MY COPY

FRCIA

REASSESSMENT

ST. LOUIS SMELTING AND REFINING MADISON COUNTY COLLINSVILLE, ILLINOIS ILD980607006 LPC# 1194280014 SUPERFUND/ HRS

0 / 9 0 <u>○</u> EPA Region 5 Records Ctr.

à



Illinois Environmental Protection Agency

TABLE OF CONTENTS

SECTION	PAGE
1.0 SITE BACKGROUND	1
1.1 Site Description	2
1.2 Site History	
1.3 Previous Investigations	7
2.0 CERCLA REASSESSMENT ACTIVITIES	12
2.1 Field-based Site Characterization Studies	12
2.1.1 Sediment Sampling and Analysis	13
2.1.2 Residential Soil Sampling and Analysis	
2.1.3 Laboratory Analysis	15
3.0 REFERENCES	17

i

FIGURES and TABLES

- Figure 1 Site Location Map
- Figure 2 1926 Sanborn Map and 1998 Aerial Photograph
- Figure 3 Pine Lake Sediment Sampling Locations
- Figure 4 Lead Concentrations in Sediment Sampling Locations
- Figure 5 Residential XRF Soil Sampling Locations
- Table 1
 Historical Soil Sampling Results
- Table 2
 Pine Lake XRF Sediment Analysis Results
- Table 3
 Residential XRF Soil Analysis Results
- Table 4
 Residential Soil Laboratory Analysis Results

APPENDICES

Appendix A Target Compound List

- Appendix B Reassessment Analytical Data Package
- Appendix C Illinois EPA Sample Photographs

1.0 SITE BACKGROUND

The Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation Program was tasked by United States Environmental Protection Agency (U.S. EPA) Region V to conduct a CERCLA Reassessment at the St. Louis Smelting and Refining Site (formerly known as "Lead Smelter") in Collinsville, Illinois. The CERCLA Reassessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

۶

The St. Louis Smelting and Refining Site was placed on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) in June of 1981as a result of "Notification of Hazardous Waste Site" (103c) forms filed by National Lead Industries (N.L. Industries) in that same year. As described in more detail in the following sections, the site was ultimately archived on CERCLIS in 1989 on the basis of the results of the Preliminary Assessment (PA) and Site Inspection (SI) conducted by Illinois EPA.

The purpose of the CERCLA Reassessment is to determine whether or not current conditions and the introduction of new information at an archived site warrant further evaluation under the CERCLA process. The Illinois EPA's Office of Site Evaluation conducted a CERCLA Reassessment at St. Louis Smelting and Refining to further evaluate the site. The field activity portion of the Reassessment was conducted in spring of 2002 with a site visit on February 28,

and sediment and soils evaluation by X-ray Fluorescence (XRF) analysis on March 6 – 8, 2002.

Illinois EPA performed the investigation to obtain information to determine if the site poses a threat to human health and/or the environment and if so, to what extent. The investigation was also designed to determine if concentrations in residential soils exceed Removal Action Levels. This report represents the results of Illinois EPA's evaluation and briefly summarizes site conditions and includes recommendation as to how the site should be addressed in the future.

1.1 Site Description

The St. Louis Smelting and Refining Company Site is the former location of a primary lead smelting and lead refining operation positioned in the northeast corner of Collinsville, Illinois. The city of Collinsville is located in Madison County, Illinois. The site is located in the southwestern quarter of Section 23, Township 3 North, Range 8 West of the Third Principal Meridian. A plat map of Madison County from 1917 indicated that at one time, St. Louis Smelting and Refining Company owned up to 482 acres. However, Sanborn Fire Insurance maps from 1915 and 1926 indicate that the facility's primary activities occurred on approximately 40 acres. Analysis of historical aerial photographs, historical sampling activities, and the results of this reassessment have identified an area of concern totaling approximately 148 acres and for the purposes of this reassessment is referred to as "the site". Figure 1 provides general information regarding the site's location. Figure 2 shows the 1926 Sanborn map overlaid on

1998 aerial photography. Pine Lake is identifiable in the northwest portion of Figure 2 and Pine Lake Road is the primary east-west road in the photo.

The site is located east of Route 159 with Pine Lake Road as one of its central features. The site extends to the west to include Pine Lake and to the east to include the unnamed pond at the end of Pine Lake Road. Roads most nearly bordering the site on the north and south are Peachtree Trail and California Avenue, respectively. Property use within site boundaries is single family residential. Residential property lot sizes are less than one acre with few exceptions. Homes in the area range from approximately 90 years old to less than 5 years in age. Homes in the area receive potable water through a public water supply system. Topography within the central portion of the site is relatively flat changing to rolling hills on the northern, southern and eastern portions of the site.

Two surface water bodies exist on site, Pine Lake and the unnamed pond on the eastern end of Pine Lake Road. Surface water runoff from residential properties adjacent to Pine Lake is channeled into the lake. The south shore of Pine Lake is dammed and bounded by Pine Lake Road. The dam has a culvert that allows water in Pine Lake to drain under the road during high-water periods. After flowing under Pine Lake Road, drainage from Pine Lake during wet periods flows south-southwest into the lakes in Woodland Park.

Residents of the Pine Lake Subdivision surrounding Pine Lake own the water body and small portions of adjacent property. Pine Lake is used for recreational fishing throughout the year and swimming during warmer months. Residents have brought in sand for a small beach area on a central finger of land protruding southward into the lake and a permanent swimming dock exists in the south-central portion of the lake.

Local residents also use the unnamed pond on the eastern end of Pine Lake road for recreational purposes. Small boats and fishing equipment are located around the pond. The pond is fed by surface water runoff in all directions. A gently sloping drainage way feeds the pond from the west-southwest during wet periods but the drainage way appears to remain dry most of the time.

Construction debris and some slag line the drainage way. The drainage way is bounded immediately on each side by established trees that in most cases, fade into residential yards. During high-water periods water from the unnamed pond drains to the east through a small drainage way into partially wooded private lands. With the exception of the portion of the drainage way nearest the pond, the drainage way appears to be dry during much of the year. The drainage way from the pond ultimately leads toward the south into partially wooded private lands. Canteen Creek flows southward approximately 500 feet to the east of the unnamed pond but surface water runoff from the site and areas around the pond do not appear to drain into the creek. Canteen Creek is the nearest perennial stream to the site.

1.2 Site History

The St. Louis Smelting and Refining Company operated a lead smelting facility in Madison County, Illinois from 1904 until November of 1933. At peak production, the facility employed 425 men. At the time of operation, the facility was located northeast of Collinsville, Illinois. Since that time, Collinsville has expanded to the area surrounding the facility and as indicated by historical aerial photographs, in the 1950's and 1960's residential homes began to expand onto the property (and into some of the buildings) formerly used by the lead smelter.

The St. Louis Smelting and Refining Company was a subsidiary of N.L. Industries. Historical information regarding the St. Louis Smelting and Refining Company indicates that environmental concerns surrounding the facility were an issue as early as 1915. In 1915, a local landowner sold rights to the company to "deposit smoke fumes, vapor, gases, acids, and like-substances" on his property (Madison County). In addition, a bicentennial document compiled for Collinsville stated that "owners of acreage in the area [around the facility] filed damage suits against the company alleging destruction of plant life by lead-laden smoke from the plant" (Collinsville). As a result, in 1917 "the company constructed a 386 foot-tall stack at a cost of \$75,000" (Stehman).

The plant closed on November 21, 1933 following a strike for higher wages and shorter hours (Stehman). Following plant closure, equipment from the facility was shipped to South America (Stehman). The actual date when the facility was dismantled is unknown. However, an aerial photograph from 1941 indicates

that by the date of the photo, only two buildings from the facility were still intact and the plant was reduced to primarily foundations and rubble. The 1941 aerial photograph shows lack of vegetation throughout the plant area and a large slag pile on the southeast portion of the former property. The slag pile was located where the unnamed pond at the end of Pine Lake Road is now located. The slag pile was no longer visible in a 1955 aerial photograph of the area.

Research regarding the ownership history of the property was conducted at the Madison County Recorder of Deeds Office. The earliest recorded transaction identified for the property was the sale of a portion of Section 23 to the St. Louis Smelting and Refining Company by L.R. and Sarah Collins in 1903. In 1913, the company purchased mineral rights from an adjacent landowner. No other transactions were identified during the years of operation. A plat map of Madison County from 1917 indicated that at one time, St. Louis Smelting and Refining Company owned up to 482 acres. Historical Plat books along with fire insurance maps and aerial photographs indicate that the primary smelting and refining activities occurred on approximately 40 acres. In the years following the plant's closure, from 1937 to 1939, portions of the property were sold to Madison County and nine other families. Historical plat books indicate that from approximately 1966 to 1969 the Eagle Picher Company owned 50 acres in the area, including the 40 acres where St. Louis Smelting and Refining Company conducted its primary operations. Various reports from local residents indicate that based on large amounts of truck traffic, portions of the slag pile present in

the 1941 aerial photograph may have been moved off-site prior to or during residential development of the area.

Residential development in the area directly north and south of Pine Lake began in the 1950's as evidenced by historical aerial photographs. Residential development to the east of Pine Lake in what is now called Collinwoods subdivision began in the mid-to-late 1970's. Residential development in the area progressed in phases and building currently continues on the last empty lots. With the exception of the last 1 - 2 empty lots, the newest homes in the area are concentrated around Hickory Point Road and some are less than 10 years in age.

Investigations were conducted on residential properties and surrounding areas in mid-to-late 1980's and early 1990's. Results from an SI conducted at the site (including a low preliminary site score) in 1987 resulted in the site being archived in CERCLIS. Changes in CERCLA and resulting modification to the site scoring process prompted a reassessment in 2002.

1.3 Previous Investigations

Illinois EPA conducted a PA at the site in May of 1985. The PA, which was finalized on June 11, 1986, assigned a high priority to the site for further inspection and identified the presence of lead ore and lead dross (a byproduct from the smelting process) as potential hazards at the site.

On July 16, 1985 representatives from Illinois EPA and Illinois Department of Public Health (IDPH) visited the site and obtained a slag sample and 9 soil samples from two residential yards in the Collinwoods Subdivision. An October 2, 1985 memorandum from an IDPH representative summarized the visit's findings. Laboratory analysis of the lead slag showed 13,000 mg/kg, or parts per million (ppm) lead. Lead concentrations in the soils collected from the two properties ranged from 12 mg/kg to 2,600 mg/kg. Additional information about each sample is provided in Table 1, attached.

On October 15, 1985 representatives from Illinois EPA obtained one slag and one soil sample from the area of highest concentration as indicated by previous sampling events. The samples were analyzed for distilled water leachability and EP Toxicity. The leachability test on the slag and soil resulted in 760 ppm and 53 ppm, respectively. The EP Toxicity test on the slag and soil resulted in 1.7 ppm and 40 ppm, respectively. (Mensing)

On October 17, 1985 representatives from IDPH obtained additional soil samples from the site. Representatives from IDPH obtained 51 soil samples from 26 residential properties. Concentrations of lead in the soil samples obtained by IDPH ranged from 31 mg/kg to 7944 mg/kg. Results are included in Table 1.

The IDPH also conducted a voluntary blood-lead screening analysis for neighborhood children in October of 1985. Results of the blood lead screening for local children were below levels of concern.

On March 27, 1986 representatives from Illinois EPA collected two soil samples described as "brown soil with pieces of metallic slag" from two locations that at the time of this writing, are unknown. Results of the analyses were 6400 mg/kg and 14000 mg/kg for total lead. (Illinois EPA)

On September 9, 1986 Illinois EPA personnel obtained additional samples from the site. The sampling activities focused on the unnamed pond at the eastern end of Pine Lake Road, and surrounding areas. Samples of surface water and sediment were obtained from the pond. Soil samples from three locations on the dike east of the pond were also composited. In addition, surface water from a seep through the dike on the east side of the pond was also obtained. Lastly, slag and a slag/soil mixture was obtained from a residential property west of the pond. (Johnson)

The table below summarizes the results from the September 1986 sampling conducted by Illinois EPA.

September 1986 Sa	ample Summary
Sample Location	Total Lead Concentration in PPM
Pond Water	0.005
Pond Sediment	BDL - 338
Slag	13200 - 14800
Residential Soil and Slag	2700
Dike Soil Composite	981
Dike Seep	BDL

BDL – Below Detection Limit

Illinois EPA performed an SI at the site on July 22, 1987. No samples were obtained as part of the formal SI because the site had been sampled previously and the results along with the presence of lead slag on the site were adequate to substantiate the presence of hazardous substances at the site. The SI was completed on December 1, 1989. (The site was archived on the CERCLIS list as a result of recommendations in the SI Report.)

On August 7, 1987 Illinois EPA responded to a request from a resident to sample her yard because children play in her yard and black pebbles were present in her yard and vegetation had not yet become established. A site visit indicated that the pebbles could only be found occasionally and that they were probably bits of shale. Analysis of the three-aliquot composite sample resulted in levels of lead below detection limits.

On May 30 and 31, 1991 representatives from Illinois EPA and IDPH obtained twenty-five samples from nine yards in Collinwoods subdivision. A description of the sampling event along with lab results were provided in an Illinois EPA February 16, 1992 field office memorandum to the Division File. Each sample

was analyzed for total lead and Toxicity Characteristic Leaching Procedure (TCLP) lead. Prior to analysis, samples were sieved to eliminate particles that would not pass through a #200 sieve (0.074 mm). This procedure was performed to remove large indigestible pieces of lead slag in an attempt to determine the amount of respirable lead in the soil. Total lead concentrations in soils ranged from 8.8 mg/kg to 4700 mg/kg. Results for TCLP lead analysis ranged from 0.003 mg/L to 20 mg/L. Results are included in Table 1.

In November of 2001, a homeowner from the Pine Lake subdivision obtained three sediment samples from Pine Lake. The samples were obtained because at the time, the Pine Lake Homeowners Association were considering dredging the lake because it had silted in and the three northern fingers of the Lake had become more shallow than desired. A single sediment sample was taken from each of the three fingers of the lake. The homeowner identified the samples as Area 1, Area 2, and Area 3 with Area 1 representing the northwest finger of the lake, Area 2 representing the north-central finger, and Area 3 representing the northeast finger of the lake. The three sediment samples were analyzed at Teklab in Collinsville for total metals and Resource Conservation and Recovery Act (RCRA) TCLP metals. In addition, the Area 1 sample was analyzed for semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), and polychlorinated biphenols (PCBs) (Miller, 12/03/01; Austin).

A

The analysis results from Pine Lake sediments collected by the homeowner in 2001 are summarized in the table below.

Sample Location	Total Lead mg/kg	TCLP Lead mg/L	Total Arsenic mg/kg
Area 1	2310	26.9	17.5
Area 2	2680	31.9	6.89
Area 3	6220	12.7	7.35

The sample results indicate that TCLP lead concentrations in the sediment are above the regulatory standard of 5.0 mg/L meaning that if the sediments were disposed of off-site, at least a portion of the material would be regulated as RCRA hazardous waste for lead.

Organic analysis results for both VOCs and SVOCs on the Area 1 sample resulted in levels below detection for all compounds analyzed. The lab noted that the temperature of the sample was out of the acceptable range.

2.0 CERCLA REASSESSMENT ACTIVITIES

2.1 Field-based Site Characterization Studies

On March 6 – 8, 2002 representatives of Illinois EPA conducted field-based site characterization using a Niton X-Ray Fluorescence (XRF) multi-element analyzer. Because lead levels were presumed to still exist at locations investigated during prior activities, the sampling plan was designed to investigate properties not previously sampled. Residential locations were identified and verbal property access was obtained in-person or by phone. In addition, based on Pine Lake's proximity to the smelting facility and historical records showing

that the lake's water may have been used for plant influent and effluent, sediment sampling was planned for Pine Lake.

2.1.1 Sediment Sampling and Analysis

Sediment sampling activities were conducted in Pine Lake, the lake in Woodland Park, and the drainage way between the two lakes. In addition, sediment samples were taken in the unnamed pond east of the western end of Pine Lake Road and the small pond due north of Pine Lake.

1

Sediment samples were obtained using stainless steel hand augers and placed in zip-lock bags using stainless steel trowels. All sampling equipment was decontaminated prior to and in between sampling locations using Alconox and distilled water. Following collection, sediment samples were dried using a microwave oven dedicated to sampling activities. Sediment samples were then analyzed using the XRF. In general, sediment samples were obtained from each location at 6, 12, 24, and 30 inches below the surface of the sediments. A total of 24 separate locations were investigated: 16 in Pine Lake, 3 the lake in Woodland Park, 2 in the drainage way in between Pine Lake and the lake in Woodland Park, 2 in the unnamed pond at the end of Pine Lake Road, and 1 in the pond due north of Pine Lake.

Lead concentrations in sediments from Pine Lake ranged from below detection limits to 86,374 ppm. Lead concentrations in sediments from the lake in Woodland Park ranged from 40.3 ppm to 357.4 ppm. Concentrations of lead in

sediments from the drainage way in between Pine Lake and the lake in Woodland Park ranged between below the limit of detection to 419.2 ppm. Lead concentrations in sediments from the unnamed pond at the end of Pine Lake Road ranged from 36.8 ppm to 2099.2 ppm. Concentrations of lead in sediments from the pond just north of Pine Lake ranged between 35.5 ppm to 82 ppm. Table 2 shows concentrations of metals for which Ontario Sediment Benchmarks are available (plus chromium) for all sediment samples. Figure 3 displays the location and corresponding lead concentrations for sediment samples obtained from Pine Lake. Figure 4 includes lead concentrations observed at depths of approximately 6 inches in the sediments of Pine Lake, the lake in Woodland Park, and the unnamed ponds just north of Pine Lake, and at the eastern end of Pine Lake Road.

2.1.2 Residential Soil Sampling and Analysis

Residential soil sampling activities were conducted on March 7 and 8, 2002 at homes in the area surrounding the former location of the smelting facility. Soil samples were obtained with a clean stainless steel trowel and XRF analysis was performed at the sampling location immediately following collection. Soil analysis via XRF was conducted at the soil surface at each sampling location. In general, soil samples below the ground surface were taken at each location at approximately 6-inch intervals up to a depth of 2 feet. The final depth of soil sampling and analysis at each location varied depending on soil characteristics and XRF results. In general, if soil appeared to be un-impacted (no bits of slag

or other discoloration) with no indication of fill material and lead concentrations per XRF were below 400 ppm, the investigation of the subject location was discontinued.

The XRF was used to obtain 198 readings from 51 different sampling locations on a total of 31 properties. Concentrations of lead ranged from below detection to over 90,000 ppm. Thirteen of the 31 properties tested had lead concentrations greater than 1000 ppm. Table 3 contains XRF results for lead and additional metals detected during the March 2002 investigation. Detected concentrations are compared to Illinois EPA's Residential Corrective Action Objectives as established within the Tiered Approach to Corrective Action Objectives (TACO). Figure 5 provides residential XRF locations and associated lead concentrations. Figure 6 combines 2002 XRF residential data from 0 - 3inches below ground surface along with historical residential soil sampling data discussed in Section 1.3.

2.1.3 Laboratory Analysis

As a result of elevated levels observed during the XRF residential soil analysis, arrangements were made to have several soil samples analyzed under the U.S. EPA's Contract Laboratory Program. Six soil samples were packaged and sealed in accordance with Illinois EPA's Office of Site Evaluation procedures. Soil samples were sent Sentinel Incorporated in Huntsville, Alabama. The samples were analyzed for inorganic analytes identified within the Target Compound List (TCL). A complete list of the TCL inorganic analytes can be

found in Appendix A. for total metals analysis. Lead concentrations in the soil samples ranged from 389 mg/kg to 36,700 mg/kg. A background sample was not obtained. The laboratory results are included as Table 4 of this report. The complete analytical data package, including quality assurance review sheets is located in Appendix B. Photographs taken of each soil sampling location are provided in Appendix C.

The soil samples sent for laboratory analysis were intended to generate high quality data for further use in upcoming CERCLA activities at the site and to confirm XRF results from corresponding locations. The table below provides information to correlate laboratory samples with XRF locations and depths.

Laboratory Sample Number	Corresponding XRF Sample Number	Corresponding XRF Reading Number	Laboratory Sample Depth (inches below ground surface)
X101	R9	242	4
X102	R24	279	0 (surface sample)
X103 (dup of X102)	R24	279	0 (surface sample)
X104	R38	335	0-1
X105	R53	367	1-2
X106	R64	405	3

3.0 REFERENCES

Austin, Michael L. Teklab Attachment to Letter to Ron Watt. Illinois EPA Bureau of Land File, 1194280014. Springfield, Illinois.

Collinsville Bicentennial Commission. <u>A Bicentennial Salute to a Great Nation</u>: The United States of America 1776 – 1976. July 1976

Fort, Mildred. Memorandum to Sue Ramirez. 5 October 1975. Illinois EPA Bureau of Land File, 1194280014. Springfield, Illinois.

Johnson, R. L. Memorandum to J. Janssen. 10 September 1986. Illinois EPA Bureau of Land File, 1194280014. Springfield, Illinois.

5

A

Madison County Courthouse. Tax Assessors Office, Historical Records. April 2002.

Mensing, Ken. Memorandum to Gary King. 24 March 1986. Illinois EPA Bureau of Land File, 1194280014. Springfield, Illinois.

Miller, Tom. Memorandum to Bureau File. 16 February 1992. Illinois EPA Bureau of Land File, 1194280014. Springfield, Illinois.

Miller, Tom. Electronic Mail to Jerry Willman et al. 3 December 2001. Illinois EPA.

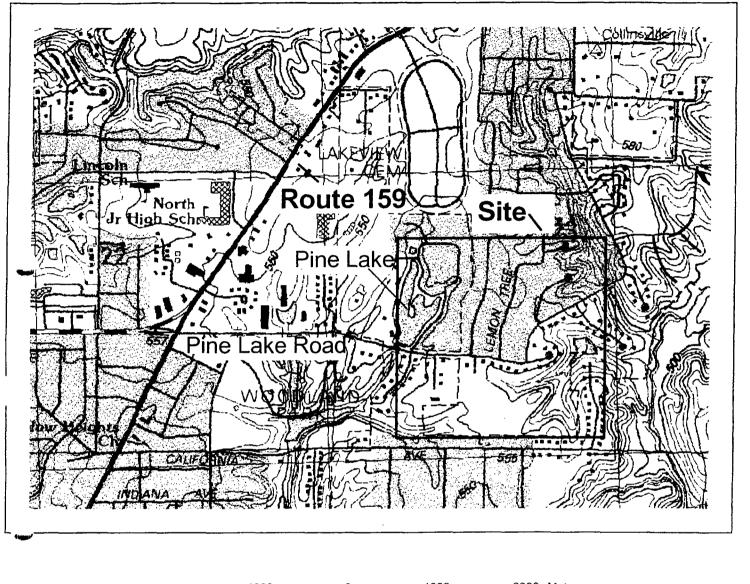
Ontario Ministry of the Environment, <u>Guidelines for the Protection and</u> <u>Management of Aquatic Sediment Quality in Ontario, 1992.</u>

Stehman, Lucille M. <u>Collinsville, Illinois : A Pictoral History</u>. G. Bradley. St. Louis, MO. 1992

,

Figures

Figure 1 Site Location Map St. Louis Smelting and Refining Company Site Collinsville, Illinois



1000 0 1000 2000 Meters



Figure 2 St. Louis Smelting & Refining



Pine Lake Lead Concentrations in Sediment in Parts per million

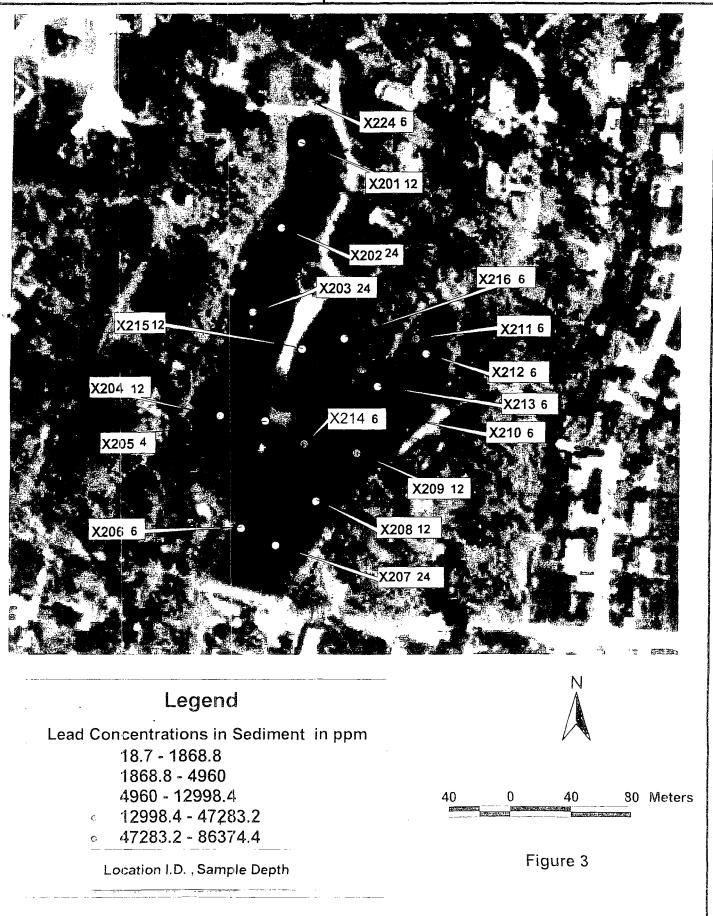
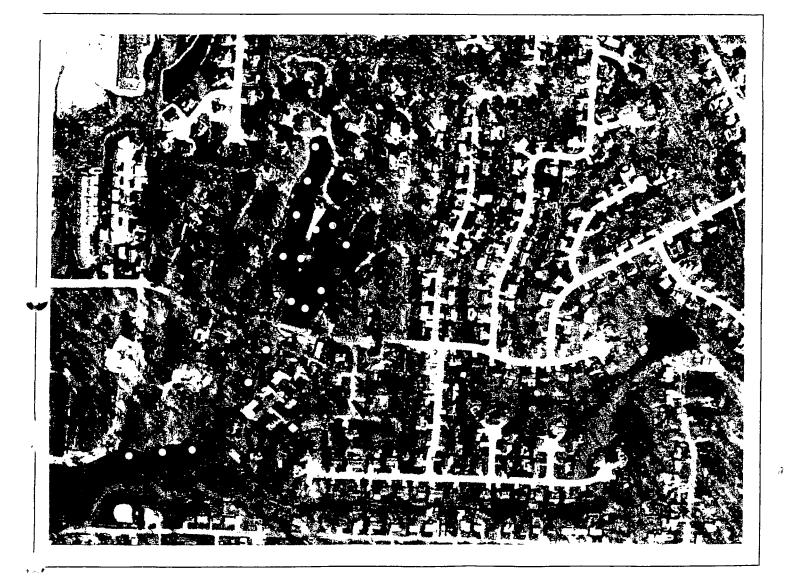


Figure 4 Sediment XRF Sampling Locations Concentrations in PPM from Sediment depth of 6 Inches





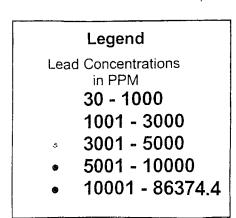
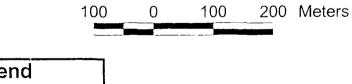




Figure 5 Residential XRF Soil Sampling Locations Depth: Surface - 3 inches Below Ground Surface Concentrations in PPM





Legend Concentrations in ppm 0 - 400 401 - 2000 2001 - 4000 4001 - 8000 8001 - 28800

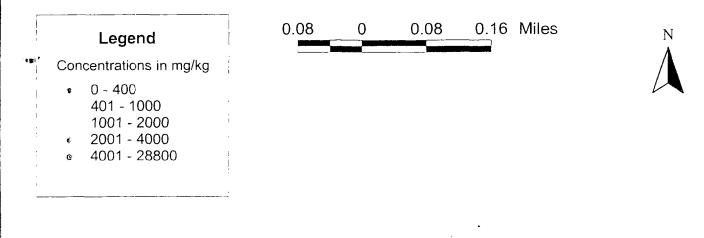
treat P



Figure 6

Historical Soil Sample Locations 1985 - 2001 and March 2002 X-ray Fluorescence Locations Depths: Surface - 3 inches below ground surface





Tables

Į

TABLE 1

Historical Soil Sampling Results for Lead

			· · · · · · · · · · · · · · · · · · ·				6		Lead	
SAMPLE					DESCRIPTION	DATE		(dry wt.) in	TCLP in	
ID	TIME	LOCATION	ADDRESS	SLAG_		5/29/91	mg/kg 1700			SAMPLER IEPA/IDPH
X101	10:50	Backyard	1018 Pine Lake Road	<u>p</u>	······································		······································			
X102	11:00	Backyard	1018 Pine Lake Road	<u> n</u>		5/29/91	720			IEPA/IDPH
X103	11:10	Front	1018 Pine Lake Road	<u>у</u>		5/29/91	1100			IEPA/IDPH
X104	11:58	Backyard	1967 Banyan Tree	n		5/29/91	3400	3400	· · · · · · · · · · · · · · · · · · ·	IEPA/IDPH
X105	12:15	Playarea	1967 Banyan Tree	<u>n</u>	· · · · · · · · · · · · · · · · · · ·	5/29/91	560	570		IEPA/IDPH
X106	12:25	Front	1967 Banyan Tree	n	Composite of surface	5/29/91	99			IEPA/IDPH
X107	12:40	Garden	1970 Banyan Tree	у	Lg. chunks of slag. Coal noted	5/29/91	140			IEPA/IDPH
X108	12:53	Back	1970 Banyan Tree	у	Slag exposed on surface, partially covered	5/29/91	3000			IEPA/IDPH
X109	12:58	Back-DupX108	1970 Banyan Tree	у	Duplicate of X108	5/29/91	3100			IEPA/IDPH
X110	13:15	Front	1970 Banyan Tree	n	Mostly grass covered, few bare areas	5/29/91	520	530	0.002	IEPA/IDPH
X111	14:40	Playarea	1979 Banyan Tree	n	Grass covered, near swing set. No slag noted.	5/29/91	11	11	0.060	IEPA/IDPH
	1				Under tree. Grassy, a few bare areas. No slag					
X112	14:50	Back	1979 Banyan Tree	n	noted.	5/29/91	20			IEPA/IDPH
X113	15:00	Front	1979 Banyan Tree	n	Front, by road. Taken from a few bare areas	5/29/91	41			IEPA/IDPH
X114	15:15	Back	1980 Lemon Tree	n	Grass cover, a few bare spots.	5/29/91	41	41	0.003	IEPA/IDPH
X115	15:25	Back	1980 Lemon Tree	n	Next to house. Small bare area mostly grass.	5/29/91	59	60	0.007	IEPA/IDPH
X116	15:40	Front	1980 Lemon Tree	у	Front yard. Trace slag by street.	5/29/91	180	180	0.002	IEPA/IDPH
X117	08:15	Playarea	1981 Lemon Tree	n	Bare area under tree canopy. Bricks in concrete.	5/30/91	1000	1000	3.000	IEPA/IDPH
X118	08:30	Playarea	1981 Lemon Tree	n	Taken under a swing. Brick pieces, no slag noted.	5/30/91	1500	1500	7.000	IEPA/IDPH
X119	08:50	Garden	2000 Lemon Tree	у	Garden. Coal, trace slag.	5/30/91	58	59	0.020	IEPA/IDPH
X120	08:53	Garden - Dup X11	2000 Lemon Tree	y y	Duplicate of X119.	5/30/91	52	53		IEPA/IDPH
X121	09:10	Back	2000 Lemon Tree	y	Small slag pieces noted on surface	5/30/91	3000	3000		IEPA/IDPH
X122	12:10	Garden	916 Peachtree	n	No slag noted.	5/30/91	l l	9 9		IEPA/IDPH
X123	09:40	Back	1903 Pinehurst	у	Fine to cobble slag. Taken from southwest corner of backyar	5/31/91	4700	4700		IEPA/IDPH
X124	09:55	Garden	1903 Pinehurst	у	Trace of slag in topsoil. Garden in backyouard.	5/31/91	140	140		IEPA/IDPH
X125	10:20	Front	1903 Pinehurst	n	Bare areas in front yard.	5/31/91	20	20	0.001	IEPA/IDPH
00615		Back	1010 Pine Lake Road	u	Backyard - Southwest corner	7/16/85	740	740		IDPH
00614	}	Back	1010 Pine Lake Road	u	Backyard - Southeast corner of house	7/16/85	1220	1220		IDPH
00616	1	Back	1010 Pine Lake Road	u	Backyard - Southwest corner of lot	7/16/85	12	2 12		IDPH
00617	1	Front	1010 Pine Lake Road	u	Frontyard - Northwest corner	7/16/85	110			IDPH

TABLE 1

Historical Soil Sampling Results for Lead

							Lead Conc.		Lead	
SAMPLE	1	1		1 '			· /	(dry wt.) in	TCLP in	
ID	TIME	LOCATION	ADDRESS	SLAG	DESCRIPTION Frontyard - Northeast corner - vacant at time of	DATE	mg/kg	mg/kg	mg/L	SAMPLER
00618		Front	1012 Pine Lake Road	lu ·	sample	7/16/85	118	118	0.000	IDPH
00619		Back	1012 Pine Lake Road	u	Backyard - Southeast corner - vacant at time	7/16/85	2600			IDPH
00620	 	Middle	1012 Pine Lake Road		Middle of lot prior to home being built	7/16/85	430			IDPH
00820		Back	1010 Pine Lake Road		Backyard in middle	7/16/85	1454			IDPH
00340		Back	1012 Pine Lake Road	<u>u</u>	Backyard in middle	7/16/85	162			IDPH
01853		Back	2 Aspen Circle	u	Backyard in middle	10/17/85	119		+	IDPH
01853		Front	2 Aspen Circle		Frontyard in center	10/17/85	119			IDPH
01852		Back	1968 Raintree Trail	lu lu	Backyard - Center of yard	10/17/85	7168			IDPH
		Front	1968 Raintree Trail		Frontyard - Northeast	10/17/85	3083			IDPH
01850 01849	<u> </u>	Front	1985 Lemon Tree		Frontyard - Center	10/17/85	959			IDPH
01849	 	Back	1985 Lemon Tree		Backyard - Center	10/17/85	75			IDPH
01848		Front	5 Aspen Circle		Frontyard - Center of yard	10/17/85	92			IDPH
01846	· · ·	Back	5 Aspen Circle		Backyard - Center	10/17/85	112			IDPH
01845	<u> </u>	Front	1994 Raintree	lu -	Frontyard - Center	10/17/85	77			
01845	 	Back	1994 Raintree		Backyard - Center of yard	10/17/85	92			IDPH
01843		Vacant	Raintree		Vacant lot along road	10/17/85	9130	the second se		IDPH
01843		Vacant	Baintree		Vacant lot - Top of hill	10/17/85	2021			IDPH
01842		Back	1993 Raintree		Backyard - Center	10/17/85	479			IDPH
		Front	1993 Raintree		Frontyard - Center	10/17/85	133			IDPH
01840	<u> </u>	Back	1989 Raintree	u u	Backyard - Center	10/17/85	1549			IDPH
01839	 	Front	1989 Raintree		Frontyard - Center	10/17/85	762			
01838		Front	1981 Baintree		Frontyard - center Frontyard - south corner - 1 ft. from curb	10/17/85	and the second division of the second divisio			IDPH IIDPH
01837			1980 Raintree	+		10/17/85				
01836		Back	1980 Raintree		Vacant lot backyard area - center	10/17/85				IDPH
01835			1980 Raintree	U 	Vacant lot frontyard area - center					IDPH
01834	_	Back		U	Backyard - Center of yard	10/17/85				IDPH
01833	1	Front	1975 Raintree	<u> </u>	Frontyard - Center	10/17/85				IDPH
01710	Į	Back	1019 Pine Lake Road	<u>u</u>	Backyard - Center	10/17/85				IDPH /
01709	 	Front	1019 Pine Lake Road	<u>u</u>	Frontyard - Center	10/17/85				IDPH
01708	 	Back	1017 Pine Lake Road	<u>u</u>	Backyard - Center	10/17/85			_	IDPH
01707	 	Front	1017 Pine Lake Road	u	Frontyard - Center	10/17/85				IDPH
01706	L	Back	1008 Pine Lake Road	u	Backyard - Center	10/17/85				IDPH
01705	<u> </u>	Front	1008 Pine Lake Road	u	Frontyard - Center	10/17/85	156	6 156	0.000	IDPH

TABLE 1

Historical Soil Sampling Results for Lead

SAMPLE								Lead Conc. (dry wt.) in	Lead TCLP in	
D	TIME	LOCATION	ADDRESS	SLAG_	DESCRIPTION		mg/kg	mg/kg		SAMPLER
01704		Back	1006 Pine Lake Road	u	backyard - edge of drainage ditch	10/17/85	7944	7944	0.000	IDPH
01703		Back	1006 Pine Lake Road	u	backyard - bottom of drainage ditch	10/17/85	4258	4258	0.000	IDPH
01702		Back	1973 Dogwood	u .	Backyard	10/17/85	347	347	0.000	IDPH
01701		Front	1973 Dogwood	u	Frontyard	10/17/85	691	691	0.000	IDPH
01700		Front	1975 Dogwood	u	Frontyard - Fence Corner	10/17/85	2652	2652	0.000	IDPH
01699		Back	1975 Dogwood	u	Backyard - Center	10/17/85	1072	1072	0.000	IDPH
01698		Back	1980 Dogwood	u	Backyard - Center - Vacant Lot	10/17/85	1400	1400	0.000	IDPH
01697		Front	1980 Dogwood	u	Frontyard - Center - Vacant Lot	10/17/85	832	832	0.000	IDPH
01696		Back	1981 Dogwood	u	Backyard - Center - Vacant Lot	10/17/85	74	74	0.000	IDPH
01695		Front	1981 Dogwood	u	Frontyard - Center - Vacant Lot	10/17/85	85	85	0.000	IDPH
01694		Back	1969 Banyan Tree	Ų	Backyard - Center	10/17/85	3828	3828	0.000	IDPH
01693		Front	1969 Banyan Tree	u	Frontyard Center	10/17/85	1124	1124	0,000	IDPH
01692		Back	1967 Banyan Tree	น	Back - Bottom of slope	10/17/85	424	424	0.000	IDPH
01691		Front	1967 Banyan Tree	u	Frontyard Center	10/17/85	1769	1769	0.000	IDPH
01690		Back	1970 Banyan Tree	u	Back - Bottom of slope - house under construction	10/17/85	74	74	0.000	IDPH
01689		Front	1970 Banyan Tree	u	Frontyard Center - house under construction	10/17/85	366	366	0.000	IDPH
01688		Back	1966 Banyan Tree	u	Backyard - Center - Vacant Lot	10/17/85	175	175	0.000	IDPH
01687		Front	1966 Banyan Tree	u	Frontyard - Center - Vacant Lot	10/17/85	736	736	6 0.000	IDPH
01686		Back	1971 Banyan Tree	u	Backyard - Center - Vacant Lot	10/17/85	2284	2284	0.000	IDPH
01685		Front	1971 Banyan Tree	u	Frontyard - Center - Vacant Lot	10/17/85	2336	6 (0.000	IDPH
01684		Back	1969 Banyan Tree	u	Backyard - Center - Vacant Lot	10/17/85	143	143	0.000	IDPH
01683		Front	1969 Banyan Tree	u	Frontyard - Center - Vacant Lot	10/17/85	1120		0.000	IDPH
01682		Back	1972 Banyan Tree	u	Backyard - Center of Sloped area	10/17/85	121	121	0.000	IDPH
01681		Front	1972 Banyan Tree	u	Frontyard - Center - Vacant Lot	10/17/85	204	204	0.000	IDPH
S8		Dike	Pine Hurst	у	Dike - soil, slag mix - small pine lake	9/9/86	981	981	0.000	IEPA
S7		Side	1010 Pine Lake Road	y	Soil - slag mix	9/9/86	2700	2700	0.000	

-

~

÷.*

 Table 2

 Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

[]	1			Metal Concentrations in mg/kg as identified by X-Ray Fluorescence											
			VOF	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample	Sample Location	XRF Reading					Ontario	Sediment	Screening	Benchma	rks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X201	6	Pine Lake	59, 60	438.4	<lod< td=""><td><lod< td=""><td>205</td><td>482.8</td><td><lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>205</td><td>482.8</td><td><lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	205	482.8	<lod< td=""><td><lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>6828.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	6828.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X201	12	Pine Lake	61,62	2788.8	<lod< td=""><td><lod< td=""><td>684.4</td><td>389.6</td><td><lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>684.4</td><td>389.6</td><td><lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	684.4	389.6	<lod< td=""><td><lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>21299.2</td><td>1329.6</td><td><lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	21299.2	1329.6	<lod< td=""><td>65.2</td><td><lod< td=""></lod<></td></lod<>	65.2	<lod< td=""></lod<>
X201	24	Pine Lake	63,64	2379.2	<lod< td=""><td><lod< td=""><td>358.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>358.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	358.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14988.8</td><td><lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	14988.8	<lod< td=""><td>410.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	410.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X201	30	Pine Lake	53,54	107.5	<lod< td=""><td><lod< td=""><td>109</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td>. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>109</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td>. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	109	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10297.6</td><td>. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10297.6</td><td>. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10297.6</td><td>. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	10297.6	. <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	6	Pine Lake	65,66	646.4	<lod< td=""><td><lod< td=""><td>224.6</td><td>153.1</td><td><lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>224.6</td><td>153.1</td><td><lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	224.6	153.1	<lod< td=""><td><lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9216</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9216	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	12	Pine Lake	67,68	4368	<lod< td=""><td><lod< td=""><td>1009.6</td><td>224.8</td><td><lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1009.6</td><td>224.8</td><td><lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1009.6	224.8	<lod< td=""><td><lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18099.2</td><td>905.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	18099.2	905.6	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	24	Pine Lake	57,58	1868.8	<lod< td=""><td><lod< td=""><td>344.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>344.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	344.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11699.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11699.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X202	30	Pine Lake	55,56	66.2	<lod< td=""><td><lod< td=""><td>87.4</td><td><lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>87.4</td><td><lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.4	<lod< td=""><td>178.8</td><td><lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	178.8	<lod< td=""><td>13696</td><td><lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	13696	<lod< td=""><td>366.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	366.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X203	6	Pine Lake	69,70	2400	<lod< td=""><td><lod< td=""><td>753.6</td><td>848.8</td><td><lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>753.6</td><td>848.8</td><td><lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	753.6	848.8	<lod< td=""><td><lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>26675.2</td><td>1369.6</td><td><lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<></td></lod<>	26675.2	1369.6	<lod< td=""><td><lod< td=""><td>250.6</td></lod<></td></lod<>	<lod< td=""><td>250.6</td></lod<>	250.6
X203	12	Pine Lake	71,72	4748.8	<lod< td=""><td><lod< td=""><td>1209.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1209.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1209.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25190.4</td><td><lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	25190.4	<lod< td=""><td><lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>223.8</td><td><lod< td=""></lod<></td></lod<>	223.8	<lod< td=""></lod<>
X203	24	Pine Lake	73,74	12998.4	<lod< td=""><td><lod< td=""><td>2748.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>2748.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	2748.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>21696</td><td><lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	21696	<lod< td=""><td><lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>290</td><td><lod< td=""></lod<></td></lod<>	290	<lod< td=""></lod<>
X203	30	Pine Lake	75,76	161.7	<lod< td=""><td><lod< td=""><td>143.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>143.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	143.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>15897.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	15897.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X204	6	Pine Lake	77,78	3219.2	<lod< td=""><td><lod< td=""><td>641.6</td><td>1040</td><td><lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>641.6</td><td>1040</td><td><lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	641.6	1040	<lod< td=""><td><lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>30080</td><td>1800</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	30080	1800	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X204	12	Pine Lake	79,80	7097.6	<lod< td=""><td><lod< td=""><td>1708.8</td><td>330</td><td>331.4</td><td><lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1708.8</td><td>330</td><td>331.4</td><td><lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	1708.8	330	331.4	<lod< td=""><td>35097.6</td><td><lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	35097.6	<lod< td=""><td>634.4</td><td>207.8</td><td><lod< td=""></lod<></td></lod<>	634.4	207.8	<lod< td=""></lod<>
X204	24	Pine Lake	81,82	4307.2	<lod< td=""><td><lod< td=""><td>1080</td><td>713.2</td><td><lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1080</td><td>713.2</td><td><lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1080	713.2	<lod< td=""><td><lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>35891.2</td><td><lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	35891.2	<lod< td=""><td>523.2</td><td>83.2</td><td><lod< td=""></lod<></td></lod<>	523.2	83.2	<lod< td=""></lod<>
X204	30	Pine Lake	83,84	820	<lod< td=""><td><lod< td=""><td>100.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>100.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12096</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12096	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X205	2	Pine Lake	85,86	<lod< td=""><td><lod< td=""><td><lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>49.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	49.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4067.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	4067.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X205	4	Pine Lake (beach)	87,88	18.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3539.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<></td></lod<>	3539.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>210.6</td></lod<></td></lod<>	<lod< td=""><td>210.6</td></lod<>	210.6
X205	5	Pine Lake (beach)	89,90	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3737.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3737.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	6	Pine Lake	91,92	1009.6	<lod< td=""><td><lod< td=""><td>192.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>192.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	192.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18892.8</td><td><lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	18892.8	<lod< td=""><td>549.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	549.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	12	Pine Lake	93,94	180.5	<lod< td=""><td><lod< td=""><td>117.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>117.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	117.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14400</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14400	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X206	24	Pine Lake	95,96	155.2	<lod< td=""><td><lod< td=""><td>123.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>123.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	123.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14694.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14694.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	6	Pine Lake	97,98	1720	<lod< td=""><td><lod< td=""><td>376</td><td>164.6</td><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>376</td><td>164.6</td><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	376	164.6	<lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14592	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	12	Pine Lake	99, 100	2019.2	<lod< td=""><td><lod< td=""><td>428</td><td>393</td><td><lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>428</td><td>393</td><td><lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	428	393	<lod< td=""><td><lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16691.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16691.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X207	24	Pine Lake	101,102	3059.2	<lod< td=""><td><lod< td=""><td>1009.6</td><td>934.4</td><td><lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1009.6</td><td>934.4</td><td><lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1009.6	934.4	<lod< td=""><td><lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>29184</td><td><lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<></td></lod<>	29184	<lod< td=""><td>779.6</td><td><lod< td=""><td>813.6</td></lod<></td></lod<>	779.6	<lod< td=""><td>813.6</td></lod<>	813.6
X207	30	Pine Lake	103,104	34.2	<lod< td=""><td><lod< td=""><td>70.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>70.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	70.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13696</td><td>952</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	13696	952	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	6	Pine Lake	105,106	1260	<lod< td=""><td><lod< td=""><td>271.4</td><td>410</td><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>271.4</td><td>410</td><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	271.4	410	<lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16192</td><td><lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	16192	<lod< td=""><td>1200</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1200	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	12	Pine Lake	108,109	2779.2	<lod< td=""><td><lod< td=""><td>544.4</td><td>548</td><td><lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>544.4</td><td>548</td><td><lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	544.4	548	<lod< td=""><td><lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19494.4</td><td><lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19494.4	<lod< td=""><td>568</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	568	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	24 - 26	Pine Lake	110,111	281.6	<lod< td=""><td><lod< td=""><td>68</td><td><lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>68</td><td><lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	68	<lod< td=""><td>153.4</td><td><lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	153.4	<lod< td=""><td>11398.4</td><td><lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	11398.4	<lod< td=""><td>713.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	713.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X208	30	Pine Lake	112,113	73.8	<lod< td=""><td><lod< td=""><td>99.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>99.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	99.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18688</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18688	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X209	6	Pine Lake	114,115	8960	<lod< td=""><td><lod< td=""><td>1920</td><td>248.2</td><td><lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1920</td><td>248.2</td><td><lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1920	248.2	<lod< td=""><td><lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>24896</td><td><lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<></td></lod<>	24896	<lod< td=""><td>950.4</td><td>127.1</td><td><lod< td=""></lod<></td></lod<>	950.4	127.1	<lod< td=""></lod<>
X209	12	Pine Lake	116,117	47283.2	1009.6	<lod< td=""><td>9984</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9984	<lod< td=""><td><lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>42188.8</td><td>2840</td><td><lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	42188.8	2840	<lod< td=""><td>221.8</td><td><lod< td=""></lod<></td></lod<>	221.8	<lod< td=""></lod<>

-

~

 Table 2

 Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

[[1	Metal Conc	entrations	in mg/kg	as identif	ied by X-R	ay Fluoresce	ence		
			VDE	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample	Sample Location	XRF Reading					Ontario	Sediment	Screening	Benchma	irks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X209	24	Pine Lake	118,119	12998.4	<lod< td=""><td><lod< td=""><td>1868.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1868.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1868.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25996.8</td><td><lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	25996.8	<lod< td=""><td>1720</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1720	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X209	30	Pine Lake	120,121	179.3	<lod< td=""><td><lod< td=""><td>103.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>103.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	103.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16896</td><td><lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	16896	<lod< td=""><td>610.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	610.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X210	6	Pine Lake	136,137	86374.4	1029.6	<lod< td=""><td>13593.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13593.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>78950.4</td><td><lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	78950.4	<lod< td=""><td>2099.2</td><td>124.4</td><td><lod< td=""></lod<></td></lod<>	2099.2	124.4	<lod< td=""></lod<>
X210	12	Pine Lake	\$38,139	16294.4	<lod< td=""><td><lod< td=""><td>3859.2</td><td><lod< td=""><td>439.6</td><td>•<lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>3859.2</td><td><lod< td=""><td>439.6</td><td>•<lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3859.2	<lod< td=""><td>439.6</td><td>•<lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	439.6	• <lod< td=""><td>42086.4</td><td><lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<></td></lod<>	42086.4	<lod< td=""><td>986.4</td><td>103.5</td><td><lod< td=""></lod<></td></lod<>	986.4	103.5	<lod< td=""></lod<>
X210	18	Pine Lake	142,143	28083.2	<lod< td=""><td><lod< td=""><td>4480</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>4480</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	4480	<lod< td=""><td><lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>49894.4</td><td>4627.2</td><td><lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	49894.4	4627.2	<lod< td=""><td>169.8</td><td><lod< td=""></lod<></td></lod<>	169.8	<lod< td=""></lod<>
X210	20	Pine Lake	140,141	4508.8	224.4	<lod< td=""><td>612.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	612.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>22195.2</td><td>1629.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	22195.2	1629.6	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	6	Pine Lake	144,145	37785.6	864.8	<lod< td=""><td>2508.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	2508.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>28595.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	28595.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	12	Pine Lake	146,147	244	<lod< td=""><td><lod< td=""><td>294</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>294</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	294	<lod< td=""><td><lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>22195.2</td><td><lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	22195.2	<lod< td=""><td>508</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	508	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X211	20	Pine Lake	148,149	133.4	<lod< td=""><td><lod< td=""><td>188.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>188.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	188.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16294.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16294.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X212	6	Pine Lake	150,151	8128	239.8	<lod< td=""><td>1389.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1389.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>21388.8</td><td><lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	21388.8	<lod< td=""><td>702.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	702.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X212	12	Pine Lake	152,153	110.7	<lod< td=""><td><lod< td=""><td>132.8</td><td><lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>132.8</td><td><lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	132.8	<lod< td=""><td>512.8</td><td><lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<></td></lod<>	512.8	<lod< td=""><td>18393.6</td><td><lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<></td></lod<>	18393.6	<lod< td=""><td>1779.2</td><td><lod< td=""><td>11398.4</td></lod<></td></lod<>	1779.2	<lod< td=""><td>11398.4</td></lod<>	11398.4
X213	6	Pine Lake	154,155	4960	<lod< td=""><td><lod< td=""><td>802</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>802</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	802	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18995.2</td><td><lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	18995.2	<lod< td=""><td>484</td><td>87.8</td><td><lod< td=""></lod<></td></lod<>	484	87.8	<lod< td=""></lod<>
X213	12	Pine Lake	156,157	1480	<lod< td=""><td><lod< td=""><td>252.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>252.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	252.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12000</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12000</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12000	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X213	15	Pine Lake	158,159	108.5	<lod< td=""><td><lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>135.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	135.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19788.8</td><td><lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19788.8	<lod< td=""><td>875.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	875.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X214	6	Pine Lake	160,161	35276.8	1129.6	<lod< td=""><td>7558.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	7558.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>37376</td><td><lod< td=""><td><lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	37376	<lod< td=""><td><lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>372</td><td><lod< td=""></lod<></td></lod<>	372	<lod< td=""></lod<>
X214	12	Pine Lake	162,163	2739.2	<lod< td=""><td><lod< td=""><td>654.8</td><td>654.8</td><td><lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>654.8</td><td>654.8</td><td><lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	654.8	654.8	<lod< td=""><td><lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19993.6</td><td>928.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	19993.6	928.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X214	24	Pine Lake	164,165	19596.8	482.8	<lod< td=""><td>3080</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	3080	<lod< td=""><td><lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>27878.4</td><td><lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	27878.4	<lod< td=""><td><lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>178</td><td><lod< td=""></lod<></td></lod<>	178	<lod< td=""></lod<>
X214	30	Pine Lake	166,167	693.6	73.8	<lod< td=""><td>239.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	239.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>14592</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	14592	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	6	Pine Lake	168,169	878.4	<lod< td=""><td><lod< td=""><td>163.4</td><td>150.8</td><td><lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>163.4</td><td>150.8</td><td><lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	163.4	150.8	<lod< td=""><td><lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8704</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	8704	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	12	Pine Lake	170,171	1560	102.3	<lod< td=""><td>294</td><td>253.2</td><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	294	253.2	<lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12198.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12198.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X215	24	Pine Lake	172,173	309.6	<lod< td=""><td><lod< td=""><td>143.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>143.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	143.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13094.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13094.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X216	6	Pine Lake	174,175	4678.4	<lod< td=""><td><lod< td=""><td>610</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>610</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	610	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>111.3</td><td><lod< td=""></lod<></td></lod<>	111.3	<lod< td=""></lod<>
X216	12	Pine Lake	176,177	146.7	<lod< td=""><td><lod< td=""><td>83.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>83.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	83.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	10598.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	6	Lake at Woodland Park	178,179	292.6	<lod< td=""><td><lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	129.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16192</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	16192	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	12	Lake at Woodland Park	180,181	169.9	<lod< td=""><td><lod< td=""><td>107.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>107.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	107.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X217	24	Lake at Woodland Park	182,183	357.4	<lod< td=""><td><lod< td=""><td>197.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>197.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	197.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>17292.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	17292.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	6	Lake at Woodland Park	184,185	147.9	<lod< td=""><td><lod< td=""><td>105</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>105</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	105	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12294.4</td><td><lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12294.4	<lod< td=""><td>345.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	345.4	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	12	Lake at Woodland Park	186,187	166.3	<lod< td=""><td><lod< td=""><td>130.3</td><td><lod< td=""><td><lod< td=""><td><loc< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></loc<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>130.3</td><td><lod< td=""><td><lod< td=""><td><loc< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></loc<></td></lod<></td></lod<></td></lod<>	130.3	<lod< td=""><td><lod< td=""><td><loc< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></loc<></td></lod<></td></lod<>	<lod< td=""><td><loc< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></loc<></td></lod<>	<loc< td=""><td>11596.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></loc<>	11596.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

.

~

 Table 2

 Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

[T			·····			Aetal Cond	entrations	in mg/kg	as identif	ed by X-R	ay Fluoresco	ence		·
	0		XRF	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample Depth in	Sample Location	Reading					Ontario	Sediment	Screening	Benchma	arks			
Number	inches	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X218	24	Lake at Woodland Park	188,189	150.2	<lod< td=""><td><lod< td=""><td>120.4</td><td><lqd< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lqd<></td></lod<></td></lod<>	<lod< td=""><td>120.4</td><td><lqd< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lqd<></td></lod<>	120.4	<lqd< td=""><td><lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lqd<>	<lod< td=""><td><lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12198.4</td><td><lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12198.4	<lod< td=""><td>399.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	399.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X218	30	Lake at Woodland Park	190,191	153	<lod< td=""><td><lod< td=""><td>102</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>102</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	102	<lod< td=""><td><lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>11494.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	11494.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	` 6	Lake at Woodland Park	192,193	183.6	<lod< td=""><td><lod< td=""><td>186.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>186.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	186.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>17689.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	17689.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	12	Lake at Woodland Park	194,195	155.9	<lod< td=""><td><lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>129.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	129.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18598.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18598.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	24	Lake at Woodland Park	196,197	175	31.6	<lod< td=""><td>142.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	142.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>18892.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	18892.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X219	34	Lake at Woodland Park	198,199	40.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>325.4</td><td>9395.2</td><td>704.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	325.4	9395.2	704.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	6	Drainage way between two lakes	200,201	101.2	<lod< td=""><td><lod< td=""><td>107</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>107</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	107	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12499.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12499.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	12	Drainage way between two lakes	202,023	41.3	<lod< td=""><td><lod< td=""><td>91.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>91.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	91.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12998.4</td><td><lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	12998.4	<lod< td=""><td>361</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	361	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X220	24	Drainage way between two lakes	204,205	28.7	<lod< td=""><td><lod< td=""><td>77.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>77.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	77.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>13888</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	13888	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	6	Drainage way between two lakes	206,207	419.2	<lod< td=""><td><lod< td=""><td>100.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>100.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>12396.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	12396.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	12	Drainage way between two lakes	208,209	22.5	<lod< td=""><td><lod< td=""><td>53.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>53.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	53.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>7846.4</td><td><lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>7846.4</td><td><lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	7846.4	<lod< td=""><td></td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>		<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X221	24	Drainage way between two lakes	210,211	<lod< td=""><td><lod< td=""><td><lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>72.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	72.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9747.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	9747.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
X222	6	Unnamed Pond at Pine Lake Rd.	347	938.4	<lod< td=""><td><lod< td=""><td>354.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>354.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	354.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>19289.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	19289.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA

1

~

 Table 2

 Metal Concentrations in Sediment as Identified by X-Ray Fluorescence

[ħ	Aetal Conc	entrations	in mg/kg	as identif	ied by X-R	ay Fluoresce	ence		
	Comple		XRF	Lead	Arsenic	Mercury	Zinc	Copper	Nickel	Cobalt	Iron	Manganese	Chromium	Cadmium	Silver
Sample	Sample Denth in	Sample Location	Reading					Ontario	Sediment	Screening	g Benchma	arks			
Number	1	Notes	Number	31	6	0.2	120	16	16	50	20000	460		0.6	0.5
X222	12	Unnamed Pond at Pine Lake Rd.	348	638	<lod< td=""><td><lod< td=""><td>824</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>824</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	824	<lod< td=""><td><lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>35481.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	35481.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X222	24	Unnamed Pond at Pine Lake Rd.	349	833.6	′ <lod< td=""><td><lod< td=""><td>1739.2</td><td><lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod td="" •<=""><td><lod< td=""><td>NA ·</td><td>NA</td></lod<></td></lod></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1739.2</td><td><lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod td="" •<=""><td><lod< td=""><td>NA ·</td><td>NA</td></lod<></td></lod></td></lod<></td></lod<>	1739.2	<lod< td=""><td>398.2</td><td>399.6</td><td>24998.4</td><td><lod td="" •<=""><td><lod< td=""><td>NA ·</td><td>NA</td></lod<></td></lod></td></lod<>	398.2	399.6	24998.4	<lod td="" •<=""><td><lod< td=""><td>NA ·</td><td>NA</td></lod<></td></lod>	<lod< td=""><td>NA ·</td><td>NA</td></lod<>	NA ·	NA
X223	6	Unnamed Pond at Pine Lake Rd.	350	2099.2	<lod< td=""><td><lod< td=""><td>1140</td><td>194.9</td><td>192.1</td><td><lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1140</td><td>194.9</td><td>192.1</td><td><lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	1140	194.9	192.1	<lod< td=""><td>10796.8</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	10796.8	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X223	12	Unnamed Pond at Pine Lake Rd.	351	36.8	<lod< td=""><td><lod< td=""><td>161</td><td><lod< td=""><td><lod< td=""><td><lod td="" ·<=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<></td></lod></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>161</td><td><lod< td=""><td><lod< td=""><td><lod td="" ·<=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<></td></lod></td></lod<></td></lod<></td></lod<>	161	<lod< td=""><td><lod< td=""><td><lod td="" ·<=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<></td></lod></td></lod<></td></lod<>	<lod< td=""><td><lod td="" ·<=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<></td></lod></td></lod<>	<lod td="" ·<=""><td>10598.4</td><td><lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<></td></lod>	10598.4	<lod< td=""><td><lod< td=""><td>NA .</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA .</td><td>NA</td></lod<>	NA .	NA
X223	24	Unnamed Pond at Pine Lake Rd.	352	276.4	<lod< td=""><td><lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	235	<lod< td=""><td><lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8499.2</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	8499.2	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X224	6	Pond at 21 Pine Lake Dr.	353	82	<lod< td=""><td><lod< td=""><td>58.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>58.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	58.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>9056</td><td><lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>9056</td><td><lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	9056	<lod< td=""><td>-<lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	- <lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X224	12	Pond at 21 Pine Lake Dr.	354	35.5	<lod< td=""><td><lod< td=""><td>73.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>73.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	73.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>8864</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	8864	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA
X224	24	Pond at 21 Pine Lake Dr.	355	39.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>16793.6</td><td><lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<></td></lod<>	16793.6	<lod< td=""><td><lod< td=""><td>NA</td><td>NA</td></lod<></td></lod<>	<lod< td=""><td>NA</td><td>NA</td></lod<>	NA	NA

. .4

4.5

Notes

1 NA - Soil not analyzed for metal

1.10

2 < LOD - Metal is below level of detection

TAble 3

 \smile

٠

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

 \checkmark

 \sim

	[1				·				.	7
				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
		Sample	XRF			Residentia	al Corrective A	ction Objectiv	es in mg/kg		
Sample Number	Sample Number Modifier	Depth (inches)	Reading Number	400	11.3	23000	2900	1600	4700	3700	230
R1	215 Pine Lake Rd.	surface	216	331.8	<lod< td=""><td>154.2</td><td><lod< td=""><td><lod< td=""><td>212.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	154.2	<lod< td=""><td><lod< td=""><td>212.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>212.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	212.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R1	215 Pine Lake Rd.	4	217	517.2	<lod< td=""><td>195.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	195.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R1	215 Pine Lake Rd.	6	218	496	<lod< td=""><td>163.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	163.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R1 .	215 Pine Lake Rd.	10	219	445.6	<lod< td=""><td>162.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	162.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R2 .	215 Pine Lake Rd.	surface	220	324.6	<lod< td=""><td>424.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	424.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R2	215 Pine Lake Rd.	8	221	281.2	<lod< td=""><td>370.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	370.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R3	211 Pine Lake Rd.	surface	222	1000	<lod< td=""><td>446.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>518</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	446.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>518</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>518</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>518</td><td><lod< td=""></lod<></td></lod<>	518	<lod< td=""></lod<>
R3	211 Pine Lake Rd.	4	223	540	<lod< td=""><td>183.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>814.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	183.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td>814.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>814.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>814.4</td><td><lod< td=""></lod<></td></lod<>	814.4	<lod< td=""></lod<>
R3	211 Pine Lake Rd.	6	224	162.4	<lod< td=""><td>117.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	117.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R4	211 Pine Lake Rd.	surface	225	1160	144.1	890.4	<lod< td=""><td><lod< td=""><td>913.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>913.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	913.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R4	211 Pine Lake Rd.	4	226	960.8	76	456.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R4	211 Pine Lake Rd.	6	227	229.6	<lod< td=""><td>138</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	138	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R5	211 Pine Lake Rd.	surface	228	211.2	<lod< td=""><td>97.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>566.8</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	97.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>566.8</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>566.8</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>566.8</td></lod<></td></lod<>	<lod< td=""><td>566.8</td></lod<>	566.8
R5	211 Pine Lake Rd.	4	229	221.8	<lod< td=""><td>94</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>595.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	94	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>595.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>595.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>595.6</td></lod<></td></lod<>	<lod< td=""><td>595.6</td></lod<>	595.6
R6	5 Pine Lake Drive	2	230	218.2	<lod< td=""><td>71.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>380.2</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	71.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>380.2</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>380.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>380.2</td></lod<></td></lod<>	<lod< td=""><td>380.2</td></lod<>	380.2
R6	5 Pine Lake Drive	5	231	242	<lod< td=""><td>62.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>302</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	62.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>302</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>302</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>302</td></lod<></td></lod<>	<lod< td=""><td>302</td></lod<>	302
R6	5 Pine Lake Drive	7	232	291.8	<lod< td=""><td>101</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>721.2</td><td>595.2</td></lod<></td></lod<></td></lod<></td></lod<>	101	<lod< td=""><td><lod< td=""><td><lod< td=""><td>721.2</td><td>595.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>721.2</td><td>595.2</td></lod<></td></lod<>	<lod< td=""><td>721.2</td><td>595.2</td></lod<>	721.2	595.2
R6	5 Pine Lake Drive	8	233	333	<lod< td=""><td>60.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>760.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	60.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>760.4</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>760.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>760.4</td></lod<></td></lod<>	<lod< td=""><td>760.4</td></lod<>	760.4
R6	5 Pine Lake Drive	30	234	333.2	<lod< td=""><td>100</td><td><lod< td=""><td><lod< td=""><td>270.8</td><td><lod< td=""><td>378.8</td></lod<></td></lod<></td></lod<></td></lod<>	100	<lod< td=""><td><lod< td=""><td>270.8</td><td><lod< td=""><td>378.8</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>270.8</td><td><lod< td=""><td>378.8</td></lod<></td></lod<>	270.8	<lod< td=""><td>378.8</td></lod<>	378.8
R7	5 Pine Lake Drive	surface	235	327	40.8	110.8	<lod< td=""><td>161</td><td><lod< td=""><td><lod< td=""><td>826.4</td></lod<></td></lod<></td></lod<>	161	<lod< td=""><td><lod< td=""><td>826.4</td></lod<></td></lod<>	<lod< td=""><td>826.4</td></lod<>	826.4
R7	5 Pine Lake Drive	4	236	154.5	<lod< td=""><td>74.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>389.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	74.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>389.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>389.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>389.6</td></lod<></td></lod<>	<lod< td=""><td>389.6</td></lod<>	389.6
R7	5 Pine Lake Drive	8	237	5968	<lod< td=""><td>527.6</td><td>354.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>1249.6</td></lod<></td></lod<></td></lod<></td></lod<>	527.6	354.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td>1249.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>1249.6</td></lod<></td></lod<>	<lod< td=""><td>1249.6</td></lod<>	1249.6
R8	5 Pine Lake Drive	surface	238	2329.6	<lod< td=""><td>298</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>774.4</td><td>560.4</td></lod<></td></lod<></td></lod<></td></lod<>	298	<lod< td=""><td><lod< td=""><td><lod< td=""><td>774.4</td><td>560.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>774.4</td><td>560.4</td></lod<></td></lod<>	<lod< td=""><td>774.4</td><td>560.4</td></lod<>	774.4	560.4
R9	6 Pine Lake Drive	surface	239	833.6	<lod< td=""><td>351.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>788.8</td><td>477.2</td></lod<></td></lod<></td></lod<></td></lod<>	351.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>788.8</td><td>477.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>788.8</td><td>477.2</td></lod<></td></lod<>	<lod< td=""><td>788.8</td><td>477.2</td></lod<>	788.8	477.2
R9	6 Pine Lake Drive	4	240	9318.4	307.6	618	203	<lod< td=""><td><lod< td=""><td><lod< td=""><td>621.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>621.2</td></lod<></td></lod<>	<lod< td=""><td>621.2</td></lod<>	621.2
R9	6 Pine Lake Drive	4	242	13388.8	718.8	813.6	267.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R9	6 Pine Lake Drive	12	241	226.2	<lod< td=""><td>134.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>674</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	134.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>674</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>674</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>674</td></lod<></td></lod<>	<lod< td=""><td>674</td></lod<>	674
R10	6 Pine Lake Drive	surface	243	3228.8	<lod< td=""><td>421.2</td><td>116.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>728.4</td></lod<></td></lod<></td></lod<></td></lod<>	421.2	116.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>728.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>728.4</td></lod<></td></lod<>	<lod< td=""><td>728.4</td></lod<>	728.4
R11	6 Pine Lake Drive	2	244	382.4	<lod< td=""><td>84.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>472.8</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	84.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>472.8</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>472.8</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>472.8</td></lod<></td></lod<>	<lod< td=""><td>472.8</td></lod<>	472.8
R11	6 Pine Lake Drive	4	245	114.5	<lod< td=""><td>91.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>666.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	91.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>666.4</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>666.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>666.4</td></lod<></td></lod<>	<lod< td=""><td>666.4</td></lod<>	666.4
R12	21 Pine Lake Drive	surface	246	62.5	<lod< td=""><td>55.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	55.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R12	21 Pine Lake Drive	4	247	89.8	<lod< td=""><td>69.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	69.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

.

					· <u></u>						
1				Pb	As	Zn	Cu	Ni	Co.	Mn	Cr
Sample		Sample Depth	XRF Reading			Residenti	al Corrective A	Action Objectiv	es in mg/kg		
Number-	Sample Number Modifier	(inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R12	21 Pine Lake Drive	6	248	31	<lod< td=""><td>69.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	69.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R13	20 Pine Lake Drive	2	249	151.8	<lod< td=""><td>89.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	89.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R13	20 Pine Lake Drive	4	250	165	<lod< td=""><td>127.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>345</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	127.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>345</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>345</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>345</td></lod<></td></lod<>	<lod< td=""><td>345</td></lod<>	345
R14	20 Pine Lake Drive	3	251	69.5	<lod< td=""><td>98.9</td><td><lod< td=""><td>*<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	98.9	<lod< td=""><td>*<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	* <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R15	22 Pine Lake Drive	1	252	320.2	<lod< td=""><td>113.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	113.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R15	22 Pine Lake Drive	4	253	387	<lod< td=""><td>93.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	93.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R15	22 Pine Lake Drive	8	254	461.2	<lod< td=""><td>106.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	106.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R16	22 Pine Lake Drive	1	255	83.6	<lod< td=""><td>73.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	73.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R16	22 Pine Lake Drive	4	256	94.6	<l00< td=""><td>98.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>663.6</td></lod<></td></lod<></td></lod<></td></lod<></td></l00<>	98.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>663.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>663.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>663.6</td></lod<></td></lod<>	<lod< td=""><td>663.6</td></lod<>	663.6
R17	22 Pine Lake Drive	surface	257	1400	<lod< td=""><td>1249.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1249.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R17 •	22 Pine Lake Drive	4	258	692.4	<lod< td=""><td>556</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	556	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R17	22 Pine Lake Drive	8	259	915.2	<lod< td=""><td>566</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	566	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R17	22 Pine Lake Drive	10	260	577.2	<lod< td=""><td>149.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	149.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R18	13 Pine Lake Drive	1	261	456.4	<lod< td=""><td>71.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	71.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R18	13 Pine Lake Drive	4	262	512.4	<lod< td=""><td>87.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>581.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>581.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>581.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>581.2</td><td><lod< td=""></lod<></td></lod<>	581.2	<lod< td=""></lod<>
R18	13 Pine Lake Drive	8	263	318.8	<lod< td=""><td>73.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>633.6</td><td>281.2</td></lod<></td></lod<></td></lod<></td></lod<>	73.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>633.6</td><td>281.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>633.6</td><td>281.2</td></lod<></td></lod<>	<lod< td=""><td>633.6</td><td>281.2</td></lod<>	633.6	281.2
R19	13 Pine Lake Drive	surface	264	670	<lod< td=""><td>71</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	71	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R19	13 Pine Lake Drive	4	265	854.4	<lod< td=""><td>84.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	84.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R19	13 Pine Lake Drive	8	266	460.8	<lod< td=""><td>80.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>500.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	80.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td>500.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>500.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>500.8</td><td><lod< td=""></lod<></td></lod<>	500.8	<lod< td=""></lod<>
R20	16 Pine Lake Road	2	267	182	<lod< td=""><td>86</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	86	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R20	16 Pine Lake Road	4	268	184.2	<lod< td=""><td>100.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>480.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>480.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>480.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>480.4</td><td><lod< td=""></lod<></td></lod<>	480.4	<lod< td=""></lod<>
R21	16 Pine Lake Road	surface	269	824	<lod< td=""><td>179.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	179.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R21	16 Pine Lake Road	4	270	1060	<lod< td=""><td>302.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	302.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R21	16 Pine Lake Road	8	271	432	<lod< td=""><td>109.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>554.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	109.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td>554.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>554.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>554.4</td><td><lod< td=""></lod<></td></lod<>	554.4	<lod< td=""></lod<>
R21	16 Pine Lake Road	12	273	1029.6	<lod< td=""><td>156.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	156.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R21	16 Pine Lake Road	14	272	1249.6	<lod< td=""><td>204.1</td><td><lod< td=""><td><lod< td=""><td>696.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	204.1	<lod< td=""><td><lod< td=""><td>696.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>696.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	696.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R22	214 Pine Lake Road	surace	274	174.4	<lod< td=""><td>51.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	51.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R22	214 Pine Lake Road	4	275	204.1	<lod< td=""><td>46.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	46.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R22	214 Pine Lake Road	8	276	268.6	<lod< td=""><td>80.1</td><td><lod< td=""><td><lod< td=""><td>180.3</td><td>640.8</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	80.1	<lod< td=""><td><lod< td=""><td>180.3</td><td>640.8</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>180.3</td><td>640.8</td><td><lod< td=""></lod<></td></lod<>	180.3	640.8	<lod< td=""></lod<>
R23	214 Pine Lake Road	surface	277	151.4	<lod< td=""><td>69.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	69.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R23	214 Pine Lake Road	4	278	190.8	<lod< td=""><td>71.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	71.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R24	4 Pine Lake Drive	surface	279	8198.4	394	1699.2	<lod< td=""><td><lod< td=""><td>483.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>483.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	483.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

1

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

						·····					
				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
Sampla		Sample Depth	XRF Reading			Residentia	al Corrective A	Action Objectiv	es in mg/kg		
Sample Number	Sample Number Modifier	(inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R24	4 Pine Lake Drive	1-3	280	3657.6	131.6	704.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R24	4 Pine Lake Drive	4	281	8768	568.8	2169.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R24	4 Pine Lake Drive	8	282	3888	150	590	<lod< td=""><td><lod< td=""><td>813.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>813.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	813.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R24	4 Pine Lake Drive	20	283	143.8	<lod< td=""><td>77.6</td><td><lod td="" ·<=""><td><lod< td=""><td><lod< td=""><td><loď< td=""><td><lod< td=""></lod<></td></loď<></td></lod<></td></lod<></td></lod></td></lod<>	77.6	<lod td="" ·<=""><td><lod< td=""><td><lod< td=""><td><loď< td=""><td><lod< td=""></lod<></td></loď<></td></lod<></td></lod<></td></lod>	<lod< td=""><td><lod< td=""><td><loď< td=""><td><lod< td=""></lod<></td></loď<></td></lod<></td></lod<>	<lod< td=""><td><loď< td=""><td><lod< td=""></lod<></td></loď<></td></lod<>	<loď< td=""><td><lod< td=""></lod<></td></loď<>	<lod< td=""></lod<>
R25	4 Pine Lake Drive	surface	284	2419.2	<lod< td=""><td>393.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	393.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R25	4 Pine Lake Drive	4	285	2609.6	129.2	512	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R25	4 Pine Lake Drive	8	286	1289.6	84	1868.8	<lod< td=""><td><lod< td=""><td>1149.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>1149.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1149.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R25	4 Pine Lake Drive	24	287	249.6	<lod< td=""><td>204.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	204.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R26	4 Pine Lake Drive	surface	288	210.6	<lod< td=""><td>124.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>472.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	124.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td>472.4</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>472.4</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>472.4</td><td><lod< td=""></lod<></td></lod<>	472.4	<lod< td=""></lod<>
R26	4 Pine Lake Drive	4	289	288.4	<lod< td=""><td>175.7</td><td><lod< td=""><td><lod< td=""><td>248</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	175.7	<lod< td=""><td><lod< td=""><td>248</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>248</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	248	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R26	4 Pine Lake Drive	8	290	540.8	<lod< td=""><td>222.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	222.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R26	4 Pine Lake Drive	16	291	34.7	<lod< td=""><td>134.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	134.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R27	4 Briarwood	surface	292	43.8	<lod< td=""><td>59.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	59.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R27	4 Briarwood	4	293	42.3	<lod< td=""><td>64.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	64.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R27	4 Briarwood	12	294	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R28	4 Briarwood	surface	295	<lod< td=""><td><lod< td=""><td>77.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>77.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	77.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R28	4 Briarwood	4	296	26.1	<lod< td=""><td>75.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	75.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R28	4 Briarwood	12	297	36.3	<lod< td=""><td>76.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	76.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R29	4 Briarwood	surface	298	29.4	<lod< td=""><td>79.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>749.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	79.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td>749.2</td><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>749.2</td><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td>749.2</td><td><lod< td=""></lod<></td></lod<>	749.2	<lod< td=""></lod<>
R30	7 Briarwood	surface	301	429.2	<lod< td=""><td>109.9</td><td><lod< td=""><td>158.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	109.9	<lod< td=""><td>158.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	158.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R30	7 Briarwood	4	302	264.6	<lod< td=""><td>141.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	141.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R30	7 Briarwood	8	303	245.4	<lod< td=""><td>142.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	142.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R31	7 Briarwood	surface	305	694	<lod< td=""><td>110.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>347</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	110.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>347</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>347</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>347</td></lod<></td></lod<>	<lod< td=""><td>347</td></lod<>	347
R31	7 Briarwood	4	306	581.2	<lod< td=""><td>143.4</td><td><lod< td=""><td><lod< td=""><td>303.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	143.4	<lod< td=""><td><lod< td=""><td>303.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>303.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	303.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R31	7 Briarwood	8	308	516	<lod< td=""><td>124.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>405.2</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	124.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>405.2</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>405.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>405.2</td></lod<></td></lod<>	<lod< td=""><td>405.2</td></lod<>	405.2
R31	7 Briarwood	12	307	67.3	<lod< td=""><td>81</td><td><lod< td=""><td>153</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	81	<lod< td=""><td>153</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	153	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R32	100 Tessy Lane	surface	309	988.8	<lod< td=""><td>223.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	223.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R32	100 Tessy Lane	4	310	1920	<lod< td=""><td>364.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	364.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R32	100 Tessy Lane	8	311	1540	<lod< td=""><td>413.6</td><td><lod< td=""><td>183.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	413.6	<lod< td=""><td>183.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	183.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R32	100 Tessy Lane	12	. 312	10195.2	268.6	972	253.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R32	100 Tessy Lane	18	313	3689.6	126.6	489.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R33	100 Tessy Lane	2	314	75.3	<lod< td=""><td>43</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	43	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

 \sim

 \sim

•

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
Sampla		Sample Depth	XRF Reading			Residentia	al Corrective A	Action Objectiv	es in mg/kg		
Sample Number	Sample Number Modifier	(inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R33	100 Tessy Lane	4	315	395	<lod< td=""><td>58.8</td><td><lod< td=""><td><lod< td=""><td>225.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	58.8	<lod< td=""><td><lod< td=""><td>225.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>225.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	225.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R33	100 Tessy Lane	8	316	1020	<lod< td=""><td>118.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	118.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R33	100 Tessy Lane	12	317	988	<lod< td=""><td>103.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	103.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R33	100 Tessy Lane	24	318	597.2	52.9	162.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lôd< td=""><td><lod< td=""></lod<></td></lôd<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lôd< td=""><td><lod< td=""></lod<></td></lôd<></td></lod<></td></lod<>	<lod< td=""><td><lôd< td=""><td><lod< td=""></lod<></td></lôd<></td></lod<>	<lôd< td=""><td><lod< td=""></lod<></td></lôd<>	<lod< td=""></lod<>
R34 ~	1871 Raintree	2	319	73.9	<lod< td=""><td>76</td><td><lod< td=""><td><lod< td=""><td>335.6</td><td><lod< td=""><td>290.2</td></lod<></td></lod<></td></lod<></td></lod<>	76	<lod< td=""><td><lod< td=""><td>335.6</td><td><lod< td=""><td>290.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>335.6</td><td><lod< td=""><td>290.2</td></lod<></td></lod<>	335.6	<lod< td=""><td>290.2</td></lod<>	290.2
R34	1871 Raintree	4	320	102.6	<lod< td=""><td>90</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>398.2</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	90	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>398.2</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>398.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>398.2</td></lod<></td></lod<>	<lod< td=""><td>398.2</td></lod<>	398.2
R34	1871 Raintree	24	321	1609.6	<lod< td=""><td>215.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	215.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R35	1871 Raintree	2	322	70.4	<lod< td=""><td>100.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	100.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R35	1871 Raintree	24	323	182.4	<lod< td=""><td>75.1</td><td><lod< td=""><td><lod< td=""><td>275.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	75.1	<lod< td=""><td><lod< td=""><td>275.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>275.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	275.4	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R35	1871 Raintree	30	324	65.2	<lod< td=""><td>87.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R36	1009 Hickory Point	2	325	47.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R36	1009 Hickory Point	8	326	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R36	1009 Hickory Point	24	327	279.6	<lod< td=""><td>87.5</td><td><lod< td=""><td><lod< td=""><td>282.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.5	<lod< td=""><td><lod< td=""><td>282.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>282.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	282.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R37	1020 Pine Lake Road	surface	331	157.6	<lod< td=""><td>169.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	169.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R37	1020 Pine Lake Road	4	332	217.2	<lod< td=""><td>241.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	241.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R37	1020 Pine Lake Road	8	333	171.6	<lod< td=""><td>239.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	239.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R38	1020 Pine Lake Road	surface	334	1389.6	<lod< td=""><td>1389.6</td><td>152</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1389.6	152	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R38	1020 Pine Lake Road	0 - 1	335	1760	<lod< td=""><td>1920</td><td>210.4</td><td>220.4</td><td>378</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	1920	210.4	220.4	378	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R39		surface	336	6080	<lod< td=""><td>5587.2</td><td>1369.6</td><td>798.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	5587.2	1369.6	798.8	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R40		surface	337	5868.8	<lod< td=""><td>3449.6</td><td>1409.6</td><td>526.8</td><td>800.8</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	3449.6	1409.6	526.8	800.8	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R41		surface	338	2809.6	<lod< td=""><td>2388.8</td><td>677.2</td><td>416</td><td><lod< td=""><td>1129.6</td><td><lod< td=""></lod<></td></lod<></td></lod<>	2388.8	677.2	416	<lod< td=""><td>1129.6</td><td><lod< td=""></lod<></td></lod<>	1129.6	<lod< td=""></lod<>
R42		surface	339	1329.6	<lod< td=""><td>4089.6</td><td>346.8</td><td>398.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	4089.6	346.8	398.2	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R43		surface	340	5897.6	<lod< td=""><td>7347.2</td><td>2899.2</td><td>679.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	7347.2	2899.2	679.2	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R44	· · · · · · · · · · · · · · · · · · ·	surface	341	830.4	<lod< td=""><td>1209.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	1209.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R45		surface	342	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R46	1020 Pine Lake Road	surface	343	50.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R46	1020 Pine Lake Road	6	344	42	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R46	1020 Pine Lake Road	12	345	39.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R46	1020 Pine Lake Road	24	346	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R47	1029 Hickory Point	2	356	109.7	<lod< td=""><td>93.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	93.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R47	1029 Hickory Point	8	357	74.7	<lod< td=""><td>121.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>291.2</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	121.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>291.2</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>291.2</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>291.2</td></lod<></td></lod<>	<lod< td=""><td>291.2</td></lod<>	291.2
R47	1029 Hickory Point	18	358	38.8	<lod< td=""><td>65.8</td><td><lod< td=""><td><lod< td=""><td>292.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	65.8	<lod< td=""><td><lod< td=""><td>292.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>292.4</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	292.4	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

-

 \sim

 \smile

•

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

[······							<u>`</u>
				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
Comolo		Sample	XRF Reading			Residentia	al Corrective A	ction Objectiv	es in mg/kg		
Sample Number	Sample Number Modifier	Depth (inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R48	1029 Hickory Point	2	359	166.6	<lod< td=""><td>108.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	108.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R49	1029 Hickory Point	surface	360	67	<lod< td=""><td>95.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	95.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R49	1029 Hickory Point	6	361	102.7	<lod< td=""><td>97.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	97.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R50	1028 Hickory Point	surface	362	218.6	<lod< td=""><td>71.9</td><td><lod *<="" td=""><td><lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod></td></lod<>	71.9	<lod *<="" td=""><td><lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod>	<lod< td=""><td>235</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	235	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R50	1028 Hickory Point	6	363	194.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R51	6 Cedar Point	2	364	51.5	<lod< td=""><td>85.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	85.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R52	6 Cedar Point	surface	365	68.9	<lod< td=""><td>80.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	80.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R52	6 Cedar Point	24	366	33.9	<lod< td=""><td>70.3</td><td><lod< td=""><td><lod< td=""><td>285.8</td><td><lod< td=""><td>307.8</td></lod<></td></lod<></td></lod<></td></lod<>	70.3	<lod< td=""><td><lod< td=""><td>285.8</td><td><lod< td=""><td>307.8</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>285.8</td><td><lod< td=""><td>307.8</td></lod<></td></lod<>	285.8	<lod< td=""><td>307.8</td></lod<>	307.8
R53	6 Cedar Point	1 - 2	367	1819.2	<lod< td=""><td>300</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	300	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R54	4 Driftwood	1	368	171.1	<lod< td=""><td>96.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	96.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R54	4 Driftwood	10	369	561.6	<lod< td=""><td>103.1</td><td><lod< td=""><td>132.2</td><td><lod< td=""><td><lod< td=""><td>299</td></lod<></td></lod<></td></lod<></td></lod<>	103.1	<lod< td=""><td>132.2</td><td><lod< td=""><td><lod< td=""><td>299</td></lod<></td></lod<></td></lod<>	132.2	<lod< td=""><td><lod< td=""><td>299</td></lod<></td></lod<>	<lod< td=""><td>299</td></lod<>	299
R54	4 Driftwood	14	370	546.4	<lod< td=""><td>106.5</td><td><lod< td=""><td><lod< td=""><td>211.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	106.5	<lod< td=""><td><lod< td=""><td>211.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>211.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	211.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R54	4 Driftwood	24	371	34.5	<lod< td=""><td>70</td><td><lod< td=""><td>155.1</td><td><lod< td=""><td><lod< td=""><td>340</td></lod<></td></lod<></td></lod<></td></lod<>	70	<lod< td=""><td>155.1</td><td><lod< td=""><td><lod< td=""><td>340</td></lod<></td></lod<></td></lod<>	155.1	<lod< td=""><td><lod< td=""><td>340</td></lod<></td></lod<>	<lod< td=""><td>340</td></lod<>	340
R55	1016 Hickory Point	surface	372	33.3	20.5	84.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R55	1016 Hickory Point	6	373	71.7	<lod< td=""><td>90.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	90.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R56	1016 Hickory Point	surface	374	1720	<lod< td=""><td>194.6</td><td><lod< td=""><td><lod< td=""><td>356.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	194.6	<lod< td=""><td><lod< td=""><td>356.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>356.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	356.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R56	1016 Hickory Point	6	375	522.8	65.1	126.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R56	1016 Hickory Point	12	376	1189.6	<lod< td=""><td>196.4</td><td><lod< td=""><td><lod< td=""><td>393.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	196.4	<lod< td=""><td><lod< td=""><td>393.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>393.2</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	393.2	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R56	1016 Hickory Point	18	377	2249.6	<lod< td=""><td>236.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>385.6</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	236.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>385.6</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>385.6</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>385.6</td></lod<></td></lod<>	<lod< td=""><td>385.6</td></lod<>	385.6
R56	1016 Hickory Point	24	378	352.8	<lod< td=""><td>117.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	117.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R57	1016 Hickory Point	surface	379	28.2	<lod< td=""><td>50.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	50.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R57	1016 Hickory Point	10	380	84.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R57	1016 Hickory Point	18	381	87.7	<lod< td=""><td>117.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	117.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R57	1016 Hickory Point	24	382	272	<lod< td=""><td>173.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	173.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R58	1965 Rain Tree	1	383	28800	768.4	1600	227.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R58	1965 Rain Tree	4	384	90572.8	4579.2	5628.8	810.4	982.4	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R58	1965 Rain Tree	8	385	46182.4	2108.8	2819.2	505.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R58	1965 Rain Tree	16	386	48179.2	1680	2588.8	399.2	504	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R59	2002 Rain Tree	surface	387	40.6	<lod< td=""><td>73.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	73.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R59	2002 Rain Tree	6	388	+	<lod< td=""><td>74</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	74	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R59	2002 Rain Tree	12	389	118.8	<lod< td=""><td>104.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	104.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R59	2002 Rain Tree	24	390	·····	<lod< td=""><td>103.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	103.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

TAb∟é 3

 \smile

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

 \checkmark

 \sim

											······
				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
Sample		Sample Depth	XRF Reading			Residentia	al Corrective A	ction Objectiv	es in mg/kg		
Number	Sample Number Modifier	(inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R60	733 Peach Tree	surface	391	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R60	733 Peach Tree	6	392	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R60	733 Peach Tree	16	393	37.1	<lod< td=""><td>88.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	88.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R60	733 Peach Tree	- 24	394	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R61 '	1997 Lemon Tree	1	395	<lod< td=""><td><lod< td=""><td>81</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>81</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	81	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R61	1997 Lemon Tree	4	396	49	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R61	1997 Lemon Tree	18	397	233.4	<lod< td=""><td>56.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	56.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R61	1997 Lemon Tree	24	398	45.2	<lod< td=""><td>87.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R62	1909 Pinehurst Court	surface	399	79.7	<lod< td=""><td>67.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	67.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R62	1909 Pinehurst Court	surface	400	254.2	<lod< td=""><td>138.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>426.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	138.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>426.4</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>426.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>426.4</td></lod<></td></lod<>	<lod< td=""><td>426.4</td></lod<>	426.4
R62	1909 Pinehurst Court	4	401	203.1	42.4	100.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R63	1909 Pinehurst Court	1	402	40.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R63	1909 Pinehurst Court	6	403	39	<lod< td=""><td>113</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	113	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R63	1909 Pinehurst Court	24	404	28.9	<lod< td=""><td>98.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	98.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R64	1909 Pinehurst Court	3	405	200.3	<lod< td=""><td>884.8</td><td><lod< td=""><td>284.8</td><td>444.8</td><td>1220</td><td><lod< td=""></lod<></td></lod<></td></lod<>	884.8	<lod< td=""><td>284.8</td><td>444.8</td><td>1220</td><td><lod< td=""></lod<></td></lod<>	284.8	444.8	1220	<lod< td=""></lod<>
R65	1911 Pinehurst Court	surface	406	93	<lod< td=""><td>106.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	106.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R65	1911 Pinehurst Court	6	407	36.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R65	1911 Pinehurst Court	12	408	103.8	<lod< td=""><td>92.2</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	92.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R65	1911 Pinehurst Court	14	409	92.9	<lod< td=""><td>77.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>508.4</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	77.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>508.4</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>508.4</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>508.4</td></lod<></td></lod<>	<lod< td=""><td>508.4</td></lod<>	508.4
R65	1911 Pinehurst Court	24	410	98.2	<lod< td=""><td>84.4</td><td><lod< td=""><td>· <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	84.4	<lod< td=""><td>· <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	· <lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R66	1989 Banyon Tree	1	411	45	<lod< td=""><td>76.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	76.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R66	1989 Banyon Tree	4	412	56.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R67	1505 California	1	413	221.6	<lod< td=""><td>87.6</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	87.6	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R67	1505 California	6	414	188.7	<lod< td=""><td>93.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	93.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R67	1505 California	12	415	590.4	<lod< td=""><td>145.9</td><td><lod< td=""><td><lod< td=""><td>234.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	145.9	<lod< td=""><td><lod< td=""><td>234.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>234.6</td><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	234.6	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R67	1505 California	24	416	43	<lod< td=""><td>74.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	74.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R68	1505 California	surface	417	333.2	<lod< td=""><td>82.1</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	82.1	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R68	1505 California	6	418	864.8	<lod< td=""><td>155.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>362</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	155.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td>362</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td>362</td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td>362</td></lod<></td></lod<>	<lod< td=""><td>362</td></lod<>	362
R68	1505 California	12	419	1369.6	<lod< td=""><td>149.5</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	149.5	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R68	1505 California	24	420	·····	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R69	1711 California	surface	421	252.4	<lod< td=""><td>99.3</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	99.3	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R69	1711 California	6	422	324	<lod< td=""><td>144.4</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	144.4	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

 \sim

TABLE 3

				Pb	As	Zn	Cu	Ni	Co	Mn	Cr
Sample		Sample Depth	XRF Reading			Residenti	ial Corrective A	ction Objectiv	es in mg/kg		
Number	Sample Number Modifier	(inches)	Number	400	11.3	23000	2900	1600	4700	3700	230
R69	1711 California	12	423	57.2	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R69	1711 California	24	424	136.5	<lod< td=""><td>135.9</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	135.9	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R70	1711 California	surface	426	103.6	<lod< td=""><td>97.8</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	97.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R70	1711 California	6	427	199.6	<lod< td=""><td>114.7</td><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	114.7	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>
R70	1711 California	12	428	49.8	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""><td><lod< td=""></lod<></td></lod<></td></lod<>	<lod< td=""><td><lod< td=""></lod<></td></lod<>	<lod< td=""></lod<>

Residential X-Ray Fluorescence Soil Analysis Results in Parts Per Million

Notes

1 NA - Soil not analyzed for metal

2 < LOD - Metal is below level of detection

3 Error column next to each metal displays the margin of error for each compound detected (+, or -).

TABLE 4 Residential Soil Laboratory Analysis Results

Sample Number :	ME00Q		ME00Q	-	ME00R	-	ME00R		ME00R	2	ME00R3		
Address	6 Pine Li	ake Dr	4 Pine L	4 Pine Lake Dr		4 Pine Lake Dr		1020 Pine		6 Cedar Point		1911 Pinehurst	
1	1				Lake Rd		[Ct.				
Sampling Location :	X101		X102		X103		X104	X104		X105		X106	
Matrix ;	Soil		Soil		Soil		Soil		Soil		Soil		
Units :	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	· ·	
Date Sampled :	03/07/20	002	03/07/20	002	03/07/20)02	03/08/20	002	03/08/20	002	03/08/200)2	
Time Sampled :	10:37		14:50		14:50		08:15		11:55		13:55		
%Solids :	71.1		72.7		72.6		79.6		75.7		60.9		
Dilution Factor :	1.0		1.0		1.0		1.0		1.0		1.0		
ANALYTE	Result	Fiag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
ALUMINUM	4610	Ľ	7970		6180		8050		6050		6940		
ANTIMONY	55.0	J	4.9	J	5.3	J	8.8	J	1.3	J	1.0	UJ	
ARSENIC	28.8		12.9		12.4		11.5		9.9		11.6		
BARIUM	250		359		349		317		110		150		
BERYLLIUM	0.52		0.84		0.68	L	0.75		0.53		0.92		
CADMIUM	30.6		16.0		16.2		1.1		17.4		9.0		
CALCIUM	17700		15200		23500		32000		55900		37000		
CHROMIUM	10.5		13.4		9.9		13.4		10.7		17.3		
COBALT	44.1	J	14.9	J	70.6	J	225	J	33.8	J	137	J	
COPPER	526		70.8		99.1		321		58.6		80.8		
IRON	30700		29400		28700		63100		16800		29500		
LEAD	36700	J	6730	J	6550	J	6680	J	2730	J	389		
MAGNESIUM	2170		4700		4280		8350		3720		14500		
MANGANESE	1220		616		592		780		1100		2030		
MERCURY	0.64		0.28		0.23		0.070		0.57		0.090		
NICKEL	211		32.6		36.1		163		32.5		460		
POTASSIUM	1180		1700		1330		2480		720		1210		
SELENIUM	3.5		0.85		0.94		1.3		0.66	U	2.4		
SILVER	10.9		0.37	J	0.48	J	0.28	U	0.29	U	0.36	U.	
SODIUM	924		2490		2560		5850	J	1160		1620		
THALLIUM	1.5	J	1.2	U	1.2	U	2.6	J	1.1	U	1.4	U	
VANADIUM	16.8		23.0		19.3		17.4		22.0		28.1		
ZINC	775	J	3390	J	3970	J	10000	J	698	J	1460	J	
CYANIDE	0.40	J	0.060	UJ	0.060	UJ	0.050	UJ	0.050	UJ	0.070	UJ	

A

ş

Appendix A Target Compound List

•

,

1

·

1

ġ.

TARGET COMPOUND LIST

Volatile Target Compounds

Chloromethane	1,2-Dichloropropane
Bromomethane	cis-1,3-Dichloropropene
Vinyl Chlorde	Trichloroethene
Chloroethane	Dibromochloromethane
Methylene Chloride	1,1,2-Trichloroethane
Acetone	Benzene
Carbon Disulfide	trans-1,3-Dichloropropene
1,1-Dichloroethene	Bromoform
1,1-Dichloroethane	4-Methyl-2-pentanone
1,2-Dichloroehtene (total)	2-Hexanone
Chloroform	Tetrachloroethene
1,2-Dichloroethane	1,1,2,2-Tetrachloroethane
2-Butanone	Toluene
1,1,1-Trichloroethane	Chlorobenzene
Carbon Tetrachloride	Ethylbenzene
Vinyl Acetate	Styrene
Bromodichloromethane	Xylenes (total)

Base/Neutral Target Compounds

A

2,4-Dinitrotoluene
Diethylphthalate
N-Nitrosodiphenylamine
Hexachlorobenzene
Phenanthrene
4-Bromophenyl-phenylether
Anthracene
Di-n-Butylphthalate

•

1,2,4-Trichlorobenzene	Fluoranthene
Isophorone	Pyrene
Naphthalene	Butylbenzylphthalate
4-Chloroaniline	bis(2-Ethylhexyl)Phthalate
bis(2-chloroethoxy)Methane	Chrysene
Hexachlorocyclopentadiene	Benzo(a)Anthracene
2-Chloronaphthalene	3-3'-Dichlorobenzidene
2-Nitroaniline	Di-n-Octyl Phthalate
Acenaphthylene	Benzo(b)Fluoranthene
3-Nitroaniline	Benzo(k)Fluoranthene
Acenaphthene	Benzo(a)Pyrene
Dibenzofuran	Ideno(1,2,3-cd)Pyrene
Dimethyl Phthalate	Dibenz(a,h)Anthracene
2,6-Dinitrotoluene	Benzo(g,h,i)Perylene
Fluorene	1,2-Dichlorobenzene
4-Nitroaniline	1,3-Dichlorobenzene
4-Chlorophenyl-phenylether	1,4-Dichlorobenzene

Acid Target Compounds

à

Benzoic Acid	2,4,6-Trichlorophenol
Phenol	2,4,5-Trichlorophenoi
2-Chlorophenol	4-Chloro-3-methylphenol
2-Nitrophenol	2,4-Dinitrophenol
2-Methylphenol	2-Methyl-4,6-dinitrophenol
2,4-Dimethylphenol	Pentachlorophenol
4-Methylphenol	4-Nitrophenol
2,4-Dichlorophenol	

Pesticide/PCB Target Compounds

Endrin Ketone
Endosulfan Sulfate
Methoxychlor
alpha-Chlordane
gamma-Chlordane
Toxaphene
Aroclor-1016
Aroclor-1221
Aroclor-1232
Aroclor-1242
Aroclor-1248
Aroclor-1254
Aroclor-1260

Inorganic Target Compounds

4

Aluminum	Manganese	'n
Antimony	Mercury	
Arsenic	Nickel	
Barium	Potassium	
Beryllium	Selenium	
Cadmium	Silver	
Calcium	Sodium	
Chromium	Thallium	
Cobolt	Vanadium	
Copper	Zinc	
Iron	Cyanide	
Lead	Sulfide	i
Magnesium		

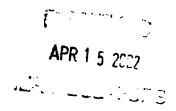
Appendix B Laboratory Analysis and Chain of Custody Forms

DATE:	April 10, 2002					
	IEPA 1021 North G P.O. Box 192 Springfield, II					
Attn:	Bob Casper					
SITE NAME:	Lead Smelter					
CASE NO.	LAB	NO. OF SAMPLES	SDG	MATRIX		
30310	Sentinel	6	ME00Q8	Soil		
below.	-	ch package for completeness an Data Management Coordinator	-	ssing deliverables		
Data Received by:		Date:				
PROBLEMS:						
Please indicate if data is complete, and note if there are any deliverables missing from the cases noted above.						
Received by Data Management Coordinator, CRL for file. Date:						
Signature:						
FROM: U.S. EPA Region V						

Central Regional Laboratory 536 S. Clark, 10th Floor Chicago, IL 60605

Sent By: Eva M. Dixon, Sr. Data Specialist ESAT

-



Case Number : 30310 Site Name: Lead Smelter

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

NUMBER (##) MATRIX samples numbered ##, were collected on DATE. The lab received the samples on DATE in good condition. All samples were analyzed for metals and cyanide. All samples were analyzed using CLP SOW ILM04.1 analysis procedures.

Mercury analysis was performed using a Cold Vapor AA Technique. Cyanide analysis was performed using the MIDI Distillation procedure. The remaining inorganic analyses were performed using an Inductively Coupled Plasma-Atomic Emission Spectrometric procedure.

Assembled By:	ESAT	
Date: -	April 9, 2002	

APR 1 0 2002

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION V

DATE: <u>April 9, 2002</u>

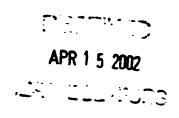
- SUBJECT: Review of Data Received for Review on <u>April 4, 2002</u>
 - FROM: Stephen L. Ostrodka, Chief (SMF-4J) Superfund Field Services Section

TO: Data User: _____IEPA

The data in this case has <u>not</u> been validated. We have compiled the CADRE files into a narrative format for the following case:

SITE NAME:	Lead Smelter					
CASE NUMBER:	30310	SDG NUMBER:ME0008				
Number and Type of	Samples:	6 soils				
Sample Numbers:	ME0008,9: ME00R0-3					
Laboratory:	Sentinel H	Ars. for Review:				
Following are our f	indings:					

IC: Cecilia Moore Region 5 TPC Mail Code: SM-5J



CRDL Standards Report

SDG NO: ME00Q8

DC-373: The following inorganic samples are associated with a CRDL standard with low percent recovery.

Selenium ME0008

- ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3 PBS02
- DC-374: The following inorganic samples are associated with a CRDL standard with high percent recovery. Hits and non-detects are flagged .

Arsenic ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2, ME00R3 PBS02

Lead ME00Q8

3 BLANKS:

Laboratory Blanks Report

SDG NO: ME00Q8

LABORATORY BLANKS CRITERIA

DC-283: The following inorganic samples are associated with a blank analyte with negative concentration whose absolute value is greater than the instrument detection limit (IDL). Professional judgement should be used to qualify the data.

> ME00Q8 Cyanide

ME0009

Magnesium, Cyanide

ME00R0 Magnesium, Cyanide

ME00R1 Cyanide

MEOOR1A Cyanide

ME00R1D Cyanide

MEOOR1S

Assembled By: <u>ESAT</u> Date: <u>April 9, 2002</u> Case Number : 30310 Site Name: Lead Smelter Page 3 of 7 SDG Number: ME00Q8 Laboratory: Sentinel

1. HOLDING TIME:

Holding Time Report

SDG NO: ME0008

╡┙┙┙╵╵╡┧╷╲╗╎╗┧╗╗╕┍╖╽┧╎┧┥┧╷┧┥┧╷╴╡╷╵╧╷╵╧╗╎╧╅╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╪╡<mark>╽╽╽┥┧┧┧┨┨┩┩</mark>┇<mark>┰</mark>┪╡╵╩┝╝┝╦╎╞╻┦┙

HOLDING TIME CRITERIA

Inorganic

	Holdı	ng Time	pH		
	Primary B		Primary	Expanded	
Metals	180	2	2.2	ε.ο	
Mercury	29	2	2.0	0.0	
Cyanide	14	2	12.0	C.C	

DC-280: The following inorganic soil samples were reviewed for holding time violations using criteria developed for water samples.

MECOGG, MECOGG, MECORO, MECORI, MECORID, MECORIS MECOF2, MECOR3

2. CALIBRATIONS:

Calibration Report

SDG NO: MEDIQE

CALIBRATION CRITERIA

Inorganic

Percent Recovery Limits

	Pris	ary	Expa:	nded
	Low	High	Low	High
Cyanide	85.00	115.00	nc.00	130.00
A.	90.00	112.30	75.00	125.00
ICP	90.00	113.30	75.20	125.22
Mercury	3 0.00	120.00	65 .00	135.00

No problems found for this qualification.

Assembled By:	ESAT	
Cate: _	April 9, 2002	

Case Number : 30310 Site Name: Lead Smelter Page 6 of 7 SDG Number: ME00Q8 Laboratory: Sentinel

DC-268: The following inorganic samples are associated with a matrix spike recovery which is low (30-74 %) indicating that sample results may be biased low. Hits are qualified "J" and non-detects are qualified "UJ". Antimony ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R1A, ME00R1D ME00R2, ME00R3 Cyanide

ME00Q8, ME00Q9; ME00R0, ME00R1, ME00R1A, ME00R1D ME00R2, ME00R3

LCS Report

SDG NO: ME00Q8

No problems found for this qualification.

5. LABORATORY AND FIELD DUPLICATE

Duplicates Report

SDG NO: ME00Q8

No problems found for this qualification.

6. ICP ANALYSIS

ICS Report

SDG NC: ME00Q8

DC-312: The following inorganic samples have elements other than Al, Ca, Fe, and Mg at concentrations higher than 10 ppm that may cause potential interference. Hits are flagged "J" and non-detects are qualified "UJ".

Lead

ME00Q8, ME00Q9, ME00R0, ME00R1, ME00R2

Sodium ME00R1

Zinc ME00Q9, ME00R0, ME00R1

Assembled By: <u>ESAT</u> Date: <u>April 9, 2002</u>

Case Number : 30310 SDG Number: ME00Q8 Site Name: Lead Smelter Laboratory: Sentinel Cyanide MECCR2 Magnesium, Cyanide MECOR3 Magnesium, Cyanide DC-284: The following inorganic samples are associated with a blank concentration which is greater than the instrument detection limit (IDL). The sample concentration is also greater than the IDL and less than five times the blank concentration. Hits are qualified "J"; non-detects are not flagged. Antimony MEDOQ9, MEOORO, MECORIA, MECOR2 . Cobalt MEBORIA Silver MECCQ9, MECORO, MECORID Thallium MEDORA, MECORI, MECORID ing inorganic samples, the reported as us- for cyanide. DC-338: Durin IDL/de. CH MECOCA, MECOC , MEGGRI, MEGGRIA, MEGORID -13 MECORIS, MEDON 4. MATRIX SPIKE/MATRIX SPIKE DUPLICATE AND LAB CONTROL SAMPLE: The state of the strength of the state of the strength of the 111111 1.1.1.1.1.1 Matrix Spike Report SDG NO: MEDOQE 1911、1911年1911年1911年19月1日,1911年19月1日日日日日日(1911年19月1日)(1911年19月1日))(1911年19月1日))(1911年19月1日))(1911年19月1日)) MATRIX SPIKE CRITERIA Inorganic -------Percent Recovery Limits Upper 125.0 -5.1 Lower 30.0 Extreme lower DC-167: The following inorganic samples are associated with a matrix spike recovery which is high >125% Hirs are qualified "J" and non-detects are not flagged. Copait MECC19, M. C19, MECCPI, MECCPIA, MECCPID MECCP2, M. C193 Assembled By: ESAT Date: ____April 9, 2002

Page 5 of 7

Qualifiers Data Qualifier Definitions

- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R

The data are unusable. (The compound may or may not be present)

Case Number : 30310 Site Name: Lead Smelter

Serial Dilution Report

SDG NO: MEGCQ8

DC-295: The following inorganic samples are associated with an ICP serial dilution percent difference which is not in criteria. The serial dilution result is greater than the sample result, indicating a potential negative interference. The data must be qualified using professional judgement. Hits are qualified "J", non-detects "UJ". Zinc ME00Q8, ME00Q9, ME0JR0, ME0CR1, ME0OR1D, ME0OR1S ME00R2, ME00R3

7. GFAA ANALYSIS

Furnace AA QC Report

SDG NO: MEDOQ9

╡╔┫╔╫╫╔╔╔┙┍╡╡╝╝╗╗┙┍╡╝╬╬╔╝╪╢┝╢╿╝╡╅╧╌╌╌╌╖┙╌╔╴╔╪╡╇╱╝╗╝╝┫<mark>┨╝┇┇╏╽┨┆╿┨╿┨╽┨╽</mark>┨┨┨┨┨╝╸╸╝╴╝╪╖╪╲╝╡┪╝╄╏┠┇

No problems found for this qualification.

8. SAMPLE RESULTS

All data, except those qualified above, are acceptable.

Sample Result Verification Report

SDG NO: MEDOGS

No proplems found for this qualification.

Assembled By: <u>ESAT</u> Date: <u>April 9, 2002</u> Case #: 30310 Site : Lab. : Reviewer : Date : SDG : ME00Q8 LEAD SMELTER SENTIN

Sample Number :	ME00R3		ME00R1D		ME00R1S			_		
Sampling Location :	X106		X104		X104					
Matrix :	Soil		Soil		Soil		i			
Units :	mg/Kg		mg/Kg		mg/Kg					
Date Sampled :	03/08/2002		03/08/2002		03/08/2002		1			
Time Sampled :	13:55		08:15		08:15					
%Solids :	60.9	:	77.7		79.6					
Dilution Factor:	1.0		1.0		1.0					
ANALYTE	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag
ALUMINUM	6940		7650							
ANTIMONY	1.0	UJ	6.9	J	89.0					
ARSENIC	11.6		15.0		24.0	[
BARIUM	150		217		750	ł				1
BERYLLIUM	0.92		0.64		12.9					
CADMIUM	9.0		1.8		12.6	l				
CALCIUM	37000		24900							
CHROMIUM	17.3		13.2		. 68.9					
COBALT	137	J	249	J	452					
COPPER	80.8		392		394					1
IRON	29500		51700							
LEAD	389		5630		5110					
MAGNESIUM	14500		7020							
MANGANESE	2030		700		1400		1.			
MERCURY	0.090		0.060	U	0.61					
NICKEL	460		230		` 259					
POTASSIUM	1210		1870							
SELENIUM	2.4		1.9		3.8					
SILVER	0.36	U	0.63	J	11.5					
SODIUM	1620		5960							
THALLIUM	1.4	U	1.8	J	14.1					
VANADIUM	28.1		19.5		137					
ZINC	1460	J	10900	J	13600	J				
CYANIDE	0.070	UJ	0.050	UJ	3.5					

SCLAIMER: This package has been electronically assessed as an added service to our customer. It has not been either validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user.

Region 5 assumes no responsibility for use of unvalidated data.

Analytical Results (Qualified Data)

SDG MEDOQ8 LEAD SMELTER

SENTIN

Page ____ of ____

Number of Soil Samples : 6

Number of Water Samples : 0

Date											
Sample Number	ME00Q8		ME0009		MEDORO		ME00R1		ME00R2		٦
Sampling Location	X101		X102		X 103		X104		X105		1
Matrix	Soil		Sol		Soil		Soil		Soil		
Units	mg/Kg										
Date Sampled	03/07/2002		03/07/2002		03/07/2002		03/08/2002		03/08/2002		
Time Sampled	10 37		14 50		14:50		08:15		11:55		
%Solids	71 1		727		72.6		796		75.7		
Dilution Factor	10		10		10		10		10		
ANALYTE	Result	Flag]								
ALUMINUM	4610		7970		6180		8050		6050	T	٦
ANTIMONY	55.0	J	49	J	5.3	J	8.8	L I	1.3	[J	ľ
ARSENIC	28 8		12.9		12.4		11.5		9.9		
BARRUM	250		359		349	1	317	l	110	l	I
BERYLLIUM	0 52	ł	0 84		0 68	ł	0.75	1	0.53	1	1
CADMIUM	306		16 0		16.2	l	1.1		17.4	l	I
CALCIUM	17700		15200		23500		32000		55900	1	
CHROMUM	10 5		13.4		9.9		13.4		10.7	1	I
COBALT	44 1	J	14 9	L I	706	L	225	L	33.8	J	1
COPPER	526	Į	70 8		99.1	l	321		58.6	Į	ł
IRON	30700		29400		28700	I	63100		16800		
LEAD	36700	L	6730	J	6550	L I	6680	J	2730	J	I
MAGNESIUM	2170		4700		4280	[8350		3720	1	
MANGANESE	1220		616		592	l	780		1100	ł	l
MERCURY	0 64		0.28		0.23		0 070		0.57	1	L
NICKEL	211		· 32.6		36.1		163		32.5	l .	
POTASSIUM	1180	I	1700		1330		2480		720		ł
SELENUM	3.5		0.85		0.94	l	1.3		0.66	U	I
SILVER	10 9	:	0 37	L	0 48	L	0.28	U	0.29	U	
SODIUM	924	ļ	2490		2560	(5850	L	1160	(I
THALLIUM	15	J	12	υ	1.2	U	2.6	L	1.1	U	
VANADIUM	16.8		23.0		19.3		17.4		22.0		ł
ZINC	775	L	3390	L	3970	L	10000	J	698	J .	
CYANDE	0 40	3	0.060	ω	0 060	w l	0 050	ω	0.050	ω	

DISCLAMER. This package has been electronically assessed as an added service to our customer. It has not been earlier validated or approved by Region 5 and any subsequent use by the data user is strictly at the risk of the data user

Region 5 assumes no responsibility for use of unvalidated data.

Case # 30310 See

Lab

Reviewer

30310 Case No: DAS No:

SDG No: MEØØQ8

USEPA Contract Laboratory Program -Inorganic Traffic Report

Date Shipped: Carrier Name: Airbill:			Date Received/Recei Lab Contract No(28)	ved by: <u>3/20/02_KF</u> W00085Unit Price:	180.00	Sampler (Signature):	Ann Date/Time: _	Received By:
Shipped to:	Sentinel Inc. 116 Washington S Huntsville AL 3580 (256) 534-9800	4	Transfer To: Date Received/Receiv Lab Contract No:	·		Relinquished By: Relinquished By: Relinquished By:	3/19 /5 Date / Time: Date / Time:	3C K Fi Shur Received By: Received By:
INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
· ME00Q8	Soil/Sediment/ Jerry Wilman	M/G	TM/CN (21)	5-143912 (ice Only) (1)	X101	3/7/02 10:37		· · · · · · · · · · · · · · · · · · ·
• ME00Q9	Soil/Sediment/ Jerry Wilman	M/G	TM/CN (21)	5-143913 (Ice Only) (1)	X102	3/7/02 14:50		
• ME00R0	Soil/Sediment/ Jerry Wilman	M/G	TM/CN (21)	5-143914 (Ice Only) (1)	X103	3/7/02 14:50		
' ME00R1	Soil/Sediment/ Jerry Wilman	L/G	TM/CN (21)	5-143915 (Ice Only) (1)	X104	3/8/02 8:15		
• ME00R2	Soil/Sediment/ Jerry Wilman	L/G	TM/CN (21)	5-143916 (Ice Only) (1)	X105	3/8/02 11:55		
· ME00R3	Soil/Sediment/ Jerry Wilman	L/G	TM/CN (21)	5-143917 (Ice Only) (1)	X106	3/8/02 13:55		

•

•

	Complete?y	Sample(s) to be used for laboratory QC: ME00R1	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: ーー・パーン	Chain of Custody Seal Number: 8730つ			
ш	Analysis Key:	Concentration: L = Low, M = Low/Medium, H = H	G	Custody Seal Intact?				
	TM/CN = CLP TAL To							
	PR provides preliminary results. Requests for preliminary resuls will increase analytical costs.							

Send Copy to: Contract Laboratory Analytical Services Support 10 Edmund Halley Dr., Reston, VA. 20191-3436 Ph 703/264-9348 Fax 703/264-9222 TR N nber: 5-324306854-031902-0001

APR 04 2002

•

	COVER PAGE - INORGANIC	ANALYSES DATA PACKA	GE
Lab Name: Sentin	el, Inc.	Contract: 68-W-00-0	85
Lab Code: SENTIN	Case No.: 30310	SAS No.:	SDG No.: ME00Q8
SOW No.: ILM04.	1		
E 	PA SAMPLE NO. ME00Q8 ME00Q9 ME00R0 ME00R1 ME00R1D ME00R1S ME00R2 ME00R3	Lab Sample ID. 43504S 43505S 43506S 43507S 43507S2 43507MS 43508S 43509S	
•			
·	· · · · · · · · · · · · · · · · · · ·		
Were ICP backgrou If yes-were application	ement corrections applie and corrections applied? raw data generated befo of background correctio	re	Yes/No YES Yes/No YES Yes/No NO
Comments:			
		······································	
conditions of the other than the co in this hardcopy on diskette has h	his data package is in c contract, both technic onditions detailed above data package and in the been authorized by the L cover package fittle:	ally and for complet . Release of the da computer-readable d aboratory Manager or ollowing signature.	eness, for ta contained lata submitted

U.S. EPA - CLP 1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Code: SENTIN Case No.: 30310 SAS No.:

71.1

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

SDG No.: ME00Q8

Lab Sample ID: 43504S

Date Received: 03/20/02

Matrix (soil/water): SOIL

Level (low/med): LOW

***** Solids:

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No. Analyte Concentration C Q M	
7429-90-5 Aluminum 4610 - P	
7440-36-0 Antimony 55.0 N P	
7440-38-2 Arsenic 28.8 * P	
7440-39-3 Barium 250 + P	
7440-41-7 Beryllium 0.52 B P	
7440-43-9 Cadmium 30.6 P	
7440-70-2 Calcium 17700 * P	
7440-47-3 Chromium 10.5 P	
7440-48-4 Cobalt 44.1 N P	
7440-50-8 Copper 526 P	
7439-89-6 Iron 30700 P	
7439-92-1 Lead 36700 P	
7439-95-4 Magnesium 2170 P	
7439-96-5 Manganese 1220 P	
7439-97-6 Mercury 0.64 CV	
7440-02-0 Nickel 211 * P	
7440-09-7 Potassium 1180 B P	
7782-49-2 Selenium 3.5 P	
7440-22-4 Silver 10.9 P	
7440-23-5 Sodium 924 B P	
7440-28-0 Thallium 1.5 B P	
7440-62-2 Vanadium 16.8 P	
7440-66-6 Zinc 775 E P	
Cyanide 0.40 B N CA	
Color Before: BROWN Clarity Before: Texture:	MEDIUM
Color After: YELLOW Clarity After: Artifacts:	
lomments:	
	3

ME00Q8

INORGANIC ANALYSIS DATA SHEET

ab Name: Sentinel, Inc.

ab Code: SENTIN Case No.: 30310 SAS No.:

atrix (soil/water): SOIL

72.7

evel (low/med): LOW

Solids:

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

.

				-			• •	
	CAS No.	Analyte	Concentration	с	Q	м		
	7429-90-5	Aluminum	7970	-		$- \overline{\mathbf{P}} $		
	7440-36-0	Antimony	4.9	в	N	P	•	
	7440-38-2	Arsenic	12.9	1	*	P		
	7440-39-3	Barium	359		*	P		
	7440-41-7	Beryllium	0.84	в		P		
	7440-43-9	Cadmium	16.0			P		
	7440-70-2	Calcium	15200		*	P		
	7440-47-3	Chromium	13.4			P		
÷ 1 ∳	7440-48-4	Cobalt	14.9		N	P		
	7440-50-8	Copper	70.8			P		
	7439-89-6	Iron	29400			P		
	7439-92-1	Lead	6730			P		
	7439-95-4	Magnesium	4700	{		P		
	7439-96-5	Manganese	616			P		
	7439-97-6	Mercury	0.28			CV		
	7440-02-0	Nickel	32.6		*	P		
	7440-09-7	Potassium	1700			P		
ŗ	7782-49-2	Selenium	0.85	в		P		
é. J	7440-22-4	Silver	0.37			P		
	7440-23-5	Sodium	2490			P		
	7440-23-5	Thallium	1.2	U		P		
(1) (1)	7440-62-2	Vanadium	23.0			P		
	7440-62-2	Zinc	3390		Е	P		
	7440-00-0	Cyanide	0.06	U	Ň	CA		
or Before:	BROWN	Clarit	y Before:			Tex	ture:	MEDIUN
or After:	YELLOW	Clarit	y After:			Art	ifacts	:
·			-					
nments:							·	
·····								<u> </u>
	······							
<u></u>			;;;;;;;;;					 . \.
								4
		FC	RM I - IN				I	LM04.1

U.S. EPA - CLP 1

EPA SAMPLE NO.

SDG No.: ME00Q8

Lab Sample ID: 43505S

Date Received: 03/20/02

ME00Q9

Contract: 68-W-00-085

U.S. EPA - CLP 1

EPA SAMPLE NO.

MEOORO

INORGANIC ANALYSIS DATA SHEET

ab Code: SENTIN Case No.: 30310 SAS No.:

-

ab Name: Sentinel, Inc.

Contract: 68-W-00-085

SDG No.: ME00Q8

Lab Sample ID: 43506S

----r

Date Received: 03/20/02

atrix (soil/water): SOIL

evel (low/med): LOW

72.6 Solids:

Ť

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

	CAS No.	Analyte	Concentration	с	Q	M		
	7429-90-5	Aluminum	6180			P .		
	7440-36-0	Antimony	5.3	В	N	P		
	7440-38-2	Arsenic	12.4		*	P		
	7440-39-3	Barium	349	ļ	*	P		
	7440-41-7	Beryllium	0.68	B		P		
	7440-43-9	Cadmium	16.2			P		
	7440-70-2	Calcium	23500		*	P		
	7440-47-3	Chromium	9.9			P		
	7440-48-4	Cobalt	70.6		N	P		
	7440-50-8	Copper	99.1			P		
	7439-89-6	Iron	28700		i	P		
	7439-92-1	Lead	6550			P		
		Magnesium	4280			Р		
	7439-96-5	Manganese		1		Р		
	7439-97-6		0.23			CV		
	7440-02-0		36.1		*	P		
	7440-09-7	Potassium		В		Р		
	7782-49-2	Selenium	0.94	В		P		
	7440-22-4		0.48	В		P		
	7440-23-5		2560			Р		
	7440-28-0		1.2	U		Р		
	7440-62-2	Vanadium	19.3			P		
	7440-66-6	Zinc	3970		E	P		
		Cyanide	0.06	U	N	CA		
olor Before:	BROWN	Clarit	y Before:	-		Text:	ure:	MEDIUM
olor After:	YELLOW	Clarit	y After:			Arti	facts:	
omments:								
					·			
								5

ILM04.1

INORGANIC ANALYSIS DATA SHEET

U.S. EPA - CLP 1

Lab Name: Sentinel, Inc.

Lab Code: SENTIN Case No.: 30310

79.6

Matrix (soil/water): SOIL

÷____

Level (low/med): LOW

% Solids:

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

	CAS No.	Analyte	Concentration	с	Q	м		
Ŵ	7429-90-5 7440-36-0 7440-38-2 7440-39-3	Aluminum Antimony Arsenic Barium	8050 8.8 11.5 317 0.75	B	N * *	P P P P P		
	7440-41-7 7440-43-9 7440-70-2 7440-47-3 7440-48-4 7440-50-8 7439-89-6	Beryllium Cadmium Calcium Chromium Cobalt Copper Iron	0.75 1.1 32000 13.4 225 321 63100	B B	* N	₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽ ₽		
	7439-92-17439-95-47439-96-57439-97-67440-02-07440-09-77782-49-27440-22-47440-23-57440-28-07440-62-27440-66-6	Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc Cyanide	6680 8350 780 0.07 163 2480 1.3	B U U	* E N	P P P P P P P P P P P P P P P C A		
Color Before:	BROWN	Clarit	y Before:			Tex	ture:	MEDIUM
Color After:	YELLOW	Clarit	y After:			Art	ifacts:	
Comments:	<u> </u>							
	·, , , , , , ,		······································					 lo
		FC	RM I - IN				II	LM04.1

Contract: 68-W-00-085

SAS No.:

ME00R1

EPA SAMPLE NO.

SDG No.: ME00Q8

Lab Sample ID: 43507S

Date Received: 03/20/02

U.S. EPA - CLP 1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Code: SENTIN Case No.: 30310 SAS No.:

75.7

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

SDG No.: ME00Q8

Lab Sample ID: 43508S

Date Received: 03/20/02

Matrix (soil/water): SOIL

T

Level (low/med): LOW

solids:

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

	CAS No.	Analyte	Concentration	С	Q	M		
				_		.		
	7429-90-5	Aluminum	6050			P		
	7440-36-0	Antimony	1.3	В	-	P		•
	7440-38-2	Arsenic	9.9	Į	*	P		
	7440-39-3	Barium	110		*	P		
		Beryllium	0.53	B		P		
	7440-43-9	Cadmium	17.4		1	P		
	7440-70-2		55900		*	P		
	7440-47-3		10.7			P		
	7440-48-4	Cobalt	33.8		N	P		
	7440-50-8	Copper	58.6			P		
	-	Iron	16800			P		
	7439-92-1	Lead	2730			P		
	7439-95-4	Magnesium	3720			P		
	7439-96-5	Manganese	1100			P		
	7439-97-6	Mercury	0.57			CV		
	7440-02-0	Nickel	32.5		*	P		
	7440-09-7	Potassium	720	B		P		
	7782-49-2	Selenium	0.66	U		P		
	7440-22-4	Silver	0.29	U		P		
	7440-23-5		1160	В		Ρ		
	7440-28-0	Thallium	1.1	U		P		
	7440-62-2	Vanadium	22.0			P		
	7440-66-6	Zinc	698		Е	P		
		Cyanide	0.05	U	N	CA		
olor Before:	BROWN	Clarit	y Before:	-		Tex	ture:	MEDIUM
'olor After:	YELLOW	Clarit	y After:			Art	ifacts	:
'omments:								
					······		- <u></u>	
								7
								•

ME00R2

U.S. EPA - CLP 1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Lab Sample ID: 43509S

Date Received: 03/20/02

Matrix (soil/water): SOIL

Level (low/med): LOW

% Solids: 60.9

Concentration Units (ug/L or mg/Kg dry weight): MG/KG

CAS No. Analyte Concentration C Q M 7429-90-5 Aluminum 6940 U N P 7440-36-0 Antimony 1.0 U N P 7440-38-2 Arsenic 11.6 * P 7440-38-2 Arsenic 150 * P 7440-41-7 Beryllium 0.92 B P 7440-43-9 Cadnium 9.0 * P 7440-47-3 Chromium 17.3 N P 7440-48-4 Cobalt 137 N P 7440-450-8 Copper 80.8 P 7439-92-1 Lead 389 P 7439-92-1 Magnesium 14500 P 7440-02-0 Wickel 460 * P 7440-22-4 Silver 0.36 P P 7440-22-5 Sodium 1620 B P 7440-23-5 Sodium 1620 B P 7440-23-5 Sodium 1620 B								-	
7440-36-0 Antimony 1.0 U N P 7440-38-2 Arsenic 11.6 * P 7440-38-2 Barium 150 * P 7440-39-3 Barium 0.92 B P 7440-41-7 Beryllium 0.92 B P 7440-43-9 Cadmium 9.0 * P 7440-47-3 Chromium 17.3 P P 7440-47-3 Chromium 17.3 P P 7440-48-4 Cobalt 137 N P 7439-89-6 Iron 29500 P P 7439-92-1 Lead 389 P P 7439-92-1 Lead 389 P P 7439-97-6 Magnesium 14500 P P 7440-02-0 Nickel 460 * P 7440-02-0 Nickel 460 * P 7440-23-5 Sodium 1620 B P 7440-23-5 Sodium 1620 B		CAS No.	Analyte	Concentration	С	Q	м		
7440-38-2 Arsenic 11.6 * P 7440-39-3 Barium 150 * P 7440-43-9 Cadmium 9.0 * P 7440-43-9 Cadmium 9.0 * P 7440-43-9 Calcium 37000 * P 7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-89-6 Iron 29500 P 7439-92-1 Lead 389 P 7439-92-4 Magnesium 14500 P 7439-95-6 Manganese 2030 P 7440-02-0 Nickel 460 * P 7440-02-7 Potassium 1210 B P 7440-22-4 \$ilver 0.36 U P 7440-22-5 Sodium 1620 B P 7440-22-4 \$ilver 0.36 U P 7440-22-5 Sodium 1620 E<		7429-90-5	Aluminum	6940	-				
7440-39-3 Barium 150 * P 7440-41-7 Beryllium 0.92 B P 7440-43-9 Cadmium 9.0 * P 7440-47-3 Chromium 17.3 P 7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7439-92-1 Lead 389 P P 7439-95-4 Magnesium 14500 P P 7440-02-0 Wickel 460 * P 7440-02-0 Nickel 460 * P 7440-22-4 Silver 0.36 P P 7440-23-5 Sodium 1620 B P 7440-23-5 Thallium 1.4 U P 7440-66-		7440-36-0	Antimony	1.0	U	N	P		
7440-41-7 Beryllium 0.92 B P 7440-43-9 Cadmium 9.0 P 7440-47-3 Chromium 37000 * P 7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-96-5 Marganese 2030 P 7440-02-0 Nickel 460 * P 7440-02-1 Pickel 460 * P 7440-22-4 Silver 0.36 P P 7440-22-5 Sodium 1620 P P 7440-22-0 Thallium 1.4 P <td></td> <td>7440-38-2</td> <td>Arsenic</td> <td>11.6</td> <td></td> <td>*</td> <td>P</td> <td></td> <td></td>		7440-38-2	Arsenic	11.6		*	P		
7440-41-7 Beryllium 0.92 B P 7440-43-9 Cadmium 9.0 P 7440-47-3 Chromium 37000 * P 7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-96-5 Marganese 2030 P 7440-02-0 Nickel 460 * P 7440-02-1 Potassium 1210 B P 7440-22-5 Sodium 1620 B P 7440-22-0 Thallium 1.4 U	_	7440-39-3	Barium	150		*	P		
7440-43-9 Cadmium 9.0 * P 7440-70-2 Calcium 37000 * P 7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7440-48-4 Cobalt 137 N P 7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-95-5 Magnese 2030 P 7440-02-0 Nickel 460 * 7440-02-7 Potassium 1210 B P 7440-22-4 Selenium 2.4 P P 7440-22-4 Silver 0.36 U P 7440-22-5 Sodium 1620 B P 7440-22-0 Thallium 1.4 U P 7440-22-2 Vanadium 28.1 P P 7440-66-6 Zinc 1460 E </td <td></td> <td>7440-41-7</td> <td>Beryllium</td> <td>0.92</td> <td>в</td> <td></td> <td>P</td> <td></td> <td></td>		7440-41-7	Beryllium	0.92	в		P		
7440-70-2 Calcium 37000 * P 7440-47-3 Chromium 17.3 N P 7440-60-8 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-89-6 Iron 29500 P 7439-95-4 Magnesium 14500 P 7439-95-5 Manganese 2030 P 7440-02-0 Nickel 460 * P 7440-02-0 Nickel 460 * P 7440-22-4 Selenium 2.4 P P 7440-22-4 Silver 0.36 U P 7440-23-5 Sodium 1620 B P 7440-23-5 Sodium 1620 B P 7440-66-6 Zinc 1460 E P Color Before: BROWN		7440-43-9					P		
7440-47-3 Chromium 17.3 P 7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-89-6 Iron 29500 P 7439-92-1 Lead 389 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-95-5 Manganese 2030 P 7440-02-0 Nickel 460 * 7440-02-0 Nickel 460 * 7440-22-0 Selenium 2.4 P 7440-22-4 Silver 0.36 P 7440-23-5 Sodium 1620 B P 7440-23-5 Sodium 1620 B P 7440-62-2 Vanadium 28.1 P P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After:		7440-70-2	Calcium			*	P		
7440-48-4 Cobalt 137 N P 7440-50-8 Copper 80.8 P 7439-89-6 Iron 29500 P 7439-92-1 Lead 389 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-97-5 Manganese 2030 P 7440-02-0 Nickel 460 * P 7440-02-0 Nickel 460 * P 7440-22-4 Selenium 2.4 P P 7440-23-5 Sodium 1620 P P 7440-22-4 Silver 0.36 P P 7440-22-5 Sodium 1620 P P 7440-22-2 Vanadium 28.1 P P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarit			Chromium						
7440-50-8 Copper 80.8 P 7439-89-6 Iron 29500 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-95-4 Magnesium 14500 P 7439-95-6 Marcury 0.09 B CV 7439-97-6 Mercury 0.09 B CV 7440-02-0 Nickel 460 * P 7440-02-1 Selenium 2.4 P P 7440-22-4 Silver 0.36 P P 7440-22-5 Sodium 1620 B P 7440-23-5 Sodium 1.4 U P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:						N			
7439-89-6 Iron 29500 P 7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-95-4 Magnesium 14500 P 7439-95-4 Magnesium 14500 P 7439-95-5 Manganese 2030 P 7439-97-6 Mercury 0.09 B CV 7440-02-0 Nickel 460 * P 7440-02-1 Selenium 2.4 P P 7440-22-4 Silver 0.36 P P 7440-23-5 Sodium 1620 B P 7440-28-0 Thallium 1.4 P P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
7439-92-1 Lead 389 P 7439-95-4 Magnesium 14500 P 7439-96-5 Manganese 2030 P 7439-97-6 Mercury 0.09 B CV 7440-02-0 Nickel 460 * P 7440-02-0 Nickel 460 * P 7440-02-1 Selenium 2.4 P 7440-22-4 Silver 0.36 U P 7440-23-5 Sodium 1620 B P 7440-28-0 Thallium 1.4 U P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
7439-95-4 Magnesium 14500 P 7439-96-5 Manganese 2030 P 7439-97-6 Mercury 0.09 B CV 7440-02-0 Nickel 460 * P 7440-09-7 Potassium 1210 B P 7440-22-4 Silver 0.36 U P 7440-22-4 Silver 0.36 U P 7440-23-5 Sodium 1620 B P 7440-28-0 Thallium 1.4 U P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
7439-96-5 Manganese 2030 P P 7439-97-6 Mercury 0.09 B CV 7440-02-0 Nickel 460 * P 7440-09-7 Potassium 1210 B P 7782-49-2 Selenium 2.4 P 7440-22-4 Silver 0.36 U P 7440-23-5 Sodium 1620 B P 7440-23-5 Sodium 1.4 U P 7440-62-2 Vanadium 28.1 P 7440-66-6 Zinc 1460 E P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:		4							
$\begin{array}{c c c c c c c c c c c c c c c c c c c $									
7440-02-0 7440-09-7Nickel460 Potassium*P782-49-2 782-49-2Selenium2.4P7782-49-2 7440-22-4Selenium2.4P7440-23-5 7440-28-0 7440-62-2Sodium1620BP7440-62-2 7440-66-6Thallium1.4UP7440-66-6 CyanideZinc1460EPColor Before:BROWNClarity Before:Texture:MEDIUColor After:YELLOWClarity After:Artifacts:									
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					₽	.			
Image: New Sector of After:Sector of After:Sector of After:Sector of After:PP7782-49-2Sector of After:Sector of After:<						~			
Image: Market Medical Color After:YellowSilver Sodium0.36U 1620P P P P 1620P <td></td> <td>7440-09-7</td> <td></td> <td></td> <td>в</td> <td></td> <td></td> <td></td> <td></td>		7440-09-7			в				
7440-23-5 7440-28-0Sodium Thallium1620 1.4 		7/82-49-2							
7440-28-0 Thallium 1.4 U P 7440-62-2 Vanadium 28.1 P 7440-66-6 Zinc 1460 E P Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
7440-62-2 Vanadium 28.1 P 7440-66-6 Zinc 1460 E P Cyanide 0.07 N CA Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
7440-66-6 Zinc 1460 E P Cyanide 0.07 U N CA Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:					U				
Cyanide 0.07 U N CA Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:									
Color Before: BROWN Clarity Before: Texture: MEDIU Color After: YELLOW Clarity After: Artifacts:		7440-66-6					- I - F		
Color After: YELLOW Clarity After: Artifacts:			Cyanide	0.07	U	N	CA		
Color After: YELLOW Clarity After: Artifacts:					· ł		ا <u>ـــــ</u> ا ـــ		
	Color Belore:	BROWN	Clarit	ty Betore:			Tex	cure:	MEDIUN
Comments:	Color After:	YELLOW	Clarit	y After:			Art	ifacts:	
	Comments:								
		······································							
								<u>_</u>	
									8

ILM04.1

ME00R3

3

BLANKS

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

		_								_
Analyte	Initial Calib. Blank (ug/L)	c	Contin 1		ing Calibration lank (ug/L) 2 C	3	с	Prepa- ration Blank C	M	
Aluminum	78.1	ប	78.1	U	78.1 U	78.1	ਹ	15.620 U	P	·
Antimony	3.1	-	3.1	U	3.1 U	3.1	Ū	0.721 B	P	4
Arsen: 2	2.6	_	2.6	U	2.6 U	2.6	Ū	0.602 B	P	
Barium	0.6		0.8	B	0.4 U	0.4	Ū	0.080 U	P	
Beryllium	0.2		0.2	U	0.2 U	0.2	U	0.040 U	P	
Cadmium	0.4	U	0.4	U	0.4 U		U	0.080 U	P	
Calcium	226.6	U	226.6	U	226.6 U	226.6	U	45.320 U	P	
Chromium	1.0	ש'	1.0	U	1.0 U	1.0	U	0.417 B	P	
Cobalt	1.3	U	1.3	U	1.3 U	1.3	U	0.435 B	P	
Copper	1.2	U	1.2	U	1.2 U	-1.5	B	0.589 B	P	
Iron	12.2	U	25.1	B	12.2 U	12.2	U	4.705 B	P	
Lead	1.9	U	1.9	U	6.4	1.9	U	0.380 U	P	
Magnesium	-23.6	В	45.3	В	-30.3 B	22.1	U	4.420 U	P	
Manganese	0.4	U	0.4	U	0.4 U	0.4	U	0.080 U	P	1
Mercury	0.1	U	0.1	U	0.1 U	0.1	U	0.050 U	CV	
Nickel	2.6	U	2.6	U	2.6 U	2.6	U	0.520 U	P	
Potassium	39.1	U	39.1	U	39.1 U	39.1	U	7.820 U	P	
Selenium	2.5	U	2.5	U	2.5 U	2.5	U	0.500 U	P	
Silver	1.1	U	1.1	U	1.1 U	1.1	U	0.455 B	P	
Sodium	400.2	U	400.2	U	400.2 U	400.2	U	80.040 U	P	
Thallium	4.3	U		В	4.3 U	4.6	В	0.860 U	P	
Vanadium		U		U	1.5 U	1.5	U	0.369 B	P	}
Zinc	3.2	U	3.2		3.2 U	3.2	U	0.640 U	P	
Cyanide	0.8	U	-2.4	В	-2.6 B	2.1	B	-0.086 B	CA	ĺ
	·	_		_		·	_			

3

BLANKS

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L) C		nuing Cal Blank (u C 2		3 C	Prepa- ration Blank C M	1
Aluminum Ariimony Arienic Barium Beryllium Cadmium Cobalt oper Iron Lead Magnesium Manganese Mercury Nickel Potassium Thallium Vanadium	1.3 U 1.9 U	1.3		1.3 U 1.9 U			RRR RR RR RR R R R R R R R R R R R R R

15

5A

EPA SAMPLE NO.

ME00R1S

SPIKE SAMPLE RECOVERY

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

SDG No.: ME00Q8

Level (low/med): LOW

Solids for Sample: 79.6

4atrix (soil/water): SOIL

ab Code: SENTIN Case No.: 30310 SAS No.:

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Sample C Result (SR)	с	Spike Added (SA)	\$R	Q	м
Aluminum							-	NR
Antimony	75-125	89.0496	8.8359	в	125.63	63.8	N	Р
Arsenic	75-125	23.9532	11.4883		10.05	124.0		Ρ
Barium	75-125	750.4752	316.9554		502.51	86.3		P
Beryllium	75-125	12.8523	0.7460	В	12.56	96.4		P
Cadmium	75-125	12.5790	1.1266	В	12.56	91.2		P
Calcium				'		1		NR
Chromium	75-125	68.9004	13.3921		50.25	110.5		P
Cobalt	75-125	452.2814	224.5793	[125.63	181.2	N	P
Copper		394.3631	320.5945	1	62.81	117.4		P
Iron						1		NR
Lead		5105.1490	6680.6746	1	5.03	-31322.6		P
Magnesium								NR
Manganese		1400.2987	780.4027		125.63	493.4		P
Mercury	75-125	0.6137	0.0678	B	0.63	86.7		CV
Nickel	75-125	259.3946	162.7888		125.63	76.9		P
Potassium								NR
Selenium	75-125	3.8222	1.2965		2.51	100.6		P
Silver	75-125	11.5416	0.2764	U	12.56	91.9		Ρ
Sodium								NR
Thallium	75-125	14.0865	2.6011		12.56	91.4		Ρ
Vanadium	75-125	136.6832	17.4416		125.63	94.9		Ρ
Zinc		13562.0466	10012.0574		125.63	2825.7		P
Cyanide	75-125	3.5284	0.0503	U	6.28	56.2	N	CA

`omments:

4 11M04.1

5B

EPA SAMPLE NO.

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Matrix (soil/water): SOIL

Lab Name: Sentinel, Inc. Contract: 68-W-00-085

.

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) (Sample C Result (SR)	С	Spike Added (SA)	%R	Q	м
Aluminum Artimony Alenic Barium Beryllium Cadmium	· ·	154.71	35.17	в	120.0	99.6		NR P NR NR NR NR
Calcium Chromium Cobalt pper iron Lead		2612.50	893.83		1787.7	96.1		NR P NR NR NR
Magnesium Manganese Mercury Nickel Potassium Selenium		·						NR NR NR NR NR NR
Surver Sodium Thallium Vanadium Zinc Cyanide		7.66 B	0.80	υ	20.0	38.3		NR NR NR NR CA

Comments:

FORM V (Part 2) - IN

ME00R1A

6

EPA SAMPLE NO.

DUPLICATES

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Level (low/med): LOW

% Solids for Duplicate: 77.7

Matrix (soil/water): SOIL

\$ Solids for Sample: 79.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	с	Duplicate (D)	с	RPD	Q	м	
Aluminum		8048.8247		7652.0878		5.1	-	P	
Antimony		8.8359	в	6.9251		24.2		P	Ļ
Arsenic	2.5	11.4883		14.9830	1	26.4	*	P	l.
Barium	50.3	316.9554		216.7952		37.5	*	P	
Beryllium		0.7460	B	0.6418	B	15.0		P	
Cadmium	1.3	1.1266		1.7572		43.7		P	
Calcium		32037.1201		24851.9924		25.3	*	P	
Chromium		13.3921		13.1855		1.6		P	
Cobalt		224.5793		249.0967		10.4		P	
Copper		320.5945		391.7682		20.0		P	
Iron		63093.9776	I.	51719.7588		19.8		P	
Lead		6680.6746		5632.5671		17.0		P	
Magnesium		8354.3980		7016.9080		17.4		P	
Manganese		780.4027		699.6131		10.9		P	1
Mercury		0.0678	B	0.0628	U	200.0		CV	
Nickel		162.7888		230.1723		34.3	*	P	
Potassium	1256.3	2483.7206		1870.2310		28.2		P	
Selenium	1.3	1.2965		1.9256		39.0		P	
Silver		0.2764	U	0.6294	В	200.0		P	
Sodium	1256.3	5852.0387		5961.0519		1.8		P	ł
Thallium	2.5	2.6011		1.7958	В	36.6		P	
Vanadium	12.6	17.4416		19.4743		11.0		P	
Zinc		10012.0574		10858.8735		8.1		P	
Cyanide		0.0503	U	0.0503	U			CA	

ME00R1D

9

EPA SAMPLE NO.

ICP SERIAL DILUTIONS

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

Matrix (soil/water): SOIL

Concentration Units: ug/L

1 1	Τ	T	Serial	- T	8	<u> </u>	[]
	Initial Sample		Dilution		Differ-		
Analyte	Result (I)	c	Result (S)	c	ence	0	м
		Ŭ		Ĭ	Cinec	×	
Aluminum	32034.32		34563.11		7.9		P
Antimony	35.17	в	41.17	в	17.1	1	P
Arsenic	45.72		68.12		49.0	1	P
Barium	1261.48		1320.78		4.7	1	P
Beryllium		в	3.58	B	20.5		P
Cadmium	1 1	B	4.29		4.2		P
Calcium	127507.74		139563.18	-	9.5		P
Chromium	53.30		57.78		8.4		P
Cobalt	893.83		965.01		8.0		P
Copper	1275.97		1329.93		4.2		P
Iron	251114.03		270536.26		7.7		P
Lead	26589.08		28967.06		8.9		P
Magnesium	33250.50		35552.03		6.9	1	P
Manganese	3106.00		3324.65		7.0		P
Mercury							NR
Nickel	647.90		· 700.34		8.1		P
Potassium	9885.21		10611.00	в	7.3	1	P
Selenium	5.16		12.50		100.0	1	P
Silver	1.10	U	5.50	U			P
Sodium	23291.11		25399.15		9.1		P
Thallium	10.35	1	40.93	в	295.5		P
Vanadium	69.42			в	5.0		P
Zinc	39847.99		46643.74		17.1	E	P

ILM04.1

MEOOR1L

Level (low/med): LOW

10 INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN	Case No.: 30310	SAS No.:	SDG No.: ME00Q8
ICP ID Number:	P3	Date: 01/15/02	2

Flame AA ID Number:

Furnace AA ID Number:

Analyte	Wave- length (nm)	Back- ground	CRDL (ug/L)	IDL (ug/L)	M
Aluminum	308.20		200	78.1	₽
Antimony	206.80		60	3.1	P
Arsenic	189.00		10	2.6	P
Barium	493.40		200	0.4	P
Beryllium	313.00		5	0.2	P
Cadmium	226.50		5	0.4	P
Calcium	317.90		5000	226.6	P
Chromium	267.70		10	1.0	P
Cobalt	228.60		50	1.3	P
Copper	324.70	-	25	1.2	P
Iron	271.40		100	12.2	P
Lead	220.30		3	1.9	P
Magnesium	279.00		5000	22.1	P
Manganese	257.60		15	0.4	P
Mercury			0.2		NR
Nickel	231.60		40	2.6	P
Potassium	766.40		5000	39.1	P
Selenium	196.00		5	2.5	P
Silver	328.00		10	1.1	P
Sodium	330.20		5000	400.2	P
Thallium	190.80		10	4.3	-
Vanadium	292.40		50	1.5	P
Zinc	206.20		20	3.2	P
Cyanide			10		NR

Comments:

P3: THERMO JARRELL ASH

.

U.S. EPA - CLP

10 INSTRUMENT DETECTION LIMITS (QUARTERLY)

I Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTIN Case No.: 30310 SAS No.: SDG No.: ME00Q8

ICP ID Number:

Date: 01/15/02

- Flame AA ID Number: C5

Furnace AA ID Number:

	and the second		the second s	a construction of the local data and the local data	
Analyte	Wave- length (nm)	Back- ground	CRDL (ug/L)	IDL (ug/L)	м
Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc Cyanide	253.70		$\begin{array}{c} 200\\ 60\\ 10\\ 200\\ 5\\ 5\\ 5000\\ 10\\ 25\\ 100\\ 25\\ 100\\ 3\\ 5000\\ 15\\ 0.2\\ 40\\ 5000\\ 15\\ 0.2\\ 40\\ 5000\\ 10\\ 5000\\ 10\\ 50\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 1$	0.1	NR NR NR NR NR NR NR NR NR NR NR NR NR N

Comments:

C5: CETAC M6000

ILM04.1

10 INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTINCase No.: 30310SAS No.:SDG No.: ME00Q8

ICP ID Number:

Date: 01/15/02

Flame AA ID Number: C1

•

Furnace AA ID Number:

Analyte Aluminum	Wave- length (nm)	Back- ground	CRDL (ug/L) 200	IDL (ug/L)	M NR
Antimony			60		NR
Arsenic			10	1	NR
Barium			200		NR
Beryllium			5		NR
Cadmium			5		NR
Calcium			5000		NR
Chromium			10		NR
Cobalt			50)	NR
Copper			25		NR
Iron			100		NR
Lead			3		NR
Magnesium			5000		NR
Manganese			15		NR
Mercury			0.2		NR
Nickel			40		NR
Potassium			5000		NR
Selenium			5		NR
Silver			10		NR
Sodium			5000		NR
Thallium Vanadium			10		NR
			50		NR
Zinc			20	0.0	NR
Cyanide	580.00		10	0.8	LA

Comments:

C1: LACHAT

- -

U.S. EPA - CLP

13 PREPARATION LOG

Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTINCase No.: 30310SAS No.:SDG No.: ME00Q8

Method: P

EPA	Preparation	Weight	Volume
Sample No.	Date	(gram)	(mL)
LCSS	03/21/02	1.00	200
ME00Q8	03/21/02	1.00	200
ME0009	03/21/02	1.00	200
MEOORO	03/21/02	1.00	200
ME00R1	03/21/02	1.00	200
MEOOR1D	03/21/02	1.00	200
ME00R1S	03/21/02	1.00	200
ME00R2	03/21/02	1.00	200
ME00R3	03/21/02	1.00	200
PBS	03/21/02	1.00	200
	······································		
·			
			<u></u>]
			·····
]		
			······
·		· · ·	
· · · · ·			
· · · · · · · · · · · · · · · · · · ·			
	·		·
	l	/	

13 PREPARATION LOG

Lab Name: Sentinel, Inc.

Contract: 68-W-00-085

Lab Code: SENTINCase No.: 30310SAS No.:SDG No.: ME00Q8

Method: CV

			T
EPA	Preparation	Weight	Volume
Sample No.	Date	(gram)	(mL)
LCSS	03/21/02	0.20	100
ME00Q8	03/21/02	0.20	100
ME00Q9	03/21/02	0.20	100
MEOORO	03/21/02	0.20	100
ME00R1	03/21/02	0.20	100
ME00R1D	03/21/02	0.20	100
ME00R1S	03/21/02	0.20	. 100
ME00R2	03/21/02	0.20	100
ME00R3	03/21/02	0.20	100
PBS	03/21/02	0.20	100
1			
			i
			· · · ·
·		······································	
·			
·····			

13 PREPARATION LOG

Name: Sentinel, Inc.

Contract: 68-W-00-085

•

Lab Code: SENTINCase No.: 30310SAS No.:SDG No.: ME00Q8

Method: CA

EPA	Preparation	Weight	Volume
Sample No.	Date	(gram)	(mL)
LCSS	03/21/02	1.00	
ME00Q8	03/21/02	1.00	50
ME00Q9 ME00R0	03/21/02 03/21/02	1.00 1.00	50 50
MEOORI	03/21/02	1.00	50
ME00R1D	03/21/02	1.00	50
ME00R1S ME00R2	03/21/02 03/21/02	1.00	50 50
MEOOR2 MEOOR3	03/21/02	1.00	50
PBS	03/21/02	1.00	50
S100	03/21/02		50
			[
			[

Appendix C Illinois EPA Sample Photographs

•

No Photos Available At This Time