

**Agent:** Nutrien Ag Solutions - Goulburn  
**Agent Address:** PO Box 182,  
GOULBURN, NSW, 2580  
**Client:** Wingecarribee Shire Council  
**Test Set or Quotation:** EPA2  
**Barcode:** 110919201  
**Batch Number:** 29905  
**Submission ID:** 94607

**Report Date:** 23/05/2022  
**Sampling Date:** 05/05/2022  
**Date Received:** 13/05/2022  
**Sample Name:** Elva Front Paddock  
**Crop:** Cereal  
**Sample Depth:** 0-10  
**GPS Start:** NA  
**GPS End:** NA

		Unit	Desired Level	Level Found	c.mol/kg	Very Low	Low	Acceptable	High	Excessive
	Organic Carbon (W&B)	% (40°C)	0.900-2.00	4.31						
	pH 1:5 water	pH units	6.50-7.50	6.32						
	pH CaCl2 (following 4A1)	pH units	5.50-6.50	5.46						
	Dumas Total Nitrogen	% dry wt		0.37						
Salt	Salinity EC 1:5	dS/m	0.025-0.60	0.088						
	ECse	dS/m	0.10-6.0	0.45						
Total Elements	Total Phosphorus	mg/kg		453						
	Total Calcium	mg/kg		2010						
	Total Magnesium	mg/kg		561						
	Total Potassium	mg/kg		1060						
Water soluble nutrients	Water sol. Calcium	mg/kg		23						
	Water Sol. calcium	mg/L		4.60						
	Water sol. Magnesium	mg/kg		5.3						
	Water sol. Magnesium	mg/L		1.10						
	Water sol. Potassium	mg/kg		86						
	Water sol. Potassium	mg/L		17.1						
	Water sol. Sodium	mg/kg		11						
	Water sol. Sodium	mg/L		2.30						
Sodicity, Salinity Indices	TDS	mg/L		56						
	CROSS			0.90						
	SAR			0.20						

NOTE: Apal Laboratory will review published literature for crop desired levels, and reserves the right to make changes to this information in test reports as and when these reviews are conducted.

NOTE: Soluble is defined as the fraction not removed by high speed centrifugation, but which for sodic soils, may additionally include dispersed solid fractions not removed by centrifugation.

# SOIL ANALYSIS

**Agent:** Nutrien Ag Solutions - Goulburn  
**Agent Address:** PO Box 182,  
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**Client:** Wingecarribee Shire Council  
**Test Set or Quotation:** EPA2  
**Barcode:** 110919203  
**Batch Number:** 29905  
**Submission ID:** 94607

**Report Date:** 23/05/2022  
**Sampling Date:** 05/05/2022  
**Date Received:** 13/05/2022  
**Sample Name:** Elva Back Paddock  
**Crop:** Cereal  
**Sample Depth:** 0-10  
**GPS Start:** NA  
**GPS End:** NA

		Unit	Desired Level	Level Found	c.mol/kg	Very Low	Low	Acceptable	High	Excessive
	Organic Carbon (W&B)	% (40°C)	0.900-2.00	3.04						
	pH 1:5 water	pH units	6.50-7.50	6.05						
	pH CaCl2 (following 4A1)	pH units	5.50-6.50	5.27						
	Dumas Total Nitrogen	% dry wt		0.28						
Salt	Salinity EC 1:5	dS/m	0.025-0.60	0.14						
	ECse	dS/m	0.10-6.0	1.0						
Total Elements	Total Phosphorus	mg/kg		343						
	Total Calcium	mg/kg		1190						
	Total Magnesium	mg/kg		515						
	Total Potassium	mg/kg		883						
Water soluble nutrients	Water sol. Calcium	mg/kg		26						
	Water Sol. calcium	mg/L		5.10						
	Water sol. Magnesium	mg/kg		9.2						
	Water sol. Magnesium	mg/L		1.80						
	Water sol. Potassium	mg/kg		59						
	Water sol. Potassium	mg/L		11.7						
	Water sol. Sodium	mg/kg		75						
	Water sol. Sodium	mg/L		14.9						
Sodicity, Salinity Indices	TDS	mg/L		91						
	CROSS			2.0						
	SAR			1.4						

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**Test Set or Quotation:** EPA2  
**Barcode:** 110919202  
**Batch Number:** 29905  
**Submission ID:** 94607

**Report Date:** 23/05/2022  
**Sampling Date:** 05/05/2022  
**Date Received:** 13/05/2022  
**Sample Name:** Saleyard Paddock  
**Crop:** Cereal  
**Sample Depth:** 0-10  
**GPS Start:** NA  
**GPS End:** NA

		Unit	Desired Level	Level Found	c.mol/kg	Very Low	Low	Acceptable	High	Excessive
	Organic Carbon (W&B)	% (40°C)	0.900-2.00	5.02						
	pH 1:5 water	pH units	6.50-7.50	6.61						
	pH CaCl2 (following 4A1)	pH units	5.50-6.50	6.07						
	Dumas Total Nitrogen	% dry wt		0.45						
Salt	Salinity EC 1:5	dS/m	0.025-0.60	0.20						
	ECse	dS/m	0.10-6.0	1.3						
Total Elements	Total Phosphorus	mg/kg		718						
	Total Calcium	mg/kg		3220						
	Total Magnesium	mg/kg		1120						
	Total Potassium	mg/kg		2110						
Water soluble nutrients	Water sol. Calcium	mg/kg		54						
	Water Sol. calcium	mg/L		10.7						
	Water sol. Magnesium	mg/kg		18						
	Water sol. Magnesium	mg/L		3.70						
	Water sol. Potassium	mg/kg		100						
	Water sol. Potassium	mg/L		20.0						
	Water sol. Sodium	mg/kg		69						
	Water sol. Sodium	mg/L		13.8						
Sodicity, Salinity Indices	TDS	mg/L		130						
	CROSS			1.5						
	SAR			0.90						

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