

Table 1. Summary of selected sampling events completed at the Ely Copper Mine Superfund site in Vershire, VT, 1998 - 2007.

[No., Number; ADL, Arthur D. Little, Incorporated; VTDEC, Vermont Department of Environmental Conservation; USGS, U.S. Geological Survey; URS, URS Corporation, USEPA, U.S. Environmental Protection Agency; CRREL, U.S. Army Cold Regions Research and Engineering Laboratory; AVS/SEM, acid volatile sulfides/simultaneously extracted metals]

Dates	No. of Sample Locations	No. of Samples	Agency	Assessment Type
Aquatic Biology				
September – October 2001	5	5	ADL and VTDEC	Fish assemblage surveys
September – October 2001	5	15	ADL and VTDEC	Elements (in fish tissue)
October 2001	3	3	ADL and VTDEC	Macroinvertebrate survey
September 2006	8	8	USGS	Fish assemblage surveys
September 2006	8	27	USGS	Elements (in fish tissue)
September 2006	12	22	USGS	Macroinvertebrate surveys
September 2007	1	1	USGS	Fish assemblage surveys
Sediment				
August 1998	5	5	USGS	Elements
July 2000	1	1	ADL	AVS/SEM, Elements
October 2000	1	1	ADL	AVS/SEM, Elements
September 2001	5	5	ADL	Elements
October 2001	3	3	VTDEC	Pebble count
November 2004	33	105	URS	AVS/SEM, Elements
June 2006	12	12	USEPA	Elements
August 2006	18	22	USGS	AVS/SEM, Elements, Grain size
Precipitate (P), Soil and Leachate (mine-waste) (MW), Seep Sediment (SS), Overbank Sediment (OS)				
August 1998 (P)	1	1	USGS	Elements
August 1998 (MW)	8	8	USGS	Elements
June 2000 (MW)	2	2	USGS	Elements
October 2000 (MW)	2	6	USGS	Elements, Metal oxides
November 2001 (MW)	4	11	USGS	Elements, Metal oxides
October 2002 (MW)	13	22	USGS	Elements
November 2004 (SS)	1	1	URS	AVS/SEM, Elements
August 2006 (OS)	1	1	USGS	Elements
Water				
May 2000	1	1	ADL	Alkalinity, Elements, Nutrients
July 2000	2	2	ADL	Alkalinity, Elements, Nutrients
September 2000	1	1	ADL	Alkalinity, Elements, Nutrients
May 2001	13	13	ADL	Elements
September 2001	11	11	ADL	Elements
March 2002	8	13	CRREL	Elements
April 2002	28	103	CRREL	Elements
May 2002	13	13	CRREL	Elements
June 2002	12	12	CRREL	Elements
July 2002	12	12	CRREL	Elements
August 2002	10	10	CRREL	Elements
September 2002	11	11	CRREL	Elements
November 2004	34	34	URS	Alkalinity, Elements
October 2005	9	9	USEPA	Elements
June 2006	8	16	USEPA	Alkalinity, Elements, Nutrients
August 2006	12	32	USGS	Alkalinity, Elements, Nutrients
September 2006	6	6	USGS	Alkalinity, Elements, Nutrients
April 2007	7	7	USEPA	Elements
May 2007	3	11	USEPA	Elements
May 2007	12	12	URS	Alkalinity, Elements
June 2007	2	4	USEPA	Elements