



SWEP
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**ANALYTICAL
LABORATORIES**

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REPORT ON SAMPLE OF PIG MANURE

FILE NO : 1803133438

DATE ISSUED : 21/03/2018

BURRA GARDEN SUPPLIES
ATTENTION: ADRIAN HUGHES
P O BOX 268
KORUMBURRA, VIC 3950

CLIENT ID : BUR114
PHONE : 0427 863 802

REFERENCE :

REFERENCE ID :

SAMPLE ID : PIG MANURE

PHONE :

ANALYSIS REQUIRED : Full (FT-2)

DATE RECEIVED : 15/03/2018

SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
TOTAL NITROGEN	N	%	1.52	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	%	4.03	Acid digestion, ICPAES
TOTAL POTASSIUM	K	%	0.703	Acid digestion, ICPAES
TOTAL SULPHUR	S	%	0.644	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	%	5.94	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	%	1.92	Acid digestion, ICPAES
TOTAL SODIUM	Na	%	0.136	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm	1.43	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm	958	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm	2440	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm	643	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm	6.02	Acid digestion, ICPAES
TOTAL BORON	B	ppm	36.7	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm	3.64	Acid digestion, ICPAES
pH	1:5 Water		6.02	Method 4A1, water suspension*
Electrical Conductivity		µS/cm	5680	Method 3A1, water extract*
TOTAL ORGANIC CARBON	OC	%	11.3	Method 6B3, LECO*
MOISTURE CONTENT	MC	%	13.4	Gravimetric method
CARBON / NITROGEN RATIO	C/N		7.43	Calculation
Chloride	Cl	ppm	Not required	Method 5A1, water extract*
TOTAL SELENIUM	Se	ppm	Not required	Acid digestion, ICPAES
TOTAL CADMIUM	Cd	ppm	Not required	Acid digestion, ICPAES
TOTAL MERCURY	Hg	ppm	Not required	Acid digestion, ICPAES
TOTAL LEAD	Pb	ppm	Not required	Acid digestion, ICPAES
TOTAL ARSENIC	As	ppm	Not required	Acid digestion, ICPAES

* Rayment, G.E. & Lyons, D.J. (2011). Soil Chemical Methods - Australasia. CSIRO Publishing, 150 Oxford Street, Collingwood Vic 3066, Australia