

RESULTS OF WATER ANALYSIS

1 sample supplied by Boral Timber on 24/07/2019. Lab Job No.i4101

Samples submitted by Sean Taylor. Your Job: PO: 217299

PO Box 437 GRAFTON NSW 2460

Parameter	Methods reference	Sample 1 Boral Timber Koolkhan Site 19/7/19
	<i>Job No.</i>	<i>i4101/1</i>
pH	APHA 4500-H ⁺ -B	7.05
Total Suspended Solids (mg/L)	GFC equiv. filter - APHA 2540-D	14
Tannin and Lignin (mg/L)	** Inhouse	4.0
Total Oils and Grease (mg/L)	APHA 5520-D (hexane extractable)	<2
Nitrate (mg/L N)	APHA 4500 NO ₃ ⁻ -F	0.070
Nitrite (mg/L N)	APHA 4500 NO ₂ ⁻ -I	0.020
Phosphate (mg/L P)	APHA 4500 P-G	0.077
Ammonia (mg/L N)	APHA 4500 NH ₃ -H	0.727
Copper (mg/L)	Dissolved - APHA 3125 ICPMS ^{*note 1&2}	<0.001
Iron (mg/L)	Dissolved - APHA 3125 ICPMS ^{*note 1&2}	0.423
Boron (mg/L)	Dissolved - APHA 3125 ICPMS ^{*note 1&2}	0.134

Notes:

- Total metals - samples digested with nitric acid; Total available (acid soluble/ extractable) metals - samples acidified with nitric acid to pH <2;
Dissolved metals - samples filtered through 0.45µm cellulose acetate and then acidified with nitric acid prior to analysis
- Metals and salts analysed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS).
- 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
- Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
- Analysis conducted between sample arrival date and reporting date.
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- Results relate only to the samples tested.
- This report was issued on 02/08/2019



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checked:
Graham Lancaster
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