

# LAYER MANURE ANALYSIS |

ITEMS		RESULTS		ANALYTICAL METHODS
TOTAL NITROGEN	N	%	<b>6.16</b>	Dumas method, LECO
TOTAL PHOSPHORUS	P	%	<b>3.15</b>	Acid digestion, ICPAES
TOTAL POTASSIUM	K	%	<b>2.99</b>	Acid digestion, ICPAES
TOTAL SULPHUR	S	%	<b>0.7</b>	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	%	<b>7.71</b>	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	%	<b>0.64</b>	Acid digestion, ICPAES
TOTAL SODIUM	Na	%	<b>0.57</b>	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm	<b>934</b>	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm	<b>417</b>	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm	<b>372.2</b>	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm	<b>41.3</b>	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm	<b>1.13</b>	Acid digestion, ICPAES
TOTAL BORON	B	ppm	<b>56.2</b>	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm	<b>7.7</b>	Acid digestion, ICPAES
pH	1:5 Water		<b>6</b>	Method 4A1, water suspension*
Electrical Conductivity		µS/cm	<b>10090</b>	Method 3A1, water extract*
TOTAL ORGANIC CARBON	OC	%	<b>35.9</b>	Method 6B3, LECO*
MOISTURE CONTENT	MC	%	<b>54.3</b>	Gravimetric method
CARBON / NITROGEN RATIO	C/N		<b>5.83</b>	Calculation

\* Rayment, G.E. & Higginson, F.R. (1992). Australian Laboratory Handbook for Soil and Water Chemical Methods.

