

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
X1	0-0.25	1	95	24			34.52309754080	-82.99228078040
	0-0.25	2	73	21			34.52308911520	-82.99224230020
	0-0.25	3	81	20			34.52312986860	-82.99225041850
	0-0.25	4	57	21			34.52306072850	-82.99230155230
	0-0.25	5	236	38			34.52315488040	-82.99229956970
Average			108	25				
X2	0-0.25	1	75	21			34.52319258500	-82.99221351170
	0-0.25	2	81	19			34.52322835950	-82.99218106510
	0-0.25	3	34	16			34.52321431490	-82.99225254830
	0-0.25	4	52	19			34.52315141810	-82.99223750010
	0-0.25	5	67	18			34.52316343380	-82.99218072020
Average			62	19				
X3	0-0.25	1	98	23			34.52327854560	-82.99210845520
	0-0.25	2	124	17			34.52332346470	-82.99209619930
	0-0.25	3	58	14			34.52323810270	-82.99214220220
	0-0.25	4	30	16			34.52325539410	-82.99203522710
	0-0.25	5	82	20			34.52329339430	-82.99214991350
Average			78	18				
X4	0-0.25	1	279	28			34.52334912100	-82.99201330970
	0-0.25	2	139	26			34.52339920820	-82.99200528390
	0-0.25	3	102	21			34.52334325850	-82.99205680120
	0-0.25	4	212	23			34.52329189140	-82.99200298380
	0-0.25	5	122	20			34.52333985620	-82.99194282360
Average			171	24				
X5	0-0.25	1	240	29			34.52343248470	-82.99190067600
	0-0.25	2	305	35			34.52341120900	-82.99182967670
	0-0.25	3	452	34			34.52344579980	-82.99186981660
	0-0.25	4	52	18			34.52341156410	-82.99194040420
	0-0.25	5	79	16			34.52346529510	-82.99192574620
Average			225	26				

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Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
X6	0-0.25	1	405	41			34.52351453610	-82.99182157970
	0-0.25	2	503	59			34.52347311740	-82.99176643050
	0-0.25	3	142	22			34.52350414790	-82.99176318230
	0-0.25	4	133	25			34.52353019320	-82.99184119380
	0-0.25	5	226	24			34.52345421480	-82.99183134680
Average			282	34				
X7	0-0.25	1	32	12	< LOD	14	34.52355440920	-82.99166365590
	0-0.25	2	724	39	< LOD	44	34.52357976490	-82.99171390700
	0-0.25	3	250	24	< LOD	28	34.52361098090	-82.99170204070
	0-0.25	4	403	30	< LOD	34	34.52361125910	-82.99174932060
	0-0.25	5	714	39	70	31	34.52355755840	-82.99175908220
Average			424	29	14	30		
X8	0-0.25	1	23	12	< LOD	13	34.52366255030	-82.99166730500
	0-0.25	2	25	13	< LOD	15	34.52364298520	-82.99160047720
	0-0.25	3	258	26	< LOD	29	34.52363822240	-82.99156951520
	0-0.25	4	1231	51	< LOD	56	34.52359375690	-82.99160827350
	0-0.25	5	110	18	< LOD	20	34.52369906940	-82.99162124480
Average			330	24	<LOD	27		
X9	0-0.25	1	427	33	< LOD	36	34.52367762870	-82.99151779780
	0-0.25	2	399	31	43	24	34.52374853850	-82.99146408470
	0-0.25	3	191	21	< LOD	24	34.52374104830	-82.99150288640
	0-0.25	4	< LOD	14	14	8	34.52380042250	-82.99151217220
	0-0.25	5	104	17	< LOD	19	34.52373677920	-82.99158151470
Average			280	23	11	22		
Y1	0-0.25	1	206	29			34.52304562030	-82.99217525030
	0-0.25	2	161	23			34.52306909560	-82.99219193440
	0-0.25	3	151	21			34.52306455370	-82.99216204250
	0-0.25	4	50	13			34.52302838770	-82.99215128530
	0-0.25	5	73	17			34.52303319950	-82.99212340950
Average			128	21				

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Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
Y2	0-0.25	1	153	19			34.52311165060	-82.99209019540
	0-0.25	2	124	27			34.52309601330	-82.99204813430
	0-0.25	3	180	24			34.52306007830	-82.99209071490
	0-0.25	4	63	18			34.52316638460	-82.99209867600
	0-0.25	5	52	20			34.52312071580	-82.99214554200
Average			115	22				
Y3	0-0.25	1	61	16			34.52318550690	-82.99198667620
	0-0.25	2	58	17			34.52317491530	-82.99193256960
	0-0.25	3	308	34			34.52322563470	-82.99198584820
	0-0.25	4	27	16			34.52315173570	-82.99204696390
	0-0.25	5	128	23			34.52314034880	-82.99200226420
Average			116	21				
Y4	0-0.25	1	221	24			34.52326366690	-82.99189230070
	0-0.25	2	1,196	57			34.52330846460	-82.99191610890
	0-0.25	3	126	23			34.52329519580	-82.99186405130
	0-0.25	4	242	27			34.52324036130	-82.99186366000
	0-0.25	5	130	27			34.52323177800	-82.99193990860
Average			383	32				
Y5	0-0.25	1	143	29			34.52334705740	-82.99180079150
	0-0.25	2	69	19			34.52338814110	-82.99180203830
	0-0.25	3	53	19			34.52332506310	-82.99177089560
	0-0.25	4	40	15			34.52331474990	-82.99183341910
	0-0.25	5	52	22			34.52335232970	-82.99185529580
Average			72	21				
Y6	0-0.25	1	329	34			34.52351453610	-82.99182157970
	0-0.25	2	179	21			34.52347311740	-82.99176643050
	0-0.25	3	349	37			34.52350414790	-82.99176318230
	0-0.25	4	73	22			34.52353019320	-82.99184119380
	0-0.25	5	450	33			34.52345421480	-82.99183134680
Average			276	29				

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Y7	0-0.25	1	496	34	< LOD	38	34.52356185770	-82.99161787720
	0-0.25	2	716	41	< LOD	46	34.52349660980	-82.99167334410
	0-0.25	3	158	20	< LOD	23	34.52350360950	-82.99164733320
	0-0.25	4	130	19	< LOD	22	34.52354522730	-82.99159417810
	0-0.25	5	1203	50	144	39	34.52352530040	-82.99161750590
Average			540	33	29	34		
Y8	0-0.25	1	3172	83	< LOD	92	34.52356233630	-82.99155091480
	0-0.25	2	784	47	< LOD	53	34.52357373630	-82.99147163090
	0-0.25	3	1629	60	144	47	34.52361262180	-82.99150975760
	0-0.25	4	151	21	< LOD	24	34.52359205640	-82.99154716050
	0-0.25	5	18929	250	< LOD	278	34.52355130050	-82.99149009960
Average			4933	92	29	99		
Y9	0-0.25	1	345	27	< LOD	31	34.52361751090	-82.99142819460
	0-0.25	2	2710	77	< LOD	87	34.52364952850	-82.99148137800
	0-0.25	3	334	26	< LOD	28	34.52369019810	-82.99141397980
	0-0.25	4	561	34	< LOD	36	34.52366214560	-82.99137484380
	0-0.25	5	19	11	< LOD	12	34.52363769170	-82.99138832190
Average			794	35	<LOD	39		
Y10	0-0.25	1	472	31	< LOD	34	34.52369085940	-82.99132183320
	0-0.25	2	323	27	< LOD	30	34.52371969960	-82.99127416910
	0-0.25	3	21	11	< LOD	12	34.52377383970	-82.99131946050
	0-0.25	4	< LOD	16	< LOD	12	34.52373603050	-82.99138092380
	0-0.25	5	326	23	< LOD	26	34.52374990670	-82.99129827080
Average			285	21	<LOD	23		
Z2	0-0.25	1	73	23			34.52304686890	-82.99199673910
	0-0.25	2	145	25			34.52305868570	-82.99204397130
	0-0.25	3	160	25			34.52307898620	-82.99199713070
	0-0.25	4	261	21			34.52303311550	-82.99195382720
	0-0.25	5	156	24			34.52300255720	-82.99201114760
Average			159	24				

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Z3	0-0.25	1	63	18			34.52312400670	-82.99190415220
	0-0.25	2	188	27			34.52315704760	-82.99190793940
	0-0.25	3	408	40			34.52309123030	-82.99185809580
	0-0.25	4	166	25			34.52307854260	-82.99194300060
	0-0.25	5	111	26			34.52312489010	-82.99194954830
Average			187	27				
Z4	0-0.25	1	289	27			34.52320266890	-82.99181402460
	0-0.25	2	89	23			34.52322843190	-82.99181768730
	0-0.25	3	80	23			34.52318257340	-82.99185745840
	0-0.25	4	215	48			34.52314746400	-82.99180674130
	0-0.25	5	212	27			34.52317480250	-82.99175386730
Average			177	30				
Z5	0-0.25	1	284	30			34.52324906070	-82.99169925450
	0-0.25	2	303	33			34.52324309490	-82.99175455660
	0-0.25	3	191	27			34.52324309490	-82.99173658950
	0-0.25	4	325	35			34.52328598580	-82.99167122100
	0-0.25	5	371	34			34.52323509900	-82.99167245700
Average			295	32				
Z6	0-0.25	1	1,482	55			34.52334222370	-82.99162227190
	0-0.25	2	1,309	69			34.52330808270	-82.99166522610
	0-0.25	3	350	31			34.52330355660	-82.99159200550
	0-0.25	4	216	24			34.52335284680	-82.99166980750
	0-0.25	5	208	25			34.52336754340	-82.99160328210
Average			713	41				
Z7	0-0.25	1	111,667	1,113			34.52346638550	-82.99151106330
	0-0.25	2	10,378	191			34.52341849290	-82.99146734240
	0-0.25	3	133,428	1,345			34.52343231230	-82.99156977020
	0-0.25	4	535	42			34.52340245070	-82.99150994680
	0-0.25	5	1,077,621	7,792			34.52339916550	-82.99155180390
Average			266,726	2,097				

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Z8	0-0.25	1	20,311	278			34.52354005000	-82.99141524990
	0-0.25	2	15,493	228			34.52350296130	-82.99144988810
	0-0.25	3	462,175	3,458			34.52346181180	-82.99142641400
	0-0.25	4	1,211	54			34.52350905610	-82.99137715490
	0-0.25	5	2,004	74			34.52349585240	-82.99136201570
Average			100,239	818				
Z9	0-0.25	1	345	26	< LOD	29	34.52363620220	-82.99131952800
	0-0.25	2	415	28	< LOD	32	34.52361694590	-82.99136341180
	0-0.25	3	916	44	149	35	34.52355026850	-82.99127451950
	0-0.25	4	2867	79	147	60	34.52359012790	-82.99127447510
	0-0.25	5	32	12	16	9	34.52357359510	-82.99135519360
Average			915	38	62	33		
Z10	0-0.25	1	37	13	< LOD	14	34.52361357030	-82.99122710850
	0-0.25	2	68	14	< LOD	16	34.52368430050	-82.99125441110
	0-0.25	3	43	13	< LOD	13	34.52365404250	-82.99118765360
	0-0.25	4	858	40	< LOD	45	34.52369229070	-82.99122396000
	0-0.25	5	629	34	< LOD	38	34.52364542330	-82.99126960410
Average			327	23	<LOD	25		
Z11	0-0.25	1	434	29	< LOD	33	34.52378336380	-82.99114158840
	0-0.25	2	80	16	< LOD	17	34.52375757960	-82.99109697690
	0-0.25	3	914	51	< LOD	58	34.52369346710	-82.99110931750
	0-0.25	4	170	21	< LOD	25	34.52370619980	-82.99115688380
	0-0.25	5	1711	55	65	42	34.52373655500	-82.99113948490
Average			719	36	13	35		
AA2	0-0.25	1	56	19			34.52296459660	-82.99191916730
	0-0.25	2	84	18			34.52292451680	-82.99195480770
	0-0.25	3	83	21			34.52291156070	-82.99189703130
	0-0.25	4	169	23			34.52296964470	-82.99185781220
	0-0.25	5	184	30			34.52299938020	-82.99192113940
Average			115	22				

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AA3	0-0.25	1	89	22			34.52303793200	-82.99181686320
	0-0.25	2	174	23			34.52306597830	-82.99178217480
	0-0.25	3	129	20			34.52306505800	-82.99183154720
	0-0.25	4	64	23			34.52301177120	-82.99185357900
	0-0.25	5	85	19			34.52299178870	-82.99179028320
Average			108	21				
AA4	0-0.25	1	643	41			34.52311981810	-82.99172150100
	0-0.25	2	130	18			34.52306931560	-82.99169268260
	0-0.25	3	1,288	54			34.52315974510	-82.99171821610
	0-0.25	4	108	25			34.52310154010	-82.99175506260
	0-0.25	5	525	48			34.52305771890	-82.99174206360
Average			539	37				
AA5	0-0.25	1	744	57			34.52318064820	-82.99162696670
	0-0.25	2	147	20			34.52320967610	-82.99159087480
	0-0.25	3	171	34			34.52323527400	-82.99163805340
	0-0.25	4	281	32			34.52315438800	-82.99167064890
	0-0.25	5	247	40			34.52314972650	-82.99158394140
Average			318	37				
AA6	0-0.25	1	750	43			34.52325588550	-82.99153411430
	0-0.25	2	725	46			34.52324048400	-82.99150461460
	0-0.25	3	675	53			34.52321825260	-82.99149727350
	0-0.25	4	175	29			34.52322548020	-82.99156175290
	0-0.25	5	69	17			34.52326675110	-82.99157316890
Average			479	38				
AA8	0-0.25	1	250,838	2,073			34.52345844370	-82.99129979470
	0-0.25	2	243,642	2,026			34.52341785550	-82.99139089120
	0-0.25	3	419,008	3,263			34.52344822480	-82.99134466840
	0-0.25	4	13,515	245			34.52342853720	-82.99126198920
	0-0.25	5	5,749	139			34.52341123190	-82.99125505990
Average			186,550	1,549				

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AA9	0-0.25	1	3,903	109			34.52348993350	-82.99124405730
	0-0.25	2	51,647	586			34.52344659190	-82.99122263580
	0-0.25	3	4,298	121			34.52348097920	-82.99118441160
	0-0.25	4	11,348	206			34.52350434380	-82.99127511920
	0-0.25	5	57,896	624			34.52345294260	-82.99123722450
Average			25,818	329				
AA10	0-0.25	1	11,296	189			34.52357285690	-82.99112961780
	0-0.25	2	790	49			34.52360223030	-82.99109158900
	0-0.25	3	4,076	109			34.52353858800	-82.99111298020
	0-0.25	4	4,243	113			34.52357285690	-82.99119260290
	0-0.25	5	5,205	123			34.52359831390	-82.99114863220
Average			5,122	117				
AA11	0-0.25	1	938	42	100	33	34.52370147600	-82.99104667200
	0-0.25	2	136	18	< LOD	21	34.52365198100	-82.99109390820
	0-0.25	3	1234	47	< LOD	53	34.52360286970	-82.99103064800
	0-0.25	4	798	38	49	29	34.52365245070	-82.99098162380
	0-0.25	5	932	44	< LOD	49	34.52366567150	-82.99103987430
Average			808	38	30	37		
AA12	0-0.25	1	420	35	< LOD	40	34.52369096410	-82.99094599310
	0-0.25	2	316	27	< LOD	30	34.52376125380	-82.99090361370
	0-0.25	3	1172	45	140	35	34.52375506000	-82.99095272670
	0-0.25	4	202	23	30	18	34.52372980180	-82.99098752090
	0-0.25	5	1612	60	95	46	34.52372862310	-82.99093120150
Average			744	38	53	34		
AB2	0-0.25	1	170	24			34.52283648470	-82.99178905900
	0-0.25	2	145	27			34.52286245890	-82.99181396360
	0-0.25	3	24	13			34.52284136240	-82.99188098510
	0-0.25	4	49	17			34.52287662080	-82.99176914760
	0-0.25	5	< LOD	22			34.52291123630	-82.99180106120
Average			78	21				

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OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AB3	0-0.25	1	309	40			34.52293771940	-82.99169771400
	0-0.25	2	118	22			34.52290779560	-82.99174243000
	0-0.25	3	111	25			34.52299947410	-82.99171351770
	0-0.25	4	57	17			34.52295106550	-82.99167508440
	0-0.25	5	225	28			34.52292244040	-82.99168812240
Average			164	27				
AB4	0-0.25	1	97	23			34.52304076640	-82.99163176030
	0-0.25	2	135	21			34.52306854730	-82.99164250760
	0-0.25	3	468	59			34.52301375690	-82.99166911210
	0-0.25	4	52	25			34.52298979200	-82.99161257730
	0-0.25	5	268	27			34.52302290420	-82.99159103760
Average			204	31				
AB5	0-0.25	1	153	29			34.52308895520	-82.99153520060
	0-0.25	2	41	18			34.52310443530	-82.99155904170
	0-0.25	3	81	21			34.52310783660	-82.99148930070
	0-0.25	4	157	24			34.52313595100	-82.99153874190
	0-0.25	5	389	34			34.52312181120	-82.99157709870
Average			164	25				
AB6	0-0.25	1	55	15	< LOD	16	34.52315322920	-82.99146934450
	0-0.25	2	61	15	< LOD	17	34.52312772950	-82.99140429520
	0-0.25	3	7504	140	< LOD	155	34.52318105870	-82.99136020260
	0-0.25	4	2714	75	< LOD	84	34.52320343550	-82.99142610920
	0-0.25	5	1635	60	119	47	34.52317465190	-82.99139126980
Average			2394	61	24	64		
AB7	0-0.25	1	1,871	73			34.52324627150	-82.99132376010
	0-0.25	2	5,563	129			34.52327654030	-82.99133361290
	0-0.25	3	146,783	1,324			34.52325305610	-82.99127502630
	0-0.25	4	6,309	153			34.52320987290	-82.99131952570
	0-0.25	5	973	55			34.52329001570	-82.99130525490
Average			32,300	347				

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AB8	0-0.25	1	33,541	399			34.52334158970	-82.99120803130
	0-0.25	2	6,157,346	46,330			34.52337604370	-82.99123037330
	0-0.25	3	39,118	482			34.52332537540	-82.99116274500
	0-0.25	4	9,379	181			34.52329123350	-82.99121605200
	0-0.25	5	36,350	435			34.52331928000	-82.99125029870
Average			1,255,147	9,565				
AB9	0-0.25	1	386,305	3,157			34.52340736680	-82.99115544440
	0-0.25	2	4,426	124			34.52341552330	-82.99119485130
	0-0.25	3	28,333	388			34.52345769680	-82.99115626390
	0-0.25	4	67,678	690			34.52339111310	-82.99107722990
	0-0.25	5	2,576,349	18,612			34.52337243070	-82.99114731280
Average			612,618	4,594				
AB10	0-0.25	1	1,240	68			34.52348505550	-82.99103593710
	0-0.25	2	12,197	219			34.52346418200	-82.99107360140
	0-0.25	3	96	21			34.52351100050	-82.99100814010
	0-0.25	4	5,381	124			34.52351585270	-82.99107310550
	0-0.25	5	5,927	129			34.52344109620	-82.99101090600
Average			4,968	112				
AB11	0-0.25	1	6,220	162			34.52357314490	-82.99093068230
	0-0.25	2	1,258	60			34.52352904760	-82.99093854090
	0-0.25	3	2,265	79			34.52356192490	-82.99088255910
	0-0.25	4	639	43			34.52361966280	-82.99093011610
	0-0.25	5	9,944	196			34.52360085600	-82.99098296850
Average			4,065	108				
AB12	0-0.25	1	1506	56	106	43	34.52367517930	-82.99088552190
	0-0.25	2	33	13	< LOD	13	34.52369494710	-82.99083246180
	0-0.25	3	9487	163	247	123	34.52364780880	-82.99088108390
	0-0.25	4	547	35	< LOD	39	34.52359794340	-82.99083655940
	0-0.25	5	781	43	< LOD	50	34.52363761000	-82.99081537750
Average			2471	62	71	54		

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AB13	0-0.25	1	345	28	66	23	34.52374797680	-82.99077770150
	0-0.25	2	202	23	< LOD	27	34.52374418040	-82.99074816750
	0-0.25	3	37	13	< LOD	15	34.52370505710	-82.99072885470
	0-0.25	4	258	25	< LOD	27	34.52372941550	-82.99073926520
	0-0.25	5	318	28	36	21	34.52369254370	-82.99073871460
Average			232	23	20	23		
AC3	0-0.25	1	73	19			34.52289745820	-82.99160253270
	0-0.25	2	136	21			34.52292644240	-82.99161717830
	0-0.25	3	56	21			34.52289309430	-82.99165968430
	0-0.25	4	68	19			34.52287444180	-82.99163878430
	0-0.25	5	110	22			34.52288575340	-82.99158179680
Average			89	20				
AC4	0-0.25	1	258	27			34.52296793740	-82.99152492020
	0-0.25	2	130	26			34.52299359270	-82.99152930400
	0-0.25	3	1,045	50			34.52299488460	-82.99151018040
	0-0.25	4	95	23			34.52297133640	-82.99148922530
	0-0.25	5	326	32			34.52294200730	-82.99154602270
Average			371	32				
AC5	0-0.25	1	95	17	< LOD	18	34.52306109870	-82.99142658450
	0-0.25	2	72	15	24	12	34.52296930990	-82.99141824620
	0-0.25	3	52	13	< LOD	15	34.52301311690	-82.99149055710
	0-0.25	4	995	53	204	43	34.52301543900	-82.99140013270
	0-0.25	5	71	15	< LOD	16	34.52304510990	-82.99138425340
Average			257	23	46	21		
AC6	0-0.25	1	578	22	50	17	34.52312360370	-82.99135092650
	0-0.25	2	3812	77	< LOD	87	34.52309662640	-82.99127549450
	0-0.25	3	113	17	< LOD	20	34.52309540840	-82.99137188490
	0-0.25	4	4207	101	140	76	34.52312459700	-82.99130225680
	0-0.25	5	1813	59	< LOD	66	34.52307534020	-82.99133104990
Average			2104	55	38	53		

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AC7	0-0.25	1	46383	442	2334	337	34.52317938760	-82.99126037760
	0-0.25	2	139368	1159	4228	875	34.52321218460	-82.99122637530
	0-0.25	3	198	21	< LOD	24	34.52318927830	-82.99116277080
	0-0.25	4	21	11	< LOD	13	34.52313268940	-82.99120308680
	0-0.25	5	12443	168	1589	133	34.52316310490	-82.99123683420
Average			39683	360	1630	277		
AC8	0-0.25	1	54	14	< LOD	15	34.52320824640	-82.99112543840
	0-0.25	2	13546	209	< LOD	233	34.52325655250	-82.99108376230
	0-0.25	3	12751	199	< LOD	221	34.52326554490	-82.99115783750
	0-0.25	4	8834	155	< LOD	174	34.52329858120	-82.99113864890
	0-0.25	5	20800	266	< LOD	292	34.52328381610	-82.99110150330
Average			11197	169	<LOD	187		
AC9	0-0.25	1	40655	405	1468	307	34.52332873670	-82.99098197780
	0-0.25	2	4007	99	< LOD	110	34.52339470100	-82.99104383290
	0-0.25	3	15980	231	424	174	34.52333286450	-82.99107846490
	0-0.25	4	48822	483	< LOD	539	34.52328140030	-82.99103131710
	0-0.25	5	117253	1072	3142	808	34.52332959420	-82.99103154880
Average			45343	458	1007	388		
AC10	0-0.25	1	4,776	117			34.52341073510	-82.99093550850
	0-0.25	2	31,608	385			34.52340156600	-82.99099970570
	0-0.25	3	711	43			34.52346646540	-82.99093512880
	0-0.25	4	559	40			34.52340136780	-82.99090738900
	0-0.25	5	888	47			34.52336864140	-82.99094838840
Average			7,708	126				
AC11	0-0.25	1	575	40			34.52348192730	-82.99085395960
	0-0.25	2	1,458	67			34.52352360190	-82.99085691650
	0-0.25	3	1,554	64			34.52349952510	-82.99089560450
	0-0.25	4	3,281	101			34.52345279610	-82.99086062450
	0-0.25	5	1,594	68			34.52348550710	-82.99087874460
Average			1,692	68				

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AC12	0-0.25	1	26	12	< LOD	14	34.52356811020	-82.99075477620
	0-0.25	2	335	26	< LOD	30	34.52352469840	-82.99074417130
	0-0.25	3	558	36	55	28	34.52355455620	-82.99078263230
	0-0.25	4	27	13	< LOD	14	34.52359393550	-82.99072206960
	0-0.25	5	754	40	< LOD	44	34.52356185540	-82.99070088460
Average			340	26	11	26		
AD5	0-0.25	1	55	13	< LOD	14	34.52297278110	-82.99132641480
	0-0.25	2	125	17	< LOD	19	34.52295203060	-82.99127505920
	0-0.25	3	187	21	< LOD	23	34.52292018060	-82.99128545960
	0-0.25	4	168	19	< LOD	21	34.52290911040	-82.99135252130
	0-0.25	5	243	23	< LOD	25	34.52291333270	-82.99132389460
Average			156	19	<LOD	20		
AD6	0-0.25	1	124	18	30	15	34.52299014550	-82.99124001850
	0-0.25	2	112	14	< LOD	16	34.52299810460	-82.99117804000
	0-0.25	3	266	23	< LOD	27	34.52304649980	-82.99121808320
	0-0.25	4	66	14	< LOD	16	34.52303209970	-82.99127557970
	0-0.25	5	< LOD	15	< LOD	10	34.52299815070	-82.99120779070
Average			142	17	6	17		
AD7	0-0.25	1	374	30	< LOD	33	34.52306331410	-82.99111174690
	0-0.25	2	251	25	< LOD	28	34.52313400860	-82.99114302940
	0-0.25	3	1448	62	79	48	34.52309061170	-82.99118726280
	0-0.25	4	< LOD	16	< LOD	12	34.52308763820	-82.99113324170
	0-0.25	5	385	31	< LOD	36	34.52310181230	-82.99106979960
Average			492	34	16	31		
AD8	0-0.25	1	1087	46	< LOD	52	34.52318364730	-82.99097388150
	0-0.25	2	2149	73	< LOD	83	34.52312472450	-82.99104427820
	0-0.25	3	751	38	< LOD	41	34.52322346870	-82.99105235900
	0-0.25	4	34	13	< LOD	14	34.52316121000	-82.99105940790
	0-0.25	5	57	15	20	12	34.52316366440	-82.99108988500
Average			816	37	4	40		

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AD9	0-0.25	1	560	33	< LOD	38	34.52325964610	-82.99086328330
	0-0.25	2	1079	45	78	35	34.52323346700	-82.99088828060
	0-0.25	3	62	15	< LOD	16	34.52327840620	-82.99090753860
	0-0.25	4	365	30	< LOD	33	34.52325241280	-82.99098287830
	0-0.25	5	19273	237	437	178	34.52321272260	-82.99092235850
Average			4268	72	103	60		
AD10	0-0.25	1	309	27	< LOD	31	34.52338937470	-82.99084113680
	0-0.25	2	975	44	< LOD	50	34.52332442220	-82.99077153950
	0-0.25	3	265	24	< LOD	27	34.52333544150	-82.99090294330
	0-0.25	4	319	28	< LOD	30	34.52329276220	-82.99081304860
	0-0.25	5	3361	85	236	65	34.52327038380	-82.99084222190
Average			1046	42	47	41		
AD11	0-0.25	1	4893	111	214	84	34.52336836650	-82.99075955800
	0-0.25	2	24	12	< LOD	13	34.52341178530	-82.99068337670
	0-0.25	3	543	38	54	29	34.52341606600	-82.99081404450
	0-0.25	4	5026	116	133	88	34.52339621040	-82.99077254770
	0-0.25	5	968	45	< LOD	49	34.52340580990	-82.99072850560
Average			2291	64	80	53		
AD12	0-0.25	1	45	12	< LOD	14	34.52350314070	-82.99065708470
	0-0.25	2	611	35	< LOD	38	34.52346542840	-82.99070567340
	0-0.25	3	405	32	< LOD	35	34.52345105660	-82.99067880560
	0-0.25	4	230	23	< LOD	26	34.52349141010	-82.99072691210
	0-0.25	5	475	33	< LOD	36	34.52347006100	-82.99065736240
Average			353	27	<LOD	30		
AE7	0-0.25	1	502	31	44	24	34.52303693970	-82.99104983820
	0-0.25	2	61	13	< LOD	14	34.52299775060	-82.99100247490
	0-0.25	3	278	22	< LOD	25	34.52302934130	-82.99101895040
	0-0.25	4	5632	112	< LOD	121	34.52297496210	-82.99106898390
	0-0.25	5	1272	50	< LOD	56	34.52301439480	-82.99110266970
Average			1549	46		48		

**WELCH GROUP ENVIRONMENTAL
REMOVAL SITE INVESTIGATION
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XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AE8	0-0.25	1	243	23	< LOD	25	34.52303321450	-82.99093273680
	0-0.25	2	78	15	< LOD	17	34.52310569240	-82.99089782030
	0-0.25	3	965	44	< LOD	49	34.52306629590	-82.99098111220
	0-0.25	4	5216	103	< LOD	115	34.52306907910	-82.99094200390
	0-0.25	5	64	14	< LOD	15	34.52310374960	-82.99100084190
Average			1313	40	9	44		
AE9	0-0.25	1	312	30			34.52318966690	-82.99085347040
	0-0.25	2	1,986	71			34.52314179400	-82.99082361970
	0-0.25	3	1,474	59			34.52317319980	-82.99091628400
	0-0.25	4	76	17			34.52320631240	-82.99087233920
	0-0.25	5	377	32			34.52315481850	-82.99086296180
Average			845	42				
AE10	0-0.25	1	512	38			34.52327337400	-82.99071814510
	0-0.25	2	46	16			34.52330038980	-82.99073439420
	0-0.25	3	162	23			34.52322258560	-82.99072838400
	0-0.25	4	48	16			34.52329304970	-82.99070568260
	0-0.25	5	51	16			34.52323880760	-82.99073116660
Average			164	22				
AE11	0-0.25	1	21	11	< LOD	12	34.52321583760	-82.99056083660
	0-0.25	2	43	15	< LOD	18	34.52319539180	-82.99055246510
	0-0.25	3	122	18	< LOD	20	34.52326104450	-82.99059351040
	0-0.25	4	161	17	< LOD	19	34.52326257220	-82.99051446040
	0-0.25	5	93	16	< LOD	18	34.52329676330	-82.99055601380
Average			88	15	<LOD	17		
AF8	0-0.25	1	899	42	< LOD	48	34.52306420560	-82.99083737800
	0-0.25	2	100	17	< LOD	19	34.52303550340	-82.99087890450
	0-0.25	3	245	23	< LOD	27	34.52301388270	-82.99091882410
	0-0.25	4	376	29	< LOD	34	34.52301271180	-82.99087749820
	0-0.25	5	33	12	< LOD	13	34.52302950800	-82.99081934710
Average			330	25	<LOD	28		

**WELCH GROUP ENVIRONMENTAL
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OCONEE COUNTY, FAIR PLAY, SOUTH CAROLINA
XRF SOIL SCREENING RESULTS FOR THE SAMPLING LOCATIONS**

Grid Location	Sample Depth (fbgs)	Grid Sample No.	XRF Lead Soil Results (ppm)	+/- Error	XRF Arsenic Soil Results (ppm)	+/- Error	Latitude	Longitude
AF9	0-0.25	1	1,549	50			34.52310746200	-82.99075405890
	0-0.25	2	143	22			34.52306504580	-82.99078115950
	0-0.25	3	92	21			34.52309956100	-82.99082390460
	0-0.25	4	81	21			34.52313753560	-82.99074519840
	0-0.25	5	720	44			34.52310706290	-82.99069851540
Average			517	31				
AA9-SB6	6-inches	1	62	15	26.67	12	34.52348414070	-82.99124067100
AA9-SB12	12-inches	2	138	20	< LOD	24		
AB9-SB6	6-inches	1	40	13	< LOD	14	34.52336486700	-82.99113633260
AB9-SB12	12-inches	2	< LOD	15	14.04	8		

Notes:

FBGS – feet below ground surface

NA – not applicable – sample was not sent to the laboratory

ppm – parts per million

XRF – X-ray refraction

SB - soil boring

Results that are shaded are above the USEPA Removal Action Level for lead in residential soil (400 ppm).