

Soil Monitoring Data December 2016

Published: 30/01/2017								
Licensee: Cargill Newcastle								
EPL no.: 5810								
EPA Point ID	Date of Sampling	Date Results Received	Pollutant	Measurement Period & Monitoring Frequency Required by EPL	Units of Measure	December 2016		
						Min Value	Mean Value	Max Value
14 – Surface	07/12/2016	23/12/2016	pH	Yearly	pH	6.6	7.4	8.2
			Available Phosphorus (Bray)	Yearly	mg/kg	10.6	25.9	45.1
			Available Phosphorus (Colwell)	Yearly	mg/kg	11	40	87
			Chloride	Yearly	mg/kg	30	57	80
			Conductivity	Yearly	µS/cm	118	144	186
			Exchangeable Calcium	Yearly	meq/100g	3.5	5.5	9.5
			Exchangeable Magnesium	Yearly	meq/100g	0.1	0.9	2.0
			Exchangeable Potassium	Yearly	meq/100g	0.1	0.2	0.5
			Exchangeable Sodium	Yearly	meq/100g	<0.2	0.7	1.9
			Cation Exchange Capacity	Yearly	meq/100g	3.7	7.3	13.9
			Moisture Content	Yearly	%	8.4	17.1	26.7
14 – Sub-surface	07/12/2016	23/12/2016	pH	Yearly	pH	7.6	8.1	8.5
			Available Phosphorus (Bray)	Yearly	mg/kg	9.9	13.3	19.2
			Available Phosphorus (Colwell)	Yearly	mg/kg	11	16	26
			Chloride	Yearly	mg/kg	20	38	70
			Conductivity	Yearly	µS/cm	100	1,106	5,950
			Exchangeable Calcium	Yearly	meq/100g	2.4	4.4	7
			Exchangeable Magnesium	Yearly	meq/100g	<0.2	0.4	0.8
			Exchangeable Potassium	Yearly	meq/100g	<0.1	0.1	0.2
			Exchangeable Sodium	Yearly	meq/100g	<0.2	0.2	0.3
			Cation Exchange Capacity	Yearly	meq/100g	2.6	5.0	7.8
			Moisture Content	Yearly	%	3.5	8.9	18.1