

CURRAGH RESOURCES CORPORATION
WATER ANALYSIS

Unknown Station Locations

020417

DATE: Oct 8-10, 1986

? stms ?

SAMPLE POINT	#1PT	#2PT	K10	K11	K12										
TEMP C															
pH	7.30	7.10	9.21	9.03	9.40										
SUSPENDED SOLIDS mg/L															
FLOW m ³ /min															
AMMONIA mg/L															
COPPER mg/L	0.014	0.037	0.007	0.018	0.007										
LEAD mg/L	0.100	0.131	0.092	0.228	0.074										
ZINC mg/L	50.12	11.70	0.054	0.052	0.043										
CYANIDE mg/L															
MANGANESE mg/L	3.950	1.470	0.016	0.023	0.013										
SODIUM mg/L	18.5	9.4	31.0	45.0	149.0										
SULFATE mg/L	581	430	insufficient sample	insufficient sample	280										

COMMENTS: pH run at mine lab same day as sample picked up. All other analysis by Bondar Clegg

D E Wright

CURRAGH RESOURCES CORPORATION
WATER ANALYSIS

DATE: Oct 8-10, 1986

SAMPLE POINT	X16A	X16B	X17A	X17B	X18A	X18B	X21A	X21B	X21C	X24A	X24B	X25A	X25B	CVDC 4D	CVDC 4E
TEMP C															
pH	7.06	7.75	7.54	7.56	7.28	7.04	6.94	7.63	7.54	7.43	7.32	7.16	7.52	7.28	7.24
SUSPENDED SOLIDS mg/L															
FLOW m ³ /min															
AMMONIA mg/L															
COPPER mg/L	0.006	0.004	0.003	0.002	0.006	0.004	0.612	0.004	0.002	0.007	0.004	0.006	0.006	0.007	0.007
LEAD mg/L	0.052	0.015	0.022	0.019	0.077	0.014	0.029	0.036	0.024	0.016	0.011	0.625	0.026	0.022	0.024
ZINC mg/L	0.114	0.047	0.036	0.028	0.046	0.040	0.960	0.057	0.056	0.038	0.028	0.079	0.044	0.065	0.045
CYANIDE mg/L															
MANGANESE mg/L	0.830	0.013	0.015	0.171	0.156	0.471	20.50	0.535	0.680	1.560	1.870	0.144	0.240	3.020	3.390
SODIUM mg/L	3.4	3.6	4.3	3.4	26.5	30.0	89.0	8.8	11.5	65.5	60.0	11.1	4.4	56.0	53.0
SULFATE mg/L	137	28	17	25	172	143	1025	117	123	451	416	238	27	2	305

COMMENTS: pH done at mine lab same day as sample picked up. All other analysis by Bondar Clegg

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CURRAGH RESOURCES CORPORATION
WATER ANALYSIS

DATE: Oct 8-10, 1986

SAMPLE POINT	CUDC 7D	CUDC 7S	CUDC 9D	CUDC 9S	CUDT 1	CUDT 2	CUDT 3	1D4D	1D4S	81-04	P81-09	83-2B	83-2C	83-3C	83-4B
TEMP C															
pH	7.41	7.17	7.64	7.62	7.34	7.30	7.50	7.40	7.23	6.87	7.36	10.09	8.24	6.11	8.30
SUSPENDED SOLIDS mg/L															
FLOW m3/min															
AMMONIA mg/L															
COPPER mg/L	0.005	0.007	0.006	0.005	0.006	0.011	0.006	0.007	0.008	0.015	0.006	0.008	0.006	0.006	0.009
LEAD mg/L	0.025	0.018	0.015	0.017	0.017	0.046	0.019	0.019	0.016	0.119	0.016	0.025	0.013	0.058	0.085
ZINC mg/L	0.044	0.055	0.057	0.046	0.035	0.057	0.045	0.037	0.063	0.470	0.066	0.035	0.034	31.400	0.069
CYANIDE mg/L															
MANGANESE mg/L	1.900	4.160	0.061	0.137	0.035	1.950	0.142	0.197	4.610	12.900	0.008	0.006	0.069	4.530	0.033
SODIUM mg/L	60.5	56.0	7.7	8.6	58.5	53.0	8.0	65.0	61.0	106.0	2.3	262.0	470.0	92.0	220.0
SULFATE mg/L	360	376	74	75	358	309	63	752	418	416	18	352	584	insufficient sample	151

COMMENTS: pH run at mine lab same day as sample picked up. All other analysis by Bondar-Clegg

D. P. Clegg

CURRAGH RESOURCES CORPORATION

WATER ANALYSIS

DATE: Oct 12, 1986

SAMPLE POINT	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X22	X23
TEMP C																
pH	8.94	7.74	7.73	8.20	7.94	7.00	7.50			7.92	7.35	7.54	7.38	7.85	7.55	6.94
SUSPENDED SOLIDS mg/L			-													
FLOW m3/min																
AMMONIA mg/L																
COPPER mg/L	0.019	0.008	0.004	0.042	0.098	0.007	0.020			0.004	0.004	0.005	0.004	0.025	0.024	0.012
LEAD mg/L	0.060	0.098	0.056	0.131	0.134	0.026	0.080			0.027	0.026	0.056	0.019	0.088	0.109	0.036
ZINC mg/L	0.036	0.110	0.029	0.144	0.370	0.180	27.50			0.047	0.019	0.030	0.026	0.161	27.8	30.0
CYANIDE mg/L																
MANGANESE mg/L	0.030	0.074	0.026	1.580	2.330	7.010	4.00			0.039	1.600	0.345	1.930	0.790	3.08	12.70
SODIUM mg/L	145.0	2.0	1.6	70.0	78.5	69.5	26.2			1.7	60.5	28.0	52.0	24.0	24.5	42.0
SULFATE mg/L	297	8	11	518	469	196	728			14	369	179	321	135	649	1555
Color unit	8.0	8.0	8.0	6.0	5.0	5.0	9.0			8.0	4.0	3.0	4.0	7.0	3.0	4.0
Turbidity	250	0.4	0.3	0.3	0.4	1.4	9.6			0.4	0.3	0.3	0.5	0.4	15.2	1.9

COMMENTS: pH done at mine lab same day as sample picked up. All other analyses by Bondar Clegg

A E Wright