

Order	62302									
Project	Fingals Tails Material									
				Sample Name	PE089143.001	PE089143.002	PE089143.003	PE089143.004	PE089143.005	PE089143.006
				Description	4	8	14	16	20	26
				Sample Date	20/04/2014	20/04/2014	20/04/2014	20/04/2014	20/04/2014	20/04/2014
				Matrix	Soil	Soil	Soil	Soil	Soil	Soil
Job Number	Method Name	Analyte Name	Units	Reporting Limit	Result	Result	Result	Result	Result	Result
PE089143	Moisture Content	% Moisture	%	0.5	18	11	7.4	7.4	6.4	8.8
PE089143	Total Cyanide in soil by Discrete Analyser (Aquakem)	Total Cyanide	mg/kg	0.5	6.2	5.7	5.4	51	69	62
PE089143	Weak Acid Dissociable Cyanide in soil by Discrete Analyser (Aquakem)	Weak Acid Dissociable Cyanide	mg/kg	0.5	2.3	0.7	1.2	1.1	1.3	1.1
PE089143	Total Recoverable Metals in Soil by ICPOES	Antimony, Sb	mg/kg	2	5	4	3	4	4	4
PE089143	Total Recoverable Metals in Soil by ICPOES	Arsenic, As	mg/kg	1	840	970	700	1100	970	1900
PE089143	Total Recoverable Metals in Soil by ICPOES	Barium, Ba	mg/kg	0.5	160	210	210	170	150	190
PE089143	Total Recoverable Metals in Soil by ICPOES	Beryllium, Be	mg/kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PE089143	Total Recoverable Metals in Soil by ICPOES	Boron, B	mg/kg	5	19	14	14	16	21	18
PE089143	Total Recoverable Metals in Soil by ICPOES	Cadmium, Cd	mg/kg	0.3	0.7	0.6	0.6	0.7	0.7	0.8
PE089143	Total Recoverable Metals in Soil by ICPOES	Cobalt, Co	mg/kg	0.5	18	23	33	15	12	11
PE089143	Total Recoverable Metals in Soil by ICPOES	Copper, Cu	mg/kg	0.5	36	31	26	33	36	41
PE089143	Total Recoverable Metals in Soil by ICPOES	Chromium, Cr	mg/kg	0.5	77	60	54	64	89	72
PE089143	Total Recoverable Metals in Soil by ICPOES	Lead, Pb	mg/kg	1	5	4	4	5	5	5
PE089143	Total Recoverable Metals in Soil by ICPOES	Nickel, Ni	mg/kg	0.5	66	63	73	51	42	40
PE089143	Total Recoverable Metals in Soil by ICPOES	Selenium, Se	mg/kg	2	<2	<2	<2	<2	<2	<2
PE089143	Total Recoverable Metals in Soil by ICPOES	Vanadium, V	mg/kg	0.5	45	36	35	39	48	41
PE089143	Total Recoverable Metals in Soil by ICPOES	Phosphorus, P	mg/kg	10	370	350	290	390	380	420
PE089143	Mercury in Soil	Mercury	mg/kg	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
PE089143	Hexavalent Chromium in Soil Aquakem DA	Hexavalent Chromium, Cr6+	mg/kg	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PE089143	Hexavalent Chromium in Soil Aquakem DA	Trivalent Chromium, Cr3+	mg/kg	0.5	77	60	54	64	89	72