

6th St and Birch St PI Site

XRF Results  
5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn	
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XRF Results  
5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn
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122	3/22/2024	11:15:11	34.729932	-112.02572		#39	2834	46	<LOD	<LOD	1574	537	69	<LOD	<LOD	<LOD	<LOD	<LOD	172	<LOD	125	<LOD	4437	<LOD	12605	147493	258	19652	36	483	288	<LOD
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124	3/22/2024	11:18:06	34.729761	-112.025825		#41	3980	67	<LOD	66	140	119	31	<LOD	<LOD	<LOD	<LOD	<LOD	314	<LOD	25	<LOD	<LOD	<LOD								



## 6th St and Birch St PI Site

XRF Results

5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn
264	3/26/2024	13:38:13	34.7374385	-112.0208837		#101	4,326	87	<LOD	44	152	583	22	<LOD	<LOD	<LOD	<LOD	269	<LOD	22	<LOD	<LOD	<LOD	14,044	108,714	442	33,811	27	243	217	<LOD	
265	3/26/2024	13:39:48	34.7374484	-112.0208264		#102	3,111	49	<LOD	43	138	557	23	<LOD	<LOD	<LOD	<LOD	180	<LOD	17	<LOD	1,828	<LOD	11,865	80,490	420	27,400	34	200	170	<LOD	
266	3/26/2024	13:44:56	34.7370679	-112.0209625		#103	3,509	69	<LOD	51	94	180	12	<LOD	<LOD	<LOD	<LOD	300	<LOD	16	<LOD	<LOD	<LOD	15,068	85,884	429	26,551	37	333	252	<LOD	
267	3/26/2024	13:47:02	34.737047	-112.0213809		#104	3,967	68	<LOD	<LOD	197	716	31	<LOD	<LOD	<LOD	<LOD	173	<LOD	28	<LOD	<LOD	<LOD	14,079	52,957	377	34,630	40	172	303	<LOD	
268	3/26/2024	14:02:42	34.7375046	-112.0206597		#106	3,716	70	<LOD	44	140	606	22	<LOD	<LOD	<LOD	<LOD	202	<LOD	19	<LOD	<LOD	<LOD	11,518	104,460	371	34,745	30	309	183	<LOD	
269	3/26/2024	14:04:44	34.7378132	-112.0206621		#107	3,769	<LOD	<LOD	<LOD	76	260	7	<LOD	<LOD	<LOD	<LOD	327	<LOD	<LOD	<LOD	<LOD	<LOD	16,018	43,893	564	32,222	45	357	114	<LOD	
270	3/26/2024	14:06:59	34.7374035	-112.0204968		#108	5,960	<LOD	<LOD	<LOD	261	763	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	46	<LOD	<LOD	<LOD	13,805	51,505	515	38,927	43	183	292	<LOD
271	3/26/2024	14:08:54	34.7374112	-112.0200958	0326#109, 0326#109	#109	4,265	94	<LOD	40	272	909	20	<LOD	<LOD	<LOD	<LOD	399	<LOD	58	17,156	<LOD	<LOD	13,805	51,505	515	38,927	43	183	292	<LOD	
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273	3/26/2024	14:16:37	34.7374319	-112.0194088		#112	5,892	110	<LOD	53	135	549	30	<LOD	<LOD	<LOD	<LOD	248	<LOD	32	17,298	<LOD	<LOD	13,061	58,166	461	49,520	34	177	399	<LOD	
274	3/26/2024	14:18:33	34.7374319	-112.0194088		#113	4,343	84	<LOD	38	111	231	13	<LOD	<LOD	<LOD	<LOD	215	<LOD	36	<LOD	<LOD	<LOD	13,852	89,359	440	32,805	34	189	265	<LOD	
275	3/26/2024	14:21:36	34.7371136	-112.0191168		#114	3,285	50	<LOD	<LOD	265	616	14	<LOD	<LOD	<LOD	<LOD	260	<LOD	41	<LOD	<LOD	<LOD	11,231	76,901	399	26,805	32	237	203	<LOD	
276	3/26/2024	15:22:51	34.7364295	-112.0229916		#119	2,747	73	<LOD	44	83	408	<LOD	<LOD	<LOD	<LOD	<LOD	229	<LOD	13	15,320	4,375	2,264	11,247	40,625	418	33,696	50	319	190	<LOD	
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278	3/26/2024	15:26:52	34.7360151	-112.0228538		#121	3,350	77	<LOD	57	223	1,252	24	<LOD	<LOD	<LOD	<LOD	205	<LOD	30	<LOD	2,748	<LOD	9,561	62,454	361	37,215	36	348	158	<LOD	
279	3/26/2024	15:28:49	34.73594	-112.0233185		#122	2,068	33	<LOD	<LOD	130	390	12	<LOD	<LOD	<LOD	<LOD	185	<LOD	14	<LOD	2,154	<LOD	11,786	73,166	320	29,983	36	339	136	<LOD	
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283	3/26/2024	15:43:26	34.7382639	-112.0245003		#126	2,798	41	<LOD	34	24	93	<LOD	<LOD	<LOD	<LOD	<LOD	227	<LOD	19	<LOD	<LOD	<LOD	11,730	81,276	295	19,975	38	575	125	<LOD	
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292	3/26/2024	16:00:03	34.738704	-112.024367		#143	3,632	52	<LOD	36	204	212	22	<LOD	<LOD	<LOD	<LOD	259	<LOD	49	<LOD	<LOD	<LOD	13,597	50,153	405	28,518	44	195	235	<LOD	
293	3/26/2024	16:02:44	34.738697	-112.024379		#147	4,780	78	<LOD	<LOD	192	212	25	<LOD	<LOD	<LOD	<LOD	287	<LOD	35	<LOD	<LOD	<LOD	15,519	70,925	432	31,999	43	192	410	<LOD	
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296	3/26/2024	16:31:04	34.7304088	-112.0286014		#153	2,576	33	<LOD	<LOD	100	78	9	<LOD	<LOD	<LOD	<LOD	178	<LOD	14	<LOD	<LOD	<LOD	12,393	83,685	227	15,350	38	306	151	<LOD	
297	3/26/2024	16:32:44	34.7306706	-112.0285247		#154	1,691	<LOD	<LOD	<LOD	761	210	18	<LOD	<LOD	<LOD	<LOD	68	<LOD	22	<LOD	<LOD	<LOD	8,412	99,137	139	13,094	30	318	139	<LOD	
298	3/26/2024	16:34:33	34.7308409	-112.0285726		#155	3,846	56	<LOD	47	610	501	24	<LOD	<LOD	<LOD	<LOD	245	<LOD	18	<LOD	1,861	<LOD	12,712	110,802	385	34,988	33	364	217	<LOD	
299	3/26/2024	16:36:46	34.7305496	-112.029105		#156	2,097	24	<LOD	<LOD	59	41	10	<LOD	<LOD	<LOD	<LOD	210	<LOD	<LOD	<LOD	<LOD	<LOD	11,808	62,869	184	11,966	37	310	173	<LOD	
300	3/27/2024	7:25:41	34.7361286	-112.0216421		#9	4,879	<LOD	<LOD	<LOD	103	632	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	571	39,370	77	233	324	<LOD
301	3/27/2024	7:27:08	34.736208	-112.0217712		#10	5,092	<LOD	<LOD	<LOD	120	700	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	24	<LOD	<LOD	<LOD	<LOD	<LOD	372	33,611	35	243	327	<LOD	
302	3/27/2024	7:32:19	34.7361928	-112.0215848		#11	4,025	69	<LOD	74	133	275	18	<LOD	<LOD	<LOD	<LOD	309	<LOD	26	<LOD	<LOD	<LOD	17,031	94,578	703	41,005	48	265	302	<LOD	
303	3/27/2024	7:35:10	34.7363496	-112.0212414		#12	4,864	152	<LOD	136	140	527	99	<LOD	<LOD	<LOD	<LOD	361	<LOD	18	<LOD	<LOD	<LOD	9,399								

## 6th St and Birch St PI Site

XRF Results

5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn	
352	3/27/2024	10:25:49	34.7357096	-112.0185995	0327#87	#87	5,428	114	<LOD	57	318	1,563	43	<LOD	<LOD	<LOD	<LOD	<LOD	358	<LOD	37	<LOD	2,762	<LOD	17,247	72,680	634	54,645	43	390	275	<LOD	
353	3/27/2024	10:28:06	34.7357126	-112.0185864		#88	5,802	101	<LOD	71	494	2,944	61	<LOD	<LOD	<LOD	<LOD	<LOD	445	<LOD	72	25,762	3,215	<LOD	17,233	93,018	597	82,130	39	388	321	<LOD	
354	3/27/2024	10:55:52	34.7350034	-112.0206198		#91	3,112	56	<LOD	<LOD	206	872	28	<LOD	<LOD	<LOD	<LOD	<LOD	185	<LOD	16	<LOD	<LOD	<LOD	9,624	71,209	359	37,170	22	436	147	<LOD	
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356	3/27/2024	11:00:46	34.7347244	-112.0205293		#93	4,734	102	<LOD	54	890	4,990	122	8	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	95	54,529	3,595	<LOD	11,236	123,363	424	138,515	27	249	237	<LOD	
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359	3/27/2024	11:28:58	34.7309453	-112.0260238		#96	1,680	23	<LOD	<LOD	441	238	15	<LOD	<LOD	<LOD	<LOD	<LOD	109	<LOD	66	<LOD	<LOD	<LOD	9,779	111,479	209	12,387	37	515	213	<LOD	
360	3/27/2024	11:30:53	34.7309538	-112.0261603		#97	520	<LOD	<LOD	<LOD	129	103	24	<LOD	<LOD	<LOD	<LOD	<LOD	121	<LOD	18	<LOD	<LOD	<LOD	3,935	367,397	51	3,242	<LOD	473	27	<LOD	
361	3/27/2024	11:33:25	34.7308538	-112.0259387		#101	<LOD	<LOD	<LOD	<LOD	514	280	68	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	35						291	15,344	35	426	404	<LOD	
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363	3/27/2024	11:37:50	34.7308243	-112.0261184		#104	1,940	21	<LOD	<LOD	462	245	16	<LOD	<LOD	<LOD	<LOD	<LOD	63	<LOD	41	<LOD	<LOD	<LOD	9,750	80,672	189	11,569	37	537	164	<LOD	
364	3/27/2024	11:40:33	34.7308425	-112.0262139		#105	2,429	34	<LOD	<LOD	44	170	92	15	<LOD	<LOD	<LOD	<LOD	167	<LOD	19	<LOD	<LOD	<LOD	11,696	54,517	229	16,187	52	433	229	<LOD	
365	3/27/2024	11:43:05	34.7307185	-112.0258314		#106	2,296	<LOD	<LOD	<LOD	578	218	70	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	39						207	13,182	42	619	276	<LOD	
366	3/27/2024	13:07:26	34.7297988	-112.0196764	0327#110, 0327#110	#110	4,774	107	<LOD	<LOD	487	3,956	86	<LOD	<LOD	<LOD	<LOD	<LOD	341	<LOD	95	30,712	<LOD	<LOD	13,940	110,497	528	104,439	33	525	322	<LOD	
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369	3/27/2024	13:16:36	34.7300192	-112.0192435		#113	4,894	109	<LOD	65	312	1,901	40	<LOD	12	<LOD	<LOD	<LOD	285	<LOD	80	<LOD	6,381	2,062	13,350	187,932	510	66,301	20	744	246	<LOD	
370	3/27/2024	13:18:47	34.7298839	-112.0189247		#114	3,339	58	<LOD	86	103	160	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	242	<LOD	21	<LOD	16,970	<LOD	10,774	172,601	413	27,642	37	500	201	<LOD	
371	3/27/2024	13:20:42	34.7300884	-112.0186478		#116	3,745	71	<LOD	50	432	1,136	27	<LOD	<LOD	<LOD	<LOD	<LOD	288	<LOD	79	<LOD	3,972	703	13,557	144,958	442	41,446	24	447	223	<LOD	
372	3/27/2024	13:24:26	34.7304705	-112.0191148		#117	3,129	66	<LOD	<LOD	229	810	23	<LOD	10	<LOD	<LOD	<LOD	176	<LOD	34	<LOD	<LOD	<LOD	12,964	110,355	377	42,969	36	602	193	<LOD	
373	3/27/2024	13:26:32	34.7303173	-112.0188861		#118	3,453	75	<LOD	<LOD	908	3,989	66	<LOD	<LOD	<LOD	<LOD	<LOD	233	<LOD	147	24,253	<LOD	<LOD	12,245	111,958	425	82,675	40	403	184	<LOD	
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375	3/27/2024	13:40:08	34.7297483	-112.0143203		#120	3,806	76	<LOD	54	128	359	13	<LOD	<LOD	<LOD	<LOD	<LOD	216	<LOD	41	<LOD	<LOD	<LOD	10,244	120,324	468	38,092	32	310	191	<LOD	
376	3/27/2024	13:42:02	34.7295822	-112.0142975		#121	4,430	92	<LOD	<LOD	64	328	16	<LOD	<LOD	<LOD	<LOD	<LOD	283	<LOD	20	21,099	3,494	<LOD	12,587	118,487	544	36,810	28	377	187	<LOD	
377	3/27/2024	13:44:20	34.7292485	-112.0141916		#122	3,951	62	<LOD	49	91	287	17	<LOD	<LOD	<LOD	<LOD	<LOD	221	<LOD	21	<LOD	4,405	504	14,022	10,857	407	385	27,379	34	276	289	<LOD
378	3/27/2024	13:56:17	34.7335213	-112.0156517		#123	5,189	90	<LOD	77	54	88	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	313	<LOD	<LOD	<LOD	<LOD	<LOD	10,936	134,953	636	36,606	33	558	136	<LOD	
379	3/27/2024	13:57:43	34.733518	-112.015652		#124	3,247	63	<LOD	56	50	83	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	233	<LOD	11	<LOD	<LOD	<LOD	10,323	101,819	423	24,035	42	575	136	<LOD	
380	3/27/2024	13:59:09	34.7335213	-112.0156517		#126	4,459	<LOD	<LOD	<LOD	58	62	109	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD						477	24,924	60	596	152	<LOD	
381	3/27/2024	14:01:42	34.733343	-112.0146459		#127	4,051	69	<LOD	43	39	89	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	250	<LOD	11	<LOD	<LOD	<LOD	11,197	122,640	417	27,799	68	504	158	<LOD	
382	3/27/2024	14:02:44	34.7333552	-112.0146352	0328#128, 0328#128	#128	4,444	126	<LOD	112	63	64	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	477	<LOD	<LOD	<LOD	1,302	11,267	230,689	744	46,075	21	712	135	<LOD		
383	3/27/2024	15:07:19	34.732119	-112.0143287		#132	3,023	53	<LOD	88	65	118	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	300	<LOD	16	<LOD	1,961	<LOD	8,479	87,640	760	24,503	18	381	127	<LOD	
384	3/27/2024	15:10:36	34.7321453	-112.0140458		#133	4,484	76	<LOD	49	85	160	15	<LOD	10	<LOD	<LOD	<LOD	265	<LOD	18	<LOD	<LOD	<LOD	12,435	68,587	405	37,886	42	337	223	<LOD	
385	3/27/2024	15:12:33	34.7322475	-112.0138734		#137	3,601	<LOD	<LOD	<LOD	<LOD	175	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	33					292	25,572	18	544	151	<LOD		
386	3/27/2024	15:14:06	34.7321662	-112.013678		#138	5,866	107	<LOD	57	127	295	18	<LOD	<LOD	<LOD	<LOD	<LOD	349	14	34	<LOD	<LOD	<LOD	17,384	83,414	576	43,779	46	298	391	<LOD	
387	3/27/2024	15:15:45	34.7321659	-112.0136756	0327#139, 0327#139	#139	5,998	108	<LOD	44	130	183	13	<LOD	<LOD	<LOD	<LOD	<LOD	362	<LOD	32	<LOD	<LOD	<LOD	17,588	76,117	637	43,063	42	266	292	<LOD	
388	3/27/2024	15:19:41	34.7322544	-112.0134738		#140	4,486	85	<LOD	75	195	329	15	<LOD	<LOD	<LOD	<LOD	<LOD	292	<LOD	31	<LOD	2,558	<LOD	14,785	137,209	524	37,249	38	435	200	<LOD	
389	3/27/2024	15:21:31	34.7322514	-112.0132669		#141	4,156	82	<LOD	52	148	180	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	302	<LOD	35	<LOD	2,113	<LOD	11,522	88,239	439	29,021	30	333	214	<LOD	
390	3/27/2024	15:23:34	34.7321657	-112.0130855		#143	3,757	42	<LOD	47	141	519	18	<LOD	19	<LOD	<LOD	<LOD	305	<LOD	21	<LOD	4,319	<LOD	10,949	92,325	342	36,603	37	428	350	<LOD	

6th St and Birch St PI Site

XRF Results  
5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn
440	3/28/2024	7:51:45	34.7285742	-112.0221443		#14	2,787	40	<LOD	42	97	121	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	200	<LOD	17	<LOD	<LOD	<LOD	10,993	46,142	359	24,020	34	310	170	<LOD
441	3/28/2024	7:53:47	34.7287032	-112.022364	0328#15	#15	4,742	104	<LOD	<LOD	359	265	20	<LOD	<LOD	<LOD	<LOD	<LOD	274	<LOD	76	<LOD	<LOD	<LOD	16,567	33,765	546	31,967	50	169	242	<LOD
442	3/28/2024	7:59:19	34.7285759	-112.0226328		#16	3,892	51	<LOD	41	122	128	14	<LOD	<LOD	<LOD	<LOD	<LOD	265	<LOD	23	<LOD	<LOD	<LOD	12,778	63,060	474	29,882	49	257	210	<LOD
443	3/28/2024	8:02:09	34.7285941	-112.0229829		#17	5,488	106	<LOD	64	101	180	15	<LOD	<LOD	<LOD	<LOD	<LOD	279	<LOD	40	<LOD	<LOD	<LOD	18,488	81,408	627	50,448	44	261	307	<LOD
444	3/28/2024	8:05:06	34.728583	-112.022972		#21	4,812	80	<LOD	52	90	193	12	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	24	<LOD	<LOD	<LOD	14,844	78,266	406	32,632	43	316	315	<LOD
445	3/28/2024	8:06:32	34.7285698	-112.0229416		#22	4,712	110	<LOD	48	147	227	17	<LOD	<LOD	<LOD	<LOD	<LOD	340	<LOD	44	<LOD	<LOD	<LOD	15,946	90,115	497	34,501	42	305	300	<LOD
446	3/28/2024	8:07:53	34.7285654	-112.0229534		#23	3,620	46	<LOD	57	179	237	14	<LOD	<LOD	<LOD	<LOD	<LOD	249	<LOD	40	<LOD	<LOD	<LOD	15,244	71,586	420	29,469	47	267	279	<LOD
447	3/28/2024	8:10:00	34.7286117	-112.0231586		#24	4,383	90	<LOD	48	66	137	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	278	<LOD	15	<LOD	1,932	<LOD	15,916	68,499	411	32,055	47	604	252	<LOD
448	3/28/2024	8:11:40	34.7286048	-112.0233611		#25	4,532	109	<LOD	62	58	136	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	347	<LOD	16	<LOD	4,447	735	11,348	153,928	407	36,625	28	521	216	<LOD
449	3/28/2024	8:12:50	34.7286048	-112.0233611	0328#26	#26	5,562	100	<LOD	<LOD	67	162	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	395	<LOD	19	<LOD	6,038	736	14,432	163,735	500	37,775	32	646	250	<LOD
450	3/28/2024	8:18:09	34.7286054	-112.0235371		#28	3,799	51	<LOD	67	34	186	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	315	<LOD	16	<LOD	5,497	<LOD	11,261	115,381	391	27,426	27	545	128	<LOD
451	3/28/2024	8:20:11	34.7287032	-112.0237416		#29	2,935	47	<LOD	34	36	106	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	232	<LOD	14	<LOD	2,885	<LOD	10,577	67,345	361	23,339	25	476	167	<LOD
452	3/28/2024	8:22:11	34.72804	-112.0239052		#30	4,871	109	<LOD	61	112	213	10	<LOD	9	<LOD	<LOD	<LOD	319	<LOD	16	<LOD	<LOD	<LOD	15,510	76,708	501	31,014	32	405	246	<LOD
453	3/28/2024	8:23:35	34.728604	-112.0239052		#31	4,308	79	<LOD	35	114	212	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	233	<LOD	22	<LOD	<LOD	<LOD	14,800	67,386	496	27,929	39	328	211	<LOD
454	3/28/2024	8:27:42	34.72872	-112.0241567		#32	7,242	138	<LOD	66	146	321	14	<LOD	<LOD	<LOD	<LOD	<LOD	376	<LOD	47	<LOD	<LOD	<LOD	19,109	65,731	593	38,868	54	261	326	<LOD
455	3/28/2024	8:29:00	34.7287219	-112.0241617	0328#33	#33	6,545	140	<LOD	42	179	324	12	<LOD	<LOD	<LOD	<LOD	<LOD	389	<LOD	48	<LOD	<LOD	<LOD	17,684	61,278	587	38,294	52	278	408	<LOD
456	3/28/2024	8:42:40	34.7286933	-112.024555		#36	3,130	45	<LOD	<LOD	56	181	16	<LOD	<LOD	<LOD	<LOD	<LOD	353	<LOD	20	<LOD	7,326	<LOD	13,223	68,677	552	30,735	36	430	175	<LOD
457	3/28/2024	8:44:24	34.7286037	-112.0246844		#37	3,467	62	<LOD	63	62	152	11	<LOD	<LOD	<LOD	<LOD	<LOD	237	<LOD	22	<LOD	4,133	<LOD	10,651	106,176	597	28,558	22	590	175	<LOD
458	3/28/2024	8:46:55	34.7286955	-112.0246668		#38	3,919	69	<LOD	51	66	203	18	<LOD	<LOD	<LOD	<LOD	<LOD	257	<LOD	<LOD	<LOD	6,224	<LOD	11,277	115,400	409	28,550	26	483	133	<LOD
459	3/28/2024	8:48:23	34.7286315	-112.025011		#39	5,157	86	<LOD	<LOD	77	217	44	<LOD	<LOD	<LOD	<LOD	<LOD	277	<LOD	16	<LOD	2,568	<LOD	14,955	77,864	590	42,513	39	346	200	<LOD
460	3/28/2024	8:50:07	34.7287109	-112.0252524	0328#40, 0328#40	#40	6,737	144	<LOD	65	343	359	20	<LOD	<LOD	<LOD	<LOD	<LOD	359	<LOD	62	<LOD	<LOD	<LOD	17,573	68,456	644	42,387	41	314	393	<LOD
461	3/28/2024	8:51:12	34.728722	-112.02525		#41	5,888	140	<LOD	52	267	289	25	7	<LOD	<LOD	<LOD	<LOD	363	<LOD	39	<LOD	<LOD	<LOD	18,112	66,242	656	39,653	43	285	327	<LOD
462	3/28/2024	8:56:30	34.7285916	-112.0254176		#42	3,678	37	<LOD	<LOD	40	105	8	<LOD	<LOD	<LOD	<LOD	<LOD	344	<LOD	13	<LOD	<LOD	<LOD	16,489	26,488	908	35,752	48	363	169	<LOD
463	3/28/2024	8:58:16	34.7286948	-112.0255887		#43	4,369	62	<LOD	38	104	188	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	257	<LOD	22	<LOD	2,151	<LOD	15,407	91,295	538	28,819	38	462	229	<LOD
464	3/28/2024	8:59:56	34.728596	-112.0258545		#44	5,013	56	<LOD	58	53	114	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	273	<LOD	16	<LOD	<LOD	<LOD	14,448	31,046	838	39,857	41	371	170	<LOD
465	3/28/2024	9:01:42	34.7287214	-112.0260222		#45	2,830	49	<LOD	62	71	157	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	289	<LOD	21	<LOD	<LOD	<LOD	13,588	81,677	338	25,280	51	485	259	<LOD
466	3/28/2024	9:03:20	34.7286065	-112.0262431		#46	6,097	97	<LOD	46	90	151	17	<LOD	<LOD	<LOD	<LOD	<LOD	396	<LOD	30	<LOD	<LOD	<LOD	16,713	82,232	631	36,348	57	347	315	<LOD
467	3/28/2024	9:05:05	34.7287335	-112.0264312		#47	5,768	84	<LOD	47	145	256	20	<LOD	<LOD	<LOD	<LOD	<LOD	371	<LOD	31	<LOD	<LOD	<LOD	19,447	67,256	583	36,490	63	281	380	<LOD
468	3/28/2024	9:06:32	34.7286156	-112.0266246		#48	8,035	113	<LOD	47	78	162	103	<LOD	<LOD	<LOD	<LOD	<LOD	588	<LOD	18	27,848	<LOD	<LOD	11,413	79,317	2,597	82,329	30	309	243	<LOD
469	3/28/2024	9:07:37	34.728611	-112.026639		#49	6,838	99	<LOD	<LOD	84	151	95	<LOD	<LOD	<LOD	<LOD	<LOD	462	<LOD	17	23,956	<LOD	<LOD	11,802	88,671	1,690	61,399	36	348	294	<LOD
470	3/28/2024	9:09:17	34.7286111	-112.0267517		#50	5,736	96	<LOD	53	99	166	39	<LOD	<LOD	<LOD	<LOD	<LOD	286	<LOD	14	<LOD	<LOD	<LOD	11,490	100,076	1,401	47,475	28	415	563	<LOD
471	3/28/2024	9:11:34	34.728712	-112.026914		#51	3,315	48	<LOD	<LOD	56	135	10	<LOD	<LOD	<LOD	<LOD	<LOD	173	<LOD	13	<LOD	<LOD	<LOD	11,647	72,525	271	21,908	32	323	267	<LOD
472	3/28/2024	9:13:05	34.7286117	-112.0271993	0328#52	#52	5,204	108	<LOD	57	77	141	113	<LOD	<LOD	<LOD	<LOD	<LOD	283	<LOD	13	15,738	<LOD	<LOD	12,218	67,951	1,361	49,957	33	368	244	<LOD
473	3/28/2024	9:14:13	34.7286117	-112.0271993		#53	6,494	150	<LOD	86	118	169	107	<LOD	<LOD	<LOD	<LOD	<LOD	408	<LOD	12	15,695	<LOD	<LOD	14,646	73,438	1,151	52,483	33	439	214	<LOD
474	3/28/2024	9:17:32	34.7287178	-112.0273649		#54	4,618	36	<LOD	<LOD	27	109	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	172	<LOD	<LOD	<LOD	2,055	<LOD	11,489	68,768	313	19,904	22	314	1	



6th St and Birch St PI Site

XRF Results  
5/7/2024

Location ID	Date	Time	Latitude	Longitude	Lab Sample ID	XRF #	Ti	Cr	Co	Ni	Cu	Zn	As	Se	Mo	Ag	Cd	Sb	Ba	Hg	Pb	P	S	Cl	K	Ca	Mn	Fe	Rb	Sr	Zr	Sn
616	3/29/2024	12:33:37	34.738088	-112.013163		#44	4,065	75	<LOD	34	63	264	8	<LOD	<LOD	<LOD	<LOD	<LOD	268	<LOD	20	<LOD	3,596	<LOD	11,413	79,208	446	25,717	21	307	190	<LOD
617	3/29/2024	12:36:52	34.7386	-112.013145		#45	5,404	93	<LOD	71	57	289	10	<LOD	<LOD	<LOD	<LOD	<LOD	294	<LOD	15	23,114	3,233	<LOD	11,629	161,962	468	35,996	31	588	186	<LOD
618	3/29/2024	12:38:43	34.73884	-112.013168		#46	4,671	106	<LOD	72	60	174	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	436	<LOD	23	<LOD	6,834	<LOD	12,780	164,170	420	30,778	20	569	234	<LOD
619	3/29/2024	12:40:05	34.73884	-112.013168		#47	4,838	83	<LOD	62	59	154	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	329	<LOD	18	<LOD	2,748	<LOD	10,978	163,856	415	34,297	25	476	249	<LOD
620	3/29/2024	12:42:06	34.73916	-112.013162	0329#48	#48	5,960	116	<LOD	65	59	181	<LOD	<LOD	<LOD	<LOD	<LOD	<LOD	324	<LOD	42	<LOD	<LOD	<LOD	14,644	69,603	453	37,515	43	298	370	<LOD
621	3/26/2024	13:48:59	34.7370288	-1120217474		#105	3,318	68	<LOD	39	86	329	14	<LOD	<LOD	<LOD	<LOD	<LOD	246	<LOD	23	<LOD	<LOD	<LOD	13,560	86,555	341	26,035	40	162	236	<LOD
<b>Residential SRL</b>							<b>310,000</b>	<b>120,000</b>	<b>1,400</b>	<b>1,600</b>	<b>3,100</b>	<b>23,000</b>	<b>10</b>	<b>390</b>	<b>390</b>	<b>390</b>	<b>39</b>	<b>31</b>	<b>15,000</b>	<b>23</b>	<b>400</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>3,300</b>	<b>NE</b>	<b>NE</b>	<b>47,000</b>	<b>NE</b>	<b>47,000</b>

Notes:

Table shows XRF readings for metals from hand-held Olympus Delta Pro XRF analyzer.

All concentrations are reported in milligrams per kilogram (mg/Kg)

Yellow highlighted value = greater than the residential Soil Remediation Level (SRL)

Lab Sample ID designates that a soil sample was collected for lab analysis. Lab results are not included here.

<LOD = Limit of Detection

Ti = titanium

Cr = total chromium

Co = cobalt

Ni = nickel

Cu = copper

Zn = zinc

As = arsenic

Se = selenium

Mo = molybdenum

Ag = silver

Cd = cadmium

Sb = antimony

Ba = barium

Hg = mercury

Pb = lead

P = phosphorus

S = Sulfur

Cl = chlorine

K = potassium

Ca = calcium

Mn = manganese

Fe = iron

Rb = rubidium

Sr = strontium

Zr = zirconium

Sn = tin