

Southern Meats Pty Ltd
Mazamet Road PO Box 244
Goulburn NSW 2580
Attention: Scott Newton

Monday, June 16, 2025



NATA Accredited Laboratory
Number: 9597
Accredited for compliance with
ISO/IEC 17025 - Testing

REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 13/06/2025

Report Number: 2505-0056

Page 1 of 12

For all enquiries related to this report please quote document number: 2505-0056

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
	EPL Soils 2025/25	13-May-2025

<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	P. Paradise	13-May-2025

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
25May-0133	SS1-0-100 09.05.25 7.15am	Calcium, soluble/exchangeable	2.5 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	4 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.1 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	1.1 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	99 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	202 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	508 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.8 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	2390 mg/kg	LTM-S-011	2
25May-0134	SS2-0-100 09.05.25 7.45am	Calcium, soluble/exchangeable	3.1 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	7 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	2.5 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	15.3 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	245 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	241 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	902 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.0 mmol/kg	* LTM-S-005	0.5

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Page 2 of 12

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25May-0134	SS2-0-100 09.05.25 7.45am	Sodium, soluble/exchangeable	0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	3220 mg/kg	LTM-S-011	2
25May-0135	SS3-0-100 09.05.25 8.15am	Calcium, soluble/exchangeable	5.0 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	9 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	2.6 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	10.1 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	322 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	148 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	600 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.4 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.9 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	2980 mg/kg	LTM-S-011	2
25May-0136	SS4-0-100 09.05.25 8.45am	Calcium, soluble/exchangeable	6.1 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	11 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	3.6 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	6.5 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	202 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	241 mg/g	* LTM-S-006	0.005

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Page 3 of 12

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25May-0136	SS4-0-100 09.05.25 8.45am	Phosphorus, Total	797 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.4 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	1.1 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	0.3 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	3140 mg/kg	LTM-S-011	2
25May-0137	SS5-0-100 09.05.25 9.15am	Calcium, soluble/exchangeable	7.6 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	10 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.7 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	5.6 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	199 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	202 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	409 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.5 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	0.3 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	1570 mg/kg	LTM-S-011	2
25May-0138	SS6-0-100 09.05.25 9.20am	Calcium, soluble/exchangeable	5.3 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	7 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	0.9 mmol/kg	* LTM-S-005	0.2

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Page 4 of 12

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25May-0138	SS6-0-100 09.05.25 9.20am	Nitrate as N	5.1 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	208 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	42 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	193 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.3 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	2700 mg/kg	LTM-S-011	2
25May-0139	SS7-0-100 09.05.25 10.35am	Calcium, soluble/exchangeable	6.0 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	10 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	2.7 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	21.8 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	255 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	191 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	202 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.4 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	0.5 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	1840 mg/kg	LTM-S-011	2
25May-0140	SS8-0-100 09.05.25 10.45am				

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This Report Replaces Report Sent on 13/06/2025

Report Number:2505-0056

Page 5 of 12

For all enquiries related to this report please quote document number: 2505-0056

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Soil	P. Paradise	13-May-2025

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25May-0140	SS8-0-100 09.05.25 10.45am	Calcium, soluble/exchangeable	4.7 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	7 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.5 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	11.2 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	<5 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	15 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	199 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.2 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	2600 mg/kg	LTM-S-011	2
25May-0141	SS9-0-100 09.05.25 10.55am	Calcium, soluble/exchangeable	1.7 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	3 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	0.6 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	1.0 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	<5 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	55 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5

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Page 6 of 12

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25May-0141	SS9-0-100 09.05.25 10.55am	Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	951 mg/kg	LTM-S-011	2
25May-0142	SS10-0-100 09.05.25 11.15am	Calcium, soluble/exchangeable	0.5 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	1 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	1.5 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	191 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	54 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	838 mg/kg	LTM-S-011	2
25May-0143	SS1-500-600 09.05.25 7.15am	Calcium, soluble/exchangeable	1.2 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	3 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.0 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	2.3 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	95 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	155 mg/g	* LTM-S-006	0.005

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This Report Replaces Report Sent on 13/06/2025

Report Number: 2505-0056

Page 7 of 12

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25May-0143	SS1-500-600 09.05.25 7.15am	Phosphorus, Total	313 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	138 mg/kg	LTM-S-011	2
25May-0144	SS2-500-600 09.05.25 7.45am	Calcium, soluble/exchangeable	3.5 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	13 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	5.6 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	3.3 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	860 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	92 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	91 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.4 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	3.0 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	546 mg/kg	LTM-S-011	2
25May-0145	SS3-500-600 09.05.25 8.15am	Calcium, soluble/exchangeable	5.2 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	14 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	5.0 mmol/kg	* LTM-S-005	0.2

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Report Number: 2505-0056

Page 8 of 12

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25May-0145	SS3-500-600 09.05.25 8.15am	Nitrate as N	2.2 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	851 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	24 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	153 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.4 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.6 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	3.0 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	517 mg/kg	LTM-S-011	2
25May-0146	SS4-500-600 09.05.25 8.45am	Calcium, soluble/exchangeable	2.6 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	11 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	4.8 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	2.5 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	672 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	11 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	111 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.6 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	3.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	894 mg/kg	LTM-S-011	2
25May-0147	SS5-500-600 09.05.25 9.15am				

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Report Number:2505-0056

Page 9 of 12

For all enquiries related to this report please quote document number: 2505-0056

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25May-0147	SS5-500-600 09.05.25 9.15am	Calcium, soluble/exchangeable	6.1 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	22 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	9.9 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	2.3 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	908 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	10 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.9 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	5.0 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	699 mg/kg	LTM-S-011	2
25May-0148	SS6-500-600 09.05.25 9.20am	Calcium, soluble/exchangeable	5.8 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	10 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	3.0 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	<0.1 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	907 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	32 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.9 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5

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Report Number: 2505-0056

Page 10 of 12

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<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	P. Paradise	13-May-2025

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
25May-0148	SS6-500-600 09.05.25 9.20am	Sodium, soluble/exchangeable	0.7 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	256 mg/kg	LTM-S-011	2
25May-0149	SS7-500-600 09.05.25 10.35am	Calcium, soluble/exchangeable	3.3 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	16 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	7.3 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	2.0 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	955 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	11 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	63 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	8.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	5.0 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	366 mg/kg	LTM-S-011	2
25May-0150	SS8-500-600 09.05.25 10.45am	Calcium, soluble/exchangeable	3.2 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	6 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	1.6 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	2.0 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	911 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	14 mg/g	* LTM-S-006	0.005

Southern Meats Pty Ltd
Mazamet Road PO Box 244
Goulburn NSW 2580
Attention: Scott Newton

Monday, June 16, 2025



NATA Accredited Laboratory
Number: 9597

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REPLACEMENT LABORATORY ANALYSIS REPORT

This Report Replaces Report Sent on 13/06/2025

Report Number:2505-0056

Page 11 of 12

For all enquiries related to this report please quote document number: 2505-0056

<u>Facility:</u>	<u>Order #</u> EPL Soils 2025/25	<u>Date Analysis Commenced</u> 13-May-2025
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<u>Sample Type</u> Soil	<u>Collected By</u> P. Paradise	<u>Date Received</u> 13-May-2025
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<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
25May-0150	SS8-500-600 09.05.25 10.45am	Phosphorus, Total	157 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	642 mg/kg	LTM-S-011	2
25May-0151	SS9-500-600 09.05.25 10.55am	Calcium, soluble/exchangeable	3.3 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	7 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	3.1 mmol/kg	* LTM-S-005	0.2
		Nitrate as N	1.1 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	548 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	51 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.2 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	223 mg/kg	LTM-S-011	2
25May-0152	SS10-500-600 09.05.25 11.15am	Calcium, soluble/exchangeable	4.3 mmol/kg	* LTM-S-005	0.2
		Effective Cation Exchange Capacity	6 mmol/kg	* R&L J1	1
		Magnesium, soluble/exchangeable	0.9 mmol/kg	* LTM-S-005	0.2

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Page 12 of 12

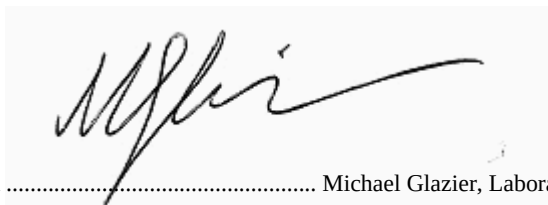
For all enquiries related to this report please quote document number: 2505-0056

<u>Facility:</u>	<u>Order #</u>	<u>Date Analysis Commenced</u>
	EPL Soils 2025/25	13-May-2025
<u>Sample Type</u>	<u>Collected By</u>	<u>Date Received</u>
Soil	P. Paradice	13-May-2025

<u>EAL ID</u>	<u>Client ID.</u> Date/Time sample taken	<u>Test</u>	<u>Result (units)</u>	<u>Method Reference</u>	<u>Limit of Reporting</u>
25May-0152	SS10-500-600 09.05.25 11.15am	Nitrate as N	1.5 mg/g	* LTM-S-007	0.1
		Phosphorus Sorption	312 mg/kg	* R&L 9I2a	
		Extractable Phosphorus (Colwell)	<5 mg/g	* LTM-S-006	0.005
		Phosphorus, Total	54 mg/kg	LTM-S-015	2
		pH (1:5 soil/water)	7.0 pH units	LTM-S-004	
		Potassium, soluble/exchangeable	<0.5 mmol/kg	* LTM-S-005	0.5
		Sodium, soluble/exchangeable	<0.2 mmol/kg	* LTM-S-005	0.2
		Total Kjeldahl Nitrogen	330 mg/kg	LTM-S-011	2

Note:

** NATA Accreditation does not cover the performance of this service.*



Signed Michael Glazier, Laboratory Manager.

*All samples analysed as received.
All soil results are reported on a dry basis.
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