

**Table A-1: Process Tailings Fluids, Water Soluble Metals, Metalloids and Radicals
(March 2012)**

Sample ID	EC	pH	HC O ₃	CO ₃	OH	Total Alk	Cl	SO ₄	NO ₃ ⁻ N	Cl:S O ₄	F
	mS/cm	-	mg CaCO ₃ /L				mg/L	mg/L	mg/L	-	mg/L
Process 1	1.23	8.2	188	<5	<5	188	177	125	11.2	1.42	1.7
Process 2	1.24	8.2	189	<5	<5	189	177	124	10.3	1.43	1.7

Sample ID	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Process 1	<0.00001	0.06	0.0026	0.35	0.0326	<0.0001	<0.00005	29.8	<0.0002	<0.0001
Process 2	<0.00001	0.04	0.0024	0.34	0.0309	<0.0001	<0.00005	29.9	<0.0002	<0.0001

Sample ID	Cr	Cu	Fe	Hg	K	Mg	Mn	Mo	Na	Ni
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Process 1	<0.01	<0.01	0.03	<0.0001	5.6	36.0	0.02	0.0055	169.3	<0.01
Process 2	<0.01	<0.01	0.02	0.0001	5.5	35.1	0.01	0.0054	166.4	<0.01

Sample ID	P	Pb	Sb	Se	Tl	U	V	Zn
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Process 1	<0.1	0.0018	0.00005	0.0032	<0.0001	0.00097	<0.01	<0.01
Process 2	<0.1	0.0006	0.00003	0.0032	<0.0001	0.00103	<0.01	<0.01

Table A-2: Water Leachates of Camp East Tailings Solids, Water Soluble Metals, Metalloids and Radicals (March 2012)

Sample ID	EC	pH	HC O ₃	CO ₃	OH	Total Alk	Cl	SO ₄	Cl:S O ₄	F	NO ₃ -N
	mS/cm	-	mg CaCO ₃ /kg				mg/kg	mg/kg	-	mg/kg	mg/kg
Slimes Surficial	3.89	7.7	94	<5	<5	94	4,564	3,177	1.44	4	39
Slimes 300 mm	2.60	7.8	104	<5	<5	104	2,171	3,673	0.59	8	21
Sand Surficial	0.37	7.8	74	<5	<5	74	310	313	0.99	1	<1
Sand 300 mm	0.66	8.6	188	<5	<5	188	598	484	1.24	9	<1

Sample ID	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Slimes Surficial	0.00021	0.24	0.0252	0.69	0.0531	<0.0005	<0.0003	574.2	<0.0001	<0.0005
Slimes 300 mm	0.00019	<0.05	0.0154	1.14	0.0143	<0.0005	<0.0003	492.8	<0.0001	<0.0005
Sand Surficial	<0.00005	<0.05	0.0064	0.12	0.0134	<0.0005	<0.0003	80.3	<0.0001	<0.0005
Sand 300 mm	0.00012	<0.05	0.0077	0.78	0.0044	<0.0005	<0.0003	56.8	<0.0001	<0.0005

Sample ID	Cr	Cr (VI)	Cu	Fe	Hg	K	Mg	Mn	Mo	Na
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Slimes Surficial	0.22	0.25	<0.05	0.17	<0.0005	42	265.7	0.31	0.0342	3,393
Slimes 300 mm	0.18	0.20	<0.05	<0.05	<0.0005	47	330.3	<0.05	0.0582	2,018
Sand Surficial	<0.05	-	<0.05	<0.05	<0.0005	10.9	26.4	<0.05	0.0300	235
Sand 300 mm	<0.05	-	<0.05	<0.05	<0.0005	18.5	37.6	<0.05	0.1674	566

Sample ID	Ni	P	Pb	Sb	Se	Tl	U	V	Zn
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Slimes Surficial	<0.05	<0.5	<0.00 3	0.000 14	0.074	<0.00 005	0.000 51	<0.05	<0.05
Slimes 300 mm	<0.05	<0.5	<0.00 3	0.000 29	0.040	<0.00 005	0.000 82	<0.05	<0.05
Sand Surficial	<0.05	<0.5	<0.00 3	0.000 13	0.007	<0.00 005	0.000 12	<0.05	<0.05
Sand 300 mm	<0.05	<0.5	<0.00 3	0.000 39	0.010	<0.00 005	0.000 57	<0.05	<0.05