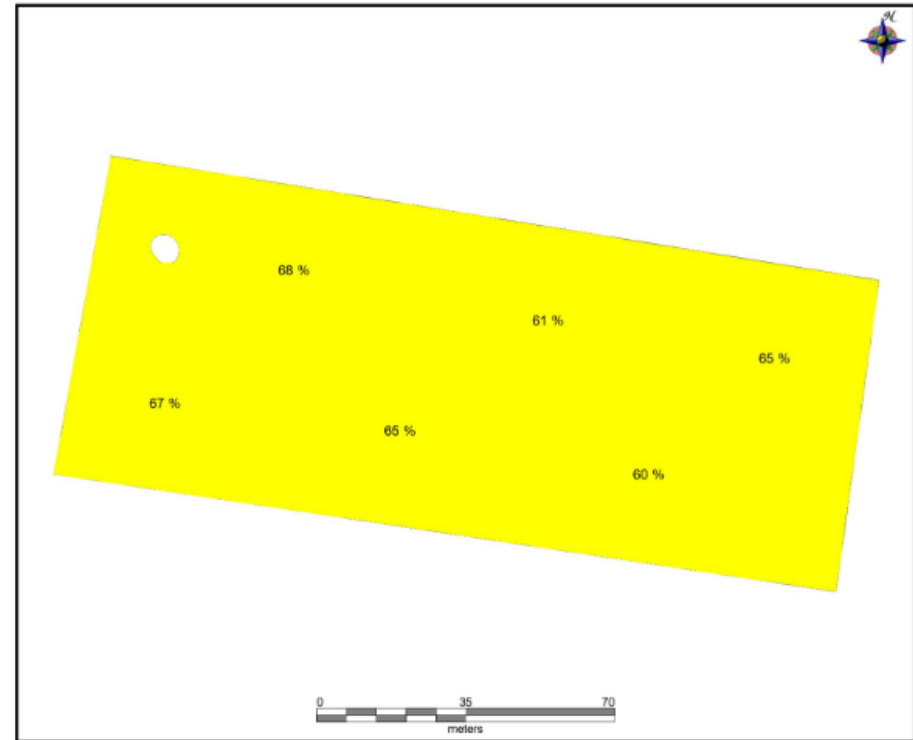
17  
Combined Nitrate



precision  
agriculture  
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<b>Client:</b> Macalister Demonstration Fa	<b>Above 59 mg/kg</b>	0.00 ha	
<b>Farm:</b> Macalister	<b>46 - 59 mg/kg</b>	0.18 ha	
<b>Paddock:</b> 17	<b>32 - 45 mg/kg</b>	0.36 ha	
<b>Name:</b> 17 Combined Nitrate- 2018	<b>18 - 31 mg/kg</b>	0.95 ha	
<b>Date:</b> 29/11/2018	<b>Below 18 mg/kg</b>	0.00 ha	
<b>Min:</b> 22 mg/kg			
<b>Max:</b> 55 mg/kg			
<b>Avg:</b> 31 mg/kg			

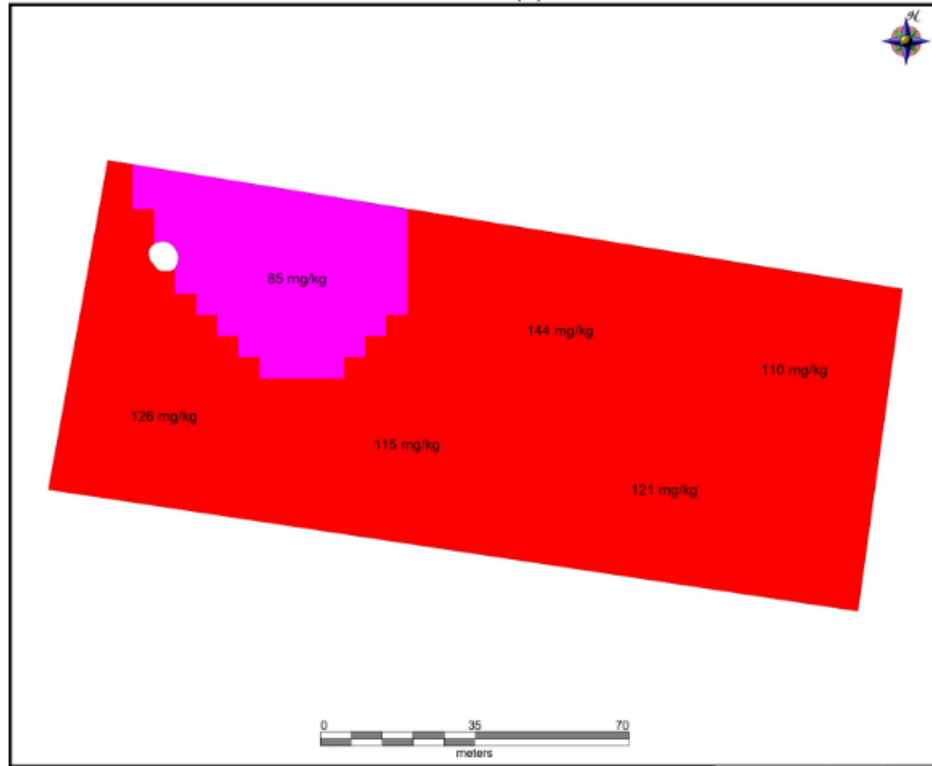
17: Soil Test  
Exch Ca %



precision  
agriculture  
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<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> 17	<b>60 - 69 %</b>	1.49 ha	
<b>Name:</b> 17- 2018 Soil Sampling	<b>50 - 59 %</b>	0.00 ha	
<b>Type:</b> Soil Test	<b>Below 50 %</b>	0.00 ha	
<b>Date:</b> 8/11/2018			
<b>Min:</b> 60 %			
<b>Max:</b> 68 %			
<b>Avg:</b> 64 %			

17: Soil Test  
Potassium (K)



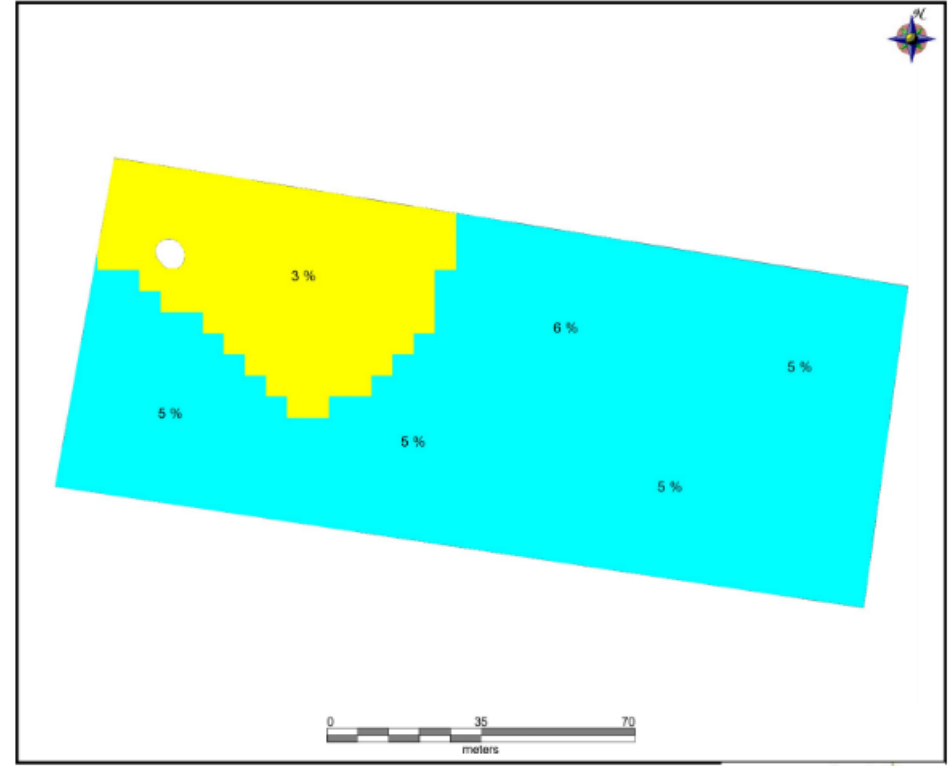
precision  
agriculture

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Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 17  
Name: 17- 2018 Soil Sampling  
Type: Soil Test  
Date: 8/11/2018  
Min: 85 mg/kg  
Max: 144 mg/kg  
Avg: 117 mg/kg

Above 649 mg/kg	0.00 ha
400 - 649 mg/kg	0.00 ha
250 - 399 mg/kg	0.00 ha
100 - 249 mg/kg	1.28 ha
85 - 99 mg/kg	0.22 ha

17: Soil Test  
Exch K %



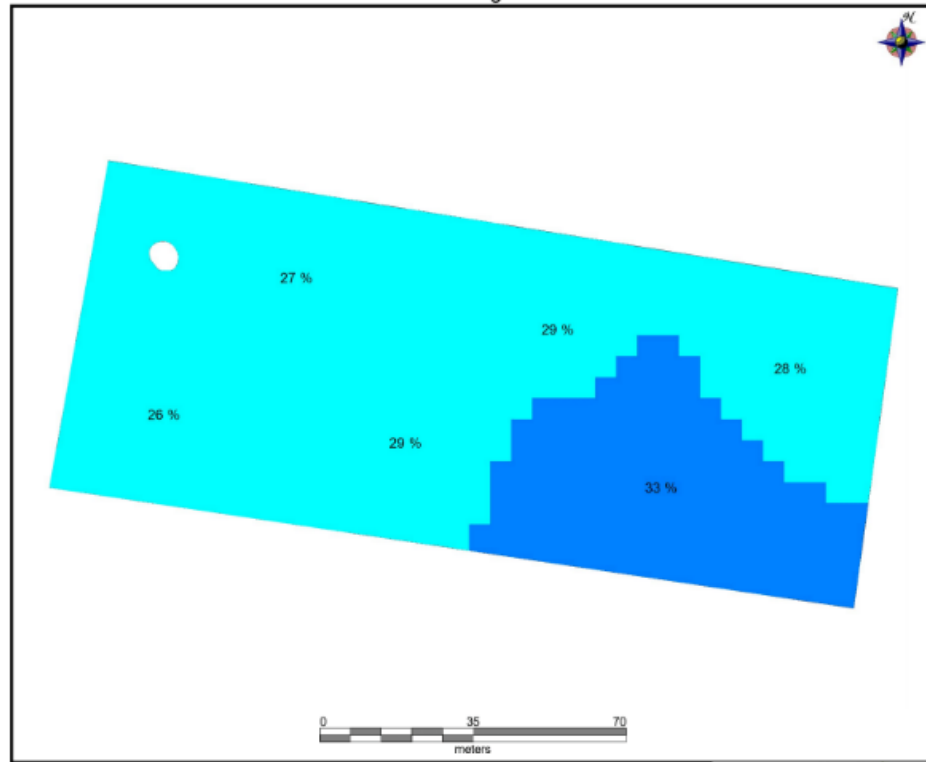
precision  
agriculture

THE FUTURE OF FARMING IS HERE








Client: Macalister Demonstration Fa  
Farm: Macalister  
Paddock: 17  
Name: 17- 2018 Soil Sampling  
Type: Soil Test  
Date: 8/11/2018  
Min: 3 %  
Max: 6 %  
Avg: 5 %

Above 7 %	0.00 ha
5 - 7 %	1.18 ha
3 - 4 %	0.32 ha
1 - 2 %	0.00 ha
Below 1 %	0.00 ha

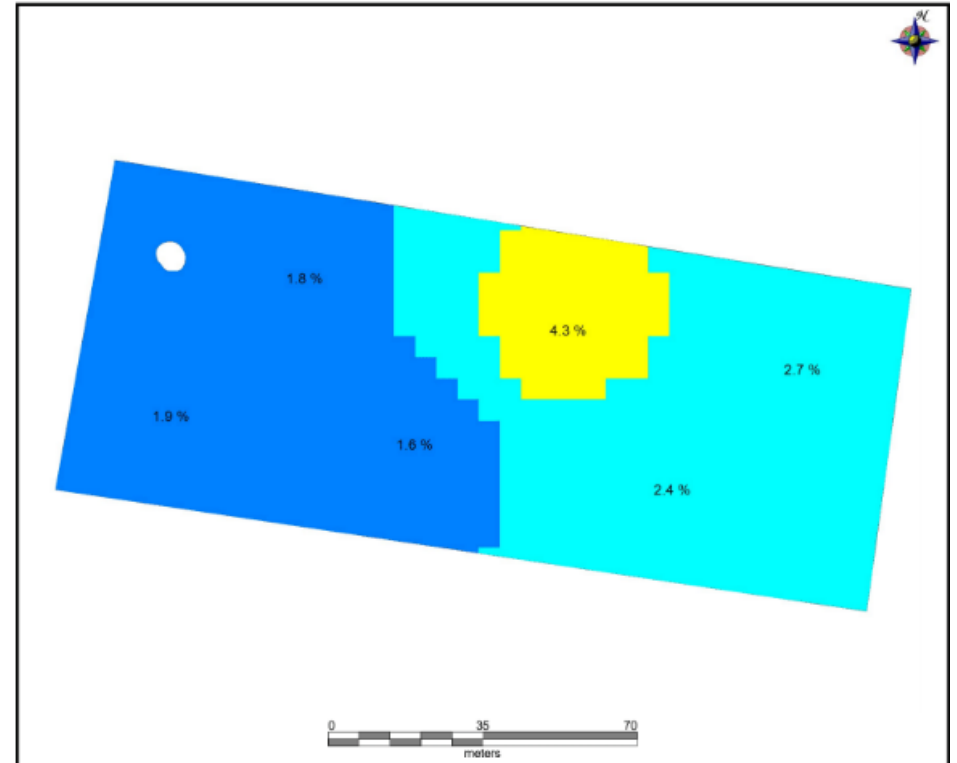
17: Soil Test  
Exch Mg %











precision  
agriculture  
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<b>Client:</b> Macalister Demonstration Fa		30 - 33 %	0.35 ha	
<b>Farm:</b> Macalister		20 - 29 %	1.14 ha	
<b>Paddock:</b> 17		10 - 19 %	0.00 ha	
<b>Name:</b> 17- 2018 Soil Sampling		5 - 9 %	0.00 ha	
<b>Type:</b> Soil Test		Below 5 %	0.00 ha	
<b>Date:</b> 8/11/2018				
<b>Min:</b> 26 %				
<b>Max:</b> 33 %				
<b>Avg:</b> 29 %				

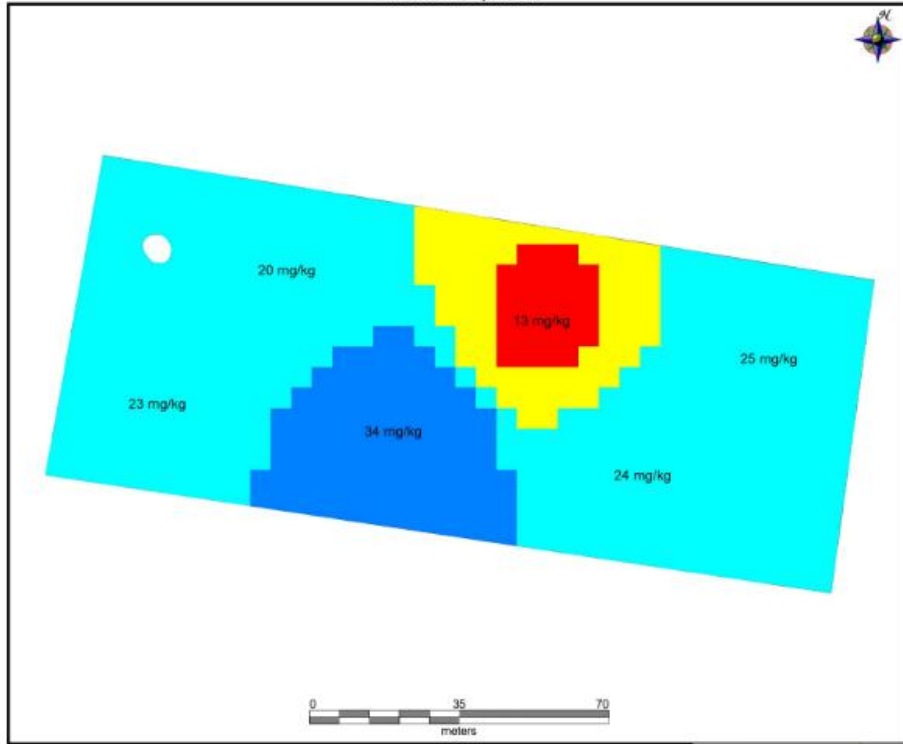
17: Soil Test  
Exch Na %



precision  
agriculture  
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<b>Client:</b> Macalister Demonstration Fa		Above 7.9 %	0.00 ha	
<b>Farm:</b> Macalister		6.0 - 7.9 %	0.00 ha	
<b>Paddock:</b> 17		4.0 - 5.9 %	0.14 ha	
<b>Name:</b> 17- 2018 Soil Sampling		2.0 - 3.9 %	0.67 ha	
<b>Type:</b> Soil Test		1.6 - 1.9 %	0.68 ha	
<b>Date:</b> 8/11/2018				
<b>Min:</b> 1.6 %				
<b>Max:</b> 4.3 %				
<b>Avg:</b> 2.4 %				

17: Soil Test  
Olsen Phosphorus

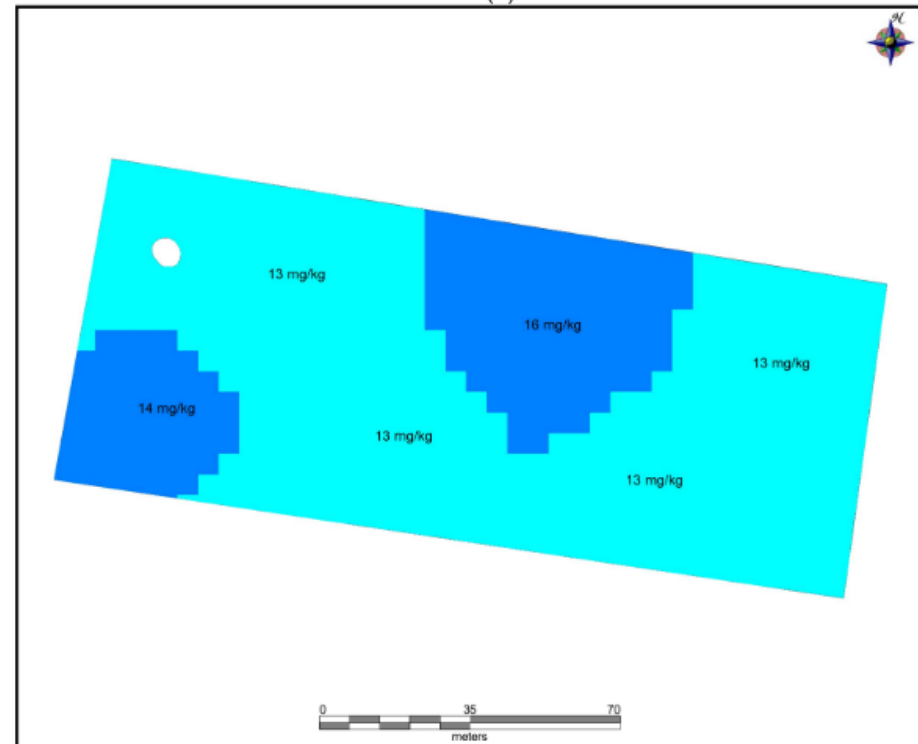


precision  
agriculture

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<b>Client:</b> Macalister Demonstration Fa	<b>27 - 34 mg/kg</b>	0.23 ha	
<b>Farm:</b> Macalister	<b>20 - 26 mg/kg</b>	1.04 ha	
<b>Paddock:</b> 17	<b>14 - 19 mg/kg</b>	0.16 ha	
<b>Name:</b> 17- 2018 Soil Sampling	<b>9 - 13 mg/kg</b>	0.07 ha	
<b>Type:</b> Soil Test	<b>Below 9 mg/kg</b>	0.00 ha	
<b>Date:</b> 8/11/2018			
<b>Min:</b> 13 mg/kg			
<b>Max:</b> 34 mg/kg			
<b>Avg:</b> 23 mg/kg			

17: Soil Test  
Sulfur (S)



precision  
agriculture

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<b>Client:</b> Macalister Demonstration Fa	<b>14.0 - 16.0 mg/kg</b>	0.40 ha	
<b>Farm:</b> Macalister	<b>10.5 - 13.9 mg/kg</b>	1.09 ha	
<b>Paddock:</b> 17	<b>7.5 - 10.4 mg/kg</b>	0.00 ha	
<b>Name:</b> 17 Sulfur	<b>4.5 - 7.4 mg/kg</b>	0.00 ha	
<b>Type:</b> Soil Test	<b>Below 4.5 mg/kg</b>	0.00 ha	
<b>Date:</b> 8/11/2018			
<b>Min:</b> 13.0 mg/kg			
<b>Max:</b> 16.0 mg/kg			
<b>Avg:</b> 13.7 mg/kg			