

TABLE 3-4

Summary of Abiotic Samples Associated With Each Biota Sample

Lava Cap Mine, Nevada County, California

Biota Sample Field ID	Biota Type	Abiotic Sample Location (Figures 3-1 to 3-6)		Surface Soil	Comments
		Surface Water	Sediment		
1AQI-1	Mixed aquatic invertebrates	1H, 1I, 1J	1H, 1I, 1J		LCC above mine
1AQI-2 through 1AQI-3	Mixed aquatic invertebrates	20	20		Little Greenhorn Creek upgradient of CC
1FSH-1	Rainbow trout	20	20		Composite of 3 4-inch fish, in Little Greenhorn Creek upgradient of CC
1FSH-2	Rainbow trout	20	20		Composite of 3 4- to 5-inch fish, in Little Greenhorn Creek upgradient of CC
1MML-1 through 1MML-5	Mice	1H, 1I, 1J		1C through 1F, 1K through 1Q	Near LCC above mine
1TRI-1	Mixed terrestrial invertebrates			1C, 1D, 1E, 1P, 1Q	LCC above mine
1TRP-1	Willow	1J	1J	1E	LCC above mine
1TRP-2	Willow	1I	1I	1D	LCC above mine
1TRP-3	Willow	1H	1H	1C	LCC above mine
2AQI-1	Mixed aquatic invertebrates	2A, 2B, 2C, 2G, 2H	2B, 2C, 2G, 2H	2B	CC above confluence with LCC
2AQI-2 through 2AQI-3	Mixed aquatic invertebrates	2B, 2G, 2H	2B, 2C, 2G, 2H	2B	CC above confluence with LCC
2TRI-1	Mixed terrestrial invertebrates	2G	2I	2D, 2E, 2F	Composite along CC above confluence with LCC
2TRI-2	Earthworms	2G	2I	2D, 2E, 2F	Composite along CC above confluence with LCC
2TRP-1	Willow	2G	2I, 2G	2D, 2E, 2F	Composite along CC above confluence with LCC
3FRG-1	Frogs	3A	3A	3A	Pond at adit
3FRG-2	Pollywogs	3A	3A	3A	Pond at adit
5MML-1 through 5MML-3	Mice			5A, 5B, 5C, 5D, 5E, 5H, 5I	Tailings pile/waste rock area at mine
6MML-1 through 6MML-4	Mice			6A through 6F, 6M, 7A through 7F, 8A through 8F	In and around mine buildings
7TRI-1	Mixed terrestrial invertebrates			6A through 6F, 6M, 7A through 7F, 8A through 8F	In and around mine buildings
7TRP-1	Willow			7A, 7E, 8E	Near mine shaft
7TRP-2	Willow			7B	Near Cyanide Building
7TRP-3	Willow			7B, 7F, 8A, 8C, 8F	Between Mill and Cyanide Buildings
11TRI-1	Mixed terrestrial invertebrates			11-5, 11-6, 11P, 11BA	Composite of 3 samples collected around Lost Lake
11TRP-1	Willow	16B-4		11-1, 11-2, 13-4, 13-5	Deposition Area
11TRP-2	Willow	16C-3		11-33, 11-34	Around Lost Lake
11TRP-3	Willow	16B-4		11-23 through 11-26	Around Lost Lake
12AQI-1	Mixed aquatic invertebrates	12G	12G		Along LCC, below log dam but above confluence
12AQI-2	Mixed aquatic invertebrates	12H	12H		LCC, below log dam but above confluence

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		Surface Water	Sediment	Surface Soil	
12AQI-3	Mixed aquatic invertebrates	12I	12I		LCC, below log dam but above confluence
12FSH-1 through 12FSH-3	Rainbow trout	12I	12I		Composite of 3 4- to 6-inch fish, in LCC below log dam but above confluence
12MML-1 and 12MML-2	Mice	12G, 12H, 12I		12A through 12E, 12K, 12L	Along LCC, below log dam but above confluence
12TRI-1	Mixed terrestrial invertebrates			12L, 12H	Along LCC, below log dam but above confluence
12TRP-1	Willow	12H		12K, 12L, 12H	Along LCC, below log dam but above confluence
12TRP-2	Willow	12I	12I	12E	Along LCC, below log dam but above confluence
12TRP-3	Willow	4A	12A, 4A		Along LCC at base of log dam
13MML-1 through 13MML-4	Mice	14A, 15A		13A through 13F, 13I through 13P, 13-6 through 13-20 15C, 15D, 13C, 13D, 13-6 through 13-20	Deposition Area
13TRI-1	Mixed terrestrial invertebrates				Near CC in Deposition Area
13TRP-1	Willow	14A	14A		Near CC in Deposition Area
13TRP-2	Willow	14A	14A, 15A		Near LCC/CC confluence Deposition Area
13TRP-3	Willow	14B	14B		Near CC in Deposition Area
14AQI-1 through 14AQI-3	Mixed aquatic invertebrates	14A, 14B	14A, 14B		CC in Deposition Area
15AQI-1	Snails	15A	15A		Deposition Area Pond
16FSH-1	Blue gill	16A, 16B	18A, 18B, 17A, 17B		Composite of 13 1- to 3-inch fish from Lost Lake
16FSH-2	Blue gill	16A, 16B	18A, 18B, 17A, 17B		Composite of 27 1- to 3-inch fish from Lost Lake
16FSH-3	Blue gill	16A, 16B	18A, 18B, 17A, 17B		Composite of 7 2- to 4-inch fish from Lost Lake
16FSH-4	Gambusia	16C	18C		Composite of many 1-inch fish, south lobe of Lost Lake
16FSH-5	Bass	16A, 16B	18A, 18B, 17A, 17B		Composite of 2 3-inch fish from Lost Lake
16FSH-6	Blue gill	16A, 16B	18A, 18B, 17A, 17B		Filet sample (1 fish, 5 inches) from Lost Lake
16FSH-7	Bass	16A, 16B	18A, 18B, 17A, 17B		Filet sample (1 fish, 9 inches) from Lost Lake
16FSH-8	Bass	16A, 16B	18A, 18B, 17A, 17B		Filet sample (1 fish, 11 inches) from Lost Lake
16FSH-9	Bass	16A, 16B	18A, 18B, 17A, 17B		Filet sample (1 fish, 10 inches) from Lost Lake
18AQI-1	Snails	16A, 16B	18A, 18B, 17A, 17B		Lost Lake
18AQI-2	Dragonfly/damselfly larvae	16A, 16B	18A, 18B, 17A, 17B		Lost Lake
18AQI-3	Crayfish	16A, 16B	18A, 18B, 17A, 17B		Lost Lake
19AQI-1 through 19AQI-3	Mixed aquatic invertebrates	19A, 19B, 19C		19A, 19B, 19C	CC below Lost Lake
19FSH-1	Rainbow trout	19A, 19B, 19C		19A, 19B, 19C	Composite of 3 4- to 6-inch fish, in CC below Lost Lake

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Field ID	Biota Type	Surface Water	Sediment	Surface Soil	
19FSH-2	Rainbow trout	19A, 19B, 19C		19A, 19B, 19C	Composite of 3 4- to 6-inch fish, in CC below Lost Lake
19FSH-3	Blue gill	19A, 19B, 19C		19A, 19B, 19C	Composite of 3 2-inch fish, in CC below Lost Lake
19TRI-1	Mixed terrestrial invertebrates			19H, 19I	Near CC below Lost Lake
19TRI-2	Earthworms			19H, 19I	Near CC below Lost Lake
19TRP-1	Willow	19C	19C, 19G	19I	Near CC below Lost Lake
19TRP-2	Willow	19B	19B		Near CC below Lost Lake
19TRP-3	Willow	19A	19A	19H	Near CC below Lost Lake