



W-202  
S-213

1551-MC247

1551-MC246

1551-MC245

1551-SG108

1551-SG109

1551-SG114

1551-SG112

1551-SG110

1551-SG111

1551-SG113

1551-GW187

1551-GW225

1551-GW188

1551-GW189

1551-GW190

1551-GW191

1551-GW192

1551-GW193

1551-GW194

1551-GW195

1551-GW196

1551-GW197

1551-GW198

1551-GW199

1551-GW200

1551-GW201

1551-GW202

1551-GW203

1551-GW204

1551-GW205

1551-GW206

1551-GW207

1551-GW208

1551-GW209

1551-GW210

1551-GW211

1551-GW212

1551-GW213

1551-GW214

1551-GW215

1551-MC117

1551-MC118

1551-MC119

1551-MC120

1551-MC121

1551-MC122

1551-MC123

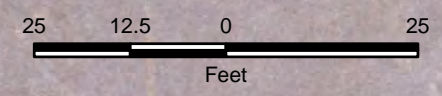
1551-SG116

1551-SG115

1551

1551-GW227

1551-GW226



C:\Projects\GalenaDecember2008\ArcGIS\11x17s\2008\_1551-11x17.mxd



**Legend**

- ▲ Groundwater Sample Locations
- Soil Sample Locations
- ▲ Soil Gas Sample Locations
- 1551 Existing Structures

Former Building 1551  
Galena Airport  
August 2007 and July 2008  
Locations and Results

**Groundwater**

Sample ID	Depth	Sample Date	Units	benzene	ethylbenzene	toluene	m & p-xylene	o-xylene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	cis-1,2-dichloroethene	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	vinyl chloride
1551-GW187	14	Aug '07	ug/L	7.36	19.5	<1	38.2	0.803	61.9	40.4	<1	<1	<1	0.287	<1
1551-GW187	24	Aug '07	ug/L	22.8	55.1	<1	89.1	0.447	199	65.5	<1	<1	<1	0.554	<1
1551-GW225	15	July '08	ug/L	4.8	6.8	<10	18.7	<10	33.1	29.4	<10	<10	<10	<10	<10
1551-GW225	27	July '08	ug/L	31.3	48.6	<10	86.5	<10	194	62.5	<10	<10	<10	<10	<10
1551-GW225	39	July '08	ug/L	30.8	14.5	<10	29.7	<10	106	34.9	<10	<10	<10	<10	<10
1551-GW225	51	July '08	ug/L	<4	4.3	<10	8.4	<10	41.4	15.4	<10	<10	<10	<10	<10
1551-GW226	22	July '08	ug/L	5.8	19.7	<10	26.1	<10	90	32.3	<10	<10	<10	<10	<10
1551-GW226	34	July '08	ug/L	24.4	11.6	<10	<20	<10	65.3	26.5	<10	<10	<10	<10	<10
1551-GW226	46	July '08	ug/L	5.9	<10	<10	<20	<10	12.4	5.7	<10	<10	<10	<10	<10
1551-GW226	58	July '08	ug/L	<4	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10
1551-GW227	21	July '08	ug/L	3.7	20.8	<10	29	<10	118	36.9	<10	<10	<10	<10	<10
1551-GW227	34	July '08	ug/L	16	4.7	<10	7.5	<10	85.4	28.2	<10	<10	<10	<10	<10
1551-GW227	47	July '08	ug/L	<4	4.1	<10	<20	<10	43.6	17.2	<10	<10	<10	<10	<10
1551-GW227	60	July '08	ug/L	<4	<10	<10	<20	<10	27.1	9.9	<10	<10	<10	<10	<10

**Soil**

Sample ID	Depth	Sample Date	Units	benzene	ethylbenzene	toluene	m & p-xylene	o-xylene	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	cis-1,2-dichloroethene	tetrachloroethene	trans-1,2-dichloroethene	trichloroethene	vinyl chloride
1551-MC117	12	Aug '07	mg/kg	<0.23	0.0713	<0.575	0.123	0.105	0.426	1.22	<0.575	<0.575	<0.575	<0.575	<0.575
1551-MC117	19	Aug '07	mg/kg	<0.213	0.0651	<0.533	0.137	<0.533	0.627	0.993	<0.533	<0.533	<0.533	<0.533	<0.533
1551-MC118	13	Aug '07	mg/kg	<0.219	0.0942	<0.547	0.237	0.0821	0.789	1.87	<0.547	<0.547	<0.547	<0.547	<0.547
1551-MC118	19	Aug '07	mg/kg	<0.234	0.209	<0.585	1.18	0.339	8.17	3.49	<0.585	<0.585	<0.585	<0.585	<0.585
1551-MC119	13	Aug '07	mg/kg	<0.235	0.159	<0.586	0.811	0.315	6.03	4.16	<0.586	<0.586	<0.586	<0.586	<0.586
1551-MC122	11	Aug '07	mg/kg	<0.238	0.0856	<0.595	0.226	0.323	0.703	4.07	<0.595	<0.595	<0.595	<0.595	<0.595
1551-MC245	9	July '08	mg/kg	0.273	1.23	<0.133	1.57	0.462	3.91	2.92	<0.0664	<0.0664	<0.0664	<0.0664	<0.0664
1551-MC245	11	July '08	mg/kg	0.137	1.42	<0.0857	3.08	1.6	9.2	3.35	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428
1551-MC245	13	July '08	mg/kg	0.0768	1.8	<0.0991	4.42	1.91	20.4	7.56	<0.0495	<0.0495	<0.0495	<0.0495	<0.0495
1551-MC245	15	July '08	mg/kg	0.0417	0.908	<0.0695	2.69	0.585	11.9	4.64	<0.0347	<0.0347	<0.0347	<0.0347	<0.0347
1551-MC245	17	July '08	mg/kg	0.0301	0.919	<0.0837	2.9	0.4	12	4.5	<0.0419	<0.0419	<0.0419	<0.0419	<0.0419
1551-MC245	20	July '08	mg/kg	0.0518	0.967	<0.0751	3.25	0.446	19.1	6.89	<0.0376	<0.0376	<0.0376	<0.0376	<0.0376
1551-MC245	28	July '08	mg/kg	0.141	1.2	<0.0728	4.54	2.31	14.8	4.91	<0.0364	<0.0364	<0.0364	<0.0364	<0.0364
1551-MC246	13	July '08	mg/kg	0.138	1.76	<0.0911	3.3	1.55	23.4	6.42	<0.0455	<0.0455	<0.0455	<0.0455	<0.0455
1551-MC246	20	July '08	mg/kg	0.179	1.67	<0.0869	5.07	2.8	28.5	10.1	<0.0435	<0.0435	<0.0435	<0.0435	<0.0435
1551-MC247	15	July '08	mg/kg	0.524	3.74	<0.113	15.4	6.8	43	13.5	<0.0564	<0.0564	<0.0564	<0.0564	<0.0564
1551-MC247	21	July '08	mg/kg	0.315	2.06	<0.0853	10.3	5.4	28.9	9.43	<0.0426	<0.0426	<0.0426	<0.0426	<0.0426

**Soil Gas**  
(none)

**Field Data**

Sample ID	Depth	Sample Date	carbon dioxide (percent)	carbon dioxide w/ 3:1 diluter (ppmV)	oxygen (percent)	oxygen w/ 3:1 diluter (ppmV)	photionization detector (ppmV)	TVH hexane equivalents (ppmV)	TVH hexane equivalents w/ 3:1 diluter (ppmV)
1551-SG108	10	Aug '07	9.3		0.3		165	40	
1551-SG109	10	Aug '07	11.2	8.6	1.5	6.8	132	35	0
1551-SG110	10	Aug '07	11.2	8.3	0.6	6.6		15	0
1551-SG112	9	Aug '07	4	2.6	15.3	16.9	64	35	80
1551-SG113	8	Aug '07	14		2.2		10.2	25	
1551-SG114	7	Aug '07	8.2	6	9.9	13.2	15.4	110	0
1551-SG115	9	Aug '07	12.4	9.6	1.5	7	190	40	0
1551-SG116	10	Aug '07	13.2	6.6	0.7		105	0	20

Former Building 1551  
Galena Airport  
August 2007 and July 2008 Results