

**XRF Data**

Client:

Project Name



All values in mg/kg on bagged samples uncorrected for moisture content or stone

v3.0a

Sample ID	Date	Time	Scan(s)	Pb	Zn	Cu	As	Hg	Cd	Ni	Cr	Se	Sb	Mo	Total Toxic Metals
1B	2/08 9:46:06	2/08 9:46:06	60	507	105	72	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	7
1B	2/08 9:47:25	2/08 9:47:25	60	247	99	84	29	<DL	<DL	<DL	<DL	<DL	<DL	<DL	7
1B	2/08 9:48:55	2/08 9:48:55	60	220	99	72	18	<DL	<DL	<DL	<DL	<DL	<DL	<DL	7
0	<b>Average</b>			325	101	76	<18	<9	<13	<5	<24	<2	<12	<4	<589
25B	2/08 9:53:17	2/08 9:53:17	60	182	88	62	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
25B	2/08 9:54:46	2/08 9:54:46	60	47	79	44	28	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
25B	2/08 9:56:25	2/08 9:56:25	60	162	84	52	13	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			130	84	52	13	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<349
25A	2/08 10:00:09	2/08 10:00:09	60	152	118	57	18	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
25A	2/08 10:01:23	2/08 10:01:23	60	135	136	57	18	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
25A	2/08 10:02:38	2/08 10:02:38	60	164	99	79	20	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			150	118	63	19	<8	<13	<5	<24	<2	<13	<2	<413
2A	2/08 10:09:06	2/08 10:09:06	60	323	114	99	23	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
2A	2/08 10:10:20	2/08 10:10:20	60	308	97	100	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
2A	2/08 10:12:39	2/08 10:12:39	60	362	113	121	29	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			331	108	107	<19	<9	<14	<5	<24	<2	<13	<2	<634
2B	2/08 10:14:05	2/08 10:14:05	60	239	97	98	35	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
2B	2/08 10:15:24	2/08 10:15:24	60	331	109	80	23	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
2B	2/08 10:16:44	2/08 10:16:44	60	281	88	78	11	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			284	98	85	23	<8	<13	<5	<22	<2	<13	<2	<553
3A	2/08 10:21:03	2/08 10:21:03	60	403	115	119	21	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
3A	2/08 10:22:26	2/08 10:22:26	60	290	101	90	13	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
3A	2/08 10:24:42	2/08 10:24:42	60	440	110	109	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			378	109	106	<13	<9	<13	<4	<23	<2	<13	<2	<670
3B 1	2/08 10:26:09	2/08 10:26:09	60	443	111	95	23	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
3B 2	2/08 10:31:58	2/08 10:31:58	60	420	107	83	21	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
3B 3	2/08 10:33:55	2/08 10:33:55	60	383	92	94	16	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			415	103	91	20	<8	<13	<4	<23	<1	<12	<2	<692
4A 1	2/08 10:35:48	2/08 10:35:48	60	739	121	107	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
4A 2	2/08 10:37:59	2/08 10:37:59	60	298	93	99	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
4A 3	2/08 10:39:45	2/08 10:39:45	60	257	105	105	32	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			431	106	104	<15	<8	<13	<5	<24	<1	<12	<2	<721
4B 1	2/08 10:41:45	2/08 10:41:45	60	344	124	103	25	<DL	<DL	11	<DL	<DL	<DL	<DL	
4B 2	2/08 10:43:02	2/08 10:43:02	60	351	114	103	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
4B 3	2/08 10:44:17	2/08 10:44:17	60	329	144	95	16	<DL	<DL	15	<DL	<DL	<DL	<DL	
0	<b>Average</b>			341	127	100	<16	<8	<13	<10	<23	<1	<12	<2	<653
5A 1	2/08 11:34:29	2/08 11:34:29	60	400	110	114	<DL	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
5A 2	2/08 11:35:40	2/08 11:35:40	60	291	120	113	37	<DL	<DL	17	<DL	<DL	<DL	<DL	
5A 3	2/08 11:36:55	2/08 11:36:55	60	378	138	161	15	<DL	<DL	<DL	<DL	<DL	<DL	<DL	
0	<b>Average</b>			356	123	129	<19	<8	<13	<10	<23	<2	<12	<2	<698

Site specific total metals values are entered here

Each sample is scanned three times to achieve an average value and avoid bias from hotspots

Values are presented in ppm as an average of the 3 readings

The 'traffic light' colour coding is based on the standard deviation of the results and presents a quick indication as to the homogeneity of the sample

Total values are reported again using the 'traffic light' system based on the site limits.

Total metals is the sum of the average readings and can be adjusted to reflect different models.

The 'traffic light' system is explained here.

And here for Total Metals