44984 Yukon Inc.

2015 GEOCHEMICAL REPORT ON THE KATE PROJECT

YMEP# 15-074

Located in the Dawson Mining District
NTS 115O 10/11/14/15
63°48' N Latitude; 138°58' W Longitude

-Prepared for-

44984 Yukon Inc.

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1.0 SUMMARY

The Kate property is an early stage lode mineral exploration project located in a mature placer gold development-production region of the Klondike, Yukon Territory. The Project consists of 383 Quartz Claims totaling 7,525 hectares that lies approximately 50 kilometres South of Dawson City, YT within the Dawson Mining District. The property is owned 100% by Tara Christie and exploration program are conducted by 44984 Yukon Inc.

The Klondike District is well known for its mineral endowment, particularly within the prolific placer creeks in the area, and has been prospected, explored and exploited by individuals and companies since the late 1800's. As such, there exist 30 proximal and germane MINFILE occurrences in and around the Kate Project, the bulk of which are described as Vein-Au-Quartz. Interestingly, there are only a few drilled prospects in the District, however many of the more advanced targets have been actively explored in recent years (since 2010) including the King Solomon Dome, Lonestar, and Rosebute gold exploration properties. This recent exploration of the 2010's has consisted primarily of extensive geochemical soil sampling, staged geophysical surveys (airborne and ground-based), and more limited diamond drilling, reverse circulation drilling and bulldozer trenching. No drilled prospects or MINFILE occurrences exist within the Kate Claim Block.

The quartz mineral claims that constitute the Kate Property were acquired by staking by Tara Christie from 2010 through 2015 and were staked to cover under-explored areas in the Klondike that were interpreted to have the potential to host precious metals mineralization given the prevalence of placer gold in the surrounding (downstream) drainages. Additionally, publicly available geophysical and geologic information from neighboring mineral exploration work (including MINFILE reports, and more recent work by Klondike Star, J. Christie and B. Kreft) identified the area as prospective. The resultant Kate Claim Block forms an unusual overall outline due to the prevalence of historic quartz claim blocks in the area (i.e. on Hunker Dome and Gold Run Creek) combined with the fact land acquisition via staking was complicated by coeval staking from other parties.

During the summer of 2015, 44984 Yukon Inc. conducted a focused regional mineral exploration YMEP supported exploration program on the Kate property. The mineral exploration programs were undertaken in two phases totalling 66 days and under the direct supervision of the author. Phase I ran from July 10 – July 19 and Phase II from August 28 - September 6, both of which consisted of ridge and spur reconnaissance-type geochemical soils surveys combined with prospecting and geologic mapping, in addtion Phase II included targeted magnetic surveys. The primary focus of the exploration program was soils geochemistry (via complete XRF and threshold chemical analyses) and based on the anomalous As-in-soil results of the Phase I reconnaissance survey, detailed geochemical surveys and total magnetic intensity geophysical surveys were carried out over targeted areas during the Phase II program.

The XRF instrumentation utilized during the program proved to be a reliable tool towards identification of geochemically anomalies and resulted in the identification of five (5) high priority anomalous zones: Mack South, Mack North, Ridge Road, Sulphur Creek, and LNX.

Based on the anomalous As-in-soil results of the Phase I reconnaissance survey, follow-up detailed geochemical surveys and total magnetic intensity (TMI) geophysical surveys were subsequently undertaken. The culminating efforts of the geochemical surveys have resulted in the identification of five (5) distinct geochemically anomalous zones: Mack South, Mack North, Ridge Road, Friday Gulch, and LNX. The TMI surveys cover a very small area in the Mack South and Mack North Zones.

In total, 951 soil samples were collected and analyzed by XRF instrumentation during the 2015 exploration program. Of these 951 soils collected and XRF analyzed, 103 were selected for chemical analyses by ICP and Fire Assay for gold. The soil samples selected for chemical assay were based upon threshold As and related Au pathfinder elemental XRF Results and general location (proximity to anomalously reported XRF results); analysis of the chemical assay vs. XRF assay proved a strong correlation and have bolstered the

usage of XRF Instrumentation with all go-forward mineral exploration on the Kate Claim Block. In addition, 46 rocks collected during the property reconnaissance sampling were selected for chemical analysis.

The 2015 Kate Project mineral exploration program was successful in the delineation of several soil geochemical anomalies +/- related magnetic anomalies which are potentially related to mineralized structures within the Project bounds.

Continued, targeted follow-up exploration work by systematic soils and rock sampling programs involving access construction, extended and in-fill soil sample grids, power auger sampling and focused trenching is warranted. Detailed analysis of downslope transport directions should be a priority for any trenching and soil profile programs. Based on results from such programs, diamond drilling targeting source of mineralization may be considered.

Sustained mineral exploration across the Property is encouraged as there is high potential to discover additional mineralized zones and structures.

2.0 INTRODUCTION

During the summer of 2015, 44984 Yukon Inc. Gold Corp (“44984 Yukon Inc.”) conducted a focused regional YMEP supported exploration program on the Kate Property.

These 2015 exploration initiatives represented the first ever Property-wide, systematic mineral exploration activities every undertaken on the Kate Project and were designed to examine baseline soil geochemical responses to XRF and Chemical analyses across the project. Project objectives were accomplished by ridge and spur reconnaissance-type geochemical soils surveys combined with prospecting and geologic mapping. The main focus of the exploration program was soils geochemistry (via complete XRF and threshold chemical analyses) and based on the anomalous As-in-soil results of the Phase I reconnaissance survey, detailed geochemical surveys and total magnetic intensity geophysical surveys were carried out over targeted areas during the Phase II program.

In total, 951 soils were collected and analyzed by XRF instrumentation, of these samples 103 were selected for chemical analyses by ICP and Fire Assay for gold based on a selection criteria o threshold As and related Au pathfinder elemental XRF Results and general location (proximity to anomalously reported XRF results); Review of chemical analysis vs. XRF assay proved a strong correlation and have bolstered the usage of XRF Instrumentation with all go-forward mineral exploration on the Kate Claim. Five (5) high priority anomalous zones: Mack South, Mack North, Ridge Road, Sulphur Creek, and LNX were identified from the 2015 exploration programs.

The Kate Project’s mineral exploration potential, has begun to be tested by the last season’s initial property reconnaissance and property wide soil/rock sampling programs. As (+/- Au) in soils have proven to be reliable indictors of potentially mineralized corridors and establishing vectors thereon. Results to date merit detailed follow-up exploration including powered soils auger sampling, extension and infill soil sampling grids, extended geophysical surveys, detailed rock sampling and mapping; and, if warranted, access construction and targeted trenching of the Mack Zone. Additionally, continued regional soils collection is recommended to advance the determination of potentially mineralized structures within the Property Bounds. The litholigies and structures within the Kate Project area permissive of gold +/- silver (and possibly base metals) mineralization and more exploration work to define this potential is warranted in any following mineral exploration programs.

Assessment work for this program was filed on Grouping HD03487 in September and October 2015, applying $30,000 of the total of $48,000 work program to assessment work credits and extending the mineral claims all to expiry dates in 2018 or later. As there were numerous claim expiry dates within the grouping, some claims were common dated. The full value of this program was not used for assessment work purposes and only work eligible for assessment work has been included in the work filings. This report represents the final Assessment Report required to backup these applied costs as well as to satisfy 2015 YMEP and Yukon Mineral Assessment reporting requirements.

3.0 PROPERTY DESCRIPTION AND LOCATION

The Kate property consists of 383 Quartz Claims totaling approximately 7,525 hectares (as detailed in Figures 1 -5, Table 1 and Appendix C) lies approximately 50 kilometres South of Dawson City, YT within the Dawson Mining District (Figures 1 - 5). The property is centred at 63°48' N Latitude; 138°58' W Longitude near King Solomon Dome and Indian River. The Project area is covered by NTS map sheets NTS 115O 10/11/14/15.

The office of the Yukon Mining Recorder lists Tara Christie as owner of 100% of all claims, and Ms. Christie's Company, 44984 Yukon Inc., operates the mineral exploration activities thereon.

The location of quartz claims in the Yukon is determined by the position of initial and final posts on the ground along a straight location line not exceeding 1,500 feet. None of these claims have been surveyed. The quartz claims confer rights to mineral tenure, whereas surface rights are held by the Yukon Territory.

Figure 1: Yukon Location Map

Table 1: Kate Project – Quartz Claims Summary List

Grant Number	Tenure Type	Claim Name	Claim Number	Owner Name	Recorded Date	Expiry Date
YD93189-92	Quartz	Eye	1-4	Tara Christie - 100%	10/29/2010	10/28/2015
YD93159-80	Quartz	Eye	7-28	Tara Christie - 100%	10/21/2010	10/20/2015
YD93160	Quartz	Eye	8	Tara Christie - 100%	10/21/2010	10/20/2015
YD93181-87	Quartz	Eye	30-37	Tara Christie - 100%	10/29/2010	10/28/2015
YD93153-58	Quartz	Eye	39-44	Tara Christie - 100%	10/29/2010	10/28/2015
YD93195	Quartz	Eye	51	Tara Christie - 100%	10/29/2010	10/28/2015
YD62611-98	Quartz	LNX	1-78	Tara Christie - 100%	6/18/2010	12/15/2015
YD12101-02	Quartz	LNX	79-80	Tara Christie - 100%	10/8/2010	10/7/2016
YD93297-99	Quartz	LNX	81-83	Tara Christie - 100%	10/8/2010	10/7/2016
YD93101-110	Quartz	LNX	84-93	Tara Christie - 100%	10/8/2010	10/7/2016
YD12174-87	Quartz	SB	1-14	Tara Christie - 100%	10/8/2010	10/7/2016
YD12188-91	Quartz	SB	16-19	Tara Christie - 100%	10/8/2010	10/7/2016
YD12192-99	Quartz	SB	40-47	Tara Christie - 100%	10/8/2010	10/7/2016
YD93236-44	Quartz	SB	70-79	Tara Christie - 100%	10/8/2010	10/7/2016
YD93138-39	Quartz	SB	80-81	Tara Christie - 100%	10/8/2010	10/7/2016
YD12200	Quartz	SB	81	Tara Christie - 100%	10/8/2010	10/7/2016
YD93140-44	Quartz	SB	82-86	Tara Christie - 100%	10/8/2010	10/7/2016
YD93152	Quartz	SB	100	Tara Christie - 100%	10/29/2010	10/28/2015
YD93201-22	Quartz	SD	1-22	Tara Christie - 100%	10/8/2010	10/7/2015
YD93233-35	Quartz	SD	23-25	Tara Christie - 100%	10/8/2010	10/7/2015
YD93224-32	Quartz	SD	26-35	Tara Christie - 100%	10/8/2010	10/7/2016
YD93246	Quartz	SD	37	Tara Christie - 100%	10/8/2010	10/7/2015

YD93252-65	Quartz	SD	40-53	Tara Christie - 100%	10/8/2010	10/7/2015
YD93135-37	Quartz	SD	54-57	Tara Christie - 100%	10/8/2010	10/7/2015
YD93266-81	Quartz	SD	58-73	Tara Christie - 100%	10/8/2010	10/7/2015
YD93267	Quartz	SD	59	Tara Christie - 100%	10/8/2010	10/7/2015
YD93129-134	Quartz	SD	74-79	Tara Christie - 100%	10/29/2010	10/28/2015
YD93282-96	Quartz	SD	80-94	Tara Christie - 100%	10/8/2010	10/7/2015
YD93121-28	Quartz	SD	95-102	Tara Christie - 100%	10/29/2010	10/28/2015
YC98327-20	Quartz	SD	193-201	Tara Christie - 100%	10/29/2010	10/28/2016
YD12103-24	Quartz	WJK	1-22	Tara Christie - 100%	10/8/2010	10/7/2015
YD12161-71	Quartz	WJK	23-31	Tara Christie - 100%	10/8/2010	10/7/2016
YD12167	Quartz	WJK	32	Tara Christie - 100%	10/8/2010	10/7/2016
YD12173	Quartz	WJK	33	Tara Christie - 100%	10/8/2010	10/7/2016
YD12172	Quartz	WJK	34	Tara Christie - 100%	10/8/2010	10/7/2016
YD12166	Quartz	WJK	35	Tara Christie - 100%	10/8/2010	10/7/2016
YD93111-120	Quartz	WJK	36-45	Tara Christie - 100%	10/8/2010	10/7/2016
YC98311-13	Quartz	WJK	138-140	Tara Christie - 100%	10/29/2010	10/28/2016
YD93150-51	Quartz	WJK	141-142	Tara Christie - 100%	10/29/2010	10/28/2015
YD93301-2	Quartz	WJK	143-144	Tara Christie - 100%	10/29/2010	10/28/2015
YF47319-35	Quartz	K	1-17	Tara Christie - 100%	9/11/2015	9/11/2016

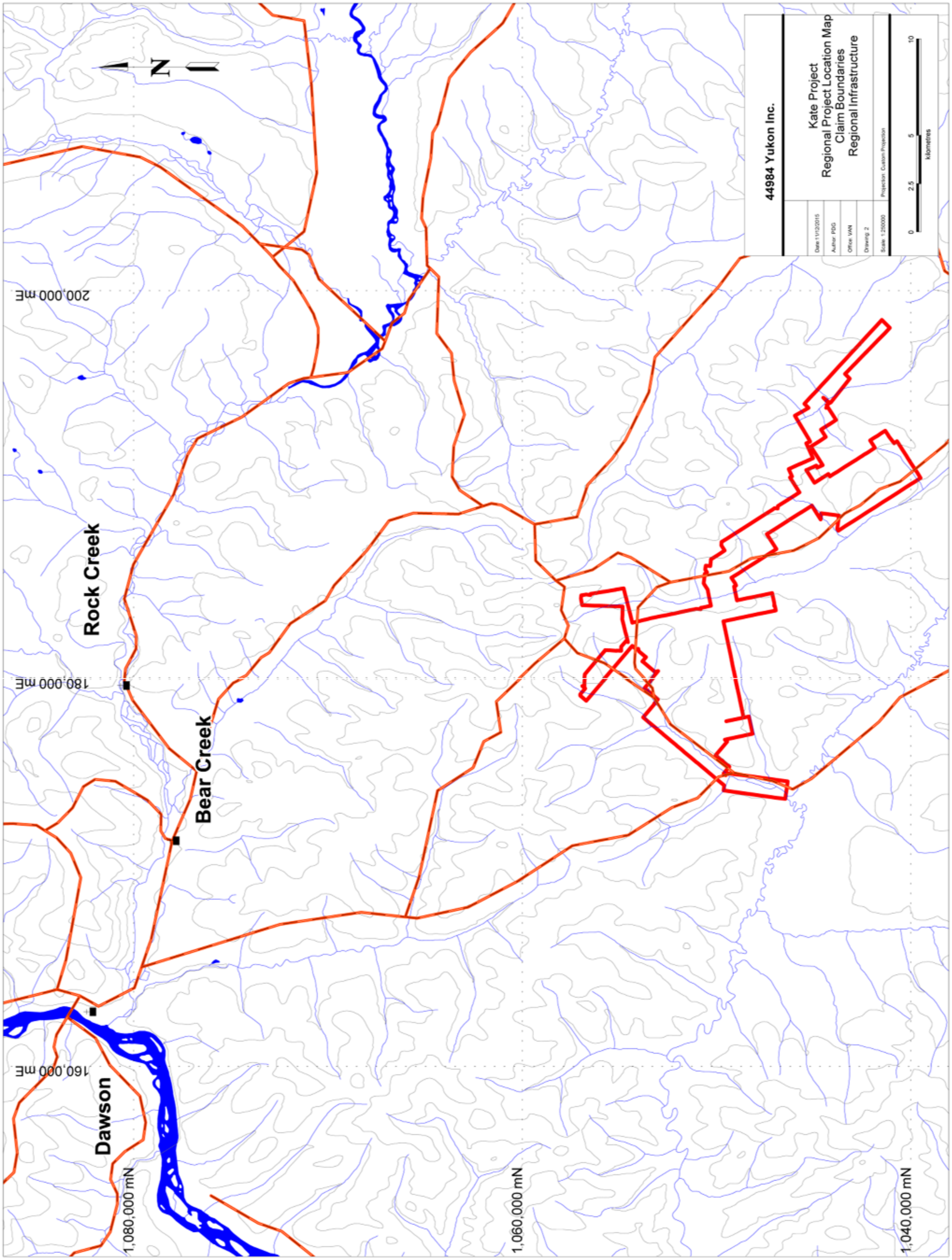


Figure 2: Kate Project Regional Location Map – Access and Claim Block Boundary

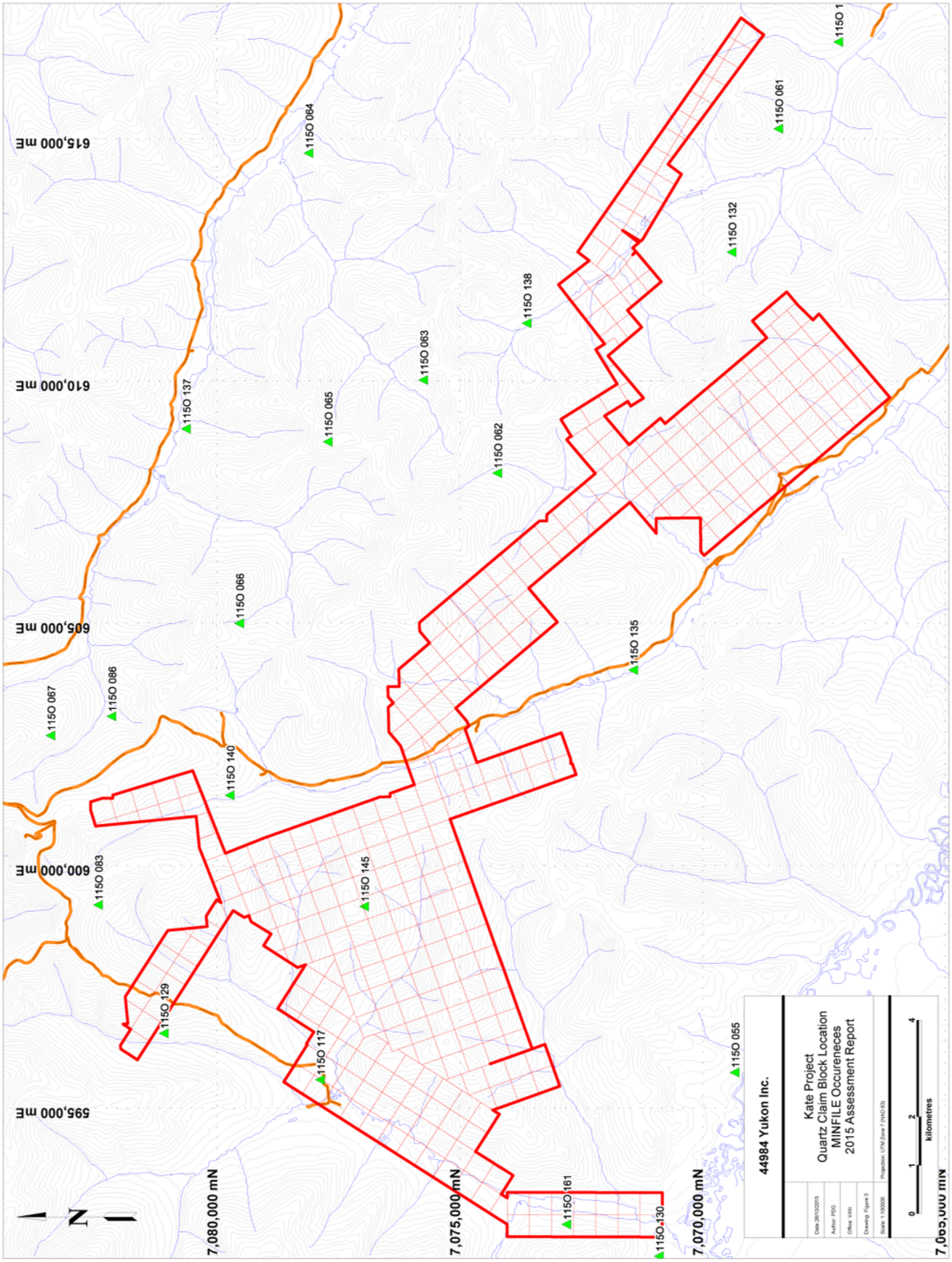


Figure 3: Kate Project Quartz Claim Map – MINFILE Occurrences

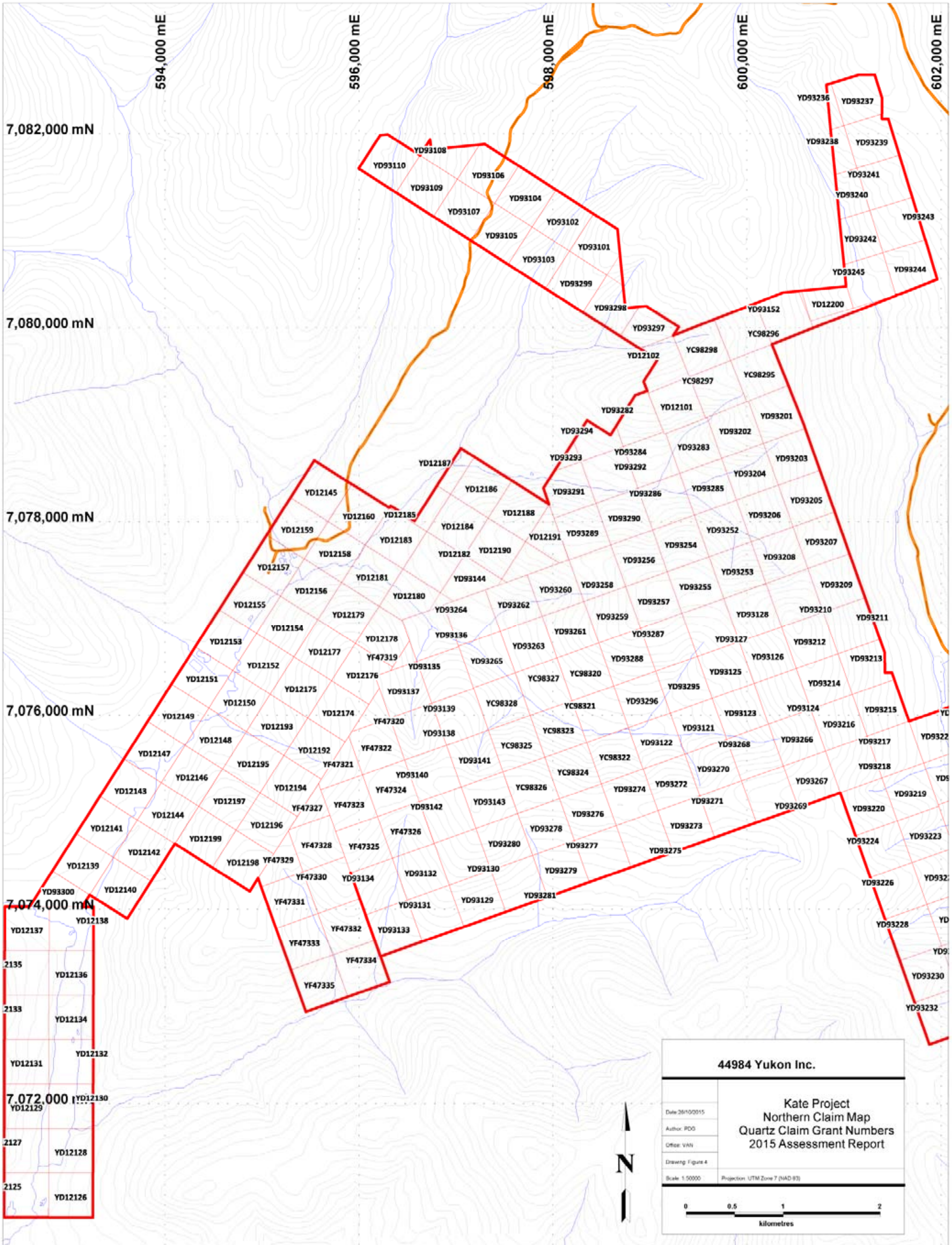


Figure 4: Tenure Map – North Sheet

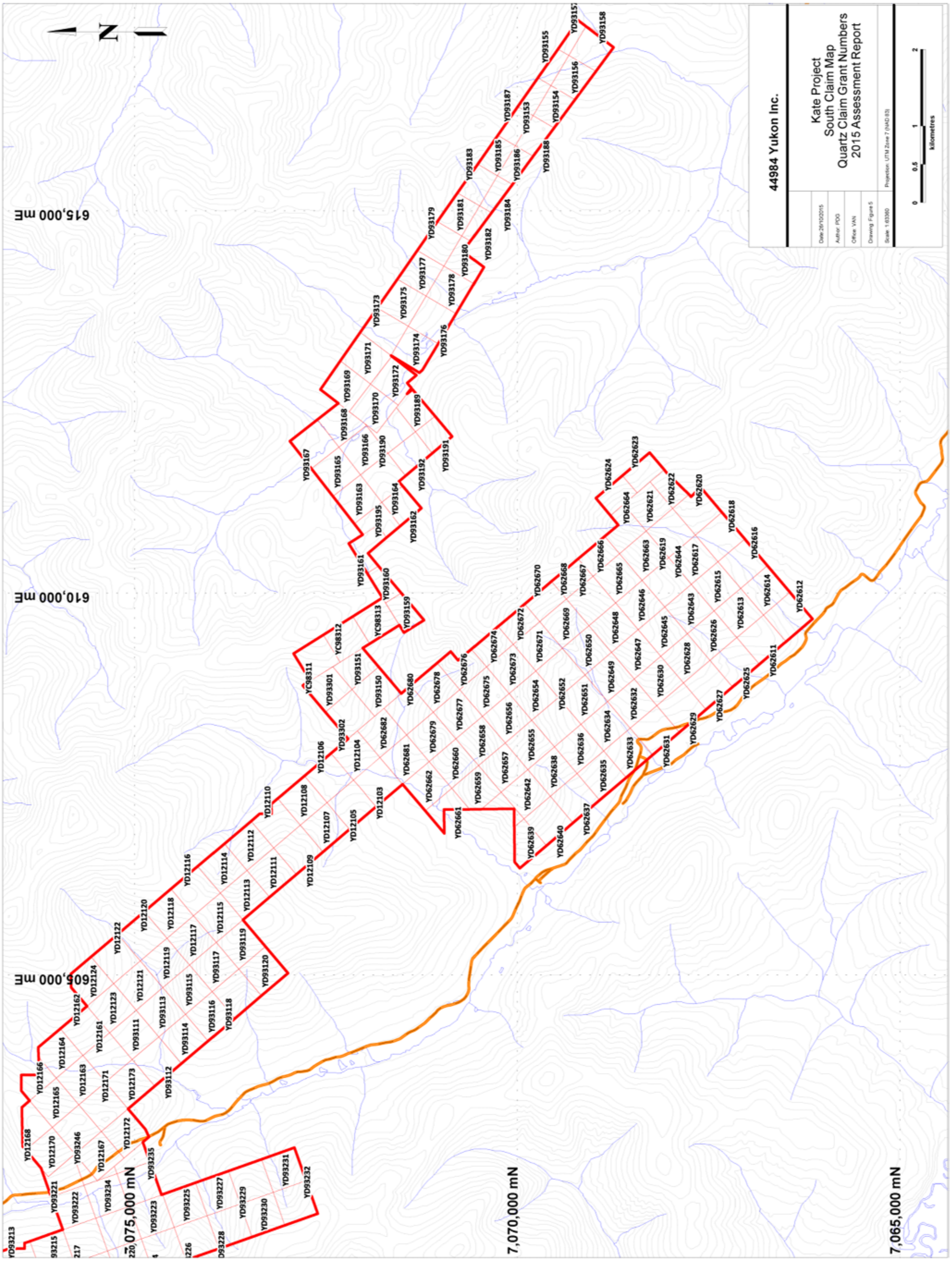


Figure 5: Tenure Map – South Sheet

4.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, PHYSIOGRAPHY

The Kate Project claims are easily accessed by the Bonanza and Hunker Roads, as well as portions of the Quartz and Sulphur Creek Roads (Figure 2) in the Klondike Gold Fields that lie approximately 50 km south of Dawson City, Yukon. Those claims that are immediately accessible via the well maintained network of existing roads are within a 1 hour drive from Dawson City. Dawson City itself is located approximately 500 km from Whitehorse, YT and is accessed via the well maintained, year-round paved, Klondike Highway. Bonanza and Hunker Creeks offer summer maintained graded gravel roads linking with Dawson City and the Klondike Highway, as well as the Dawson City airport; a full service airfield with regularly scheduled flights. Several smaller, gravel airstrips exist in the significant placer workings of the Eldorado and Indian River valley floors. Dawson City is the closest population centres and affords all facilities; hotels, restaurants, grocery/hardware stores, and fuel bunkers.

Several full service and fully supported exploration camps are located within the contemporary placer workings in the Indian River Drainage, and provide a more proximal, alternate to accommodations in Dawson City.

The Kate Property covers an area of modest to subtly rolling terrain, with elevations that range from approximately 450 metres ASL in the valley bottoms to 1,100 metres ASL on the ridgelines. In general, the area is covered by second growth spruce, poplar, birch and alder, with higher elevation ridges dominated by buckbrush (willow/birch).

The climate of the claim block, and region can be described as sub-arctic, with a low annual precipitation. The “summer”, or field workable portion of the season, begins in late May and lasts through mid-October annually. A few centimetres of snow fall is common in early October and can remain on the ground therefrom. Winter temperatures can fall to -40°C during the January through February period, however in the past decade winters in the region have ben milder than in previous years. Rainfall in summers is variable as some years can be excessively dry and others excessively wet. Water supplies are commonly available at valley bottoms,

5.0 HISTORY

The Kate project is comprised of 383 contiguous claims that were staked by Tara Christie from 2010 - 2015, and are 100% owned by Tara Christie. The claims were staked to cover under-explored areas in the Klondike that were interpreted to have the potential to host precious metals mineralization given the prevalence of placer gold in the surrounding (downstream) drainages. Additionally, publicly available geophysical and geologic information from neighboring mineral exploration work (including MINFILE reports, and more recent work by Klondike Star, J. Christie and B. Kreft) identified the area as prospective. The resultant Kate Claim Block forms an unusual overall outline due to the prevalence of historic quartz claim blocks in the area (i.e. on Hunker Dome and Gold Run Creek) combined with the fact land acquisition via staking was complicated by coeval staking from other parties.

The Klondike District is renowned for its mineral endowment, particularly within the prolific placer creeks in the area, and has been prospected, explored and exploited by individuals and companies since the late 1800's. As such, there exist 30 proximal and germane MINFILE occurrences listed in Table 1 and shown in Figure 3. The majority of these MINFILE occurrences are described as Vein-Au-Quartz and there are only a few drilled prospects. No drilled prospects or MINFILE occurrences exist within the Kate Claim Block.

There have been several periods of focused hardrock mineral exploration in the area since the late 1800's and specifically since 2010, there has been continuous grassroots to advanced exploration on much of the adjoining claim blocks owned by other parties, particularly those owned or under option by, Klondike Gold ("KG"), Kestrel Resources ("KES") (claims optioned from Bernie Kreft), Taku Gold Corp ("TG") and Pacific Ridge Resources ("PR") - claims optioned from Shawn Ryan, and the property optioned by Centerra Gold for the 2014 season.

In addition to the recent work by the exploration companies listed above, the Yukon Gold Project, led by the Mineral Deposit Research Unit ("MDRU") of the University of British Columbia joined with industry partners to undertake a large-scale study of the Region beginning in 2012. This study targeted the poorly understood geology of the west-central Yukon in relation to mineralization styles, particularly in the White Gold Area, where exploration successes by Underworld Resources on the White Gold Property and Kaminak Gold Corporation on their Coffee Project have led to a new understanding of the genesis of mineralization in this region of the Yukon.

The MDRU report is focused on new geological information that was garnered from the period of intense exploration from 2010 to 2012 and concentrated on the evolution of these recently discovered gold deposits. In summary of this study's findings, gold-bearing orogenic veins in the Klondike and White Gold Areas of west-central Yukon have been shown to be Jurassic in age (Figure 6 and Table 3) and host rock compositions are referenced as important controls on the metal associations. In the Klondike Schist, the mineralization is thought to be low grade VMS style with typical Au- AS-Pb+/- Cu-Zn signatures.

Table 2: *MINFILE occurrences near Kate Claim Block*

MINFILE number		Name	Description	Status	Main Commodity
115O	60	BURNHAM		Anomaly	
115O	61	PAYNE (AIME,KENTUCKY LODE)	Vein Au-Quartz	Prospect	
115O	92	GRANVILLE		Unknown	
115O	132	DEVINE (KENTUCKY LODE)	Vein Au-Quartz	Prospect	
115O	133	SULPHUR		Drilled Prospect	
115O	134	CARON	Vein Au-Quartz	Drilled Prospect	Gold Silver
115O	62	BRIMSTONE		Unknown	
115O	63	GOLD RUN		Prospect	
115O	64	PORTLAND	Vein Au-Quartz	Prospect	
115O	65	DOMINION (PATTERSON, QUEEN DOME)	Vein Au-Quartz	Showing	
115O	66	LLOYD	Vein Au-Quartz	Prospect	
115O	67	HUNKER DOME (DOME LODE)	Vein Au-Quartz	Prospect	
115O	68	MITCHELL	Vein Au-Quartz	Drilled Prospect	AG, Au, Cu, Pb, Zn
115O	83	GREENBACK		Anomaly	
115O	86	GOLDEN ROD		Unknown	
115O	117	BLANCE		Unknown	
115O	125	MELBA		Anomaly	
115O	129	SCHRAMM		Drilled Prospect	
115O	135	SULPHUR		Drilled Prospect	
115O	136	GATENBY		Drilled Prospect	
115O	137	DOM		Prospect	
115O	138	COWAN		Prospect	
115O	140	BRADY		Drilled Prospect	
115O	145	BLUE SKY		Unknown	

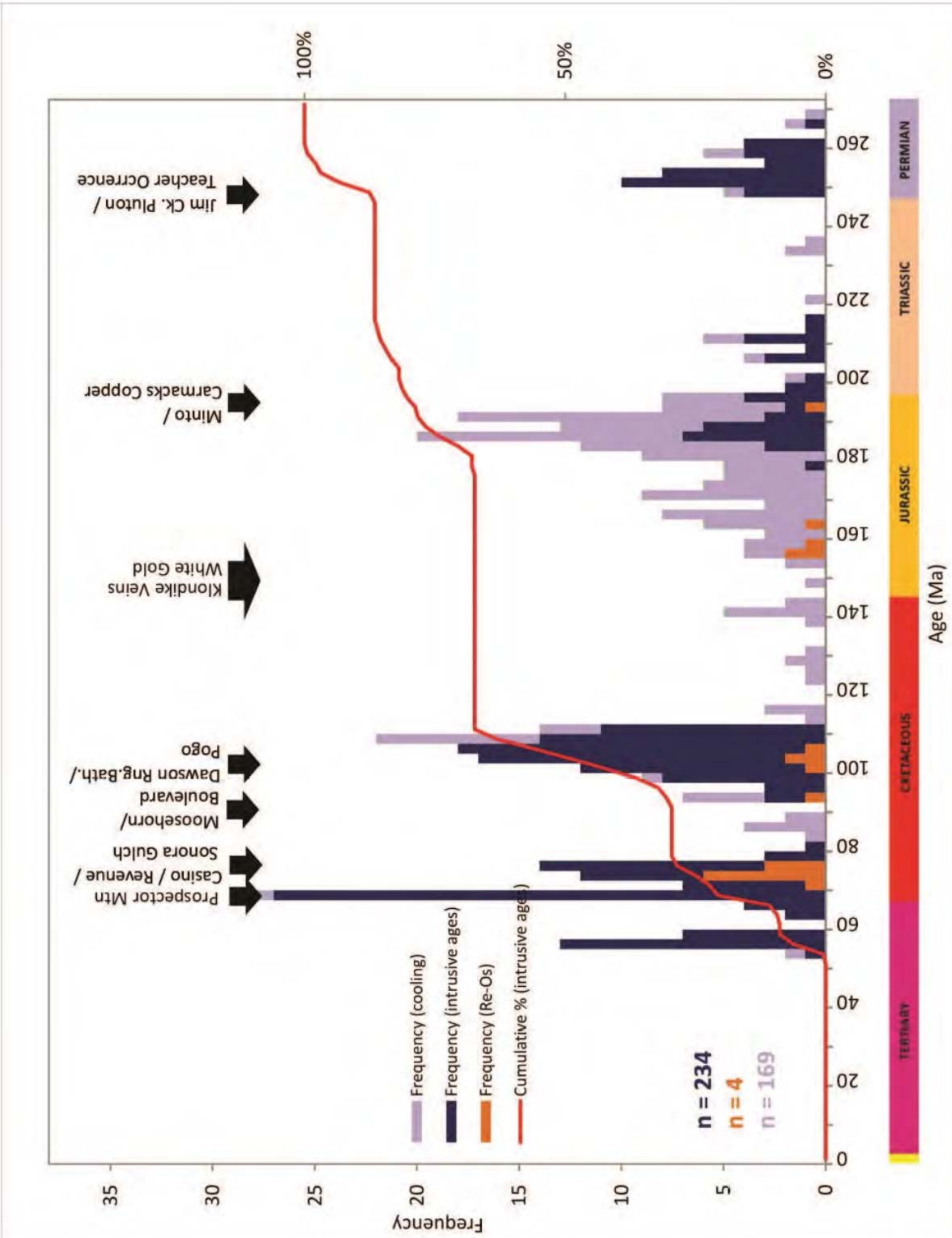


Figure 6: Distribution of age determinations for mineralization at White Gold and the Klondike, in reference to crystalline ages of post-metamorphic magmatic units in the Yukon Tanana Terrane. From Allan, et al., 2012.

Name	Structures	Strike	Dip	Host assemblage	Host Rock	Metals	Minerals	Gangue	Alteration	References
SIXTYMILE										
Layfield	veins	350-000N, 10-25N	subvertical	Nasina	quartzose metasediments	Au, As	pyrite, arsenopyrite, gold	quartz, ferroan carbonate	sericite, kaolinite	MDRU, unpublished
KEX	veins, fractures	~000N?	steep to W	Nasina	quartzose metasediments	Au, As, W, Zn	pyrite, arsenopyrite, scheelite, sphalerite, gold	quartz, ferroan carbonate	sericite, kaolinite, dickite	MDRU, unpublished
Miller	veins	?	?	Nasina	calcareous metasediments	Pb, Zn, Ag, W	galena, sphalerite, scheelite, gold	quartz, carbonate	silica	Yukon MINFILE 116C 019
KLONDIKE										
Lloyd		~120N	steep to NE	Klondike Schist	chloritic schist	Au	pyrite, gold	quartz	pyrite	Yukon MINFILE 115O 066
Mitchell / MacKay / Sheba / Dome Lode	veins	~000N	subvertical to moderate to W	Klondike Schist	choritic muscovite schist; locally pyritic	Au, As, Pb, Cu	pyrite, gold, tetrahedrite, galena	quartz, ferroan carbonate	pyrite	Yukon MINFILE 115O 066
Oro Fino	vein	~120N	steep to NE	Klondike Schist	quartz augen schist	Au, As, Pb, Zn, Cu	pyite, arsenopyrite, galena, gold	quartz, ferroan carbonate	pyrite	Yukon MINFILE 115O 128
Violet	veins	~090N	steep to N	Klondike Schist	quartz feldspar augen schist	Au, Cu, Pb, Ag	pyrite, galena, gold	quartz, barite	pyrite	Yukon MINFILE 115O 073
Virgin	veins	118-130N	50-70 NE	Klondike Schist	quartz-muscovite-(chlorite) schist	Au, Pb, Cu, Ag, Hg	pyrite, gold	ferroan carbonate	pyrite	Yukon MINFILE 116B 007
WHITE GOLD										
Golden Saddle	fault, breccia, vein, shears, stylolites	~065N	50-60 NE	Late Permian magmatic suite	felsic orthogneiss	Au, Ag, Mo	pyrite, molybdenite, AgTe, galena, gold	quartz, barite	K-feldspar, hematite, silica, illite, carbonate	Bailey, unpublished
Arc	shears, stylolite, veinlets, breccia	~080N	50-60NW	Nasina?	graphitic quartzite, micaceous metasediment	Au, As	pyrite, pyrrhotite, chalcopyrite, gold	graphite, silica	Silica	MacKenzie et al., 2010, Miner Deposita, 45, 683–705
McKinnon	fault, breccia, vein, shears	?	?	Late Permian magmatic suite	felsic orthogneiss	Au, Ag, Mo	pyrite, molybdenite, galena, gold	quartz	K-feldspar, hematite	MDRU, unpublished
Frenzy	veins, shears, breccia	?	steep	Mississippian magmatic suite, Nasina?	biotite gneiss, banded quartzite	Au, Ag, As	Pyrite, galena, gold	quartz, K-feldspar, carbonate	K-feldspar, carbonate	MDRU, unpublished
Sabotage	Breccia, shears	?	steep	Mississippian magmatic suite	biotite gneiss	Au, Mo	pyrite, molybdenite, gold	quartz	sericite, silica	MDRU, unpublished
Eureka	breccia	~000N	subvertical	Nasina	quartzite, semipelite	Au, Ag, As, Mo	pyrite, gold	quartz	clay	Yukon Mining Assessment Report 094203
Mariposa?	breccia, vein	~080N, NNW and NNE	?	?	various metamorphic rocks	Au, ?	pyrite, gold	quartz, K-feldspar	silica, K-feldspar, sericite	Pacific Ridge Exploration http://pacificridgeexploration.com

Table 3: *Documented characteristics of selected orogenic lode systems in the west-central Yukon. (Note: MINFILE 066 Lloyd is near the claim block). From Allan, et al., 2012.*

In the Klondike region, the Klondike Schist is noted to have regional variations in composition, with orogenic enrichment of the metals/elements of: Au, As, Pb, Cu, Hg, and Ag as highlighted in Table 3 above. The mineralization and alteration are pyritic, and ferroan, carbonate and quartz associations are common. Moreover, pyrite, arsenopyrite, galena, tetrahedrite, are predominantly associated with occurrences of gold mineralizationo. The mineralization in the Klondike is structurally controlled, and Allan et al. (2012) suggest that the reactive rock units, inclusive of the magnetite bearing mafic Klondike Schist, may control gold mineralization in the district via sulphidation.

Gold bearing vein orientations in the area are interpreted to trend along three main directions; North, 120° and 90°, indicating N-S, E-W and SE structures have been mineralized. Allan, et al. (2012) mapped portions of the interpreted fault structures inferred to be related to Jurassic orogenic gold mineralization from the White Gold and Klondike (shown overlain on a regional magnetic survey compilation) and their observations collaborated similar EW structures had not been found in the Klondike region.

6.0 REGIONAL GEOLOGY AND MINERALIZATION

Regional Geology

YUKON-TANANA TERRANE

The Bonanza-Eldorado-Hunker region is dominated by the Devonian-Mississippian Klondike Schist, member of the Yukon-Tanana Terrane, a macro-geological terrane which extends from east from Alaska to the southern Yukon and into British Columbia. The Yukon-Tanana Terrane include lithologies of continental affinity which are in turn overlain by volcanic arc assemblages; including back-arc and island arc formations (e.g: Colpron, 2001; Piercey et al., 1999; Murphy, 2004).

The Klondike Schist and its associated terrane members have been tectonically deformed over multiple periods and therefore are characterized by a range of metamorphic grades from lower greenschist to amphibolite facies on a Regional Scale (e.g., Mortensen et al., 1992; Roots et al., 2003). These polydeformed lithologies have been intruded by Mississippian to Permian aged granitoids (e.g., Nelson et al., 2000, Liverton et al., 2005). Mortensen et al. (1992) and D'El-Rey Silva et al. (2001) present detailed structural analyses that indicate the terrane is consistent with protracted deformation during a continuous east-northeast directed accretion and resultant crustal shortening (Liverton, 2011).

The Yukon-Tanana Terrane is preserved along this paleo-accretionary wedge in a series of fault-bounded fragments which extend from southern B.C. to Alaska (Nelson and Friedman, 2004; Dusel-Bacon et al., 2004) representing a remnant continental margin within which the later Paleozoic volcanic assemblages were emplaced. Nelson and Friedman (2004) postulate the Yukon-Tanana Terrane represents the basement for the Quesnellia Terrane which was, at that time, sutured to Yukon-Tanana.

Yukon-Tanana Structure

Within the Klondike and the Yukon-Tanana Terrane similar styles of deformation including F1 folding which has been rearranged from original bedding into alignment with axial planar foliation, the result of which is that F1 fold hinges are rarely exposed. It was during this period of ductile that the lithologies were metamorphosed to chlorite-biotite facies (and more rarely, to amphibolite facies grades). F2 folds have been defined as isoclinal, predominantly E to NE vergent. In the Klondike, third folding F3 produced open folds over the district and this deformation is pervasive at outcrop scales (Liverton, 2011).

The Klondike region is underlain by three thrust fault bounded assemblages that make up the mid Permian Klondike Schist (Rushton et al., 1993).

- Assemblage III – a carbonaceous quartz-muscovite phyllites, schists and marbles
- Assemblage II – a micaceous and chloritic quartzite, feldspathic quartzite, marble and calcareous schists which is intruded by the Mt. Burnham orthogneiss.
- Assemblage I – complex assortment of:
    - Quartz augen schists
    - The Sulphur Creek orthogneiss
    - Chloritic schists, metagabbros, amphibolites, quartzites and felsic schists.

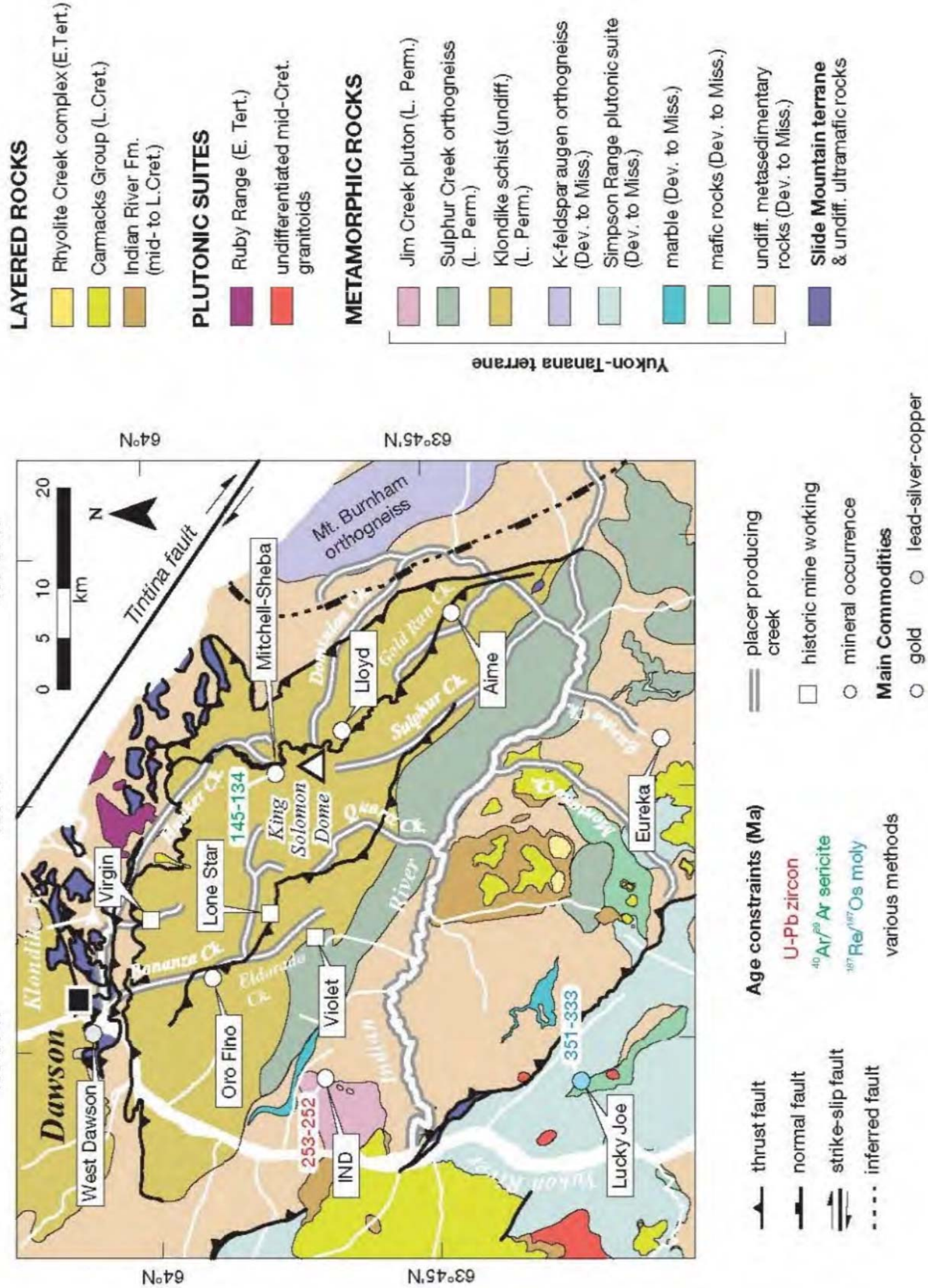


Figure 7: Simplified Regional Geology. (from Allan, et al, 2012)

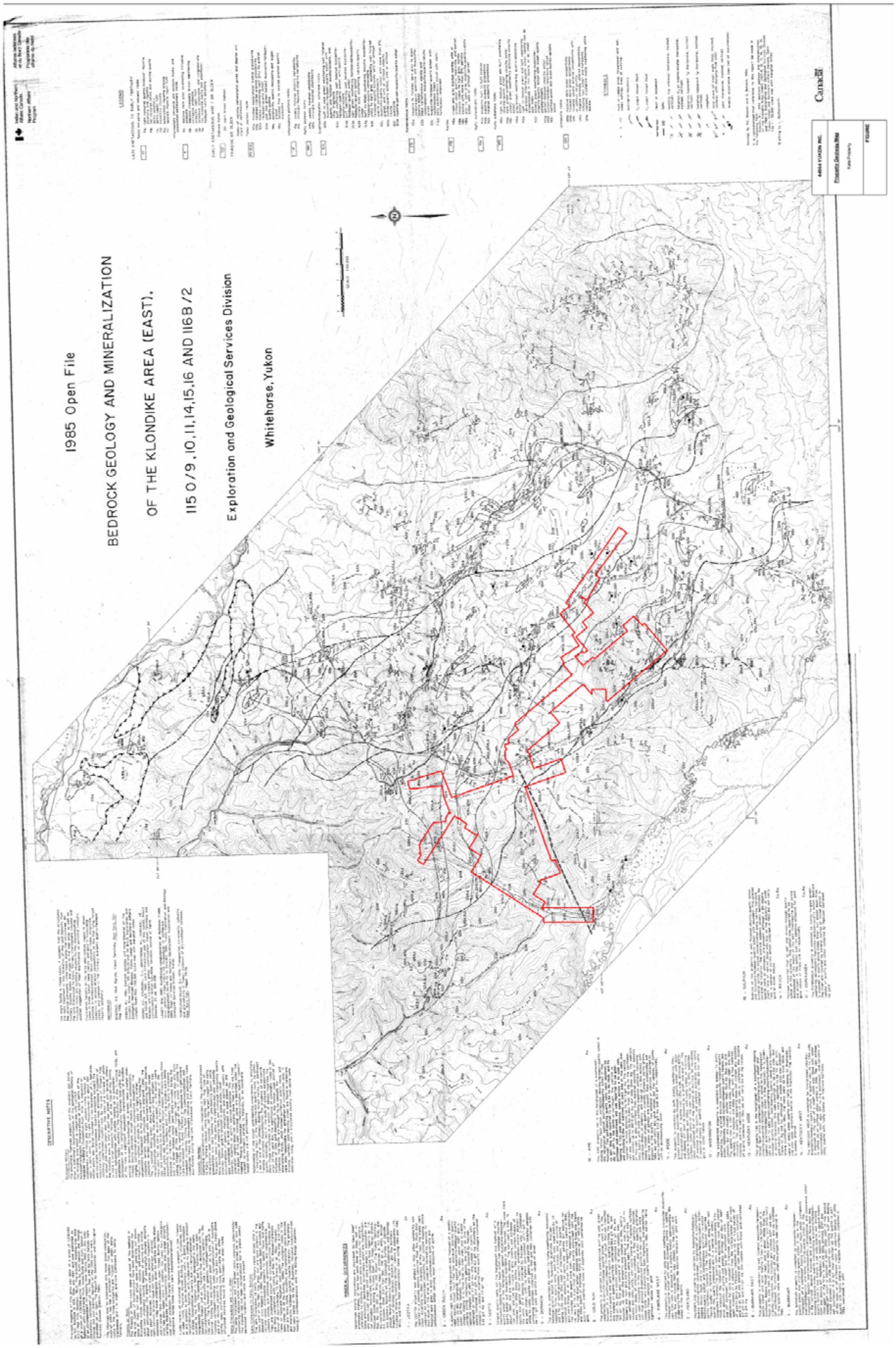


***Figure 8*: Regional Geology – modified from Open File 1985-1 – Kate Claim Boundary Shown**

7.0 PROPERTY GEOLOGY AND MINERALIZATION

Geology

Regional mapping by Debicki, Mortensen, Mackenzie and others shows that the general area of the Kate mineral claim block is underlain by Late Permian, Klondike Schist with portions of the Sulphur Creek orthogniess nearby. Bedrock exposure is sparse to non-existent in the area where the Kate Mineral Claims were worked in 2015. That stated, subcrop and float exposures are in general agreement with the YGS mapping of the claim area. In summary, it can be stated the property is underlain by chlorite schist of the Carboniferous to Permian Klondike Schist with a relatively shallow dipping foliation.

Where exposure exists in the area, the Klondike Schist shows a well-developed L-S tectonite characterized by a combination of linear ("L") and planar ("S") fabrics. Workers have attributed four distinct phases of deformation (D1-D4) to progressive fabric development within the Schist, however not all the deformation phases are seen within thte lithological package. Generally, resultant fold styles are lithologically controlled (Liverton, 2011). Each of these phases of deformation is further described below:

- D1 - Ductile Phase with isoclinal folds.
- D2/S2 – Kilometre-Scale macroscopic antiformal structures.
- D3 – Tight folds of S2 with a prominent NW trend.
- D4 - Conjugate angular kink folds of the penetrative foliation.

Klondike Quartz Vein Systems

Rushton et al. (1993) presents two types of quartz veins in the Klondike District, and by extension, the Kate Claim Block:

- foliaform veins - metres thick, concordant with transposed bedding predominatly lenticular – no gold mineralization
- discordant veins – Gold bearing, sub metre thick, continuous along strike sulphide mineralization (pyrite, minor galena, chalcopyrite and tetrahedrites)

According to YGS mapping The Kate Project is underlain by units of felsic schists of the Klondike Schist, as well as sections of the Sulphur Creek Orthogneiss package.

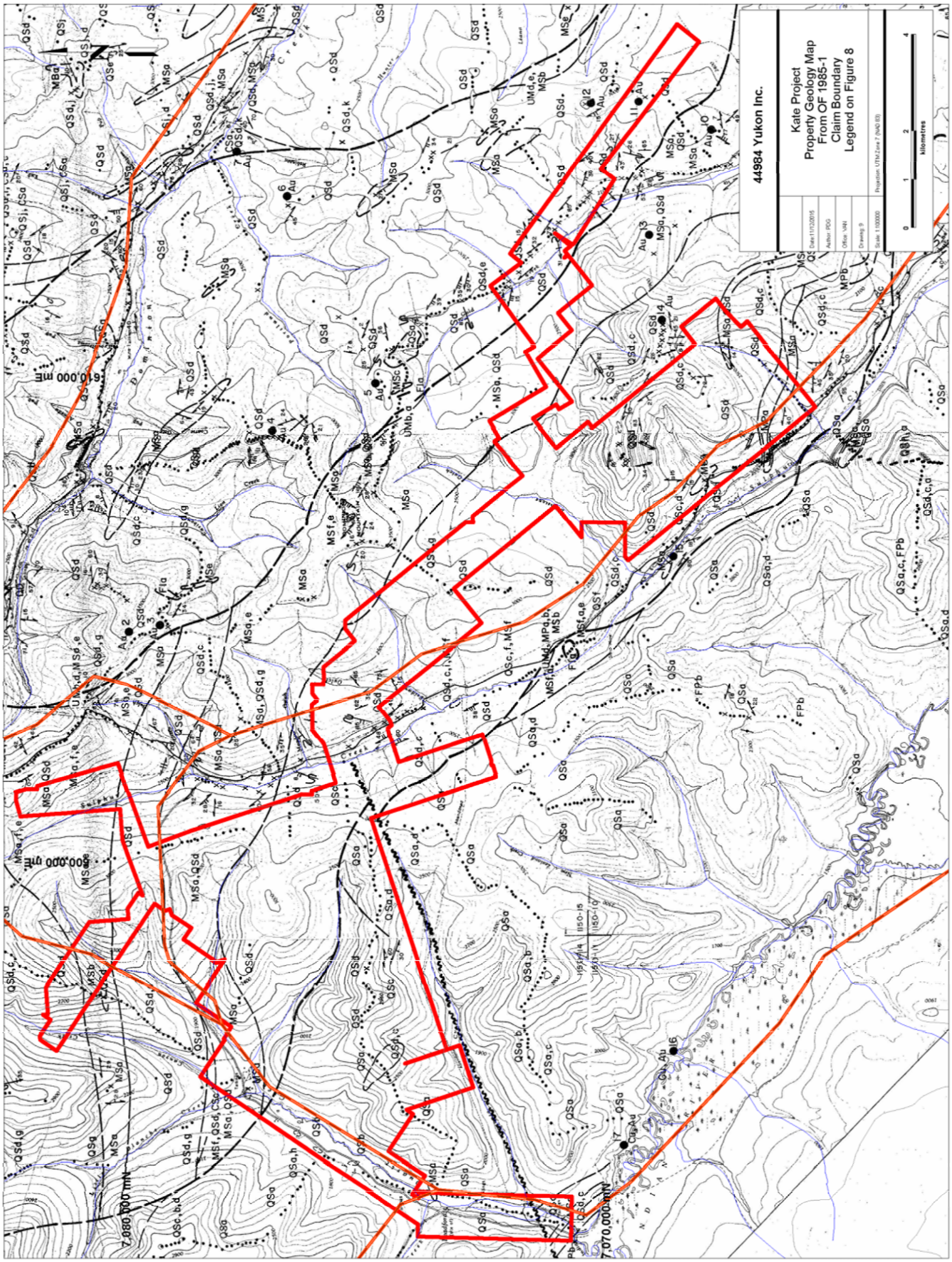


Figure 9: Property Geology – from OF 1985-1; Legend on Figure 8

8.0 2015 EXPLORATION PROGRAM

Summary

In July 2015 44984 Yukon Inc. conducted a focused regional mineral exploration program on the Kate Project in two phases, Phase I from July 10 – July 19 and Phase II from August 28 – September 6, 2015, for a total of 66 man-days on the Project.

The 2015 Kate mineral exploration project consisted of a ridge and spur reconnaissance-type geochemical surveys combined with prospecting and geologic mapping. The primary focus of the exploration program was soils geochemistry (via complete XRF and threshold chemical analyses) and based on the anomalous As-in-soil results of the Phase I reconnaissance survey, detailed geochemical surveys and total magnetic intensity geophysical surveys were carried out over targeted areas during the Phase II program.

The XRF system proved an excellent tool to identify geochemically anomalies and resulted in the identification of five (5) high priority anomalous zones: Mack South, Mack North, Ridge Road, Sulphur Creek, and LNX.

Based on the anomalous As-in-soil results of the reconnaissance survey, follow-up detailed geochemical surveys and total magnetic intensity (TMI) geophysical surveys were carried out. The culminating efforts of the geochemical surveys have resulted in the identification of five (5) distinct geochemically anomalous zones: Mack South, Mack North, Ridge Road, Friday Gulch, and LNX. The TMI surveys cover a very small area in the Mack South and Mack North Zones.

Figure 10 highlights the location of the following detailed Anomalous Zones:

A total of 951 soil samples were collected and analyzed by XRF instrumentation during the 2015 exploration program. Locations of the soil sample stations were determined by GPS and are shown in Figures 11 and listed in Appendix 4.

Of the 951 soils collected and XRF analyzed, 103 were selected for chemical analyses by ICP and Fire Assay for gold. The soil samples selected for chemical assay were based upon threshold As and related Au pathfinder elemental XRF Results and general location (proximity to anomalously reported XRF results); analysis of the chemical assay vs. XRF assay proved a direct correlation and have bolstered the usage of XRF Instrumentation with all go-forward mineral exploration on the Kate Claim. In addition, 46 rocks collected during the property reconnaissance sampling were selected for chemical analysis. Appendices 4, 5 and 6 present the XRF and chemical analytical data in raw form for soils and rocks respectively; Appendix 8 presents photographs and notes of collected rock samples, and Appendix 9 presents the analysis certificates.

8.1.1 Mack South

Mack South geochemical anomaly is located on a ridge just south of the confluence of Mack and Quartz Creeks. The Mack South Zone is delineated by an As-in-soil anomaly as well as Pb, Zn, and Cu-in-soil anomalies (Figures 12, 13, 14, 15). Au-in-soil appears to have excellent correlation with the Pb/Zn/Cu-in-soil anomalies (Figures 16, 17, 18). The As-in-soil anomaly does not appear to correlate with the Au-in-soil anomalies (Figure 19). The multi-element-in-soil anomaly is open in all directions. The dimensions of the Mack South geochemical anomaly is approximately 2km (NW-SE) by 1km (SW-NE). The Mac South geochemical anomaly is coincident with two 2015 ground magnetic survey intensity highs and corresponds well to magnetic intensity linears from the same survey (Figure 27).

8.1.2 Mack North

Mack North geochemical anomaly is located on a ridge just east of the confluence of Mack and Quartz Creeks. The Mack North Zone is delineated by an As-in-soil anomaly as well as Pb-in-soil anomalies (Figures 12 and 13). The soil anomaly is open to the north and south. The dimensions of the Mack North geochemical anomaly are approximately 1.2km (E-W) by 0.175km (N-S). The geochemical anomalies are coincident with a magnetic intensity linears (Figure 27).

8.1.3 Ridge Road

Ridge Road geochemical anomaly is located on the Quart Creek road just south from the Quart Creek / Bonanza Road junction. The Ridge Road Zone is delineated by an As-in-soil (Figures 20). The soil anomaly is bounded by the property boundaries. The Ridge Road geochemical anomaly is part of a larger geochemical trend that covers Klondike Gold, 44984 Yukon Inc. and Shawn Ryan properties.

8.1.4 Friday Gulch

Friday Gulch Zone is located on the east and west slopes of Sulphur Creek road north and south of the confluence of Sulphur Creek and Friday Gulch. The Friday Gulch Zone is identified by As, Pb and Zn-in-soil anomalies (Figures 21, 22 and 23) There is currently insufficient data to delineate a trend to the three different soil anomalies in this zone.

8.1.5 LNX

LNX geochemical anomaly is located on two ridges on the east side of Sulphur Creek just southeast of the confluence of Sulphur and Brimstone Creeks. The LNX Zone is delineated by an As-in-soil anomaly (Figure 24). The soil anomalies have not been sufficiently followed up to determine the size and trend to this zone.

8.2 Soil Survey

A total of 951 soil samples were collected during the 2015 exploration program. Locations of the soil sample stations were determined by GPS and are shown in Figures 11 and listed in Appendix X. Samples were taken from the B/C horizon and were taken from depths between 10 and 60 cm and placed in a labelled KRAFT bag with a sample tag. All samples collected were analyzed using a portable XRF (Olympus Innov-X Delta Premium XRF). Soil samples were dried and transferred into a thin plastic bag (Glad Sandwich Bag) and placed into the XRF work station and analyzed under a 3 beam SOIL setting of 30:30:30. Soil locations and XRF results can be found in Appendix 4.

Statistical values for As, Pb, Zn and Cu are presented in Table 4. Background concentrations as well as weak and strong anomaly concentration cutoffs were established using box plots. Defining Q1 and Q3 to be the first and third quartile and IQR to be the interquartile range (Q3 – Q1), the background concentration cutoff is defined as: Background < Q3 + (1.5*IQR); A strong anomaly is defined as: Strong anomaly > Q3 + (3*IQR). A weak anomaly is defined as greater than the background but less than a strong anomaly.

Table 4: Kate Property: XRF Statistical values for As, Pb, Zn, and Cu

	As (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)
Min	<5	<5	14.3	<10
Max	656	857	429	133
Average	21.9	19.4	68.8	22.5
Median	10.4	11.4	60	21
Q1	6.25	9.1	50.3	15
Q3	22.75	15.4	74	28
IQR	16.5	6.3	23.7	13
Background	47.5	24.85	109.55	47.5
S. Anomaly	72.25	34.3	145.1	67
50 perc	10.4	11.4	60	21
60 perc	13.8	12.5	64	23
70 perc	19.3	14.2	71	26
80 perc	27.4	17.4	80	29
90 perc	49	30.1	100	35
95 perc	68.55	54.5	134	41

One-hundred-three (103) anomalous metal-in-soil samples identified in the XRF analysis were selected for commercial laboratory analysis (Acme Labs). Samples received by the commercial lab were dried at 60°C and 100g were sieved with an 80mesh (0.180mm). From the sieved fraction 0.5 grams and 30 grams were digested in separate aqua regia solutions and analyzed with by ICP-ES (for multi-element / AQ300) and ICP-MS (for gold / AQ130). Twenty-two (22) samples returned Au concentrations >20ppb with a maximum of 345.7 ppb Au. The certificate of analyses can be found in Appendix 9.

There was a good linear correlation between commercial lab (y-axis) and XRF (x-axis) results for elements: arsenic (slope = 1.5213, R^2 = 0.9430), lead (slope = 1.991, R^2 = 0.8782), zinc (slope = 1.088, R^2 = 0.8546), copper (slope = 1.3901, R^2 = 0.7209), and manganese (slope = 0.8536, R^2 = 0.7574); see Tables 5 – 8.

8.3 Prospecting

Outcropping exposure on the Kate property is limited. There were three common types of subcrop/float identified on the Kate property during the 2015 Property work program (quartz, bronze/buff weathered muscovite-feldspar-quartz schist and green quartz-chlorite schist). Forty-six (46) rock samples (float and subcrop) were collected during the course of the 2015 Kate exploration program. Locations, descriptions and photos of all samples collected can be found in Appendices 5 and 8. Samples collected from the Mack Zone are described in more detail in section and 8.3.1 and within Table 9.

Table 5: Kate Property: XRF v. Chemical Assay Pb

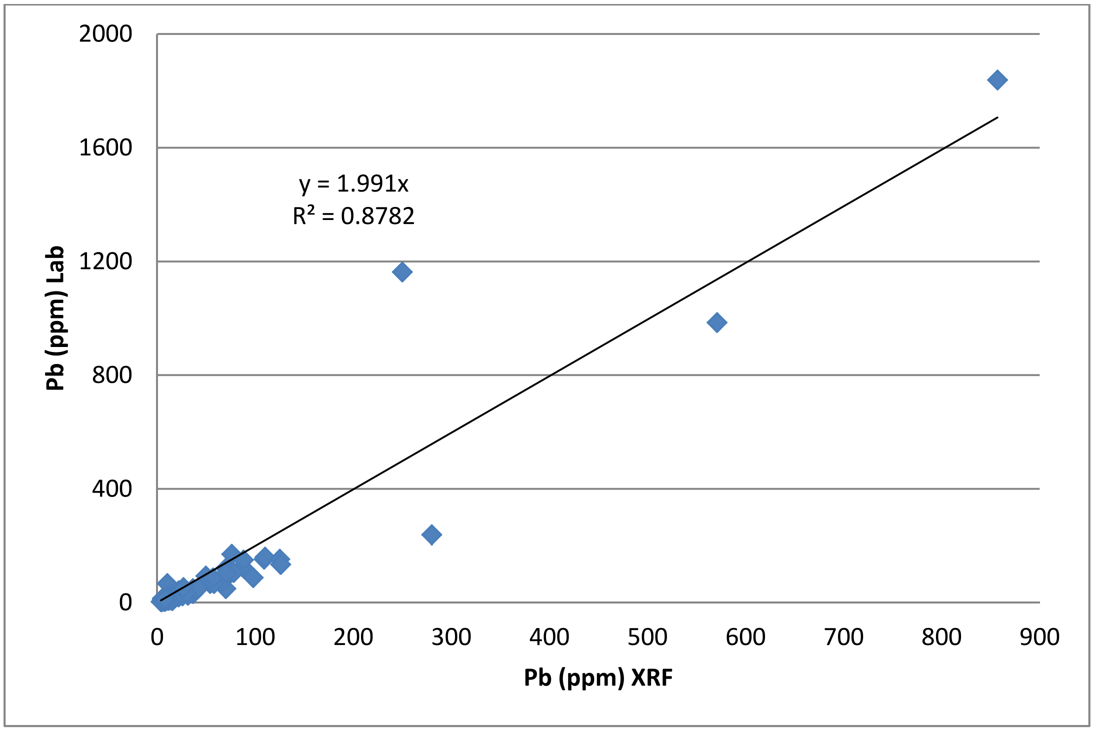


Table 6: Kate Property: XRF v. Chemical Assay Zn

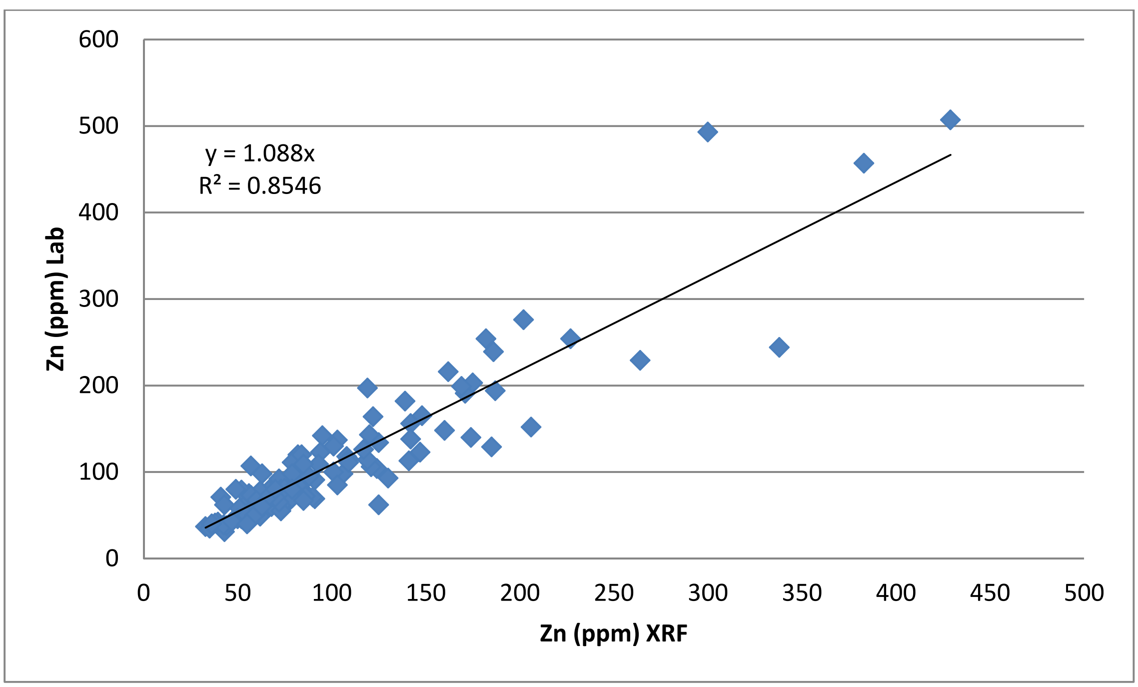


Table 7: Kate Property: XRF v. Chemical Assay Cu

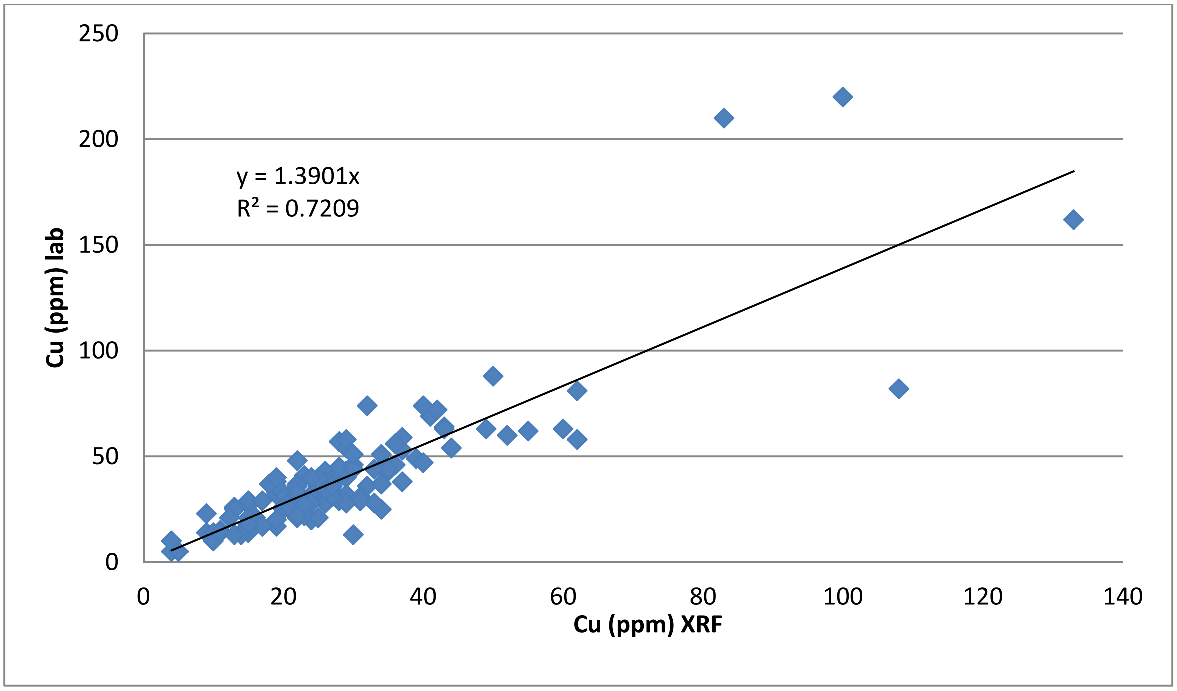
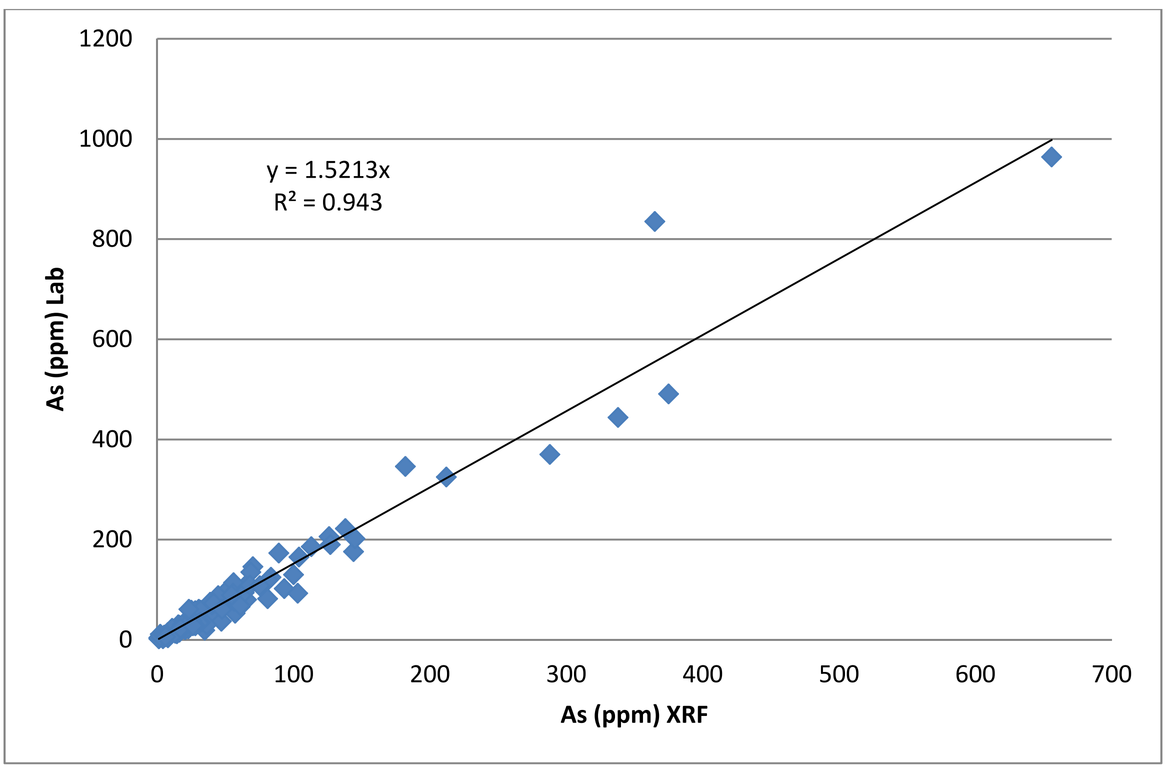


Table 8: Kate Property: XRF v. Chemical Assay As



8.3.1 Mack Zone

Thirty-five rock samples were collected from the Mack Zone (Figure 25). No samples were anomalous in gold, however, a number of samples were anomalous in As, Pb and Zn. Four samples collected from the Mack South area (KR3, 4, 9 and 10) returned As-in-rock anomalies that could explain the As-in-soil anomalies found on Figure 25 - Inset. Three samples collected from the Mack South area (KR10, 15 and 18) have returned Pb-in-rock anomalies that could explain the Pb-in-soil anomalies found on Figure 16. No samples collected, to-date, in the Mack South Zone can explain the Au-in-soil anomaly.

Table 9: Select Rock samples collected from Kate Summary Table

Sample Name	Description	As (ppm)	Pb (ppm)	Zn (ppm)	Cu (ppm)	Au (ppb)
1566251	Quartz-Chlorite Schist: Abundant magnetite and pyrite	17	73	178	38	14.9
1566252	Quartz-Chlorite Schist: Abundant magnetite and pyrite	4	91	132	19	7.9
KR3	Quartz and Quartz-Muscovite Schist: Pervasive Oxidation (Moderately)	510	24	23	5	35.9
KR4	Quartz-Muscovite Schist: Pervasive Oxidation (Moderately), Pervasive Silicification (Strong)	748	<3	14	3	2.7
KR9	Quartz: Discrete Oxidation (Strong along fractures and in cavities)	429	34	6	4	6.3
KR10	Quartz: Discrete Oxidation (Strong along fractures and in cavities)	116	106	48	7	4.3
KR15	Quartz-Muscovite Schist: Pervasive Oxidation (weak), Pervasive Silicification (weak)	17	113	64	33	1.1
KR18	Quartz: Discrete Oxidation (Strong along fractures and in cavities)	21	575	2	2	6.3

8.4 Ground-Mag Geophysical Survey

A ground magnetic survey was carried out in the Mack Zone of the Kate property. The ground survey was carried out over the Mack Zone to resolve smaller magnetic variations that the airborne magnetic survey carried in 2000 (GSC Open File 3992) could not resolve. The airborne survey was carried out with an average traverse line spacing of 500m with control line flown at 3.5km intervals. The helicopter flight height was maintained at an average ground clearance of 120m. The traverse lines were roughly NE-SW. The residual magnetic field for the magnetic airborne survey is shown in Figure 26 with the Kate claim outline shown.

Figure 27 shows the Mack Zone with residual total magnetic field from the airborne survey (Figure 27a) and the residual total magnetic field from the ground survey carried out during the 2015 field season overlain on the residual total magnetic field from the airborne survey (Figure 27b). From comparison of Figure 27a and

27b we can see that the ground survey has identified a magnetic anomaly between flight-path lines (Mack South Zone) and that there are magnetic linear features that are only detectable in the detailed ground mag surveys.

Statistical values for the residual magnetic field are presented in Table 10. Magnetic high and low anomalies were defined as those values more than the 90th percentile and less than 10th percentile, respectively.

Table 10: Kate Property: Residual Magnetic Field Statistics

	RMF (nT)
Min	-59.95
Max	183.86
Average	93.22
5 perc	60.48
10 perc	65.17
Q1 / 25 perc	74.73
Q2 / 50 perc	95.41
Q3 / 75 perc	110.57
90 perc	118.66
95 perc	126.19
IQR	35.86

Grid Information

Two magnetic total field surveys were carried out in the Mack Zone. In the Mack South Zone 8.367 line km's were collected with an average station spacing of 12.5m. Line spacing is 100m with control lines spaced at 200m. There were 715 individual station readings covering an area of 1.252km2. In the Mack North Zone 7.758 line km's were collected with and average station spacing of 12.5m. Line spacing varied between 100m and 200m. There were 596 individual station readings covering an area of 1.466km2.

Survey Parameters and Instrumentation

The magnetic survey utilized a stationary base unit to record the magnetic field to allow for the removal of the diurnal variation in the measured data. The base station recorded data at 3 second intervals. The mobile units recorded the total magnetic field every 12.5m alone the grid line traverses. Calibration measurements were taken by the mobile units at the start and end of each day to account for level shifts between the different instruments and to get a sense of the error in the data. The physical location of the base station and the calibration station are 594859E/7068432N and 594840E/7068430N, respectively.

Geophysical Techniques – Magnetic Survey Method

Magnetic intensity measurements are taken along survey traverses and are used to identify metallic mineralization related to magnetic material in the ground (e.g., magnetite and/or pyrrhotite). Magnetic data are also used as a mapping tool to distinguish rock types and to identify faults, bedding, structure and alteration zones. Line and station intervals are usually determined by the size and depth of the exploration targets.

The magnetic field has both amplitude and direction. The most common technique used in mineral exploration is to measure just the amplitude component using an overhauser magnetometer. The instrument digitally records the survey line, station, total magnetic field and time of day at each station. After each day of surveying, data are downloaded to a computer for archiving and further processing.
The earth's magnetic field is continually changing (diurnal variations) so field measurements are calibrated to these variations. The most accurate technique is to establish a stationary base station magnetometer to continually monitor and record the magnetic field over the course of a day. The base station and field magnetometers are synchronized on the basis of time and computer software is used to correct the field data for the diurnal variations.

Data Processing – Acquisition and Quality Assurance Measures

On each day of surveying, geophysical and location information was dumped to external computers for archiving and data processing. Initial quality control of the data was completed by the survey crew at the camp for final quality control, processing and mapping.

Location information measured in the field (ground distances, slopes, azimuths, and GPS control points) are imported into a database. Within the database, automatic calculations are performed to generate UTM coordinates for every survey station. A visual review can then be performed to verify the locational information.

The Magnetic data is corrected for diurnal variation using the following formula:

$Data_{res}=Data_{raw}-Data_{base}$

where $Data_{res}$ is the residual corrected data, $Data_{raw}$ is the raw data from the mobile magnetometer, $Data_{base}$ is the base station reading for the same time period. In the final spreadsheet, suspect or poor quality points are flagged and removed. Calibration readings are verified to ensure the morning and afternoon readings are within set tolerances to determine instrumentation repeatability and noise of operator. In addition, any static shifts (differences) between multiple the instruments or even between the different days can be corrected for.

Equipment – GSM-19 Overhauser combination Magnetometer & VLF-EM

Resolution:	0.01 nT, magnetic field gradient
Accuracy:	0.2 nT over operating range
Range:	20,000 to 120,000 nT
Gradient Tolerance:	Over 10,000 nT/meter
Reading:	Initiated by keyboard depression, external trigger or carriage return via RS-232C
Input/Output:	6 Pin weatherproof connector, RS-232C, and optional analog output
Power Requirements:	12V 200 mA peak (during polarization)
	30 mA standby

300 mA peak in gradiometer

Power Source: Internal 12V, 1,9 Ah sealed lead-acid battery standard, other optional

External 12V power source can be used

Battery Charger: Input: 110/220V AC, 50/60 Hz and/or 12V DC

Output: 12V dual level charging

Oper. Temperature: -40C to 60C

Battery Voltage: 10V min. to 15V max.

Analytical Method

All exploration soil and rock from the 2015 Kate Project were analyzed at Bureau Veritas Commodities Canada Ltd. (formerly Acme Analytical Laboratories) of Vancouver, B.C. utilizing the MA-200, 45-element analytical package with FA430 Fire Assay with Gravimetric finish for gold on all samples. All samples were processed at 4498 Yukon's Indian River exploration camp and shipped to the Laboratory's preparation facility in Whitehorse, YT where samples were sorted and crushed to appropriate particle size (pulp) and representatively split to a smaller size for shipment to the lab's Vancouver analysis facility.

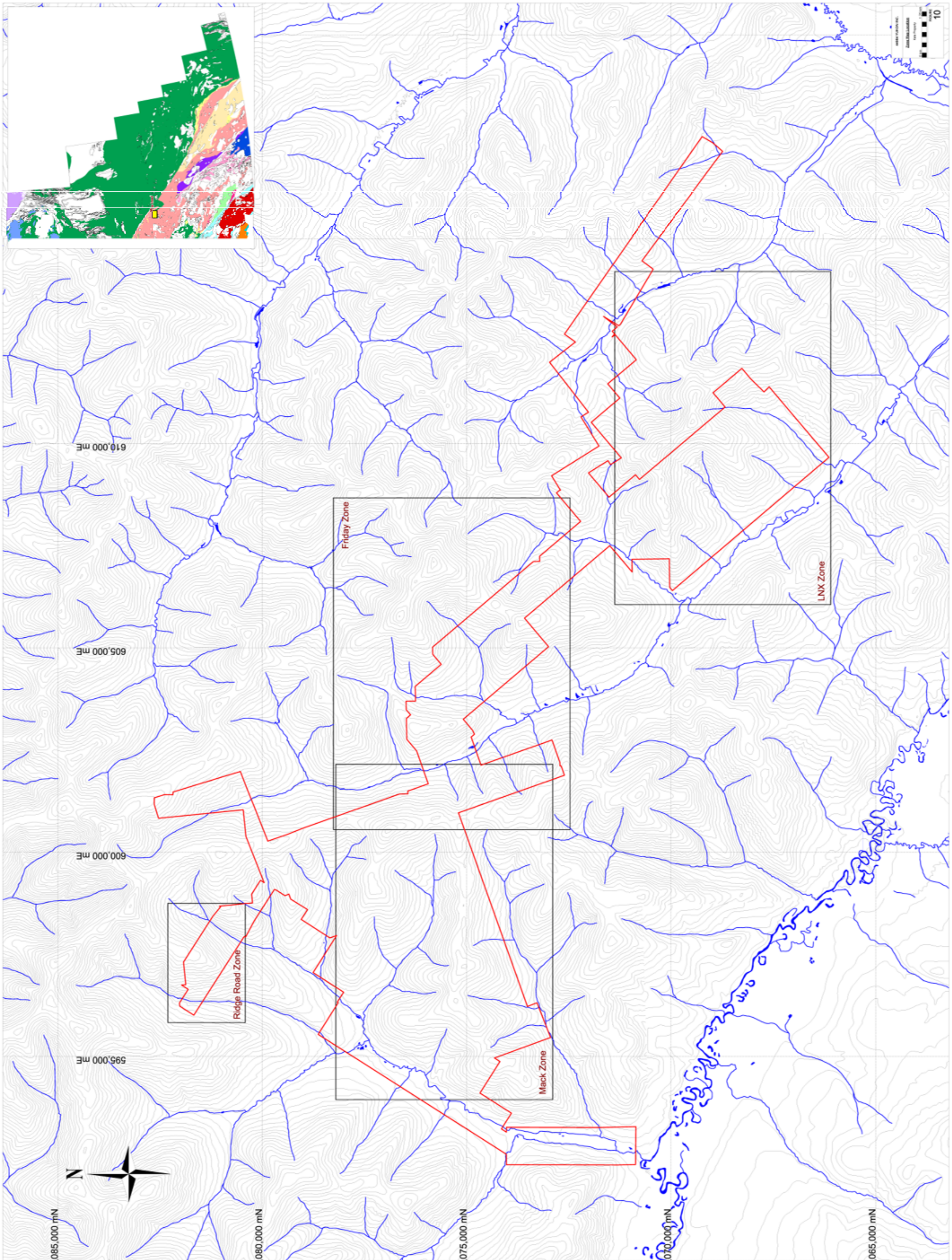


Figure 10: Kate Project – Zone Location Map

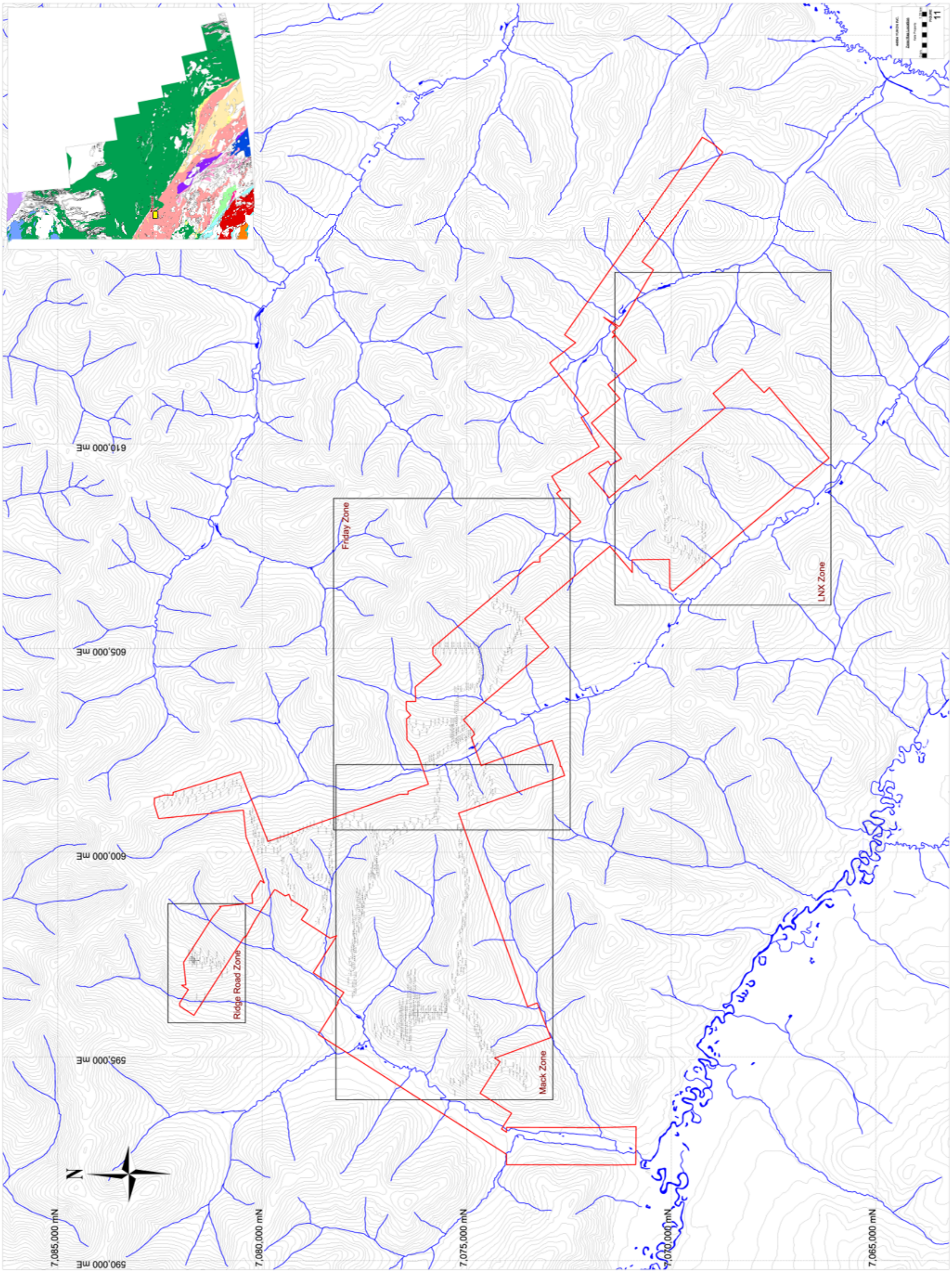


Figure 11: Kate Project – Soil Sample Location Map

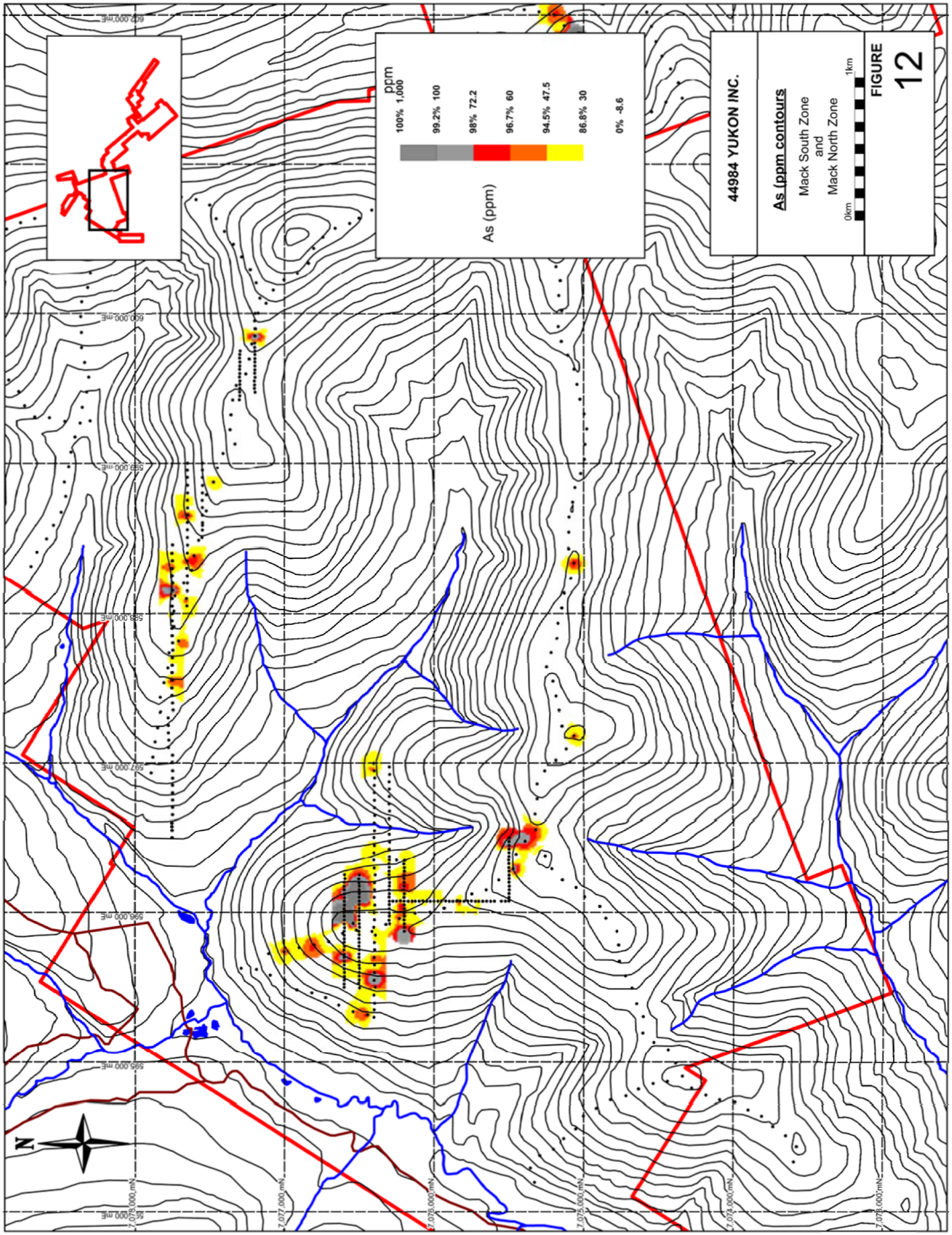


Figure 12: Kate Project – Mack Zone Soil Sample Results As

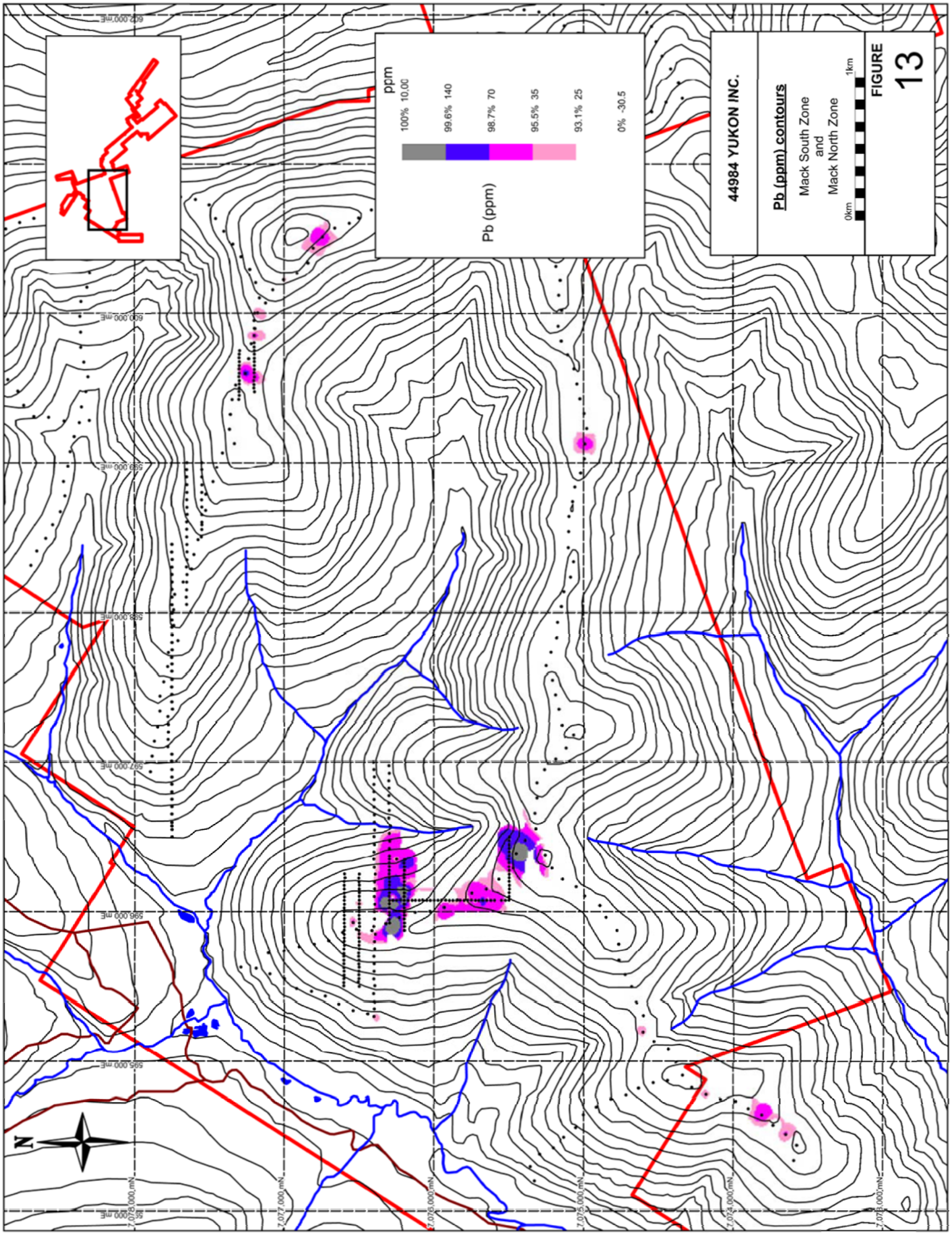


Figure 13: Kate Project – Mack Zone XRF Soil Sample Results Pb

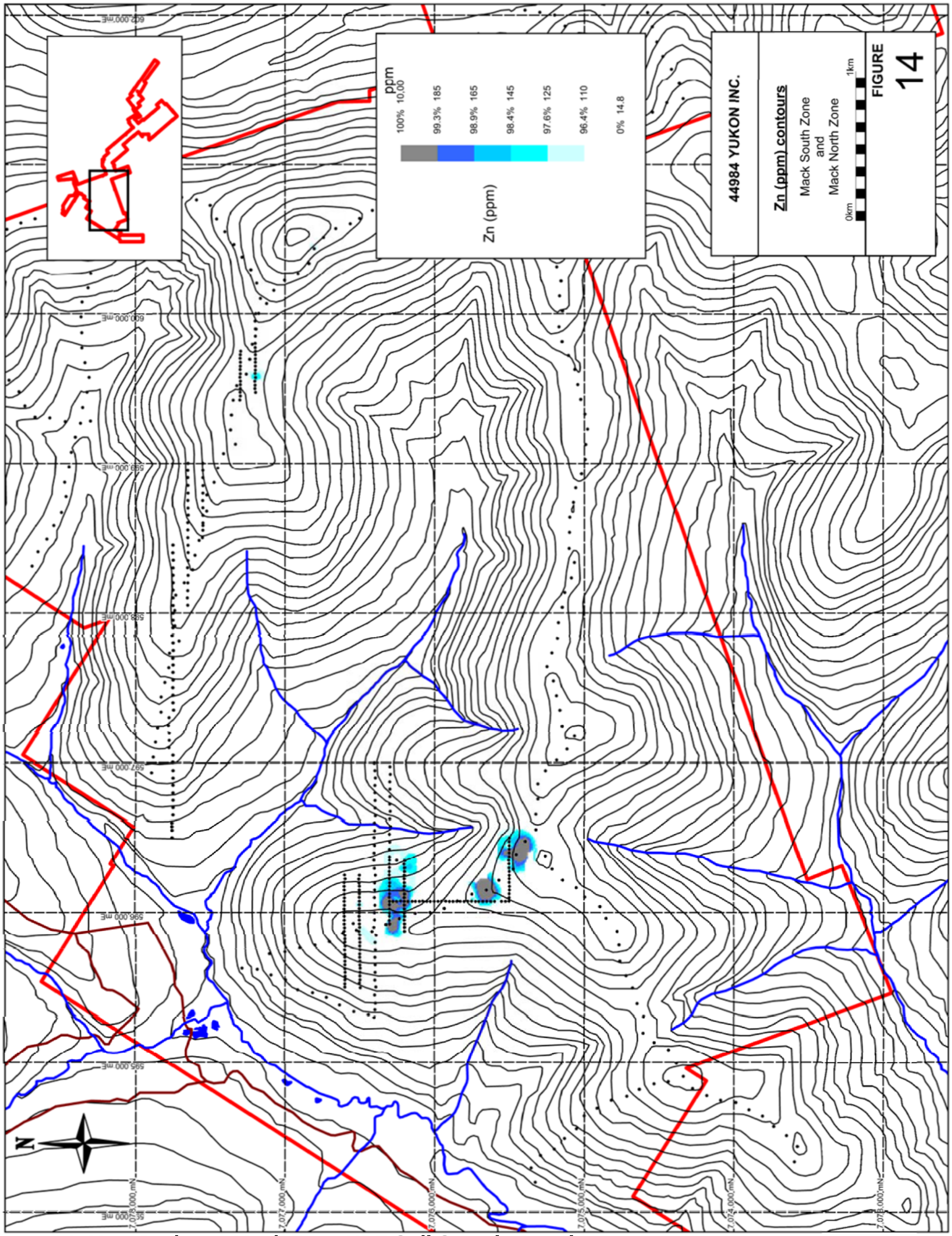


Figure 14: Kate Project – Mack Zone XRF Soil Sample Results Zn

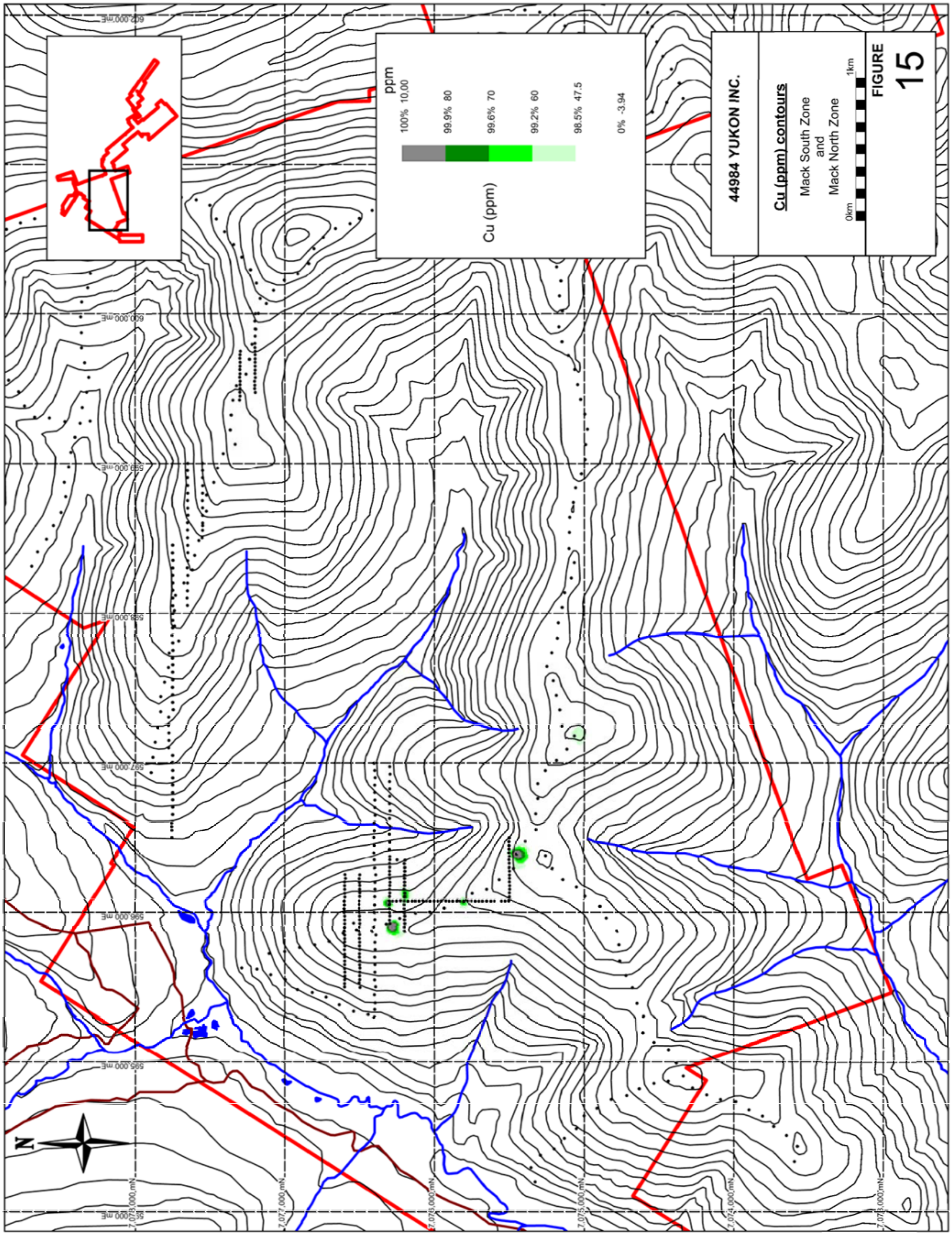


Figure 15: Kate Project – Mack Zone XRF Soil Sample Results Cu

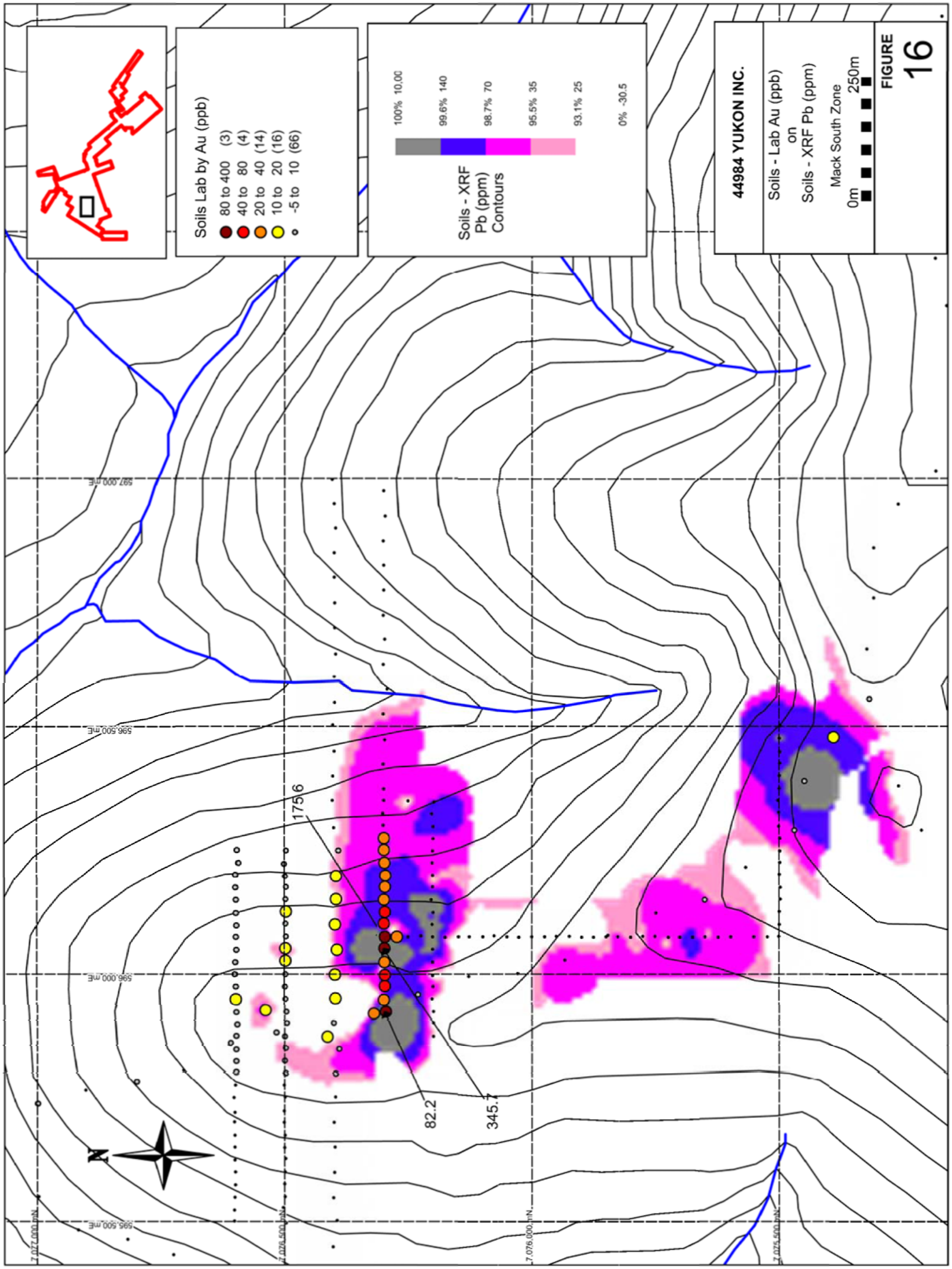


Figure 16: Kate Project – Mack South Zone Soil Sample Results Pb XRF and Au Chemical Assays

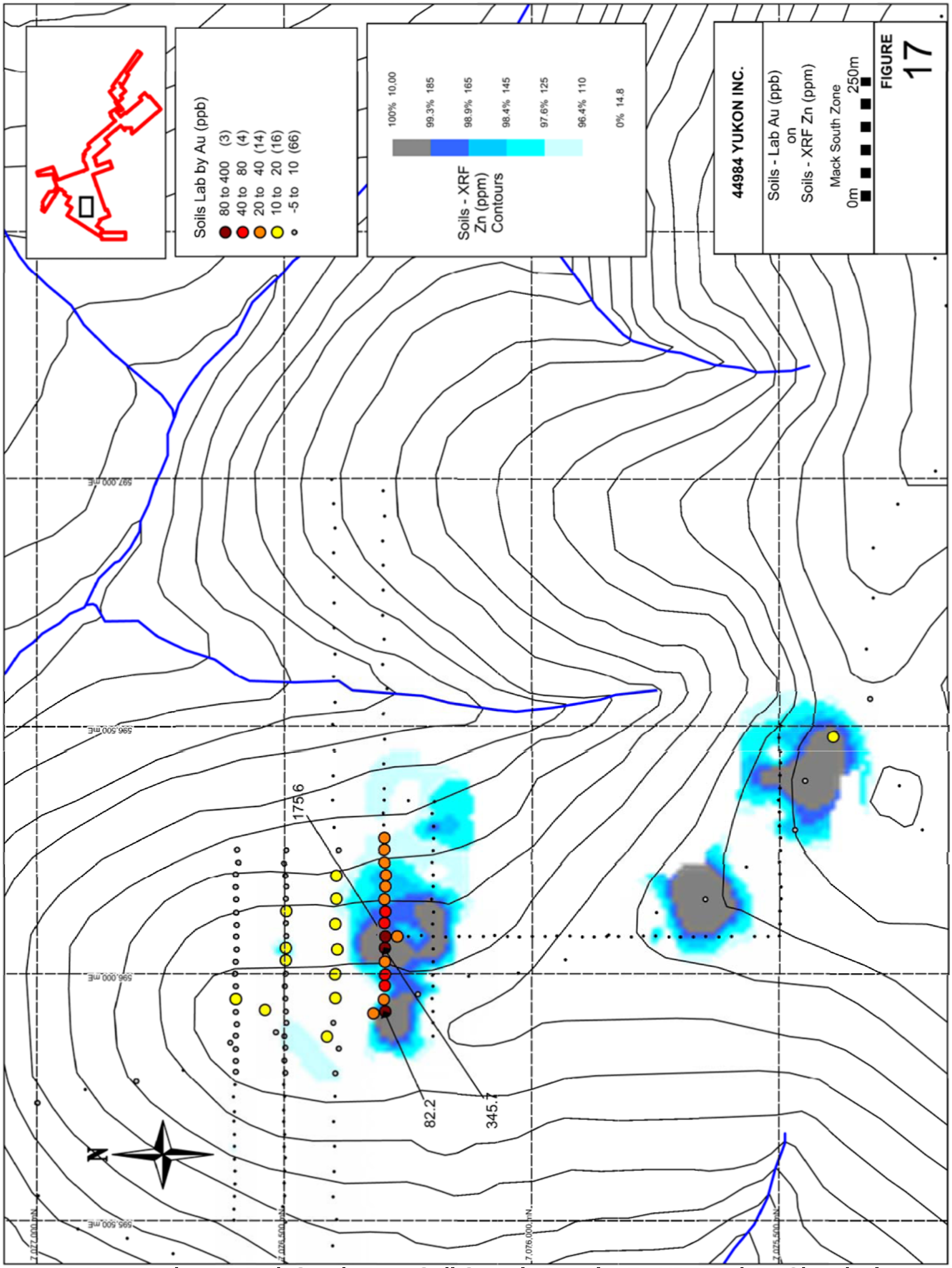


Figure 17: Kate Project – Mack South Zone Soil Sample Results Zn XRF and Au Chemical Assays

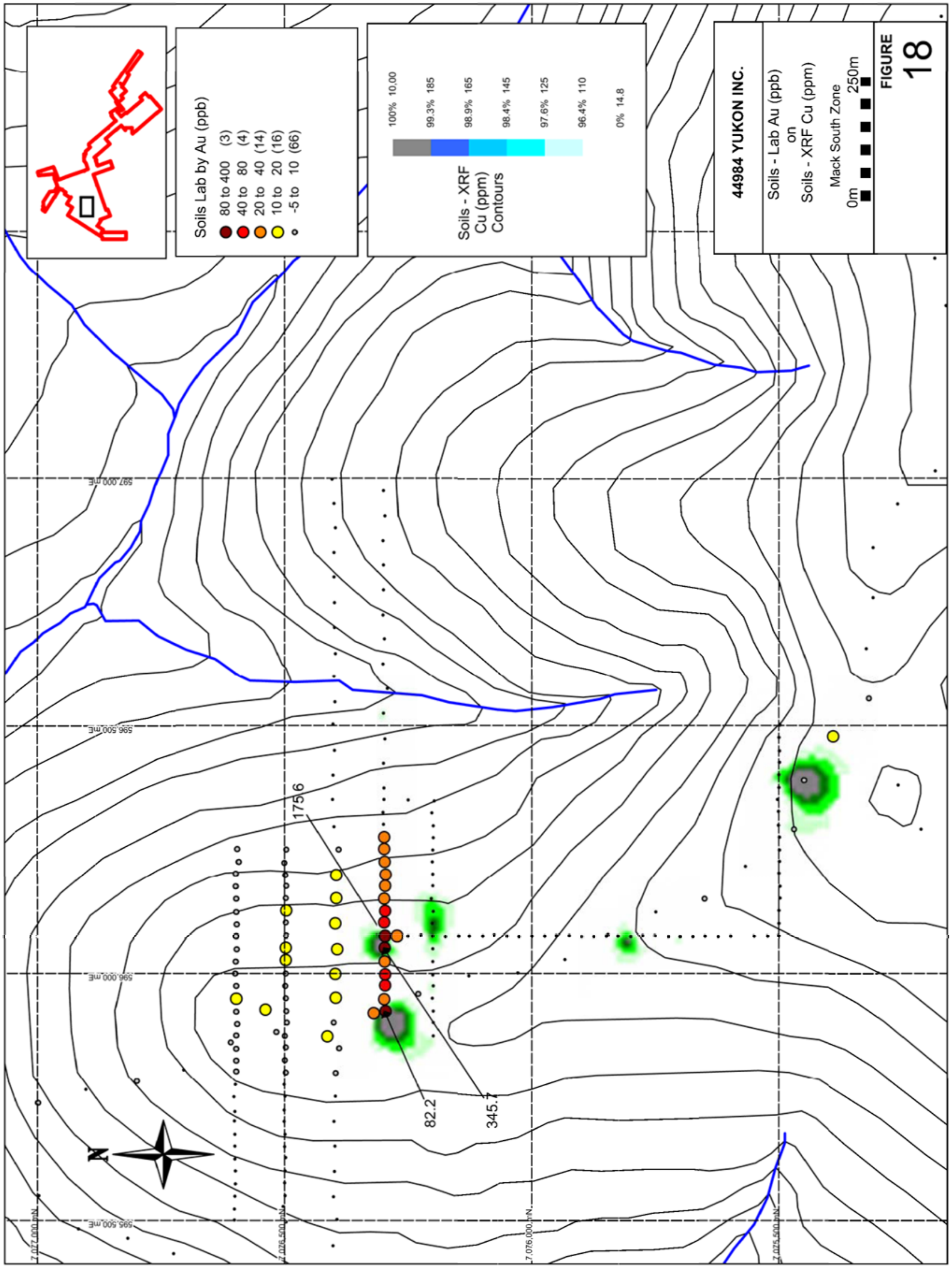


Figure 18: Kate Project – Mack South Zone Soil Sample Results Cu XRF and Au Chemical Assays

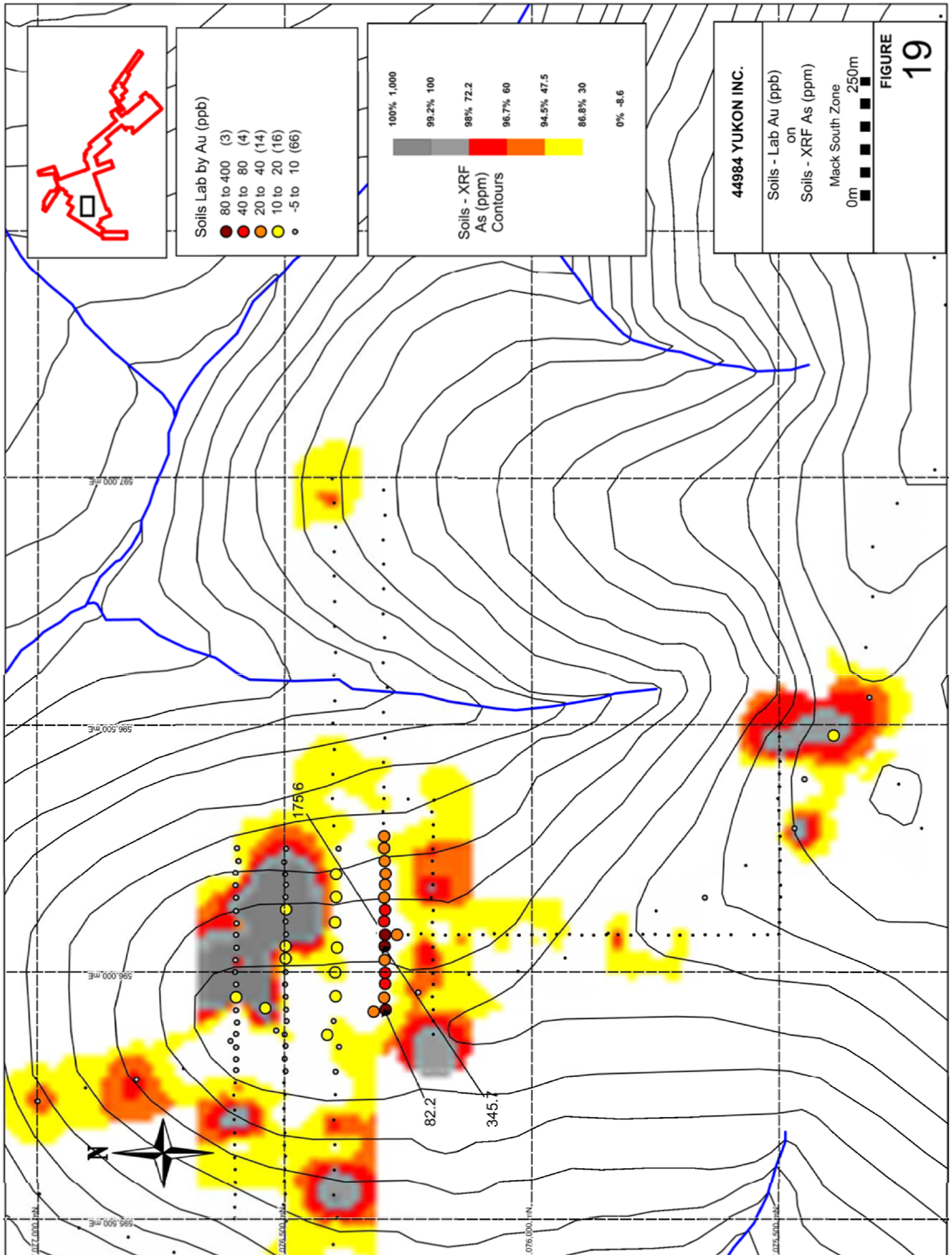


Figure 19: Kate Project – Mack South Zone Soil Sample Results As XRF and Au Chemical Assays

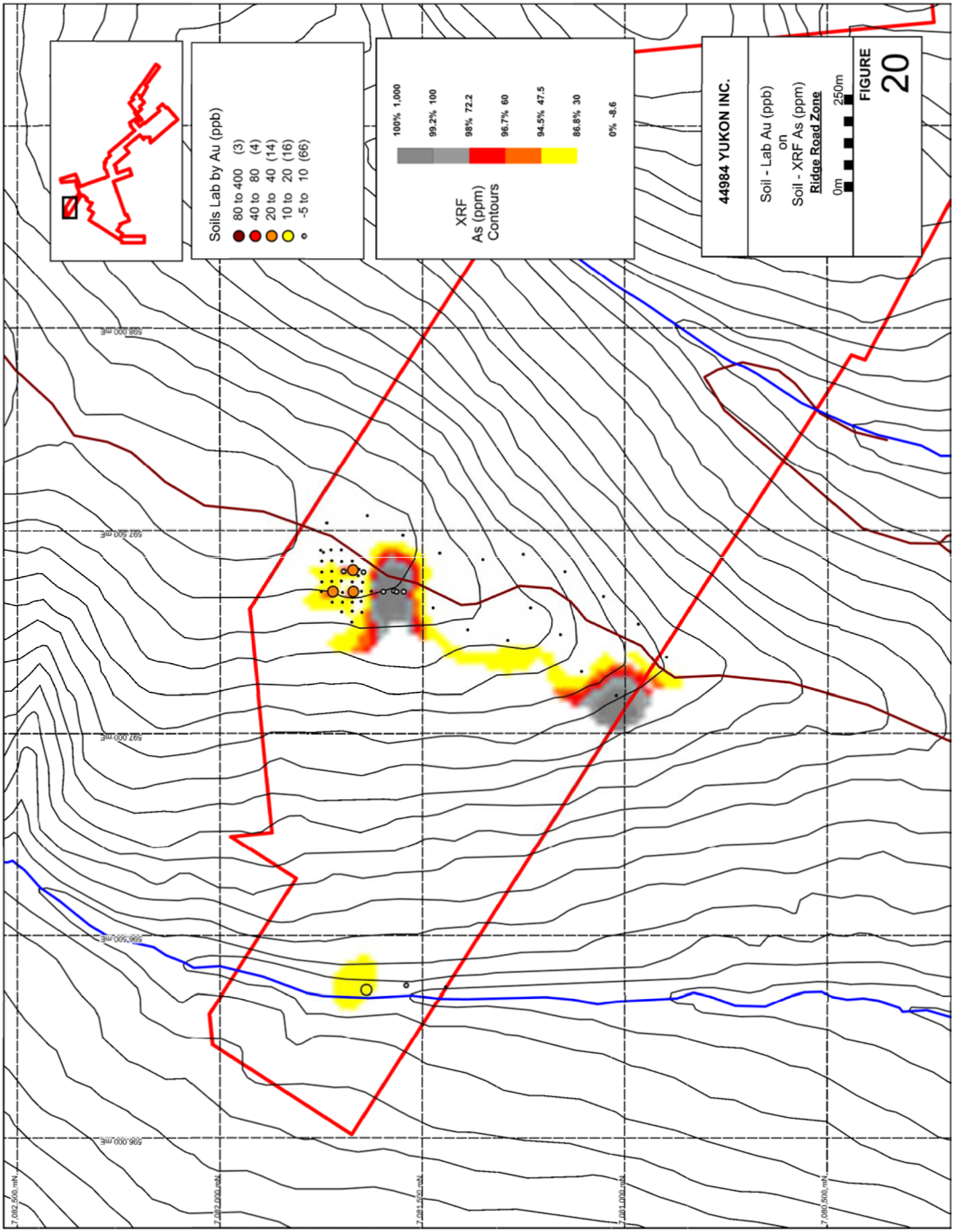


Figure 20: Kate Project – Ridge Road Zone Soil Sample Results As XRF and Au Chemical Assays

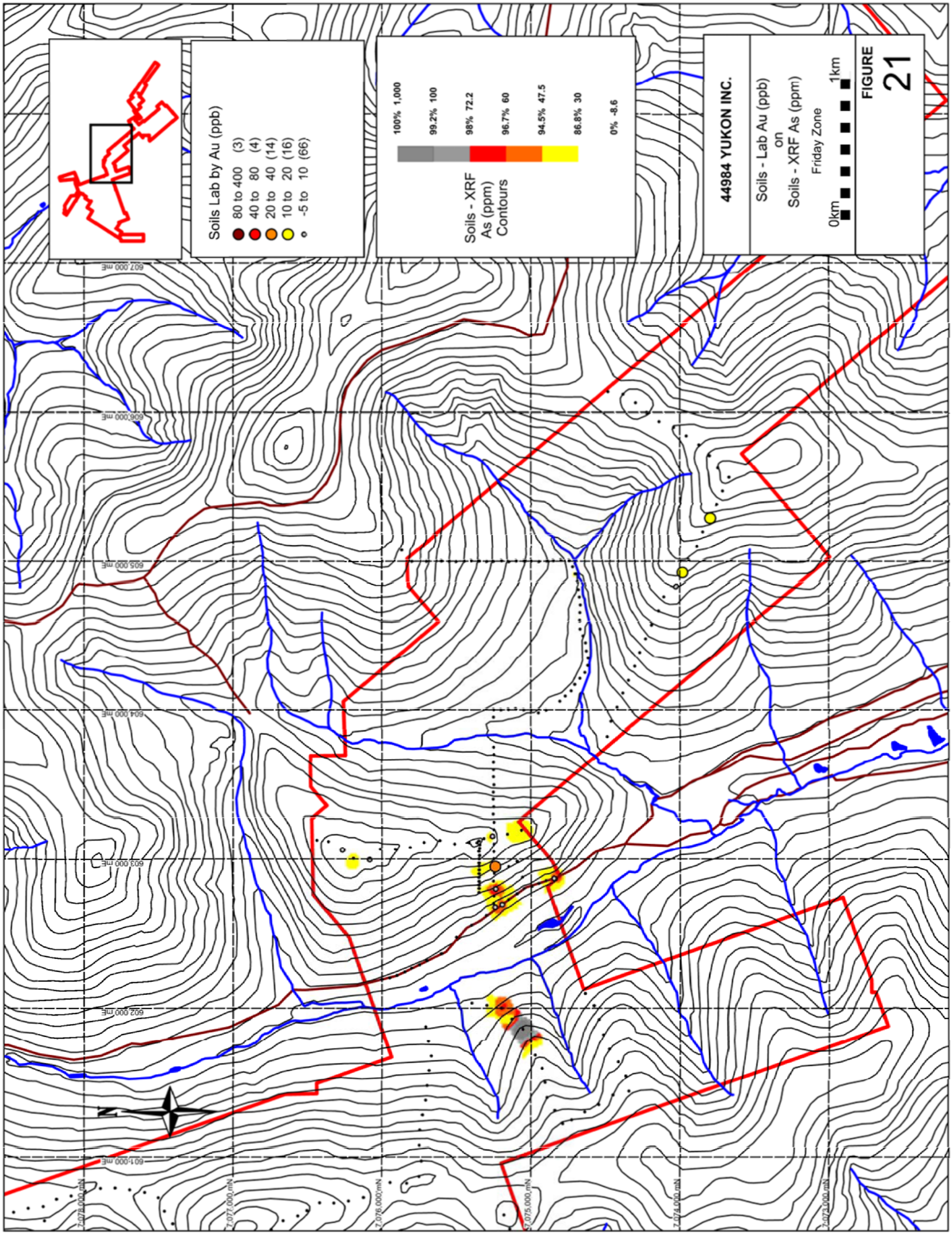


Figure 21: Kate Project – Friday Zone Soil Sample Results As XRF and Au Chemical Assays

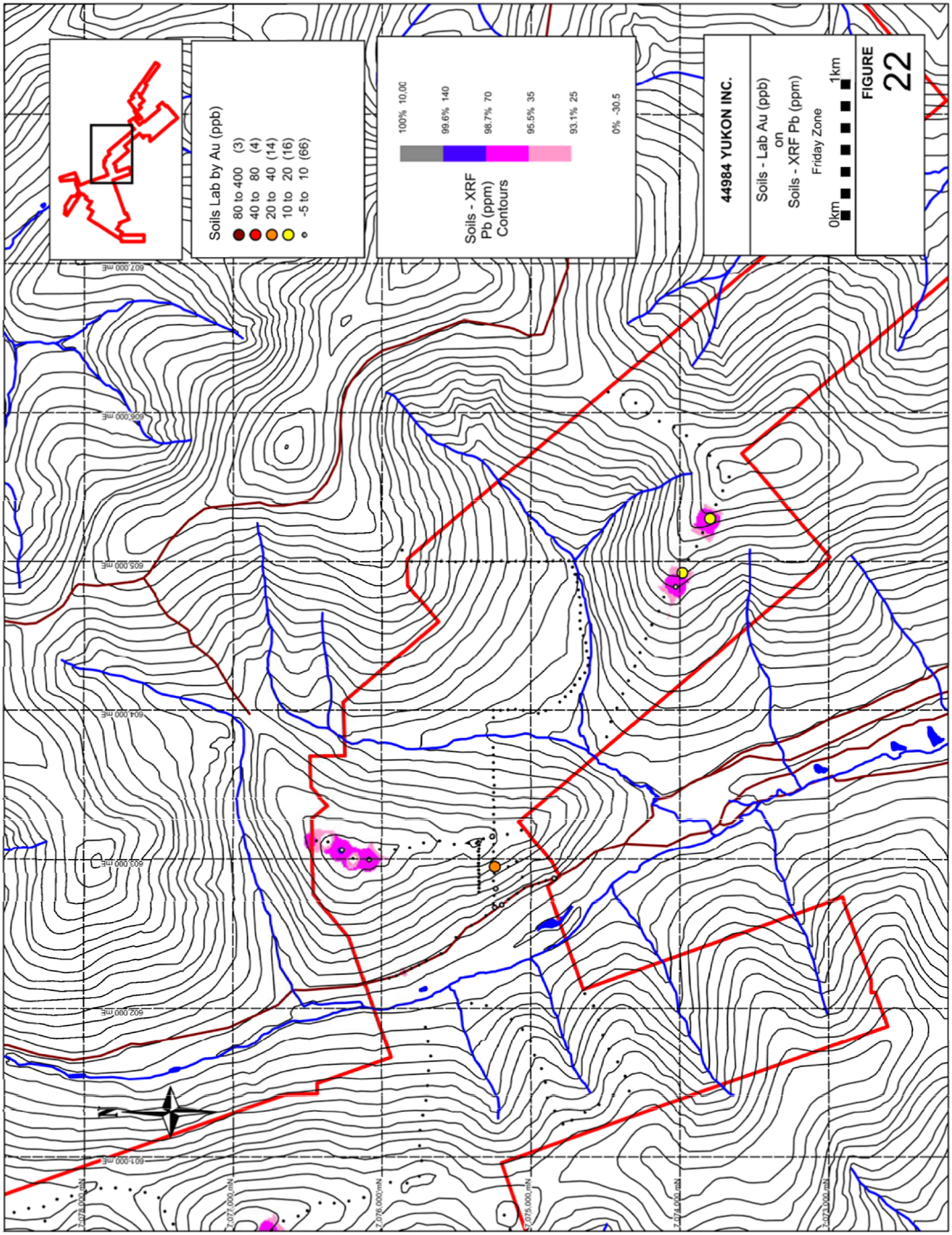


Figure 22: Kate Project – Friday Zone Soil Sample Results Pb XRF and Au Chemical Assays

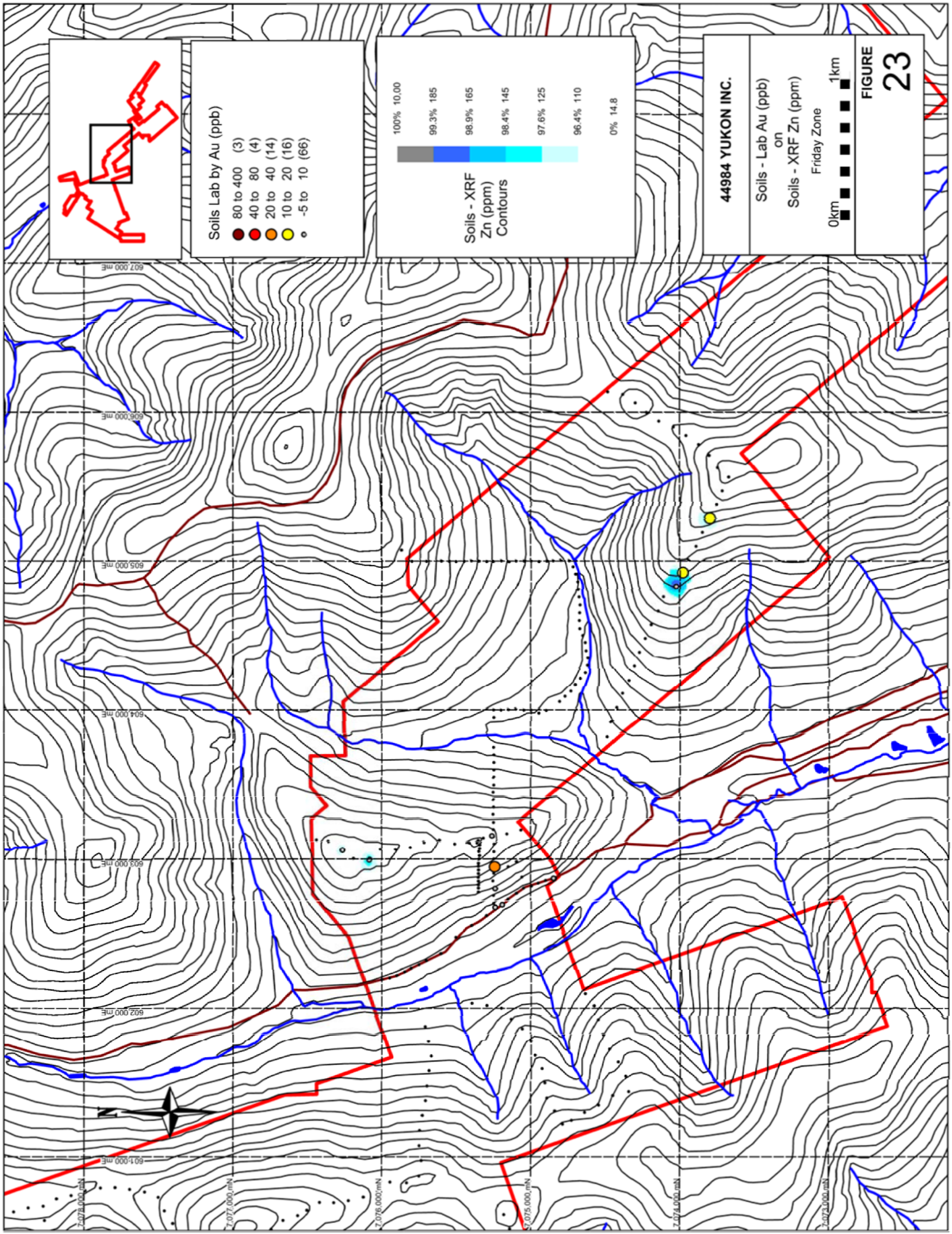


Figure 23: Kate Project – Friday Zone Soil Sample Results Zn XRF and Au Chemical Assays

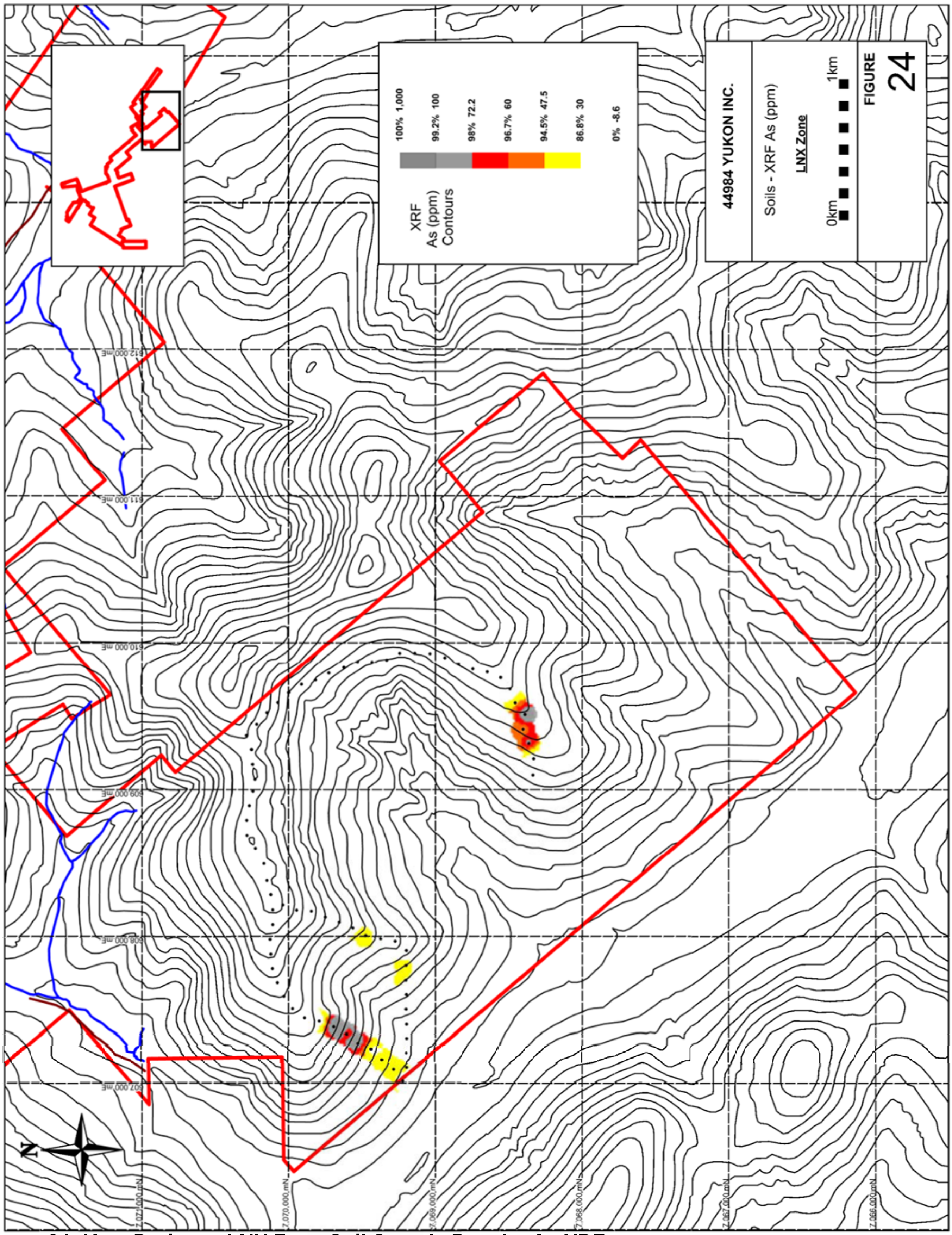


Figure 24: Kate Project – LNX Zone Soil Sample Results As XRF

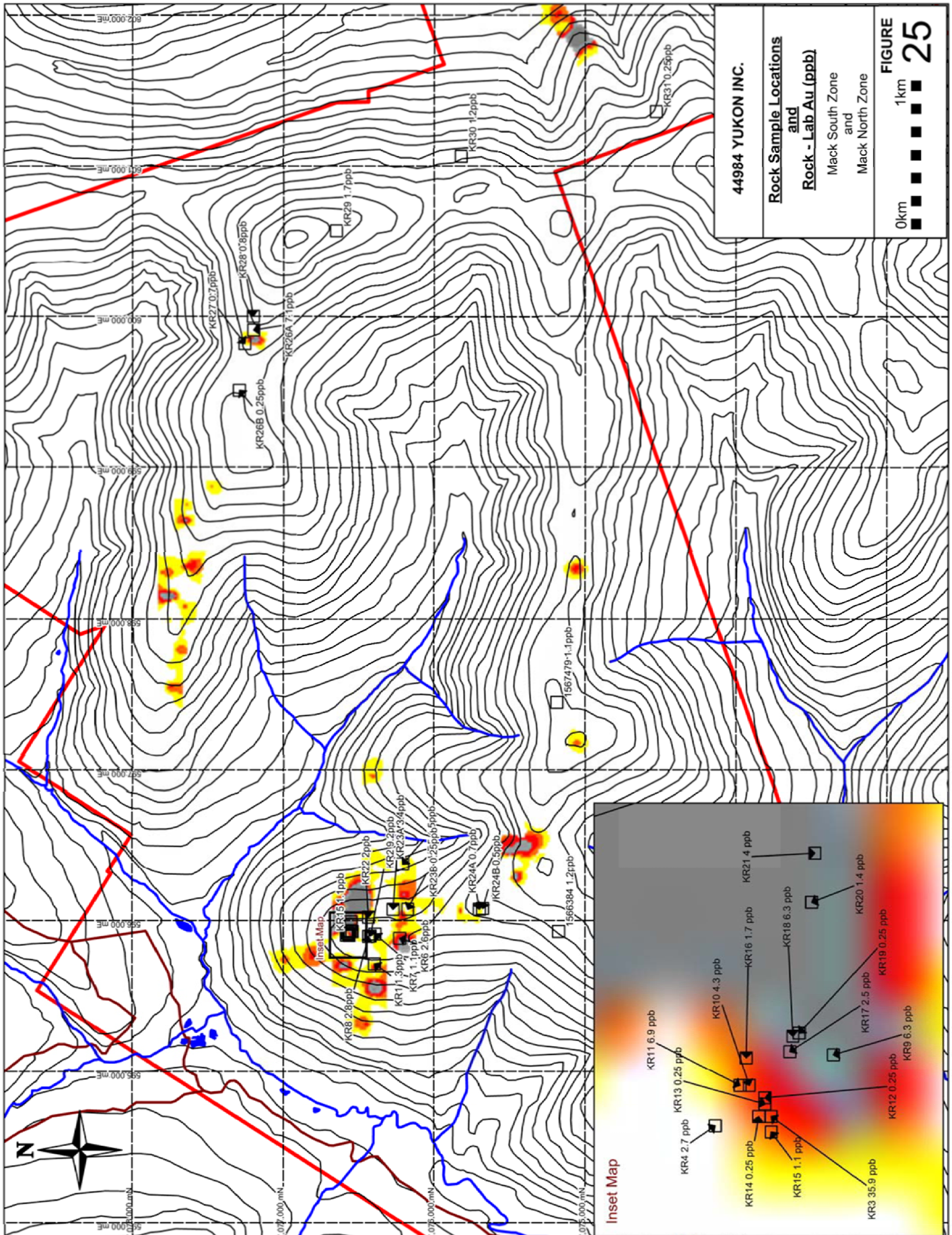


Figure 25: Kate Project – Mack Zone Rock Sample Locations – Chemical Assays Au

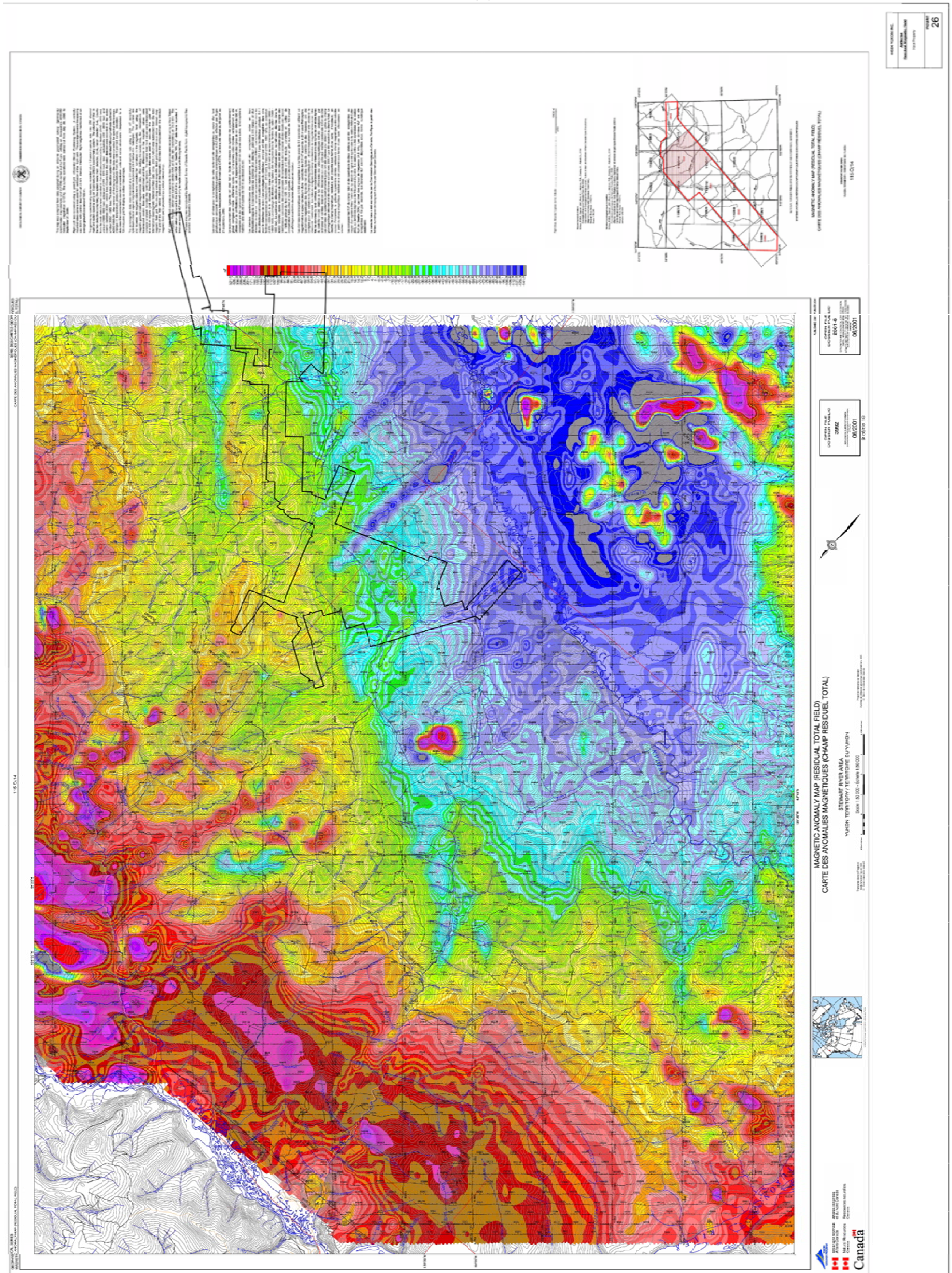


Figure 26: Kate Project – Residual Total Field Magnetic Anomaly Map – after OF 2001-8

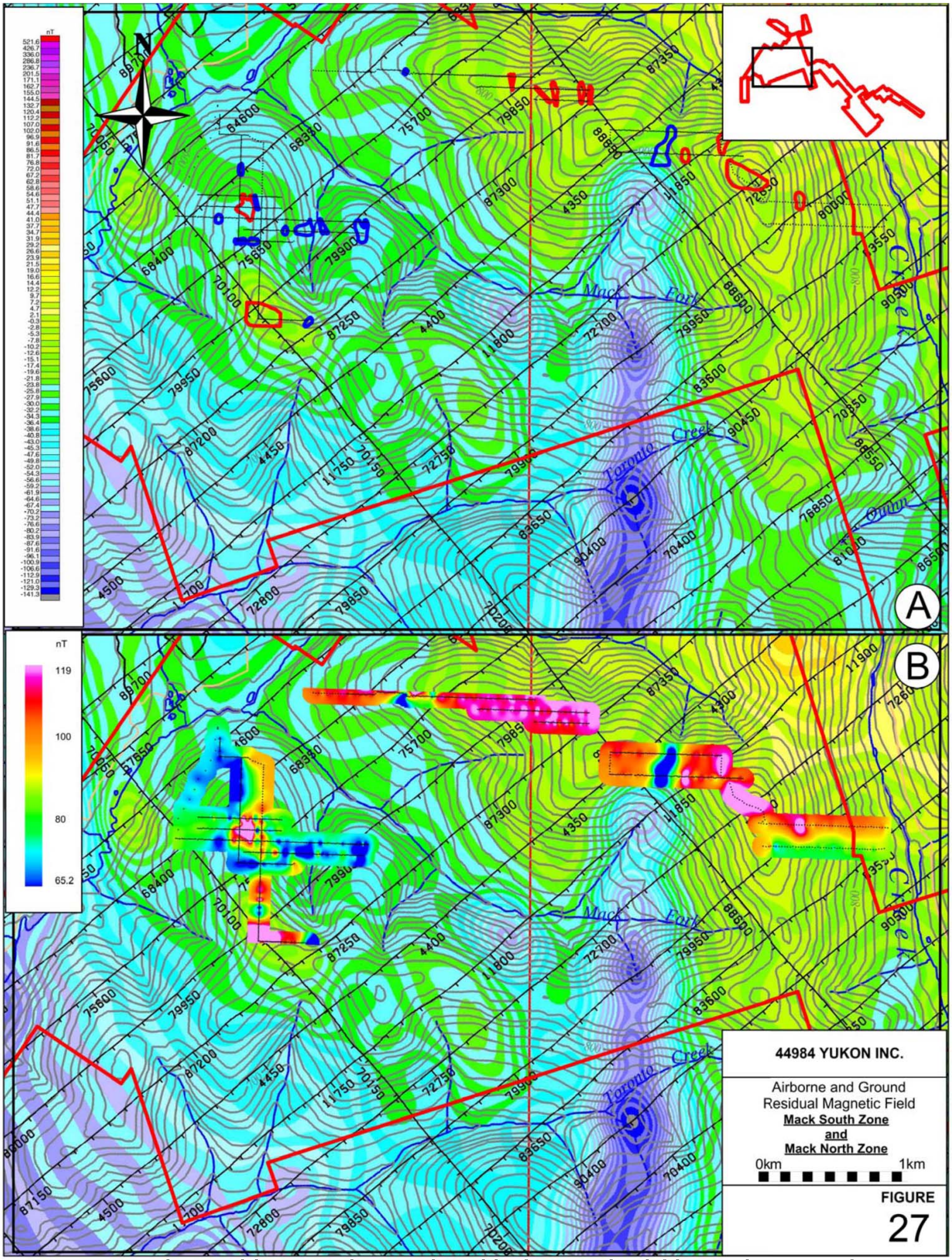


Figure 27: Kate Project – Airborne and Ground Residual Magnetic Field – Mack Zone – after OF 2001-8

9.0 DISCUSSION AND CONCLUSIONS

The 2015 Kate Project mineral exploration program was successful in completing the first systematic, Property-wide soil reconnaissance survey the Property has seen. The 2 phase geological, geochemical and geophysical program identified 5 distinct soil anomaly (predominantly base metals) targets which warrant follow-up and soil grid expansion and potentially targeted trench programs.

XRF Instrumentation proved to be a reliable exploration tool for identification of potentially mineralized structures and should be utilized to augment all exploration going forward on the Kate Project. Moreover, ground magnetic surveys also were demonstrated to be a useful exploration tool towards the identification of structural trends and lithological boundaries. In specific, XRF samples reporting Pb and Zn appear to be solid pathfinder elements for Au-in-soils via chemical analyses. Arsenic, does not have a strong correlation to Au-in-soils via chemical assay, and more work on these relationships should be a focus of next-step exploration.

Follow-up soils surveys should focus on determination of soil profiles on each of the target areas and utilize a powered auger to increase sample collection depth – this will allow for the review of sample depth in relation to element analysis.

Targeted follow-up exploration work by systematic soils and rock sampling programs involving access construction, extended and in-fill soil sampling, trenching is warranted; particularly on the Mack and Friday Creek Zones.

Continued, ridge and spur based soil geochemical surveys across the Property are strongly encouraged as there is high potential to discover additional mineralized zones and structures. Particular attention should be paid to the large, consistent, magnetic low identified from previous airborne surveys of the district – and this interpreted structure should be a the focus of first-pass soils XRF initiatives.

The Kate Project lies within an area well known for placer gold deposits, the lode source of which has never been determined, and as such, offers an intriguing Project for prospecting and more advanced mineral exploration programs. The 2015 program has begun, baseline type data collection for the Project area, and in the process has defined multiple soil anomalies which require further exploration.

10.0 RECOMMENDATIONS

- A follow-up program of grid based soil sampling to extend the Mack Zone soil anomaly discovery and grids to the North, East, West and South on 50m spaced lines on 25 m centres.
- Target regional airborne magnetics low that transects the centre of the Project with soils and ground based magnetics to delineate mineralization potential of linear
- Follow-up Friday Creek Zone base metals anomalies with tight soils grid and ground prospecting
- Continued usage of XRF Instrumentation as exploration tool
- Power auger soil sampling program (full soil profile analysis) – correlation to hand auger results
- Future geochemical programs should focus on lead and zinc as a primary vector to Au mineralization along with Au geochemistry and to a lesser extent As
- Petrographic analysis of collected hand samples with sulphide mineralization
- Detailed review of soil transport directions on targets areas – downslope/cross slope movement
- Property wide Terrain Suitability Analysis (with soils compilation analysis)
- Reinterpretation of structures from the available airborne datasets
- Ground Magnetics (Mack Zone) grid extensions and full 2015 anomaly grid coverage
- Access construction – exploration trails (quad) for Mack Zone ingress
- Completion of Ridge and Spur style exploration of remaining portions of project

Respectfully submitted,

Paul D. Gray, P.Geo.
Vancouver, British Columbia
January 15, 2015

PROFESSIONAL
PROVINCE OF
P. D. GRAY
29833
BRITISH COLUMBIA
GEOSCIENTIST

Appendix 1: References

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Appendix 2: Statement of Expenditures

STATEMENT OF EXPENDITURES
KATE PROJECT
July 10-September 6, 2015

Salaries:

J. Thom	19 days @ $350/day	Soil Tech	$6,650.00
J. McLaughlin	10 days @ $350/day	Soil Tech	$3,500.00
P. Gray	4 days @ $500/day	Geologist	$2,050.00
H. Kuikka	9 days @ $275/day	Geologist	$2,475.00
J.S & T Christie/	12 days @ $500/day	Geologist	$6,000.00
D. Christie	19 P/T days @ $150/day	First Aid/ Camp/Logis.	$2,850.00
	Total Salaries		**$ 23,525.00**
Claim Staking – 17 claims			$ 948.50
Travel (in Yukon)	Vehicles, Flights, Fuel, Hotels, etc.		**$ 6,279.57**
Analytical (Bureau Veritas – 951 samples)			**$ 5,123.90**
Camp/Daily Field Expenses	66 person days @ $100.00/day		**$ 6,600.00**
Contractors/Equipment Rentals			
XRF rental			2,990.00
Mag			200.00
Report Writing – Printing/Graphics/Plots	5 days @ $500.00/day		**$2,500.00**

TOTAL COSTS $48,166.97

Appendix 3: Claim Data

Appendix 3 - Kate Project Claim Data						
	Grant Number	Claim Name	Claim Nbr	Claim Owner	Claim Expiry Date	NTS Map Number
1	YD93189	Eye	1	Tara Christie - 100%	10/29/2015	115O15
2	YD93190	Eye	2	Tara Christie - 100%	10/29/2015	115O15
3	YD93191	Eye	3	Tara Christie - 100%	10/29/2015	115O15
4	YD93192	Eye	4	Tara Christie - 100%	10/29/2015	115O15
5	YD93159	Eye	7	Tara Christie - 100%	10/21/2015	115O15
6	YD93160	Eye	8	Tara Christie - 100%	10/21/2015	115O15
7	YD93161	Eye	9	Tara Christie - 100%	10/21/2015	115O15
8	YD93162	Eye	10	Tara Christie - 100%	10/29/2015	115O15
9	YD93163	Eye	11	Tara Christie - 100%	10/29/2015	115O15
10	YD93164	Eye	12	Tara Christie - 100%	10/29/2015	115O15
11	YD93165	Eye	13	Tara Christie - 100%	10/29/2015	115O15
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15	YD93169	Eye	17	Tara Christie - 100%	10/29/2015	115O15
16	YD93170	Eye	18	Tara Christie - 100%	10/29/2015	115O15
17	YD93171	Eye	19	Tara Christie - 100%	10/29/2015	115O15
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28	YD93181	Eye	31	Tara Christie - 100%	10/29/2015	115O15
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31	YD93186	Eye	34	Tara Christie - 100%	10/29/2015	115O15
32	YD93185	Eye	35	Tara Christie - 100%	10/29/2015	115O15
33	YD93188	Eye	36	Tara Christie - 100%	10/29/2015	115O15
34	YD93187	Eye	37	Tara Christie - 100%	10/29/2015	115O15
35	YD93153	Eye	39	Tara Christie - 100%	10/29/2015	115O10
36	YD93154	Eye	40	Tara Christie - 100%	10/29/2015	115O10
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38	YD93156	Eye	42	Tara Christie - 100%	10/29/2015	115O10
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41	YD93195	Eye	51	Tara Christie - 100%	10/29/2015	115O15

42	YD12181	SB	7	Tara Christie - 100%	10/8/2016	115O14
43	YD12180	SB	8	Tara Christie - 100%	10/8/2016	115O14
44	YD93219	SD	19	Tara Christie - 100%	10/8/2015	115O15
45	YD93220	SD	20	Tara Christie - 100%	10/8/2015	115O15
46	YD93263	SD	51	Tara Christie - 100%	10/8/2015	115O15
47	YD93264	SD	52	Tara Christie - 100%	10/8/2015	115O15
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52	YD93121	SD	95	Tara Christie - 100%	10/29/2015	115O14
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73	YC98313	WJK	140	Tara Christie - 100%	10/29/2015	115O15
74	YD93301	WJK	143	Tara Christie - 100%	10/29/2015	115O15
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83	YF47330	K12		Tara Christie - 100%	9/11/2016	
84	YF47331	K13		Tara Christie - 100%	9/11/2016	
85	YF47332	K14		Tara Christie - 100%	9/11/2016	
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87	YF47334	K16		Tara Christie - 100%	9/11/2016	
88	YF47335	K17		Tara Christie - 100%	9/11/2016	

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108	YD62613	LNX	3	Tara Christie - 100%	12/16/2015	115O10
109	YD62614	LNX	4	Tara Christie - 100%	12/16/2015	115O10
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133	YD62638	LNX	28	Tara Christie - 100%	12/16/2015	115O10
134	YD62639	LNX	29	Tara Christie - 100%	12/16/2015	115O10
135	YD62640	LNX	30	Tara Christie - 100%	12/16/2015	115O10

136	YD62641	LNX	31	Tara Christie - 100%	12/16/2015	115O10
137	YD62642	LNX	32	Tara Christie - 100%	12/16/2015	115O10
138	YD62643	LNX	33	Tara Christie - 100%	12/16/2015	115O10
139	YD62644	LNX	34	Tara Christie - 100%	12/16/2015	115O10
140	YD62645	LNX	35	Tara Christie - 100%	12/16/2015	115O10
141	YD62646	LNX	36	Tara Christie - 100%	12/16/2015	115O10
142	YD62647	LNX	37	Tara Christie - 100%	12/16/2015	115O10
143	YD62648	LNX	38	Tara Christie - 100%	12/16/2015	115O10
144	YD62649	LNX	39	Tara Christie - 100%	12/16/2015	115O10
145	YD62650	LNX	40	Tara Christie - 100%	12/16/2015	115O10
146	YD62651	LNX	41	Tara Christie - 100%	12/16/2015	115O10
147	YD62652	LNX	42	Tara Christie - 100%	12/16/2015	115O10
148	YD62653	LNX	43	Tara Christie - 100%	12/16/2015	115O10
149	YD62654	LNX	44	Tara Christie - 100%	12/16/2015	115O10
150	YD62655	LNX	45	Tara Christie - 100%	12/16/2015	115O10
151	YD62656	LNX	46	Tara Christie - 100%	12/16/2015	115O10
152	YD62657	LNX	47	Tara Christie - 100%	12/16/2015	115O10
153	YD62659	LNX	49	Tara Christie - 100%	12/16/2015	115O10
154	YD62661	LNX	51	Tara Christie - 100%	12/16/2015	115O10
155	YD62662	LNX	52	Tara Christie - 100%	12/16/2015	115O10
156	YD62663	LNX	53	Tara Christie - 100%	12/16/2015	115O10
157	YD62664	LNX	54	Tara Christie - 100%	12/16/2015	115O10
158	YD62665	LNX	55	Tara Christie - 100%	12/16/2015	115O10
159	YD62666	LNX	56	Tara Christie - 100%	12/16/2015	115O10
160	YD62667	LNX	57	Tara Christie - 100%	12/16/2015	115O10
161	YD62668	LNX	58	Tara Christie - 100%	12/16/2015	115O10
162	YD62669	LNX	59	Tara Christie - 100%	12/16/2015	115O10
163	YD62670	LNX	60	Tara Christie - 100%	12/16/2015	115O10
164	YD62671	LNX	61	Tara Christie - 100%	12/16/2015	115O10
165	YD62672	LNX	62	Tara Christie - 100%	12/16/2015	115O10
166	YD62673	LNX	63	Tara Christie - 100%	12/16/2015	115O10
167	YD62674	LNX	64	Tara Christie - 100%	12/16/2015	115O10
168	YD62675	LNX	65	Tara Christie - 100%	12/16/2015	115O10
169	YC98295	LNX	75	Tara Christie - 100%	10/8/2016	115O15
170	YC98296	LNX	76	Tara Christie - 100%	10/8/2016	115O15
171	YC98297	LNX	77	Tara Christie - 100%	10/8/2016	115O15
172	YC98298	LNX	78	Tara Christie - 100%	10/8/2016	115O15
173	YD12101	LNX	79	Tara Christie - 100%	10/8/2016	115O15
174	YD12102	LNX	80	Tara Christie - 100%	10/8/2016	115O15
175	YD93297	LNX	81	Tara Christie - 100%	10/8/2016	115O15
176	YD93298	LNX	82	Tara Christie - 100%	10/8/2016	115O15
177	YD93299	LNX	83	Tara Christie - 100%	10/8/2016	115O15
178	YD93101	LNX	84	Tara Christie - 100%	10/8/2016	115O15
179	YD93102	LNX	85	Tara Christie - 100%	10/8/2016	115O15
180	YD93103	LNX	86	Tara Christie - 100%	10/8/2016	115O15
181	YD93104	LNX	87	Tara Christie - 100%	10/8/2016	115O15
182	YD93105	LNX	88	Tara Christie - 100%	10/8/2016	115O15

183	YD93107	LNX	89	Tara Christie - 100%	10/8/2016	115O15
184	YD93106	LNX	90	Tara Christie - 100%	10/8/2016	115O15
185	YD93109	LNX	91	Tara Christie - 100%	10/8/2016	115O15
186	YD93108	LNX	92	Tara Christie - 100%	10/8/2016	115O15
187	YD93110	LNX	93	Tara Christie - 100%	10/8/2016	115O15
188	YD12175	SB	1	Tara Christie - 100%	10/8/2016	115O14
189	YD12174	SB	2	Tara Christie - 100%	10/8/2016	115O14
190	YD12177	SB	3	Tara Christie - 100%	10/8/2016	115O14
191	YD12176	SB	4	Tara Christie - 100%	10/8/2016	115O14
192	YD12179	SB	5	Tara Christie - 100%	10/8/2016	115O14
193	YD12178	SB	6	Tara Christie - 100%	10/8/2016	115O14
194	YD12183	SB	9	Tara Christie - 100%	10/8/2016	115O14
195	YD12182	SB	10	Tara Christie - 100%	10/8/2016	115O14
196	YD12185	SB	11	Tara Christie - 100%	10/8/2016	115O14
197	YD12184	SB	12	Tara Christie - 100%	10/8/2016	115O14
198	YD12187	SB	13	Tara Christie - 100%	10/8/2016	115O14
199	YD12186	SB	14	Tara Christie - 100%	10/8/2016	115O14
200	YD12188	SB	16	Tara Christie - 100%	10/8/2016	115O14
201	YD12189	SB	17	Tara Christie - 100%	10/8/2016	115O14
202	YD12190	SB	18	Tara Christie - 100%	10/8/2016	115O14
203	YD12191	SB	19	Tara Christie - 100%	10/8/2016	115O14
204	YD12192	SB	40	Tara Christie - 100%	10/8/2016	115O14
205	YD12193	SB	41	Tara Christie - 100%	10/8/2016	115O14
206	YD12194	SB	42	Tara Christie - 100%	10/8/2016	115O14
207	YD12195	SB	43	Tara Christie - 100%	10/8/2016	115O14
208	YD12196	SB	44	Tara Christie - 100%	10/8/2016	115O14
209	YD12197	SB	45	Tara Christie - 100%	10/8/2016	115O14
210	YD12198	SB	46	Tara Christie - 100%	10/8/2016	115O14
211	YD12199	SB	47	Tara Christie - 100%	10/8/2016	115O14
212	YD93236	SB	70	Tara Christie - 100%	10/8/2016	115O15
213	YD93237	SB	71	Tara Christie - 100%	10/8/2016	115O15
214	YD93238	SB	72	Tara Christie - 100%	10/8/2016	115O15
215	YD93239	SB	73	Tara Christie - 100%	10/8/2016	115O15
216	YD93240	SB	74	Tara Christie - 100%	10/8/2016	115O15
217	YD93241	SB	75	Tara Christie - 100%	10/8/2016	115O15
218	YD93242	SB	76	Tara Christie - 100%	10/8/2015	115O15
219	YD93243	SB	77	Tara Christie - 100%	10/8/2015	115O15
220	YD93245	SB	78	Tara Christie - 100%	10/8/2015	115O15
221	YD93244	SB	79	Tara Christie - 100%	10/8/2015	115O15
222	YD93138	SB	80	Tara Christie - 100%	10/8/2016	115O15
223	YD12200	SB	81	Tara Christie - 100%	10/8/2016	115O15
224	YD93139	SB	81	Tara Christie - 100%	10/8/2016	115O15
225	YD93140	SB	82	Tara Christie - 100%	10/8/2016	115O15
226	YD93141	SB	83	Tara Christie - 100%	10/8/2016	115O15
227	YD93142	SB	84	Tara Christie - 100%	10/8/2016	115O15
228	YD93143	SB	85	Tara Christie - 100%	10/8/2016	115O15
229	YD93144	SB	86	Tara Christie - 100%	10/8/2016	115O15

230	YD93152	SB	100	Tara Christie - 100%	10/29/2015	115O14
231	YD93201	SD	1	Tara Christie - 100%	10/8/2015	115O15
232	YD93202	SD	2	Tara Christie - 100%	10/8/2015	115O15
233	YD93203	SD	3	Tara Christie - 100%	10/8/2015	115O15
234	YD93204	SD	4	Tara Christie - 100%	10/8/2015	115O15
235	YD93205	SD	5	Tara Christie - 100%	10/8/2015	115O15
236	YD93206	SD	6	Tara Christie - 100%	10/8/2015	115O15
237	YD93207	SD	7	Tara Christie - 100%	10/8/2015	115O15
238	YD93208	SD	8	Tara Christie - 100%	10/8/2015	115O15
239	YD93209	SD	9	Tara Christie - 100%	10/8/2015	115O15
240	YD93210	SD	10	Tara Christie - 100%	10/8/2015	115O15
241	YD93211	SD	11	Tara Christie - 100%	10/8/2015	115O15
242	YD93212	SD	12	Tara Christie - 100%	10/8/2015	115O15
243	YD93213	SD	13	Tara Christie - 100%	10/8/2015	115O15
244	YD93214	SD	14	Tara Christie - 100%	10/8/2015	115O15
245	YD93215	SD	15	Tara Christie - 100%	10/8/2015	115O15
246	YD93216	SD	16	Tara Christie - 100%	10/8/2015	115O15
247	YD93217	SD	17	Tara Christie - 100%	10/8/2015	115O15
248	YD93218	SD	18	Tara Christie - 100%	10/8/2015	115O15
249	YD93233	SD	23	Tara Christie - 100%	10/8/2015	115O15
250	YD93234	SD	24	Tara Christie - 100%	10/8/2015	115O15
251	YD93235	SD	25	Tara Christie - 100%	10/8/2015	115O15
252	YD93224	SD	26	Tara Christie - 100%	10/8/2016	115O14
253	YD93223	SD	27	Tara Christie - 100%	10/8/2016	115O14
254	YD93226	SD	28	Tara Christie - 100%	10/8/2016	115O14
255	YD93225	SD	29	Tara Christie - 100%	10/8/2016	115O14
256	YD93228	SD	30	Tara Christie - 100%	10/8/2015	115O15
257	YD93227	SD	31	Tara Christie - 100%	10/8/2015	115O15
258	YD93230	SD	32	Tara Christie - 100%	10/8/2015	115O15
259	YD93229	SD	33	Tara Christie - 100%	10/8/2015	115O15
260	YD93232	SD	34	Tara Christie - 100%	10/8/2015	115O15
261	YD93231	SD	35	Tara Christie - 100%	10/8/2015	115O15
262	YD93246	SD	37	Tara Christie - 100%	10/8/2015	115O15
263	YD93252	SD	40	Tara Christie - 100%	10/8/2015	115O15
264	YD93253	SD	41	Tara Christie - 100%	10/8/2015	115O15
265	YD93254	SD	42	Tara Christie - 100%	10/8/2015	115O15
266	YD93255	SD	43	Tara Christie - 100%	10/8/2015	115O15
267	YD93256	SD	44	Tara Christie - 100%	10/8/2015	115O15
268	YD93257	SD	45	Tara Christie - 100%	10/8/2015	115O15
269	YD93258	SD	46	Tara Christie - 100%	10/8/2015	115O15
270	YD93259	SD	47	Tara Christie - 100%	10/8/2015	115O15
271	YD93260	SD	48	Tara Christie - 100%	10/8/2015	115O15
272	YD93261	SD	49	Tara Christie - 100%	10/8/2015	115O15
273	YD93262	SD	50	Tara Christie - 100%	10/8/2015	115O15
274	YD93265	SD	53	Tara Christie - 100%	10/8/2015	115O15
275	YD93135	SD	55	Tara Christie - 100%	10/8/2015	115O15
276	YD93137	SD	57	Tara Christie - 100%	10/8/2015	115O15

277	YD93266	SD	58	Tara Christie - 100%	10/8/2015	115O15
278	YD93269	SD	61	Tara Christie - 100%	10/8/2015	115O15
279	YD93270	SD	62	Tara Christie - 100%	10/8/2015	115O15
280	YD93271	SD	63	Tara Christie - 100%	10/8/2015	115O15
281	YD93272	SD	64	Tara Christie - 100%	10/29/2015	115O14
282	YD93273	SD	65	Tara Christie - 100%	10/29/2015	115O14
283	YD93274	SD	66	Tara Christie - 100%	10/29/2015	115O14
284	YD93275	SD	67	Tara Christie - 100%	10/29/2015	115O14
285	YD93276	SD	68	Tara Christie - 100%	10/29/2015	115O14
286	YD93277	SD	69	Tara Christie - 100%	10/29/2015	115O14
287	YD93278	SD	70	Tara Christie - 100%	10/29/2015	115O14
288	YD93279	SD	71	Tara Christie - 100%	10/29/2015	115O14
289	YD93280	SD	72	Tara Christie - 100%	10/29/2015	115O14
290	YD93281	SD	73	Tara Christie - 100%	10/29/2015	115O14
291	YD93130	SD	74	Tara Christie - 100%	10/29/2015	115O14
292	YD93129	SD	75	Tara Christie - 100%	10/29/2015	115O14
293	YD93132	SD	76	Tara Christie - 100%	10/29/2015	115O14
294	YD93131	SD	77	Tara Christie - 100%	10/29/2015	115O14
295	YD93134	SD	78	Tara Christie - 100%	10/29/2015	115O14
296	YD93133	SD	79	Tara Christie - 100%	10/29/2015	115O14
297	YD93282	SD	80	Tara Christie - 100%	10/8/2015	115O15
298	YD93283	SD	81	Tara Christie - 100%	10/8/2015	115O15
299	YD93284	SD	82	Tara Christie - 100%	10/8/2015	115O15
300	YD93285	SD	83	Tara Christie - 100%	10/8/2015	115O15
301	YD93286	SD	84	Tara Christie - 100%	10/8/2015	115O15
302	YD93287	SD	85	Tara Christie - 100%	10/29/2015	115O14
303	YD93288	SD	86	Tara Christie - 100%	10/29/2015	115O14
304	YD93289	SD	87	Tara Christie - 100%	10/8/2015	115O15
305	YD93290	SD	88	Tara Christie - 100%	10/8/2015	115O15
306	YD93291	SD	89	Tara Christie - 100%	10/8/2015	115O15
307	YD93292	SD	90	Tara Christie - 100%	10/8/2015	115O15
308	YD93293	SD	91	Tara Christie - 100%	10/8/2015	115O15
309	YD93294	SD	92	Tara Christie - 100%	10/8/2015	115O15
310	YD93295	SD	93	Tara Christie - 100%	10/29/2015	115O14
311	YD93122	SD	96	Tara Christie - 100%	10/29/2015	115O14
312	YD93123	SD	97	Tara Christie - 100%	10/29/2015	115O14
313	YD93124	SD	98	Tara Christie - 100%	10/29/2015	115O14
314	YD93125	SD	99	Tara Christie - 100%	10/29/2015	115O14
315	YD93126	SD	100	Tara Christie - 100%	10/29/2015	115O14
316	YD93127	SD	101	Tara Christie - 100%	10/29/2015	115O14
317	YD93128	SD	102	Tara Christie - 100%	10/29/2015	115O14
318	YC98327	SD	193	Tara Christie - 100%	10/29/2016	115O14
319	YC98328	SD	194	Tara Christie - 100%	10/29/2016	115O14
320	YC98325	SD	195	Tara Christie - 100%	10/29/2016	115O14
321	YC98326	SD	196	Tara Christie - 100%	10/29/2016	115O14
322	YC98323	SD	197	Tara Christie - 100%	10/29/2016	115O14
323	YC98324	SD	198	Tara Christie - 100%	10/29/2016	115O14

324	YC98321	SD	199	Tara Christie - 100%	10/29/2016	115O14
325	YC98322	SD	200	Tara Christie - 100%	10/29/2016	115O14
326	YD12103	WJK	1	Tara Christie - 100%	10/8/2015	115O15
327	YD12105	WJK	3	Tara Christie - 100%	10/8/2015	115O15
328	YD12107	WJK	5	Tara Christie - 100%	10/8/2015	115O15
329	YD12109	WJK	7	Tara Christie - 100%	10/8/2016	115O15
330	YD12111	WJK	9	Tara Christie - 100%	10/8/2015	115O15
331	YD12113	WJK	11	Tara Christie - 100%	10/8/2015	115O15
332	YD12115	WJK	13	Tara Christie - 100%	10/8/2015	115O15
333	YD12117	WJK	15	Tara Christie - 100%	10/8/2015	115O15
334	YD12119	WJK	17	Tara Christie - 100%	10/8/2015	115O15
335	YD12121	WJK	19	Tara Christie - 100%	10/8/2015	115O15
336	YD12123	WJK	21	Tara Christie - 100%	10/8/2016	115O15
337	YD12161	WJK	23	Tara Christie - 100%	10/8/2016	115O14
338	YD12163	WJK	25	Tara Christie - 100%	10/8/2016	115O14
339	YD12168	WJK	28	Tara Christie - 100%	10/8/2016	115O14
340	YD12169	WJK	29	Tara Christie - 100%	10/8/2016	115O14
341	YD12171	WJK	31	Tara Christie - 100%	10/8/2016	115O14
342	YD12167	WJK	32	Tara Christie - 100%	10/8/2016	115O14
343	YD12173	WJK	33	Tara Christie - 100%	10/8/2016	115O14
344	YD12172	WJK	34	Tara Christie - 100%	10/8/2016	115O14
345	YD93112	WJK	36	Tara Christie - 100%	10/8/2016	115O14
346	YD93114	WJK	38	Tara Christie - 100%	10/8/2016	115O14
347	YD93113	WJK	39	Tara Christie - 100%	10/8/2016	115O14
348	YD93116	WJK	40	Tara Christie - 100%	10/8/2016	115O14
349	YD93115	WJK	41	Tara Christie - 100%	10/8/2016	115O14
350	YD93118	WJK	42	Tara Christie - 100%	10/8/2016	115O14
351	YD93117	WJK	43	Tara Christie - 100%	10/8/2016	115O14
352	YD93120	WJK	44	Tara Christie - 100%	10/8/2016	115O14
353	YD93119	WJK	45	Tara Christie - 100%	10/8/2016	115O14

Appendix 4: Compiled Tabulated Results -

Soils XRF

Appendix 4: Kate Project - Compiled Tabulated Results - Soils XRF

Sample	Easting NAD83 Z7	Northing NAD83 Z7	Date	Depth (cm)	Color	Moisture	Horizon	Mode	P	S	Cl	K	Ca	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	As	Se	Rb	Sr	Y	Zr	Mo	Ag	Cd	Sn	Sb	W	Au	Hg	Pb	Bi	Th	U
									ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1567301	600141	7080242	7/11/2015	30	LB	DAMP	B	Soil	ld	ld	68	11731	8059	4441	1833	60	799	53967	512	ld	65	50	3.1	0.6	38.9	71.5	1277	95	ld	ld	0	3	ld	2	0.5	1.1	6.8	40	127	11
285131	599550	7077299	9/6/2015	40	LB	DAMP	B	Soil	ld	104	358	27960	604	5268	2347	161	428	34908	327	6	23	98	15.3	0.3	87.6	25.2	865	167	ld	0	0	15	ld	4	ld	2.1	9.8	31	150	49
385101	603950	7075250	9/5/2015	35	LB	DAMP	B	Soil	ld	520	441	6256	10586	2750	974	61	649	25479	115	7	17	44	6.2	ld	30.1	113	770	141	0.5	ld	0	ld	ld	6	ld	0	8.6	ld	204	17
385102	603750	7075252	9/5/2015	40	LB	DAMP	B	Soil	ld	126	431	12954	7504	3487	1490	108	326	27221	231	ld	15	54	14.9	0.1	53.6	98	809	188	ld	2	0	20	ld	10	ld	1.4	10.2	ld	204	66
385103	603700	7075250	9/5/2015	40	LB	DAMP	B	Soil	ld	184	365	12060	8066	3602	1397	82	328	24435	225	8	19	56	12.1	ld	52.6	111	1137	203	ld	ld	6	ld	ld	1	1.8	ld	12.6	ld	174	44
385104	603649	7075250	9/5/2015	25	LB	DAMP	B	Soil	ld	ld	450	11706	8808	3578	1434	102	395	24070	167	15	21	54	11.2	0.5	49.7	114	879	184	ld	ld	0	ld	9	10	ld	0.5	12.9	6	177	55
385105	603599	7075250	9/5/2015	35	LB	DAMP	B	Soil	ld	114	259	12212	8096	3483	1495	88	340	25219	142	12	16	55	12.5	0.2	51.8	114	861	190	ld	0	6	7	ld	ld	4.8	1.4	12.5	ld	214	7
385106	603551	7075250	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	213	20845	4287	5115	2710	256	674	37980	282	30	30	86	22.9	1.2	65.6	60	1214	170	3.8	1	ld	9	ld	6	ld	1.8	12.6	33	215	22
385107	603497	7075247	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	512	11860	8653	3530	1492	87	404	25227	172	8	21	52	13.9	0.5	49.6	123	916	195	0.7	ld	ld	17	2	7	ld	0.3	9.5	ld	206	ld
385108	603447	7075251	9/5/2015	40	B	WET	B	Soil	ld	254	528	12860	8528	3586	1479	96	362	25160	250	ld	20	56	12	ld	57.4	116	848	196	ld	ld	ld	18	ld	6	ld	0.6	11.5	1	124	15
385109	603400	7075252	9/5/2015	40	LB	DRY	B	Soil	ld	310	394	12658	7004	3850	1512	108	370	27744	137	17	13	52	11.1	ld	58.5	97	711	179	ld	2	2	14	ld	19	ld	ld	10.9	ld	150	37
385110	603348	7075248	9/5/2015	25	LB	DAMP	B	Soil	ld	108	288	20627	8436	4047	2190	135	416	31728	230	16	24	67	8.1	ld	80.6	91	884	173	ld	ld	ld	4	ld	1	ld	4.9	15.3	ld	200	26
385111	603299	7075252	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	329	13090	9377	3873	1690	99	404	31286	244	19	24	65	15.2	0.9	60	124	921	209	0.8	0	ld	18	0	ld	4	7.7	10.6	ld	199	17
385112	603248	7075249	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	350	11698	9151	4022	1471	93	387	32602	212	12	27	64	16.6	ld	54	123	871	189	0.1	2	5	8	ld	21	ld	ld	10.2	ld	221	37
385113	603198	7075250	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	398	9285	5827	3817	1170	83	308	29549	271	15	25	51	11.9	ld	54.2	155	965	260	ld	2	6	1	ld	8	ld	ld	14.4	26	187	46
385114	603123	7075351	9/5/2015	40	LB	DAMP	B	Soil	ld	494	240	20956	24121	3923	2384	325	860	40777	177	37	38	100	22.7	0.5	73.3	105	929	144	0.1	ld	2	14	3	19	ld	1.6	11.3	12	210	ld
385115	603097	7075346	9/5/2015	40	LB	DAMP	B	Soil	ld	598	503	12879	11675	4147	1673	116	621	38631	178	23	19	90	19.8	0	60.2	88	706	175	ld	7	15	9	12	7	ld	0.3	8.3	ld	107	ld
385116	603072	7075346	9/5/2015	35	LB	DAMP	B	Soil	7	ld	358	11054	9976	4371	1581	94	901	32114	157	8	13	88	24.8	ld	68.5	120	998	219	ld	0	ld	12	7	8	ld	0.8	10.2	ld	189	23
385117	603051	7075351	9/5/2015	45	LB	DAMP	B	Soil	ld	505	362	7497	6506	3705	969	69	1402	23975	204	ld	11	59	12.4	0.9	38.2	113	782	221	ld	3	ld	10	4	7	ld	0	8	ld	122	42
385118	603023	7075347	9/5/2015	35	LB	DAMP	B	Soil	ld	130	305	16543	12246	4280	2153	111	700	40752	232	23	34	84	24.1	0.1	73.2	111	811	163	0.8	ld	5	13	ld	10	ld	1	10.2	ld	201	5
385119	603000	7075349	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	445	12830	12169	4450	1636	121	638	41206	261	4	26	84	15.4	0.3	59.1	113	876	183	ld	3	11	3	11	8	ld	1.8	12.5	ld	215	44
385120	602972	7075350	9/5/2015	40	LB	DAMP	B	Soil	ld	311	354	16503	14986	4600	2082	130	496	41398	250	21	32	77	32.5	ld	66.2	117	984	161	1.5	ld	9	ld	ld	ld	2	3	14.8	ld	179	38
385121	602951	7075350	9/5/2015	25	LB	DAMP	B	Soil	ld	684	561	14381	9310	3977	1721	110	439	37623	154	19	25	62	27.1	0.3	64.4	105	855	196	0.9	5	3	3	ld	13	ld	2.1	11.6	ld	186	ld
385122	602926	7075349	9/5/2015	35	LB	DAMP	B	Soil	ld	17	366	16430	13971	4368	2111	136	695	40413	322	17	37	95	39	0.6	73.7	97	1067	174	0.7	6	7	14	ld	6	ld	3	14.7	18	210	ld
385123	602901	7075350	9/5/2015	35	B	DAMP	B	Soil	1076	487	322	18046	12691	5123	2414	143	742	40670	204	28	34	81	46	ld	72.1	103	863	176	1.9	ld	3	17	9	19	ld	1.4	11.7	16	208	7
385124	602875	7075351	9/5/2015	40	LB	DAMP	B	Soil	ld	242	390	16920	12324	4290	2190	109	601	35069	229	14	30	74	20.2	0.2	61.3	121	968	156	0.4	0	4	13	4	11	0.3	1.3	8.7	11	237	39
385125	602849	7075350	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	380	10369	7439	3727	1086	72	323	26743	304	ld	21	56	11.6	ld	56.9	152	1033	240	ld	ld	3	6	ld	1	0	1.1	10.4	ld	162	51
385126	602824	7075350	9/5/2015	40	LB	DAMP	B	Soil	ld	26	317	13627	10070	3749	1696	98	460	31244	235	15	24	62	16.3	ld	57.3	125	871	201	0.5	ld	1	6	6	7	ld	1.7	12.1	ld	203	55
385127	602801	7075350	9/5/2015	35	LB	DAMP	B	Soil	ld	473	208	13786	11078	4069	1770	104	455	32039	273	5	23	61	39.4	ld	65.8	89	809	164	ld	ld	ld	23	ld	1	2	4.1	11.9	6	155	23
385128	602774	7075350	9/6/2015	35	LB	DAMP	B	Soil	ld	53	355	10154	10138	3584	1382	79	644	27986	225	2	19	57	21.2	1	52.6	134	840	203	ld	2	0	2	4	23	ld	ld	7.9	5	207	0
385129	599501	7077300	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	396	18957	1582	4745	1837	198	413	35714	258	26	26	65	9.7	1	73	36	957	155	2.5	ld	ld	33	12	14	ld	1.5	9.6	ld	201	ld
385130	599526	7077300	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	261	23139	1256	4132	1990	130	365	30808	152	4	12	60	4.2	ld	69.9	21.4	700	122	ld	ld	8	11	12	ld	ld	0.8	12.9	ld	154	2
385132	599576	7077302	9/6/2015	45	LB	DAMP	B	Soil	ld	13	34	21525	4229	4239	1901	106	323	26884	229	9	22	53	3.9	ld	76.5	80.1	819	207	ld	ld	ld	15	2	8	ld	0.2	15.3	36	216	13
385133	599599	7077300	9/6/2015	45	LB	DAMP	B	Soil	ld	423	178	36036	398	4037	2570	82	462	27198	237	ld	22	67	7.8	0.3	105.3	17.6	1110	227	ld	ld	ld	16	5	5	ld	1.1	27.8	ld	337	71
385134	599627	7077301	9/6/2015	30	LB	DAMP	B	Soil	ld	268	250	41221	288	4650	2883	94	751	32969	294	ld	23	114	29.9	1.1	119.3	20.9	1449	216	ld	ld	0	25	ld	1	2	4.8	30.6	ld	335	16
385135	599650	7077300	9/6/2015	45	LB	DAMP	B	Soil	ld	ld	247	26293	1729	5096	2582	154	757	39729	259	10	32	74	9.9	ld	78.4	24.1	1500	180	ld	1	0	6	3	19	ld	2.8	25.1	ld	217	64
385136	599676	7077299	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	201	42602	813	6621	3928	234	930	51664	295	36	39	106	6.6	ld	113.1	18.4	1704	212	ld	ld	ld	24	0	13	ld	3	18.3	17	328	43
385137	599702	7077301	9/6/2015	50	B	DAMP	B	Soil	ld	ld	196	18700	3172	5113	1904	107	480	40829	284	5	32	71	6	0.7	66.7	64.3	1110	183	ld	2	ld	5	ld	ld	1.8	0.8	15.3	ld	183	55
385138	599726	7077300	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	144	15992	2690	4681	1969	89	424	38304	261	6	22	55	5.7	0	54.9	80.8	836	196	ld	ld	9	ld	0	ld	ld	2.3	12.3	43	235	20
385139	599750	7077297	9/6/2015	45	LB	DAMP	B	Soil	ld	ld	276	24103	4884	5650	2423	90	664	44704	243	11	36	98	9.3	0.2	72.5	45	918	151	1.8	ld	0	16	ld	7	ld	0.7	19.2	21	200	70
385140	600068	7077124	9/6/2015	45	LB	DAMP	B	Soil	ld	ld	275	8915	4853	3375	986	75	241	25212	202	ld	14	35.2	6.6	ld	47.6	109	769	190	1.1	ld	ld	2	9	16	ld	0	12.8	ld	127	57
385141	600156	7077076	9/6/2015	55	LB	DAMP	B	Soil	ld	ld	352	17037	5215	3675	1802	90	427	27684	276	6	18	55	5.5	1.2	60	96	947	190	ld	3	5	19	2	4	ld	ld	10.9	33	181	13
385142	600224	7077003	9/6/2015	35	LB	DAMP	B	Soil	ld	331	292	16270	5899	3852	1775	91	465	29316	163	23	24	76	6.5	0.8	68	108	1071	203	ld	1	1	10	0	3	0.2	1.5	26.6	ld	228	23
385143	600268	7076914	9/6/2015	35	LB	DAMP	B	Soil	ld	33	342	7092	4156	3591	932	60	638	28538	191	ld	13	50	9	ld	47.2	93	658	188	ld	7	6	18	3	0	ld	0.6	17.9	ld	116	ld
385144	600338	7076840	9/6/2015	45	LB	DAMP	B	Soil	ld	ld	347	12376	3918	3702	1218	76	331	30790	290	1	29	65	11.3	1	57.8	103	779	224	ld	ld	2	10	13	0	ld	2.7	13.7	17	172	42
385145	600438	7076806	9/6/2015	35	LB	DAMP	B	Soil	ld	28	349	13322	3908	4318	1496	71	504	35630	215	ld	21	119	13.5	0.2	60.8	82.7	789	210	ld	3	ld	16	ld	5	ld	0.2	30.6	ld	156	27
385146	600513	7076743	9/6/2015	40	LB	DAMP	B	Soil	ld	860	114	16907	2488	3966	1743	71	404	32945	217	7	22	87	20.6	ld	73.1	83.3	830	204	ld	ld	ld	22	ld	5	ld	2.9	48.5	ld	185	57
385147	600572	7076662	9/6/2015	40	LB	DAMP	B	Soil	ld	222	232	32186	ld	5463	3316	86	451	43521	301	ld	18	62	6.3	0.7	100.4	34.3	542	149	ld	ld	3	16	10	9	ld	2.6	15.4	1	106	57
385148	600604	7076565	9/6/2015	25	LB	DAMP	B	Soil	ld	311	28	29690	215	4574	2892	73	392	27239	203	11	34	90	27.2	0.2	87.7	21.7	723	134	ld	3	2	24	3	4	ld	2.2	22.8	ld	216	49
385149	600640	7076502	9/6/2015	35	LB	DAMP	B	Soil	ld	85	159	33792	1048	5222	2624	109	379	34296	198	17	37	71	19.1	1.7	142	18.3	630	169	ld	1	6	12	4	11	ld	2.5	14.7	1	227	1
385150	600693	7076417	9/6/2015	35	LB	DAMP	B	Soil	ld	224	298	20976	4224	4443	2353	109	539	33444	209	25	26	71	4.2	0.1	60.2	45.3	748	126	ld	ld	0	15	ld	12	ld	2.4	14.1	ld	137	37
385151	605073	7075867	9/5/2015	40	LB	DAMP	B	Soil	ld	479	258	25922	5044	7093	2804	61	905	70023	592	ld	77	87	7.4	ld	84.7	66.3	1013	145	ld	ld	ld	17	ld	5	2	ld	9.3	ld	129	34
385152	604999	7075801	9/5/2015	35	LB	DAMP	B	Soil	ld	36	326	13040	9386	3916	1461	44	695	39251	338	ld	36	56	12.6	1.2	50.5	119	1025	209	0.4	0	ld	12	ld	0	ld	2.9	9.4	ld	114	13
385153	604999	7075702	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	318	16456	8811	4620	1600	22	595	48725	404	ld	29	63	9.9	0.4	45	121	982	178	1.4	ld	6	16	ld	1	ld	1.4	6.3	ld	179	ld
385154	605001	7075602	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	294	20250	3186	4485	1537	37	595	43824	288	ld	35	71	4.5	ld	58.4	90	1737	200	ld	1	ld	15	4	8	ld	0.7	12.1	21	158	ld
385155	604999	7075550	9/5/2015	30	LB	DAMP	B	Soil	ld	70	482	12533	5459	4251	1256	46	453	36929	322	ld	26	61	5.6	0.6	45.3	93	991	180	0.3	ld	ld	23	ld	0	ld	2.6	10.6	ld	216	27
385156	604997	7075503	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	312	9233	6835	4166	1008	53	564	34070	293	ld	13	52	6.1	1.2	37.8	106	903	207	ld	ld	ld	11	ld	7	ld	2.9	9.2	ld	134	ld
385157	604999	7075449	9/5/2015	40	LB	DAMP	B	Soil	ld	498	254	11189	8395	3938	1088	40	655	36227	341	ld	23	57	5.3	0.5	35.9	114	957	242	ld	8	8	9	ld	ld	0.8	3.3	10.3	39	173	ld
385158	605002	7075401	9/5/2015	50	B	DAMP	B	Soil	ld	ld	349	9204	7204	3773	1123	64	418	31777	243	0	18	55	7.4	0.6	42.7	135	793	244	1.2	ld	1	13	5	12	ld	0.4	12.2	24	231	ld
385159	605000	7075349	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	546	9444	7434	4623	1222	33	585	38166	319	ld	21	64	7.4	0.4	41.3	130	1105	224	0.9	ld	5	22	19	ld	ld	1.6	10.2	ld	182	21
385160	604998	7075299	9/5/2015	45	LB	DAMP	B	Soil	ld	387	490	11329	7026	4350	1357	42	657	45451	341	ld	37	76	6.1	1	39.8	100	1333	178	ld	1	5	5	8	15	ld	ld	10	22	57	43
385161	604998	7075253	9/5/2015	45	LB	WET	B	Soil	ld	ld	401	9808	7768	4183	1118	63	509	38181	331	ld	26	57	6	0.6	42.8	130	1116	239	ld	ld	4	14	5	7	ld	1.6	14.2	ld	186	ld
385162	605002	7075199	9/5/2015	55	LB	DRY	B	Soil	ld	ld	434	12207	7779	3904	1119	60	495	32850	304	ld	19	49	7.6	0.2	48.1	130	1198	261	ld	ld	3	2	ld	0	ld	2.7	9.3	ld	175	50
385163	604996	7075148	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	239	7042	17301	3617	1274	29	742	52611	441	ld	30	55	2.2	0	27	150	990	174	ld	2	ld	11	3	3	ld	3.4	8.4	ld	144	ld
385164	605001	7075099	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	397	8471	8655	3492	962	52	331	25291	299	ld	21	40	6.8	ld	40.9	171	1101	295	0.5	ld	ld	10	ld	8	ld	3	10	6	201	19
385165	605001	7075048	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	317	9595	9325	3765	1157	51	515	35723	272	ld	25	47	4.6	ld	33.2	133	901	220	ld	ld	4	12	2	11	ld	0.2	10.8	33	162	1
385166	605001	7075000	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	499	10728	11635	4431	1561	41	648	46015	345	ld	30	53	8.2	0.8	35.7	133	1157	180	2.8	ld	ld	3	ld	5	ld	3.6	5.2	ld	160	ld
385167	604997	7074948	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	548	9651	8013	3828	1250	57	484	37597	306	ld	26	48	7.8	ld	41.4	139	1095	232	ld	ld	1	ld	ld	1	1.4	1.5	11.3	ld	162	ld
385168	605000	7074894	9/5/2015	40	LB	DAMP	B	Soil	ld	1	358	9630	8999	4195	1237	56	457	35092	319	4	26	54	9.1	0.7	36.1	142	1040	245	ld	ld	ld	ld	ld	7	ld	0.5	6.5	2	171	43
385169	605002	7074850	9/5/2015	25	LB	DAMP	B	Soil	ld	118	234	9848	8910	4061	1161	57	400	33267	279	ld	33	50	11.4	0.3	47.8	160	1233	257	ld	ld	ld	28	9	7	ld	1.9	9.5	ld	220	6
385170	605005	7074800	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	170	8736	15285	3808	1164	69	421	35418	378	ld	17	45	9	ld	42.1	164	850	238	ld	ld	11	13	ld	8	ld	4	8.3	ld	222	27
385171	605003	7074744	9/5/2015	35	LB	DAMP	B	Soil	ld	559	305	8845	38205	2468	1032	45	835	38081	251	ld	12	47	6.4	ld	29.4	181	674	92	0.2	ld	7	7	ld	18	ld	1.6	1.1	ld	229	16
385172	604962	7074718	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	312	5205	40595	2379	742	38	503	28745	212	ld	12	31.3	5.9	ld	21.9	195	748	92	0.3	ld	ld	ld	5	11	ld	0.3	1.8	ld	41	2
385173	604913	7074701	9/5/2015	40	LB	DAMP	B	Soil	ld	63	515	33303	11083	4732	3362	108	560	31068	254	5	21	81	36.5	0.1	98.6	138	1729	245	ld	2	11	20	19	0	ld	4.8	5.7	ld	367	10
385174	604861	7074688	9/5/2015	40	LB	DAMP	B	Soil	ld	ld	249	20325	3511	2681	1480	37	168	17460	161	ld	14	25.9	17.1	ld	68.4	115	1305	234	ld	ld	0	19	ld	11	ld	2.7	8.4	28	283	61
385175	604809	7074680	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	348	32492	621	3048	1694	41	261	20430	124	2	5	28.4	11.5	0	96.8	27.7	1075	227	ld	ld	3	22	3	2	ld	4	3.8	17	316	44
385176	604759	7074674	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	289	8477	16075	3302	977	60	622	28424	233	1	18	53	5.8	ld	35.3	168	943	216	1.5	1	4	9	4	0	ld	3.2	8.2	1	163	ld
385177	604705	7074667	9/5/2015	35	B	DAMP	B	Soil	ld	ld	233	19327	5822	3363	1601	58	314	23849	174	ld	14	45	5.4	ld	59.1	78.8	1432	223	ld	ld	ld	4	ld	ld	1.8	2.4	6.5	35	216	55
385178	604653	7074670	9/5/2015	40	B	DAMP	B	Soil	ld	28	358	16409	11780	3885	1560	51	443	38680	211	1	15	54	5.7	ld	44	127	1269	202	ld	ld	3	20	ld	8	ld	ld	9.2	ld	211	39
385179	604601	7074672	9/5/2015	40	B	DAMP	B	Soil	ld	733	308	6973	9260	3009	1018	50	352	28826	246	ld	11	40.5	9	ld	37.5	135	911	212	ld	4	4	4	9	12	ld	ld	6.5	ld	122	39
385180	604546	7074669	9/5/2015	25	LB	DAMP	B	Soil	ld	ld	521	8610	9569	3270	1026	60	368	24817	296	ld	17	47	6.1	0.2	40	146	1004	274	0.9	ld	5	2	3	ld	ld	4.1	12.1	ld	173	62
385181	604500	7074649	9/5/2015	35	LB	DAMP	B	Soil	ld	64	212	8444	11245	3629	1097	61	587	28696	185	12	21	47	6.9	ld	36.7	152	1083	257	1.2	ld	3	10	ld	ld	0.6	2.8	10.7	ld	197	ld
385182	604453	7074632	9/5/2015	35	LB	DAMP	B	Soil	ld	304	316	10213	10195	3156	1132	63	350	26065	256	ld	19	45	6.1	0.5	44.8	133	1038	210	ld	ld	0	ld	8	6	ld	0.9	9	21	198	ld
385183	604397	7074626	9/5/2015	40	LB	DAMP	B	Soil	ld	204	385	27033	633	3625	2463	68	222	21190	208	ld	7	29.9	24.2	0.8	75.1	29.6	985	198	ld	ld	ld	15	9	7	ld	0.3	6.3	ld	211	65
385184	604348	7074614	9/5/2015	40	LB	WET	B	Soil	ld	321	515	14096	7490	3078	1177	40	434	22841	77	6	10	35.4	4.7	0.6	40.1	66.9	698	148	1.2	ld	ld	1	ld	ld	ld	0.3	4.9	ld	125	13
385185	604298	7074617	9/5/2015	40	LB	DRY	B	Soil	ld	229	374	14436	9362	3302	1338	56	330	25029	205	3	7	39	8.3	0.1	50	110	996	208	ld	ld	1	ld	ld	13	ld	ld	6.7	ld	172	33
385186	604250	7074636	9/5/2015	35	LB	DAMP	B	Soil	ld	166	364	9090	11423	3454	1006	59	338	28092	295	ld	18	40	7.2	ld	42.1	161	843	229	1	ld	ld	21	ld	6	ld	2.3	9.1	1	174	0
385187	604211	7074670	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	363	26007	1835	2807	1901	39	278	22178	132	ld	6	31.3	6.1	0.5	62.2	52.7	907	183	ld	0	3	21	0	ld	ld	1.4	4.3	22	165	2
385188	604169	7074704	9/5/2015	45	LB	DAMP	B	Soil	ld	ld	311	9660	14364	3848	1179	66	431	28412	206	ld	18	40	9.9	0.7	36.8	155	1017	253	ld	ld	4	9	ld	8	ld	1.7	6.3	ld	235	8
385189	604125	7074728	9/5/2015	30	LB	DAMP	B	Soil	ld	192	322	14116	19123	3584	1539	65	710	36717	288	6	17	47	4.1	1	41.6	128	982	174	0	ld	1	4	ld	10	ld	0.6	7.5	15	112	ld
385190	604090	7074768	9/5/2015	45	LB	DAMP	B	Soil	ld	250	392	6561	10466	2975	962	53	321	26833	214	ld	19	45	5.4	0.4	34.3	142	883	193	ld	4	12	9	4	1	ld	2.8	9	3	83	30
385191	604055	7074805	9/5/2015	40	LB	DAMP	B	Soil	ld	344	570	7363	10561	3326	866	48	350	25623	174	ld	15	40	5.8	ld	31.9	153	993	288	ld	ld	ld	6	7	ld	ld	1.2	9.8	0	177	15
385193	603997	7074899	9/5/2015	50	LB	DAMP	B	Soil	ld	14	351	9928	12890	3456	1205	62	384	25954	214	6	24	61	9.1	ld	51.9	197	1048	267	ld	3	8	6	9	19	ld	ld	12.5	ld	164	45
385194	603979	7074949	9/5/2015	35	LB	DAMP	B	Soil	ld	319	281	7713	9827	2728	982	47	419	19581	254	12	23	53.9	6.1	1.2	42.8	170	972	234	ld	ld	0	10	9	5	ld	0.8	9.2	48	196	28
385195	603999	7075001	9/5/2015	45	LB	DAMP	B	Soil	ld	131	376	8380	11192	3269	998	64	393	26779	202	ld	20	47.7	4	ld	33.2	149	751	217	0.9	1	6	11	ld	4	ld	ld	7.9	24	173	32
385196	603999	7075050	9/5/2015	45	B	DAMP	B	Soil	ld	179	368	7706	12532	3741	985	62	388	28531	287	ld	13	46	6	ld	34.4	166	934	299	ld	ld	ld	6	ld	4	0.6	0.7	9.2	ld	109	ld
385197	604005	7075101	9/5/2015	55	LB	DAMP	B	Soil	ld	ld	358	7356	12422	3261	921	56	445	29904	276	ld	6	37	3.8	ld	30.1	149	977	220	ld	ld	6	27	0	4	ld	1.8	9.2	ld	181	ld
385198	604002	7075152	9/5/2015	35	LB	DAMP	B	Soil	ld	243	375	8650	12991	3392	959	54	382	25906	186	ld	24	43	6.3	0.2	44.7	158	1163	250	ld	7	1	9	ld	10	ld	3.1	11.7	ld	193	84
385199	603999	7075203	9/5/2015	35	LB	DAMP	B	Soil	ld	ld	498	8823	10635	3787	1058	45	415	27650	94	13	19	43.8	6.3	1	26.5	82.6	725	119	ld	ld	19	4	3	ld	ld	1.7	7.1	10	104	18
385200	604000	7075251	9/5/2015	45	LB	DAMP	B	Soil	ld	404	174	5308	12649	2692	1058	55	1395	28979	171	ld	20	47.4	8.9	ld	29.3	135	1015	166	ld	0	5	ld	19	ld	ld	1	6.7	ld	83	17
385201	600691	7076323	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	331	12814	2795	4294	1642	121	350	28205	255	3	28	52	12.8	0.5	50.6	97	1088	232	ld	7	3	ld	ld	ld	0.8	1.8	13.3	ld	229	4
385202	600705	7076224	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	269	21098	1261	4631	2113	108	438	37735	241	ld	25	65	23.2	0.1	73.7	55.5	1131	197	ld	8	ld	11	ld	6	ld	2.6	13.8	9	130	ld
385203	600729	7076123	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	406	18838	5567	5986	3851	433	589	48255	360	43	51	75	3.4	0.1	60	28.6	1158	142	ld	ld	2	22	ld	14	ld	1.5	14.7	27	169	42
385204	600769	7076029	9/6/2015	35	LB	DAMP	B	Soil	ld	259	130	21737	1457	5971	2876	147	539	51563	240	29	53	81	3.3	0.7	66.9	50.4	607	157	2.9	ld	4	23	20	11	ld	2.3	9.6	16	320	84
385205	600830	7075945	9/6/2015	45	LB	DAMP	B	Soil	ld	1522	404	24636	2555	4447	2663	276	265	24877	174	22	17	53	5.1	0.7	89.7	66.7	581	164	0.9	0	5	14	0	0	0.2	4.9	15.7	3	181	44
385206	600825	7075834	9/6/2015	35	B	DAMP	B	Soil	ld	117	170	14192	3683	3497	1207	67	263	24410	175	2	18	46	8	ld	70.7	102	720	227	ld	3	ld	ld	10	ld	ld	2.4	15.4	ld	189	18
385207	602034	7075397	9/7/2015	40	LB	DAMP	B	Soil	ld	723	362	8323	8945	2689	1018	58	285	22194	241	7	18	51.5	13.8	ld	43.3	147	740	157	ld	4	8	2	19	6	ld	0.4	9	18	156	40
385208	602019	7075298	9/7/2015	40	LB	DAMP	B	Soil	ld	ld	152	12069	6590	3444	1332	73	265	22229	180	ld	18	48	25.4	ld	54.7	101	847	211	ld	ld	9	14	2	4	ld	ld	8.6	16	190	ld
385209	602001	7075199	9/7/2015	25	LB	DAMP	B	Soil	ld	244	250	10722	6317	3335	1254	76	399	22825	220	11	19	56	66.1	ld	50.6	113	965	213	ld	ld	1	6	ld	ld	0	3.5	9.2	ld	149	23
385210	601927	7075129	9/7/2015	35	LB	DAMP	B	Soil	ld	334	170	18372	6350	3908	1944	110	407	29662	203	18	26	67	27.4	0.4	82.5	102	1222	202	0.4	7	4	11	ld	6	ld	3.8	14.2	ld	278	ld
385211	601859	7075056	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	214	21800	2081	4310	2338	109	473	34086	234	4	24	68	188	0.4	69.2	80.3	947	163	0.6	ld	ld	24	2	15	ld	1.2	7.9	21	218	84
385212	601780	7075001	9/7/2015	40	LB	DAMP	B	Soil	ld	344	162	19137	3763	4152	2760	179	382	29949	283	ld	28	75	49.3	ld	73.1	88	1002	223	0	ld	ld	12	9	2	0	ld	14.7	30	237	63
385213	601683	7074973	9/7/2015	40	LB	DAMP	B	Soil	ld	383	212	10689	4134	3008	1093	52	274	23796	213	ld	14	38.5	13.9	ld	56.2	95	781	197	ld	4	8	0	ld	15	ld	ld	13.7	21	240	34
385214	601593	7074927	9/7/2015	40	LB	DAMP	B	Soil	ld	ld	241	31221	554	2368	1853	30	199	21215	106	ld	4	48	ld	ld	100.9	28	329	167	0.6	ld	ld	10	ld	11	ld	3.6	9.9	0	145	16
385215	601498	7074903	9/7/2015	35	LB	DAMP	B	Soil	ld	63	131	14832	5422	2563	1676	65	211	21611	139	ld	10	44	10.4	ld	61.5	90	907	211	1.3	ld	3	1	8	2	ld	1.9	13.6	0	127	ld
385216	601396	7074890	9/7/2015	45	LB	DAMP	B	Soil	ld	197	372	14265	5142	3568	1835	111	309	27762	190	ld	12	55	13.4	0.1	64.2	102	851	195	5.4	2	1	1	2	6	ld	3	7.5	ld	231	19
385217	601309	7074838	9/7/2015	45	LB	DAMP	B	Soil	ld	105	111	32773	5347	4460	3789	239	579	39138	265	21	31	90	16.9	1.1	94.1	73.4	1754	159	1.6	0	1	8	ld	6	0	2	12.1	ld	221	26
385218	601220	7074786	9/7/2015	30	LB	DAMP	B	Soil	ld	33	262	13196	4674	3495	1412	64	272	22970	176	ld	13	47	6.4	ld	76.3	117	963	253	ld	4	2	11	7	10	ld	1.5	17.4	ld	258	45
385219	601246	7074725	9/7/2015	45	LB	DAMP	B	Soil	ld	ld	296	23173	1916	2629	1529	40	275	21309	129	ld	11	58	2.7	ld	122.7	92	616	199	ld	ld	1	20	ld	17	ld	1.8	19	ld	279	41
385220	601299	7074637	9/7/2015	40	LB	DAMP	B	Soil	ld	271	112	19136	1827	2953	1526	52	166	14406	92	7	7	41	3.9	ld	103.8	59.5	897	226	ld	ld	0	12	ld	5	ld	2.7	14	4	283	60
385221	601348	7074544	9/7/2015	50	LB	DAMP	B	Soil	ld	88	191	8172	2765	2076	913	60	210	18520	54	9	7.6	36.2	4.5	ld	49.9	74.9	1135	160	ld	10	8	ld	2	10	ld	ld	11.1	5	208	9
385222	601413	7074448	9/7/2015	35	B	DAMP	B	Soil	ld	31	207	16592	4948	2910	1246	48	253	17616	111	14	6	41	7.6	ld	75.3	124	1572	308	ld	ld	3	6	ld	12	ld	0.5	8.5	ld	260	52
385223	601439	7074340	9/7/2015	45	LB	DAMP	B	Soil	ld	373	265	11460	4693	3089	1091	58	287	23109	226	0	13	45	7.3	ld	64.9	112	693	239	ld	ld	2	ld	15	5	ld	1.9	12	ld	202	1
385224	601542	7074365	9/7/2015	45	LB	DAMP	B	Soil	ld	288	233	14245	2307	2850	914	28	200	14862	106	ld	8	26	2.7	ld	99.6	71.6	597	243	ld	ld	ld	9	16	2	ld	1.9	14.5	ld	134	43
385225	601638	7074416	9/7/2015	55	LB	DAMP	B	Soil	ld	ld	371	16163	2682	3432	1290	47	328	25172	142	1	4	42	6.1	ld	108.2	54.3	629	234	ld	3	ld	5	12	6	ld	0.5	10.8	ld	279	27
385226	601724	7074474	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	213	16169	3338	3028	1232	54	282	21180	131	1	8	43	7	ld	92.3	70.8	1088	254	0.8	ld	1	15	ld	22	ld	ld	12.1	ld	319	18
385227	601821	7074515	9/7/2015	35	LB	DAMP	B	Soil	1078	109	267	16742	5518	3380	1625	59	264	18726	205	1	18	43	4.3	0.7	76.9	131	1202	288	ld	ld	6	15	ld	8	ld	1.1	13.7	ld	302	63
385228	601923	7074545	9/7/2015	45	LB	DAMP	B	Soil	ld	ld	208	11733	4203	3396	1190	56	337	31095	207	ld	12	49	8.1	ld	67.2	99	665	228	ld	6	7	ld	ld	0	ld	0.7	17.7	24	159	23
385229	602017	7074577	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	271	18585	5469	3800	1804	66	267	22962	202	ld	13	48	8	ld	78.5	126	1008	298	ld	1	ld	12	3	2	0.3	ld	11.1	ld	212	22
385230	602099	7074636	9/7/2015	40	LB	DAMP	B	Soil	ld	86	191	23638	4521	3434	2075	66	307	24621	212	2	12	60	5.5	0.5	96.8	88	733	239	0.6	ld	ld	6	0	8	ld	2.6	16.1	ld	262	55
385231	607013	7069222	9/7/2015	40	LB	DAMP	B	Soil	ld	80	203	23938	4178	4676	1990	82	374	36379	238	11	27	80	23.6	0.5	80.6	61.4	864	175	ld	ld	ld	ld	ld	1	ld	3.6	9	31	230	ld
385232	607093	7069285	9/7/2015	25	LB	DAMP	B	Soil	ld	ld	126	18109	5015	4315	1776	66	322	30332	270	8	29	60	35.9	0.6	73	79.9	1119	201	ld	ld	2	10	4	20	ld	1.4	10.6	3	220	65
385233	607158	7069361	9/7/2015	35	LB	DAMP	B	Soil	ld	150	139	20845	4021	4552	1965	89	461	32736	255	5	27	70	35	ld	62.1	65.9	1037	187	0.1	ld	0	15	13	5	0.6	0.6	8.5	11	160	63
385234	607230	7069435	9/7/2015	35	B	DAMP	B	Soil	ld	ld	266	16954	3532	4421	2091	77	329	30445	237	3	22	65	25.1	0.6	63.4	62.8	697	154	ld	3	ld	11	4	7	ld	0.2	8.4	13	149	47
385235	607270	7069528	9/7/2015	40	LB	DAMP	B	Soil	ld	44	223	21757	1200	5219	2476	103	360	39528	291	ld	25	89	93.2	ld	64.7	43.8	786	157	ld	ld	ld	12	ld	3	ld	4.3	8.3	ld	142	37
385236	607335	7069605	9/7/2015	40	LB	DAMP	B	Soil	ld	537	248	22735	1074	5212	2842	100	366	38478	196	14	26	82	66.9	0.5	78.9	42.7	690	133	2.1	ld	ld	12	ld	0	1	2	10.4	ld	142	95
385237	607383	7069694	9/7/2015	40	LB	DAMP	B	Soil	ld	66	368	19090	2027	4342	1946	78	343	36700	188	10	20	69	102	ld	77.5	45.1	618	132	0.6	0	0	0	ld	19	ld	ld	10.3	ld	204	7
385238	607422	7069792	9/7/2015	25	LB	DAMP	B	Soil	ld	110	187	19610	3279	3956	1489	71	333	28032	263	ld	17	55	8.9	ld	83.1	81	581	192	ld	ld	ld	3	3	4	ld	0.2	10.1	ld	140	50
385239	607443	7069892	9/7/2015	35	LB	DAMP	B	Soil	ld	138	201	15012	5167	4180	1431	92	315	28947	210	5	31	41	16.2	0.5	59.8	104	1085	204	0.6	ld	10	6	ld	16	ld	ld	9	ld	203	ld
385240	607506	7069975	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	309	14197	4592	4193	1483	70	397	34682	291	ld	13	52	12.3	ld	81.3	76.1	711	192	ld	ld	ld	8	15	14	ld	ld	10.2	ld	225	ld
385241	607590	7070032	9/7/2015	40	LB	DAMP	B	Soil	ld	56	272	23661	1788	5160	2189	172	519	40344	251	10	14	73	11.4	ld	93.6	54.5	702	188	1.4	0	0	11	ld	9	ld	2.2	9.1	ld	164	3
385242	607683	7070077	9/7/2015	40	LB	DAMP	B	Soil	ld	137	312	48849	3386	5299	3384	79	340	33230	267	ld	14	63	4.6	0.3	186	34.2	1004	213	ld	ld	0	4	11	0	ld	6.3	8	ld	197	46
385243	607779	7070112	9/7/2015	40	LB	DAMP	B	Soil	133	ld	214	16222	3458	4599	1917	82	408	32268	182	8	17	56	5	ld	58.7	69.8	573	179	ld	0	ld	4	0	3	ld	4	6.2	ld	134	ld
385244	607878	7070122	9/7/2015	35	LB	DAMP	B	Soil	ld	363	336	16607	1978	4779	1724	75	1137	33404	216	10	15	63	3.8	ld	74.3	44.1	539	150	ld	2	9	16	15	11	ld	ld	4	21	96	60
385245	607979	7070127	9/7/2015	45	LB	DAMP	B	Soil	ld	ld	326	21324	1177	4848	2003	82	286	37007	276	6	16	84	2.6	ld	74.1	50.7	816	182	1.2	1	3	3	ld	6	ld	ld	10.6	12	109	1
385246	608078	7070110	9/7/2015	35	LB	DAMP	B	Soil	ld	37	287	37963	2684	5698	3160	157	419	53453	358	ld	22	87	10.1	0.5	135.7	21.8	934	137	1.2	0	ld	6	ld	10	0	1.3	8.2	ld	236	4
385247	608179	7070110	9/7/2015	40	LB	DAMP	B	Soil	ld	ld	327	26648	2789	4973	2669	156	708	51703	458	ld	14	77	3.7	0.9	70.1	35.4	791	154	0.5	3	ld	18	ld	12	ld	1.2	9.1	69	179	20
385248	608282	7070122	9/7/2015	40	LB	DAMP	B	Soil	ld	20	315	7420	3571	4001	1072	70	3239	30325	174	12	10	79	13.8	ld	37.5	96	663	199	ld	4	3	ld	ld	6	ld	0.1	10.3	ld	118	4
385249	608379	7070148	9/7/2015	25	B	DAMP	B	Soil	ld	ld	201	26510	289	5717	3134	87	386	33258	230	ld	28	88	6.3	ld	95.9	33.3	438	153	ld	ld	ld	13	4	12	ld	3.4	6.7	4	193	70
385250	608494	7070170	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	270	10568	15262	4003	1339	70	512	38865	318	ld	23	63	5.7	ld	45.3	152	888	162	ld	ld	0	13	0	1	ld	1.5	11.8	ld	164	ld
385251	608600	7070228	9/7/2015	35	LB	DAMP	B	Soil	ld	ld	297	8543	5537	3468	1061	65	249	27471	246	ld	10	50	7.2	0.3	44.3	121	742	214	ld	1	ld	ld	ld	6	ld	ld	11.7	ld	152	13
385490	607106	7069198	9/10/2015	40	LB	DAMP	B	Soil	ld	135	179	15177	7285	3897	1600	83	526	32308	199	3	29	49	31.4	0.1	65.2	118	1109	206	ld	ld	ld	13	ld	3	ld	ld	10.3	30	197	16
385491	607204	7069197	9/10/2015	40	LB	DAMP	B	Soil	ld	248	325	13386	6910	3607	1368	72	319	28162	225	7	27	50	24.6	0.6	58.4	118	893	211	ld	ld	1	3	ld	2	ld	1.3	11	9	177	15
385492	607304	7069197	9/10/2015	40	LB	DAMP	B	Soil	ld	ld	289	25311	5598	5166	1960	91	428	43245	374	ld	34	69	25.7	0	90.5	66.5	923	163	ld	ld	6	ld	ld	1	ld	3.9	7.5	ld	212	73
385493	607400	7069198	9/10/2015	35	LB	DAMP	B	Soil	ld	ld	199	12344	5908	3229	1249	74	488	28774	228	ld	23	51	17.8	ld	54.1	96	963	199	ld	1	5	6	ld	9	ld	ld	11.6	ld	126	7
385494	607502	7069201	9/10/2015	35	LB	DAMP	B	Soil	ld	167	187	14273	7120	3531	1424	55	426	27165	192	3	23	50	12.1	ld	57	97	885	225	ld	ld	9	4	ld	6	ld	1	7.7	ld	233	22
385495	607602	7069199	9/10/2015	40	LB	DAMP	B	Soil	ld	448	403	29951	3888	5265	2191	145	657	46257	270	3	33	77	14.3	0.3	86.1	55.1	895	155	0.2	ld	ld	14	ld	ld	1	6.4	14.7	25	171	ld
385496	607700	7069203	9/10/2015	40	LB	DAMP	B	Soil	ld	9	108	34735	3434	5606	2445	71	533	40869	274	ld	36	72	29.1	0.1	120.2	51.1	1240	160	0.8	ld	ld	2	ld	3	ld	2.8	16.5	ld	306	66
385497	607801	7069201	9/10/2015	25	LB	DAMP	B	Soil	ld	ld	244	16408	11110	3466	1788	72	303	35336	290	11	33	72	40.4	0.4	59	123	1074	159	0.6	ld	ld	12	0	1	ld	2.1	12.9	38	244	ld
385498	607903	7069199	9/10/2015	35	LB	DAMP	B	Soil	ld	ld	94	13385	7265	3854	1741	71	317	39940	307	19	27	76	9.9	0	71	115	871	174	ld	ld	ld	12	ld	3	ld	4.2	11.9	26	171	ld
385499	607966	7069274	9/10/2015	35	LB	DAMP	B	Soil	ld	255	214	18519	12468	2980	1892	50	296	28968	121	ld	9	62	5.1	ld	89.2	173	741	153	ld	2	3	ld	ld	ld	ld	3	16.3	ld	178	15
385500	607983	7069373	9/10/2015	40	LB	DAMP	B	Soil	ld	ld	153	21006	3544	5466	2518	95	264	46247	385	ld	20	86	8.2	0.4	97.9	57.4	386	177	2.5	1	2	16	11	7	ld	0.3	8	ld	169	43
1566001	595874	7076502	9/1/2015	40	LB	DAMP	B	Soil	ld	405	14	23047	1569	5702	2880	135	498	45132	349	2	9	120	38.9	0.8	79.8	27.1	821	162	0.4	6	ld	6	ld	11	ld	2.1	22.2	3	200	59
1566002	595901	7076498	9/1/2015	40	LB	DAMP	B	Soil	ld	44	52	30221	193	6664	3376	187	349	42723	289	11	28	122	19.1	1.7	87.6	46.9	730	170	0.6	ld	0	19	ld	12	ld	1.7	15.4	34	235	19
1566003	595924	7076499	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	0	17947	2638	4875	2206	107	387	31577	283	ld	17	90	14	1.1	62.7	98	824	227	ld	ld	ld	6	9	7	ld	1.7	9.8	ld	180	75
1566004	595950	7076500	9/1/2015	40	LB	DAMP	B	Soil	1290	253	126	15450	4888	5137	2007	150	546	38270	318	ld	24	80	21.4	0.4	59	90	677	199	ld	ld	ld	4	ld	ld	ld	4.8	14	8	212	7
1566005	595975	7076501	9/1/2015	40	LB	DAMP	B	Soil	ld	302	82	16724	3564	4559	2016	106	295	26965	267	ld	21	62	11	1.1	65.2	107	933	227	0.3	ld	ld	ld	ld	8	ld	ld	13.9	ld	202	2
1566006	596000	7076500	9/1/2015	40	B	DAMP	B	Soil	ld	168	209	15249	3233	4116	1828	113	253	25728	307	ld	20	51	9.3	0	64.3	103	1053	208	1.3	ld	6	23	5	ld	1.2	3.2	12.8	ld	235	27
1566007	596027	7076500	9/1/2015	40	LB	DAMP	B	Soil	ld	1117	250	35126	329	6439	3581	174	343	50144	357	0	43	101	40.3	2.3	103.4	48.4	929	150	0.4	ld	0	20	1	ld	0	3.9	15.5	35	166	36
1566008	596052	7076500	9/1/2015	40	LB	DAMP	B	Soil	ld	125	27	37870	2158	6508	3801	193	528	45494	340	14	40	139	41.3	3.4	106	52.2	1263	159	1	ld	ld	22	11	19	ld	1.9	40.2	43	176	41
1566009	596076	7076499	9/1/2015	40	LB	DAMP	B	Soil	ld	558	ld	24220	4099	5961	3225	219	566	43133	270	0	30	108	127	0.7	81	41.8	992	164	1.1	ld	ld	21	ld	17	ld	0	10.5	ld	238	41
1566010	596102	7076500	9/1/2015	50	LB	DAMP	B	Soil	77	835	114	34232	2182	5265	2878	159	302	38823	296	ld	30	84	375	0.4	98.6	70.7	1115	168	0.8	5	9	7	8	ld	6	4	17.4	ld	200	45
1566011	596126	7076499	9/1/2015	35	LB	DAMP	B	Soil	ld	386	54	28346	1211	4089	2479	111	225	22176	169	2	18	63	138	0.5	84.8	51.3	1183	150	ld	2	6	ld	15	ld	4	5.4	21.5	ld	232	54
1566012	596151	7076500	9/1/2015	45	LB	DAMP	B	Soil	ld	ld	ld	24737	1357	4040	2183	94	234	24654	164	10	15	57	212	0.9	80	54.2	1158	151	1.9	ld	2	7	0	7	ld	2.4	14.8	ld	203	10
1566013	596176	7076499	9/1/2015	45	LB	DAMP	B	Soil	ld	330	ld	20198	3519	4363	2107	111	410	26162	190	3	19	59	104	ld	72.4	68	836	167	1.8	ld	ld	22	5	ld	2	0.6	12.9	ld	179	25
1566014	596198	7076501	9/1/2015	55	LB	DAMP	B	Soil	ld	336	169	23981	3339	4139	2156	114	639	26303	210	ld	24	60	288	0.9	85.9	81.5	1050	171	ld	ld	ld	1	10	ld	2	0.4	16	ld	192	47
1566015	596223	7076503	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	102	20480	4589	5051	2468	148	634	39077	252	23	35	84	68	0.8	64.9	62.9	746	151	1.4	ld	ld	11	ld	13	ld	3	10.7	ld	148	ld
1566016	595449	7076402	7/18/2015	40	LB	DAMP	B	Soil	ld	69	26	17202	8922	4219	2057	92	398	27836	243	3	29	61	28.8	ld	70.8	122	1112	202	ld	ld	0	2	ld	11	ld	ld	14.6	7	237	6
1566017	595502	7076394	7/18/2015	25	LB	DAMP	B	Soil	ld	89	60	18696	6622	4235	1939	103	427	28965	256	12	24	66	47.2	ld	77.7	118	944	202	0.9	ld	ld	12	1	9	ld	2.9	11.9	11	219	4
1566018	595548	7076401	7/18/2015	35	LB	DAMP	B	Soil	ld	332	26	19521	7545	4450	2022	110	494	32288	223	20	29	80	106	ld	74.8	114	1175	215	ld	ld	ld	24	7	7	ld	3.6	18.4	ld	208	25
1566019	595599	7076399	7/18/2015	35	LB	DAMP	B	Soil	ld	495	38	17000	7643	4137	1823	99	392	28578	222	8	24	63	78.9	0	69.2	132	1259	222	0	0	1	19	ld	3	ld	1.5	11.2	8	236	2
1566020	595650	7076398	7/18/2015	40	LB	DAMP	B	Soil	ld	72	42	15248	3282	4232	1804	102	376	27917	223	17	24	59	26	ld	59.1	77.7	735	176	0.4	ld	4	3	ld	0	ld	1	11.8	ld	130	22
1566021	595700	7076400	7/18/2015	40	LB	DAMP	B	Soil	ld	24	39	16478	4323	4483	1961	116	441	35796	159	33	36	67	65	0	58.1	104	1216	231	ld	ld	5	3	4	9	0	3.6	12	ld	249	27
1566022	595751	7076397	7/18/2015	40	LB	WET	B	Soil	ld	ld	71	24197	2415	5819	2950	166	519	37918	256	21	40	83	13.2	0.2	78.3	41.6	1303	171	1.3	ld	0	24	ld	4	ld	5.3	13.2	ld	229	55
1566023	595799	7076399	7/18/2015	35	LB	DRY	B	Soil	680	477	127	34144	2251	7584	3488	177	828	46305	294	34	44	121	18.9	1.1	87	44	1366	190	0.8	ld	ld	15	ld	23	ld	ld	33.3	ld	282	63
1566024	595849	7076392	7/18/2015	45	LB	DAMP	B	Soil	ld	ld	148	45393	ld	6403	2904	161	269	33620	234	ld	15	91	45.6	1.3	148.1	35	800	171	1.1	ld	7	21	13	6	ld	ld	36.4	ld	214	74
1566025	595901	7076403	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	ld	27650	1020	5216	2552	161	182	32222	255	7	21	63	33.7	1.2	95.1	66.8	971	177	2.9	0	5	20	ld	ld	3	3.4	20.5	ld	187	22
1566026	595951	7076399	7/18/2015	50	LB	DAMP	B	Soil	ld	ld	ld	28992	649	5280	2627	205	722	37368	200	24	26	93	15.5	0.6	83.7	36.1	1287	151	ld	ld	ld	14	ld	3	ld	1.1	12	12	225	31
1566027	595999	7076400	7/18/2015	35	LB	DAMP	B	Soil	ld	163	14	28437	1782	5294	2619	157	515	38152	296	ld	27	82	38.3	2.3	93.2	50	1029	167	0.2	ld	ld	23	ld	18	ld	0.5	28.1	ld	237	69
1566028	596049	7076396	7/18/2015	45	LB	DAMP	B	Soil	ld	160	22	24525	3744	4248	2102	107	848	31814	267	2	24	72	30	0.2	90.9	57.6	1225	166	ld	ld	1	25	0	8	ld	0.8	22.2	ld	213	43
1566029	596100	7076400	7/18/2015	45	LB	DAMP	B	Soil	ld	ld	ld	35288	2085	5210	2810	127	422	32808	169	20	27	80	22.7	0.6	120.2	44	1288	172	ld	ld	6	14	ld	1	0	1.9	22	ld	283	8
1566030	596151	7076398	7/18/2015	55	B	DAMP	B	Soil	ld	133	ld	41631	12149	5799	3277	156	447	35280	227	15	29	119	25	1.8	112.6	68.9	1308	191	ld	ld	ld	16	ld	16	ld	2.6	20.3	24	233	91
1566031	596198	7076398	7/18/2015	35	LB	DAMP	B	Soil	ld	873	ld	22342	9718	4367	2099	123	1023	27151	242	9	29	95	30.5	0.9	73.1	73.1	762	131	ld	ld	0	11	4	9	ld	1.1	27.6	38	139	6

Appendix 4: Kate Project - Compiled Tabulated Results - Soils XRF

1566032	596250	7076393	7/18/2015	35	LB	DAMP	B	Soil	ld	606	ld	18157	7365	3458	1822	86	561	25220	168	2	24	79	26.3	1.1	65.1	65	579	114	ld	ld	1	ld	ld	12	ld	ld	25	28	122	42
1566033	596296	7076400	7/18/2015	45	LB	DAMP	B	Soil	ld	273	ld	24256	3536	5163	2666	141	523	38481	270	19	28	85	36.2	0.6	71.5	57.7	1143	159	0.3	ld	4	7	1	16	ld	2.9	20.4	ld	171	7
1566034	596351	7076403	7/18/2015	35	LB	DAMP	B	Soil	ld	281	ld	23816	2661	4933	2233	113	577	42846	168	20	24	95	25.5	1.1	67.6	51.4	855	136	ld	ld	3	23	2	16	ld	1.6	22.6	33	138	38
1566035	596400	7076402	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	45	18483	6415	4331	2024	114	741	32843	238	2	25	66	36.7	ld	62	66.2	845	139	1.6	2	1	3	2	10	ld	ld	17.7	5	180	31
1566036	596450	7076399	7/18/2015	40	LB	DAMP	B	Soil	ld	649	70	18504	5313	4644	2007	101	476	34488	248	8	27	65	37.8	0	69.1	72.1	940	155	ld	0	ld	16	7	3	ld	2.9	13.4	ld	184	43
1566037	596503	7076402	7/18/2015	25	LB	DAMP	B	Soil	ld	252	ld	28111	8442	4953	2402	80	558	38523	221	5	27	73	25	0.9	85.9	82	1143	159	ld	ld	7	6	3	2	ld	7	14.9	35	114	17
1566038	596548	7076398	7/18/2015	35	LB	DAMP	B	Soil	ld	517	21	6989	12154	2200	774	48	600	15488	178	ld	11.8	43.8	11.4	ld	29.5	131	723	192	ld	7	12	0	1	13	ld	ld	10.8	23	83	ld
1566039	596600	7076400	7/18/2015	35	B	DAMP	B	Soil	ld	125	130	8003	9020	2898	879	56	260	18105	159	ld	4.9	49.1	4.1	0.2	39.3	160	801	250	ld	ld	ld	ld	ld	8	ld	0	8.5	29	109	12
1566040	596646	7076397	7/18/2015	40	LB	DAMP	B	Soil	ld	320	241	11953	19492	3369	1220	75	442	25552	212	20	22	67	11.3	0.3	53.7	218	1093	243	0.1	ld	1	11	12	8	ld	2.1	9.3	ld	265	31
1566041	596699	7076399	7/18/2015	40	LB	DAMP	B	Soil	ld	75	43	9340	13257	3038	946	76	359	20348	177	1	15	43.4	7.4	0.2	37.3	178	1028	335	ld	ld	6	ld	ld	9	ld	1.1	9.2	7	212	26
1566042	596749	7076399	7/18/2015	40	LB	DAMP	B	Soil	ld	707	182	8733	20447	2535	984	57	390	21007	167	8	15	53	7.6	0.4	41.3	187	944	222	ld	2	4	ld	ld	7	ld	ld	7.1	ld	144	16
1566043	596801	7076400	7/18/2015	35	LB	DAMP	B	Soil	0	0	0	0	0	2557	50	16	348	19127	172	ld	10	45	6.3	0.8	34.7	143	688	205	ld	ld	ld	ld	11	19	ld	ld	6.3	42	99	45
1566044	596850	7076400	7/18/2015	35	LB	DAMP	B	Soil	ld	373	115	10634	6656	2874	1083	57	300	20456	142	11	16	55	9.4	0.1	47.5	101	871	175	ld	ld	5	13	0	ld	ld	0.4	6.7	16	52	ld
1566045	596900	7076397	7/18/2015	40	LB	WET	B	Soil	ld	146	48	15334	7018	4375	1500	91	331	31000	201	2	18	52	15.7	ld	61.4	106	799	192	0.7	ld	0	20	13	4	ld	0.9	8.6	ld	223	47
1566046	596949	7076400	7/18/2015	40	LB	DRY	B	Soil	ld	295	69	14814	6255	3874	1707	83	582	33557	210	0	20	59	52	0	57.8	103	1057	153	0.2	ld	2	4	ld	0	ld	3.3	10.1	ld	134	ld
1566047	596998	7076404	7/18/2015	40	LB	DAMP	B	Soil	ld	512	75	18961	7134	4809	2030	106	515	36313	253	13	28	72	43.8	0.2	67.8	115	1080	194	ld	0	ld	ld	ld	8	ld	2.8	14	ld	165	38
1566048	596975	7076300	7/18/2015	35	LB	DAMP	B	Soil	ld	336	162	36095	3198	5390	2613	100	442	33824	251	9	19	60	6.9	0.5	108.4	45	1251	213	ld	5	3	12	5	8	ld	4.3	12.4	ld	180	22
1566049	596924	7076297	7/18/2015	45	LB	DAMP	B	Soil	ld	207	134	14968	8222	4281	1402	88	313	26520	204	12	18	51	9.5	1.4	57.4	126	933	211	ld	4	5	3	ld	6	ld	2.2	11.7	12	215	11
1566050	596874	7076301	7/18/2015	40	LB	DAMP	B	Soil	89	ld	85	10895	10543	3575	1180	53	410	22223	196	ld	14	48.4	8.1	ld	47.3	145	807	217	ld	ld	ld	ld	ld	8	ld	ld	10.5	10	145	19
1566051	596825	7076300	8/31/2015	50	LB	DAMP	B	Soil	ld	ld	113	12674	11454	4350	1381	101	444	28725	228	11	29	64	19.6	0.6	58.3	164	1117	256	1.6	ld	5	16	ld	6	ld	3.4	8.9	ld	186	10
1566052	596775	7076300	8/31/2015	35	LB	DAMP	B	Soil	ld	169	194	14497	13116	4937	1659	97	581	31608	290	2	29	71	15.1	0	64.4	155	1286	265	1.6	ld	ld	12	ld	ld	2	3.4	14.3	ld	251	7
1566053	596724	7076301	8/31/2015	45	LB	DAMP	B	Soil	ld	180	39	12391	10539	3916	1554	85	366	24359	168	3	21	52	13.1	0.5	51.6	117	1005	201	0.7	7	0	17	24	5	ld	3.1	11.6	29	134	ld
1566054	596676	7076298	8/31/2015	45	LB	DAMP	B	Soil	ld	642	51	6599	8443	2657	1017	58	1200	26090	145	4	12	43.7	10.3	ld	34.3	123	805	190	ld	4	5	ld	ld	11	ld	ld	12.5	ld	128	21
1566055	596625	7076301	8/31/2015	55	LB	DAMP	B	Soil	ld	506	0	7694	15068	2766	1016	66	361	19952	197	10	16	50.6	9.6	0.2	39.8	165	882	214	ld	ld	7	ld	0	ld	ld	ld	6.7	ld	108	25
1566056	596575	7076292	8/31/2015	35	LB	DAMP	B	Soil	ld	243	32	9705	9954	3319	1012	67	360	19194	174	ld	12	44.8	6.8	ld	42.5	152	943	308	ld	ld	ld	3	6	4	ld	0.3	9.4	1	225	4
1566057	596525	7076300	8/31/2015	35	LB	DAMP	B	Soil	ld	1578	60	12180	21509	2493	1552	74	3244	21446	120	27	53	111	17.2	4.1	44.3	90.4	1155	86	ld	7	4	ld	4	8	ld	ld	32.5	ld	113	28
1566058	596473	7076297	8/31/2015	40	LB	DAMP	B	Soil	ld	227	191	21742	5210	4297	1910	97	676	26033	92	19	26	100	16	1.5	62.2	57.3	900	132	0.6	ld	ld	6	ld	ld	ld	2.3	53.4	ld	164	45
1566059	596424	7076300	8/31/2015	40	LB	DAMP	B	Soil	ld	171	24	23490	4527	5049	2487	120	666	34023	249	16	35	119	33.3	2.2	81.2	60.7	1042	172	1	0	6	10	ld	8	ld	1.5	64	ld	227	53
1566060	596374	7076299	8/31/2015	40	LB	DAMP	B	Soil	ld	653	ld	25584	3877	4822	2376	95	634	30940	210	2	29	125	26.9	1.9	75.5	53.6	931	153	0.3	ld	0	22	ld	0	ld	0.3	71	0	120	46
1566061	595924	7076298	8/31/2015	35	LB	DAMP	B	Soil	ld	716	79	34037	1088	4928	2657	124	681	45699	374	ld	133	338	23	5.2	98.5	36.4	740	152	3.2	3	0	22	4	12	0	ld	571	7	168	63
1566062	595948	7076301	8/31/2015	45	LB	DAMP	B	Soil	ld	268	106	29005	2050	5122	2359	128	419	29078	304	ld	13	125	16.2	1.8	95.7	52.9	838	174	0.9	ld	ld	13	27	1	ld	4.7	66	ld	218	3
1566063	595976	7076299	8/31/2015	40	LB	DAMP	B	Soil	ld	199	0	38519	906	5145	2995	136	774	31932	208	7	16	130	29.4	2.5	121.4	39.6	715	170	1.2	5	13	9	ld	9	ld	1.2	71	4	197	49
1566064	595998	7076299	8/31/2015	50	LB	DAMP	B	Soil	ld	2203	45	37703	ld	6650	2721	154	450	40502	283	21	32	175	16.2	2.6	110.1	28.6	476	159	ld	ld	ld	12	12	11	ld	2.4	76	ld	235	15
1566065	596024	7076300	8/31/2015	35	LB	DAMP	B	Soil	ld	687	14	33430	1201	5991	2731	126	511	38824	277	19	36	141	21.3	1.9	93.7	44	612	178	ld	4	ld	17	15	8	ld	0.8	58	4	222	47
1566066	596052	7076300	8/31/2015	45	B	DAMP	B	Soil	ld	1202	ld	39233	242	6375	3492	167	2126	58841	187	33	100	429	25	3.8	101.9	21.6	1669	177	1.7	8	5	37	3	28	ld	ld	857	ld	244	107
1566067	596075	7076299	8/31/2015	45	LB	DAMP	B	Soil	3407	335	97	39231	839	6073	3183	159	1404	50506	133	39	83	300	28	4.3	90.2	16.3	1059	145	0.1	1	ld	31	7	10	ld	2	250	1	234	19
1566068	596102	7076301	8/31/2015	55	LB	WET	B	Soil	ld	289	208	33269	1822	5212	3154	152	839	34627	198	26	37	169	29.3	3.7	90.8	33.3	1094	147	2	ld	5	18	ld	7	ld	0.6	57	21	155	60
1566069	596125	7076299	8/31/2015	35	LB	DRY	B	Soil	ld	200	23	24878	3841	4461	2326	111	779	32149	219	10	36	187	21	1.2	79.4	66.8	1142	172	ld	6	10	9	ld	7	ld	0.8	125	3	182	57
1566070	596150	7076301	8/31/2015	40	LB	DAMP	B	Soil	ld	288	91	24280	4807	4604	2226	115	1123	34841	155	19	35	160	20.7	2.3	77.3	59.5	915	154	ld	0	4	13	0	8	0	0	98	25	130	95
1566071	596176	7076299	8/31/2015	40	LB	DAMP	B	Soil	ld	469	281	25392	5192	4745	2134	124	600	32054	239	14	34	142	19.9	1.4	86	87	960	182	0.7	6	6	23	ld	8	ld	1	78	ld	232	60
1566072	596199	7076298	8/31/2015	40	LB	DAMP	B	Soil	ld	146	20	29326	3381	4574	2344	120	755	30176	214	18	40	174	17	0.3	98.7	61.2	1043	158	1.8	ld	1	17	ld	8	1	0.5	126	ld	194	34
1566073	596225	7076300	8/31/2015	40	LB	DAMP	B	Soil	ld	770	255	29161	6962	4476	2164	103	839	24232	213	2	25	119	19.5	1.8	93.9	57	619	146	ld	ld	ld	7	5	ld	ld	2.6	71	23	130	80
1566074	596251	7076301	8/31/2015	40	LB	DAMP	B	Soil	ld	205	ld	35726	2395	5099	2826	111	522	32101	184	27	25	117	44.7	1.1	127.2	47.8	1156	186	1.5	1	1	ld	ld	15	1	1.2	34.9	1	265	62
1566075	596275	7076301	8/31/2015	40	B	DAMP	B	Soil	ld	366	ld	25248	4075	3831	1820	79	1125	25001	92	23	19	125	26.7	2.5	71.5	47.1	559	148	ld	4	4	9	3	1	ld	3.6	88	34	151	26
1566076	596301	7076300	8/31/2015	40	LB	DAMP	B	Soil	ld	292	30	31510	3833	4599	2325	102	549	24626	211	4	26	101	25.6	1.4	102.7	57.6	872	181	ld	ld	0	19	ld	2	ld	2.5	45	24	320	21
1566077	596325	7076301	8/31/2015	40	LB	DAMP	B	Soil	ld	510	ld	32422	3380	4561	2366	90	338	25447	175	ld	22	115	30.8	2.2	116.6	62.6	1091	202	2	ld	ld	6	4	ld	0.1	2.9	45.4	14	207	18
1566078	596351	7076299	8/31/2015	40	LB	DAMP	B	Soil	ld	238	254	28083	2970	4923	2456	113	585	33016	125	13	28	116	32.1	1.7	81.2	41.5	731	130	0.9	2	5	17	ld	15	ld	1.9	48.8	ld	245	42
1566079	596350	7076250	8/31/2015	40	LB	DAMP	B	Soil	ld	206	ld	20311	2023	3539	1709	62	364	20018	54	7	15	84	19.7	0.6	58.2	33.3	844	115	ld	ld	1	14	11	10	ld	3.2	21.9	19	205	48
1566080	596348	7076197	8/31/2015	40	LB	DAMP	B	Soil	ld	487	ld	22999	4068	4580	2130	128	480	28868	214	13	36	134	43.6	1.8	84.6	67	847	154	1.3	7	4	5	ld	17	ld	ld	74	ld	229	52
1566081	596324	7076202	8/31/2015	40	LB	DAMP	B	Soil	ld	607	52	17127	3930	3370	1655	104	589	26020	122	8	38	114	28.2	0.8	73.1	64.6	715	145	0.6	6	11	ld	4	17	ld	ld	98	ld	117	42
1566082	596298	7076199	8/31/2015	40	LB	DAMP	B	Soil	ld	667	166	22927	2888	4292	2032	109	437	28514	198	11	41	181	41	1.4	65.5	54.2	572	130	ld	ld	ld	5	6	5	ld	0.8	101	79	115	69
1566083	596274	7076199	8/31/2015	40	LB	DAMP	B	Soil	ld	661	107	22938	2997	3993	1920	112	495	25784	152	15	35	116	35.8	1	79.7	45.8	666	144	ld	ld	2	2	ld	ld	1	ld	47.7	4	188	35
1566084	596249	7076200	8/31/2015	40	LB	DAMP	B	Soil	ld	430	ld	25601	2974	4803	2479	135	527	35118	256	12	39	111	63.6	0.3	97.2	63.6	661	174	0.8	5	11	ld	18	10	ld	1.2	46.4	ld	197	87
1566085	596225	7076201	8/31/2015	40	LB	DAMP	B	Soil	ld	947	241	26936	3381	5168	2470	126	560	33789	300	16	32	115	54.3	1.9	94.3	82.2	1461	182	1.5	1	3	2	11	2	1	3.6	61	36	211	64
1566086	596200	7076200	8/31/2015	40	LB	DAMP	B	Soil	ld	549	38	28407	3301	5089	2600	144	673	37145	226	13	33	100	58.7	1.6	88.4	62	908	162	3.3	ld	1	13	8	12	ld	1.4	33.5	ld	219	25
1566087	596176	7076200	8/31/2015	40	B	DAMP	B	Soil	ld	716	222	36454	2589	4935	2854	142	583	33061	233	8	30	134	77	1.4	116.1	46.3	995	146	0.4	ld	1	5	0	ld	0	3.3	55	ld	161	4
1566088	596150	7076203	8/31/2015	40	LB	DAMP	B	Soil	ld	1104	192	36129	1990	4346	2379	107	547	30708	191	7	63	190	62	1.6	89.4	43.6	663	123	ld	1	3	29	15	13	ld	0.2	272	49	262	43
1566089	596124	7076199	8/31/2015	40	LB	DAMP	B	Soil	ld	1336	153	38994	1244	4907	2700	123	869	33190	186	13	68	229	38	1.2	102.2	45.2	977	138	1.7	3	ld	17	12	16	ld	ld	131	ld	231	18
1566090	596100	7076201	8/31/2015	40	LB	DAMP	B	Soil	ld	1873	66	40397	1364	4569	2740	107	565	33926	199	16	78	219	26	ld	114.4	54.5	916	129	0.1	7	ld	19	5	10	ld	ld	221	ld	162	134
1566091	596075	7076200	8/31/2015	50	LB	DAMP	B	Soil	ld	1851	22	39998	1138	5090	3342	125	480	32144	265	2	74	187	26	2	115.8	62.6	783	142	ld	ld	6	13	ld	ld	3	1.6	214	ld	176	56
1566092	596050	7076200	8/31/2015	35	LB	DAMP	B	Soil	ld	913	46	40338	886	5787	3227	150	630	39050	196	8	53	212	68	0.3	120.2	37	999	153	0.5	2	6	8	10	3	ld	5	169	ld	254	128
1566093	596024	7076200	8/31/2015	45	LB	DAMP	B	Soil	ld	610	ld	30336	654	5503	2816	163	631	46230	445	9	44	172	62	1.1	98.8	34.2	1348	168	ld	2	6	ld	24	9	ld	2.7	49	ld	261	73
1566094	595997	7076200	8/31/2015	45	LB	DAMP	B	Soil	ld	ld	169	27879	1714	5160	2322	145	433	38045	290	7	37	75	47.5	0.2	96.2	57.1	821	179	2.8	7	5	9	ld	11	ld	1	23.3	5	246	17
1566095	595975	7076199	8/31/2015	55	LB	DAMP	B	Soil	ld	ld	69	31882	645	6154	2738	168	378	42325	270	12	55	176	58	1.3	102.5	40.1	891	155	ld	ld	ld	0	8	13	ld	3.6	69	23	163	80
1566096	595950	7076201	8/31/2015	35	LB	DAMP	B	Soil	ld	223	ld	19652	3142	5018	1703	111	339	34666	283	16	33	71	29.4	1.3	78.2	99	1240	231	1	ld	ld	15	9	10	ld	1	22.3	25	174	43
1566097	595924	7076199	8/31/2015	35	LB	DAMP	B	Soil	ld	ld	ld	24233	1523	5896	2143	133	350	43886	370	ld	33	84	47.8	0.6	94.5	65	1097	180	1.4	ld	ld	9	7	15	ld	2.6	15.3	ld	184	44
1566098	595901	7076199	8/31/2015	45	LB	DAMP	B	Soil	ld	69	79	31953	ld	5871	2131	148	82	23157	125	ld	12	44	68.6	1.6	121.2	60.7	560	178	2.6	0	9	14	19	11	ld	2.7	20.9	ld	192	23
1566099	595874	7076199	8/31/2015	35	LB	DAMP	B	Soil	391	589	ld	31965	ld	5275	2409	206	351	49718	256	71	47	111	97	2.4	110.1	53.2	897	181	2.8	ld	ld	11	19	ld	1	4.8	17.3	ld	249	68
1566100	595927	7076541	9/1/2015	35	LB	DAMP	B	Soil	ld	889	141	44210	ld	5815	3277	151	215	33071	266	ld	17	84	145	1.7	142	59.7	1183	217	1.9	1	ld	13	ld	3	1	4.6	42.2	ld	258	59
1566101	596250	7076499	9/1/2015	45	LB	DAMP	B	Soil	ld	134	28	22540	2889	5217	2647	147	511	37066	173	25	29	84	77.3	1.2	71.1	50.6	696	162	1.1	ld	ld	15	ld	4	ld	2	11	19	223	ld
1566102	596251	7076598	9/1/2015	35	LB	DAMP	B	Soil	ld	209	53	14363	8005	4172	1787	88	348	27234	161	16	20	55	30.7	ld	58.7	125	1152	222	ld	ld	0	12	ld	0	ld	1.2	10.1	ld	253	1
1566103	596225	7076595	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	ld	13679	7860	4028	1777	87	391	30418	272	1	22	59	28	0	58.8	136	1512	230	2	ld	ld	2	0	7	ld	2.9	11.7	ld	190	22
1566104	596201	7076601	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	ld	21754	10030	4887	3005	127	660	39213	235	15	27	86	17.7	0.6	60.2	68.9	977	150	0.8	ld	ld	20	ld	11	ld	2.6	8.5	ld	172	ld
1566105	596175	7076601	9/1/2015	25	LB	DAMP	B	Soil	ld	ld	ld	20474	4132	4838	2403	131	490	31541	213	22	31	79	60.9	0.7	73.2	73.5	1067	181	ld	ld	1	15	6	ld	3	4.3	16.1	ld	181	88
1566106	596150	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	240	ld	15576	3851	4287	1854	99	442	28391	321	ld	21	63	81.3	0.2	76.4	93	784	201	0.7	3	ld	14	ld	7	ld	0.6	19.9	ld	129	76
1566107	596123	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	184	24331	2490	5116	2475	104	373	31613	204	9	25	73	103	0.7	90.5	52.3	929	183	0.4	2	0	19	11	1	ld	2.9	25.8	ld	298	61
1566108	596098	7076599	9/1/2015	35	LB	DAMP	B	Soil	ld	105	104	33209	1938	5713	3221	185	864	39296	217	18	33	109	47.5	0.5	95.3	36.9	1189	173	2.6	2	ld	ld	ld	13	ld	0	13.4	9	228	52
1566109	596075	7076600	9/1/2015	45	LB	DAMP	B	Soil	ld	ld	178	16393	1897	3877	1729	94	280	22844	185	1	15	47	75.2	0.1	62.1	63.8	516	160	ld	0	ld	7	ld	ld	2	2.2	9.5	10	129	25
1566110	596049	7076599	9/1/2015	45	LB	DAMP	B	Soil	ld	47	78	26408	1763	5103	2518	125	376	28868	208	8	23	63	182	0	78.9	52	960	180	ld	0	2	ld	12	0	2	ld	12.5	5	205	51
1566111	596024	7076601	9/1/2015	55	B	DAMP	B	Soil	ld	76	24	32487	233	5010	3089	133	299	28952	169	5	22	73	54.5	0.3	97.7	48.2	1141	181	1.4	10	10	9	ld	3	2	3.8	11.4	ld	181	35
1566112	596000	7076602	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	23	26445	982	4804	2484	119	413	27615	218	3	29	72	89.2	0.3	90.8	41.6	860	151	ld	ld	ld	14	ld	8	ld	0.8	24.5	37	192	56
1566113	595975	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	62	24781	588	5203	2417	150	431	39038	232	3	25	79	656	0.7	88.8	56.5	706	164	1.6	1	ld	22	3	5	ld	0	9.1	21	206	ld
1566114	595949	7076600	9/1/2015	45	LB	DAMP	B	Soil	ld	643	17	30323	294	5035	2894	122	395	31774	196	10	24	75	25.5	0.1	97.3	56.3	1340	153	ld	1	7	1	3	9	ld	3.1	13.5	ld	182	75
1566115	595923	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	213	47	25662	926	5185	2789	137	383	30596	182	5	22	70	21.3	0.7	83	42.3	725	143	ld	ld	5	13	ld	3	ld	0.1	7.3	ld	160	29
1566116	595898	7076598	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	ld	26376	879	4510	2616	126	475	38510	293	ld	19	79	2.3	0.8	91.5	26.9	483	125	ld	0	ld	16	0	ld	0.1	1.7	22.8	43	121	44
1566117	595875	7076600	9/1/2015	25	LB	DAMP	B	Soil	ld	ld	57	14328	2913	3752	1699	75	311	23799	173	4	13	55	5.1	ld	55	83.6	667	193	1.6	1	2	8	ld	2	1	ld	9.1	49	137	0
1566118	595848	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	ld	22415	1611	4612	2210	114	404	28562	182	14	22	67	13.2	0.4	82.8	55.2	701	187	ld	1	ld	16	ld	9	ld	1.8	7.4	2	211	36
1566119	595824	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	19	96	20964	3149	4119	2028	97	370	28604	154	16	22	63	6.1	0.2	77.5	54.9	886	176	ld	ld	4	ld	0	8	ld	0.3	8.5	ld	145	18
1566120	595802	7076600	9/1/2015	40	LB	DAMP	B	Soil	ld	335	131	18485	3432	3996	1981	81	473	28716	176	3	22	70	18.4	0.9	62	44.1	773	140	ld	ld	ld	22	10	10	ld	ld	8	ld	164	21
1566121	595775	7076599	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	ld	26397	719	5187	2519	125	707	33939	204	19	28	78	57.2	0.3	109.1	36.3	516	165	ld	ld	ld	17	ld	2	0	5.2	13.5	ld	118	43
1566122	595750	7076602	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	630	16307	4636	4365	2068	110	499	29201	175	4	24	64	31.1	ld	59.7	72.4	1257	202	ld	0	0	9	ld	15	ld	ld	10.9	ld	147	52
1566123	595720	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	293	165	15550	4204	4698	2097	100	489	30733	256	11	23	72	89.3	0.4	62.1	82.2	1070	194	1.4	ld	0	32	ld	0	ld	2.4	13.9	21	211	35
1566124	595701	7076601	9/1/2015	45	LB	DAMP	B	Soil	ld	ld	48	17499	3678	4741	2031	105	459	35069	232	3	21	75	115	ld	64.5	65.9	917	192	2.5	ld	ld	17	ld	ld	0	4.1	12.5	3	189	ld
1566125	595674	7076600	9/1/2015	40	LB	DAMP	B	Soil	ld	ld	63	14529	4623	4299	1624	72	350	33324	269	0	20	62	56.1	0.7	72.3	98	730	203	1.7	ld	ld	5	ld	10	ld	2.3	13.8	3	193	22
1566126	595650	7076600	9/1/2015	50	LB	DAMP	B	Soil	ld	447	90	12586	9738	2870	1242	58	1010	18713	136	ld	5.1	123	13.6	ld	47.8	83.6	510	128	0	1	ld	0	11	13	ld	ld	5.8	ld	64	1
1566127	595624	7076600	9/1/2015	35	LB	DAMP	B	Soil	ld	219	107	15151	6567	3560	1780	88	348	26662	227	3	25	62	53.1	0.4	63.6	96	1233	208	0.4	ld	ld	ld	ld	2	ld	3.7	18.8	18	249	ld
1566128	595600	7076599	9/1/2015	45	LB	DAMP	B	Soil	ld	59	ld	13490	5684	3369	1619	76	251	22421	172	4	20	56	29.9	0	65.2	79.4	942	159	ld	5	5	ld	ld	2	ld	1.9	9.7	11	67	49
1566129	595574	7076599	9/1/2015	45	B	DAMP	B	Soil	ld	444	138	15634	7200	4256	1852	95	321	27160	193	8	19	66	36.4	0.1	62.6	110	930	224	ld	0	ld	12	ld	0	2	2	15.2	10	243	14
1566130	595549	7076600	9/1/2015	55	LB	DAMP	B	Soil	ld	390	224	10847	8634	3711	1461	69	313	25761	181	8	22	59	18.4	ld	52.5	137	1082	226	ld	1	9	ld	1	3	ld	2.2	12.8	ld	239	28
1566131	595523	7076601	9/1/2015	35	LB	DAMP	B	Soil	ld	431	194	9012	9741	3168	1242	61	380	21302	227	2	23	53	21.6	ld	47.2	145	1039	210	ld	ld	7	ld	3	0	ld	ld	8.7	ld	175	17
1566132	595501	7076601	9/1/2015	35	LB	DAMP	B	Soil	ld	251	101	9674	10244	3499	1334	59	349	25577	195	3	27	62	21	0.9	52.9	152	1025	247	ld	ld	3	4	ld	3	ld	1.6	13.3	14	177	ld
1566133	595497	7076497	9/1/2015	45	LB	DAMP	B	Soil	ld	305	54	12470	8489	3930	1751	79	446	26986	171	15	26	59	34.3	0.8	57.7	145	1062	229	ld	ld	2	6	ld	13	ld	3.9	9.8	2	229	ld
1566134	595528	7076503	9/1/2015	35	LB	DAMP	B	Soil	ld	ld	236	10619	7686	3588	1425	68	345	26613	197	15	23	53	22.1	0.2	51.5	115	861	197	ld	ld	ld	8	ld	4	0.4	1.3	13.8	ld	145	11
1566135	595550	7076499	9/1/2015	40	LB	DAMP	B	Soil	ld	56	239	10421	8550	3636	1327	77	466	25988	179	16	19	63	27.6	0.2	60.8	152	1206	259	1.4	ld	ld	20	4	14	ld	ld	12.9	ld	233	7
1566136	595576	7076500	9/1/2015	40	LB	DAMP	B	Soil	ld	454	98	15264	9382	4152	1655	82	409	30304	222	20	31	61	42.2	1.2	67	155	1333	265	ld	ld	ld	21	2	9	ld	0.9	13	ld	284	ld
1566137	595600	7076499	9/1/2015	25	LB	DAMP	B	Soil	ld	220	ld	14385	6164	3994	1712	91	384	29233	230	9	26	65	47.9	0.4	62.6	122	1244	203	ld	ld	ld	8	2	20	ld	1.5	10.2	ld	221	42
1566138	595627	7076498	9/1/2015	35	LB	DAMP	B	Soil	ld	524	ld	13268	8224	3946	1463	82	400	28882	248	3	23	59	18.2	0.6	62.9	152	1102	259	0.9	ld	ld	0	ld	7	ld	2	12.1	ld	203	ld
1566139	595649	7076500	9/1/2015	35	LB	DAMP	B	Soil	ld	248	53	17743	5938	4703	2107	107	508	29916	248	2	21	91	42.7	ld	79	110	894	206	0.3	3	15	11	ld	12	ld	0.2	14.1	ld	197	20
1566140	595674	7076499	9/1/2015	40	LB	DAMP	B	Soil	ld	191	ld	23144	2818	5295	2611	152	456	34306	253	4	28	97	56.1	0.5	81.4	70.4	1210	173	1	2	3	2	ld	13	ld	ld	11.7	ld	247	ld
1566141	595700	7076501	9/2/2015	40	LB	DAMP	B	Soil	ld	ld	22	22054	2246	5915	2558	145	543	41305	327	ld	31	85	12.3	0.1	86.2	55.5	883	230	0.8	ld	12	9	4	4	ld	1.4	13.3	ld	209	ld
1566142	595723	7076501	9/2/2015	40	LB	DAMP	B	Soil	ld	102	ld	24903	1155	6336	2692	168	1050	43960	222	23	20	93	13.7	ld	87.9	41.7	566	185	2.9	2	2	8	17	11	ld	ld	7.3	2	201	16
1566143	595751	7076499	9/2/2015	35	LB	DAMP	B	Soil	ld	2	65	19514	1314	4277	2039	101	315	29724	246	ld	23	67	39.5	0.3	74.9	63.1	688	198	ld	7	0	5	ld	8	ld	2.1	15.5	2	219	ld
1566144	595775	7076501	9/2/2015	35	B	DAMP	B	Soil	ld	ld	ld	17615	3208	4230	1843	103	294	28656	257	ld	19	52	15.1	ld	68	85	827	190	ld	7	4	ld	10	ld	ld	ld	15.6	ld	132	28
1566145	595800	7076500	9/2/2015	40	LB	DAMP	B	Soil	ld	148	34	26885	174	4810	2821	115	361	31133	214	9	26	109	20.3	1	91.1	48	1111	205	2.7	ld	7	18	ld	4	ld	1.5	22.3	ld	235	54
1566146	595825	7076502	9/2/2015	40	LB	DAMP	B	Soil	ld	966	ld	43657	207	6511	2365	168	482	58263	335	ld	27	85	17	0.6	112.2	45.3	1165	186	1.3	ld	ld	26	ld	10	0	5	25.3	ld	292	26
1566147	595851	7076500	9/2/2015	40	LB	DAMP	B	Soil	ld	228	141	33308	1141	6861	3330	154	432	39698	345	8	34	103	26.2	ld	100.5	62.4	1318	255	0.8	0	1	21	ld	15	ld	2.3	29.5	ld	255	18
1566148	596075	7076275	9/2/2015	35	LB	DAMP	B	Soil	ld	55	52	41005	1629	4088	2130	108	1402	26364	131	27	22	182	23.2	1.3	104.3	24.7	1112	133	0.1	3	3	16	1	4	ld	1.7	26.8	10	255	6
1566149	596075	7076250	9/2/2015	45	LB	DAMP	B	Soil	ld	1194	233	34628	1657	4355	2502	113	529	23684	190	4	26	162	22	1.7	93.5	33.7	519	130	0.8	0	2	14	5	ld	ld	2.3	99	2	205	50
1566150	596077	7076224	9/2/2015	40	LB	DAMP	B	Soil	ld	436	83	37360	813	4957	3068	134	515	29634	270	2	29	147	61	1.1	113.3	34.9	902	139	2.1	ld	8	7	ld	1	1.8	76	ld	163	72
1566151	596751	7077749	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	33	17076	4475	4229	2258	116	616	40694	312	10	32	69	9.3	0.3	57.4	51.9	926	150	ld	ld	4	19	ld	2	ld	0.1	13.8	6	187	63
1566152	596800	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	106	18462	6632	3534	2001	93	378	35420	216	1	21	67	5	1	51.7	56.5	824	161	ld	ld	ld	25	ld	3	ld	1.1	7.3	27	187	30
1566153	596851	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	621	188	19921	11682	5253	2065	45	529	37842	372	ld	16	77	10.5	1.3	82.5	104	690	160	ld	ld	5	27	8	15	ld	0.6	8	20	173	24
1566154	596899	7077749	9/3/2015	40	LB	DAMP	B	Soil	ld	233	256	21356	4218	4677	2351	139	562	48475	269	1	26	66	12.2	ld	66.9	36.6	565	115	ld	ld	ld	12	9	11	ld	5	6	27	168	61
1566155	596949	7077749	9/3/2015	50	B	DAMP	B	Soil	ld	130	312	28040	4822	3078	2434	60	300	20661	61	7	9	43	4.2	0	98.7	49.7	1395	158	ld	ld	ld	8	ld	8	ld	1.7	10.8	ld	445	22
1566156	597002	7077751	9/3/2015	35	LB	DAMP	B	Soil	440	ld	76	24642	2784	5187	2726	100	589	40837	262	ld	26	71	10	0.6	79.5	29.5	846	158	ld	ld	ld	22	ld	10	ld	4.1	9.8	ld	204	50
1566157	597049	7077750	9/3/2015	45	LB	DAMP	B	Soil	ld	123	127	22494	11939	4048	2194	90	374	36544	210	ld	20	54	6.5	ld	75.2	79	804	140	0.4	4	2	ld	ld	18	ld	2	9.4	ld	127	19
1566158	597100	7077776	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	170	14129	2087	4135	1825	80	404	37926	195	2	14	45	2.4	0.3	50.7	119	1356	150	ld	ld	5	13	0	9	ld	3.2	7.6	17	155	45
1566159	597150	7077774	9/3/2015	55	LB	DAMP	B	Soil	ld	14	171	20511	4028	4749	1938	93	485	32596	249	ld	19	56	14.9	1	74.5	89	953	175	ld	3	7	25	ld	8	ld	0.2	7.5	1	215	3
1566160	597200	7077774	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	251	23523	2740	4327	2155	94	440	34794	303	ld	23	62	9.2	ld	72.1	53.1	804	132	ld	ld	4	5	4	4	0.5	1.9	17.3	5	101	10
1566161	597250	7077774	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	62	27136	3763	5601	3374	143	659	50516	402	ld	34	82	10.6	0.3	91.2	45.2	1010	169	ld	ld	ld	21	2	13	0	0.8	8.5	40	285	63
1566162	597300	7077775	9/3/2015	45	LB	DAMP	B	Soil	ld	447	52	14093	5051	4293	1706	99	359	29180	196	ld	20	51	10.5	ld	57	98	825	226	0.8	ld	ld	6	0	8	ld	0.3	7.9	ld	114	9
1566163	597350	7077746	9/3/2015	35	LB	DAMP	B	Soil	ld	125	221	32596	9073	4185	2948	67	524	32704	202	ld	22	75	3.8	0.5	88.1	48.2	1270	166	ld	1	ld	14	ld	16	ld	ld	12.5	8	158	26
1566164	597399	7077750	9/3/2015	40	LB	DAMP	B	Soil	975	435	234	22252	5012	5649	2817	130	384	39900	229	11	29	83	27	1.2	66.6	65.7	1064	167	0.8	ld	ld	2	ld	9	ld	0.7	9.2	1	252	30
1566165	597450	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	301	142	12588	7517	4326	1689	88	377	33940	294	10	28	61	23.1	0.8	63.5	152	1381	259	0.7	ld	0	2	ld	5	ld	3.8	13.2	ld	240	ld
1566166	597500	7077751	9/3/2015	25	LB	DAMP	B	Soil	ld	407	14	18864	5023	4904	2446	132	520	36732	189	8	27	73	28.1	0.3	60.8	72.8	980	170	ld	ld	1	1	ld	ld	0.1	1.5	9.6	28	188	7
1566167	597551	7077749	9/3/2015	35	B	DAMP	B	Soil	ld	ld	118	21472	6742	4976	2395	122	765	36981	266	4	23	73	73.1	1	68.1	81.2	1218	168	ld	0	ld	12	ld	0	ld	1.6	10.1	55	164	32
1566167	597551	7077749	9/3/2015	35	LB	DAMP	B	Soil	465	ld	171	20149	8233	4785	2408	122	750	37146	204	19	26	74	65.6	0.4	65.7	81.3	1087	165	0.7	ld	1	8	ld	ld	0	2.8	9.5	12	192	20
1566167	597551	7077749	9/3/2015	35	LB	DAMP	B	Soil	ld	99	38	19573	6630	4793	2282	122	755	37027	221	16	28	75	70.5	ld	67.1	78.9	1207	164	ld	8	7	8	5	10	ld	1.7	10.6	21	110	57
1566168	597602	7077750	9/3/2015	45	LB	DAMP	B	Soil	942	ld	145	24671	8498	5180	2840	143	567	39629	206	16	31	76	20.3	1	82.7	78	1244	174	0.5	0	6	ld	ld	7	ld	3.6	12.1	6	213	48
1566169	597651	7077749	9/3/2015	45	LB	DAMP	B	Soil	ld	92	199	15191	4671	4163	2046	114	406	36764	242	0	23	47	16.2	0.3	59.9	47.3	645	131	ld	ld	ld	9	6	16	ld	ld	8	37	138	30
1566170	597700	7077751	9/3/2015	55	LB	DAMP	B	Soil	ld	414	47	15202	2036	4295	1941	108	390	32400	173	27	28	59	44.9	0.4	56	54.9	944	155	0.4	1	1	0	ld	16	ld	ld	11.6	6	140	40
1566171	597752	7077748	9/3/2015	35	LB	DAMP	B	Soil	ld	207	ld	16570	712	3910	2097	121	365	34954	216	18	28	72	21.7	0.5	57.9	41	1030	159	ld	ld	2	12	ld	6	ld	2.7	8.7	9	233	ld
1566172	597802	7077749	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	151	12367	5138	3510	1707	82	305	28970	236	4	15	59	7	ld	67.6	81	1109	199	1.2	ld	2	17	ld	0	ld	2.9	8.5	ld	183	10
1566173	597852	7077749	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	ld	21140	7908	4338	2693	125	561	39861	237	7	30	104	9.4	0.4	59.9	39.6	706	130	ld	ld	ld	22	8	6	ld	2.1	13.7	5	129	26
1566174	597901	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	92	ld	19929	2713	4305	2560	139	547	38724	252	8	31	74	21.1	0.4	70.9	30.6	1169	134	ld	ld	6	10	2	0	0.6	6.4	8	11	199	ld
1566175	597951	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	262	471	18805	408	4132	1929	80	303	27285	189	ld	27	57	13.2	0	69.4	41.5	635	150	ld	0	5	10	ld	ld	0	0.2	11.9	ld	179	ld
1566176	597998	7077749	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	608	22749	1700	5472	2766	231	631	41223	271	29	42	86	41.4	0.5	68.7	39.4	679	153	ld	ld	ld	33	ld	ld	3	ld	10.2	4	145	32
1566177	598049	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	655	19090	2824	3687	1773	66	290	27512	219	ld	15	53	5.7	0.4	74	60.4	742	208	ld	0	2	ld	ld	6	ld	3.9	15.5	ld	216	48
1566178	598100	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	208	480	18283	1294	4356	1854	161	404	35285	244	21	19	75	6.6	0.4	74.4	49.2	628	175	ld	0	3	21	ld	6	ld	1.9	9	35	211	ld
1566179	598152	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	166	554	23666	90	4720	2232	107	314	42015	255	4	22	67	138	ld	79.8	42.6	932	160	1.6	ld	ld	6	ld	18	ld	3	13.7	ld	238	ld
1566180	598201	7077749	9/3/2015	25	B	DAMP	B	Soil	ld	ld	509	19871	3056	4125	2091	94	327	30337	222	9	27	59	27.6	0.4	74.4	72.4	1105	171	ld	4	6	3	ld	11	ld	ld	11.6	20	216	ld
1566181	598251	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	276	688	21647	5837	5007	2469	130	435	34721	241	5	30	64	13.6	ld	71.1	86	1172	187	ld	ld	ld	9	0	15	ld	0.7	10	26	236	ld
1566182	598300	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	482	15986	2147	3655	1647	116	451	30661	198	2	18	49	59	0	79.7	60.4	831	155	ld	4	1	8	8	6	ld	0.8	13.1	ld	174	17
1566183	598351	7077748	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	755	24726	2360	4046	2173	152	602	32683	258	3	20	64	41.6	0.2	86.8	60.7	1191	197	1.6	ld	ld	19	ld	11	ld	3.6	14.2	ld	281	15
1566184	598401	7077751	9/3/2015	40	LB	DAMP	B	Soil	ld	454	694	11474	4875	3619	1806	272	829	32466	296	39	28	82	40	ld	46	54.5	678	116	ld	ld	5	1	2	8	ld	0.7	11	ld	153	50
1566185	598452	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	451	376	6715	2554	2112	927	58	252	14131	130	3	8	41.6	6.5	1	24.6	43.1	339	87.9	ld	1	8	7	8	ld	ld	ld	4	85	53	23
1566186	598502	7077650	9/3/2015	35	LB	DAMP	B	Soil	ld	229	755	12847	4266	4066	1705	100	446	31708	283	2	23	58	19.7	ld	59.2	94	1652	203	ld	4	ld	4	ld	9	ld	2.7	10.8	ld	268	7
1566187	598553	7077650	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	818	18810	3393	4574	2439	104	479	35118	196	13	28	74	16.3	1.2	59.7	48.8	941	161	ld	0	6	12	8	12	ld	ld	11.1	35	177	36
1566188	598602	7077651	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	788	9795	4150	3966	1141	62	249	28792	278	ld	11	50	15.2	0.1	47.8	90.7	556	201	ld	3	10	8	3	3	ld	3.6	12	38	150	ld
1566189	598652	7077647	9/3/2015	30	LB	DAMP	B	Soil	ld	ld	757	11057	1724	3556	1517	116	394	33811	176	10	18	61	88.2	0.8	48.4	45.3	721	144	ld	4	10	17	3	18	ld	ld	7.1	ld	86	10
1566190	598699	7077649	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	724	10818	5548	3862	1373	90	325	26452	261	2	18	52	19.3	0.3	46.2	112	829	222	ld	0	5	11	ld	ld	0.9	2.7	8.1	ld	165	ld
1566191	598750	7077650	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	665	14458	4732	4532	1969	101	424	30279	250	4	25	70	52.4	0	57.5	93	1326	207	ld	2	3	ld	1	ld	ld	2.7	8.6	ld	153	23
1566192	598799	7077649	9/3/2015	50	LB	DAMP	B	Soil	ld	387	514	11847	7041	3646	1503	82	371	26752	231	10	18	56	22.8	ld	45.9	113	1200	235	ld	ld	5	19	2	4	ld	1.1	8.1	ld	146	64
1566193	598850	7077649	9/3/2015	35	LB	DAMP	B	Soil	ld	29	257	9627	6531	2984	1406	66	475	22856	153	12	24	56	8.1	0.5	41.7	113	966	192	ld	ld	1	ld	11	2	ld	ld	9.4	68	105	4
1566193	598850	7077649	9/3/2015	45	LB	DAMP	B	Soil	ld	448	594	11640	6488	3221	1421	72	413	22351	200	7	21	58	6.5	0.6	45.9	106	994	172	ld	1	ld	ld	ld	4	ld	1.6	9.2	49	155	35
1566194	598903	7077650	9/3/2015	45	LB	DAMP	B	Soil	ld	638	366	8689	3261	2369	1181	93	543	26786	163	ld	12	44.8	19.4	ld	33.3	52.5	663	96.1	ld	3	10	ld	ld	7	ld	ld	5.5	6	61	23
1566195	598951	7077650	9/3/2015	55	LB	DAMP	B	Soil	ld	453	294	5401	2362	1896	708	41	159	12547	149	ld	6.6	32.5	8.1	ld	27.1	49.7	420	83.8	ld	2	5	ld	ld	4	ld	ld	3.8	56	60	ld
1566195	598951	7077650	9/3/2015	35	LB	DAMP	B	Soil	ld	362	465	3722	1633	1145	499	25	90	7792	62	ld	0.5	19.4	2.7	ld	15.1	28.9	193	41.9	ld	6	9	ld	ld	ld	ld	ld	0.9	ld	ld	ld
1566196	599001	7077649	9/3/2015	35	LB	DAMP	B	Soil	982	291	527	12839	7570	3979	1447	74	281	24949	204	ld	8	49	7.6	0.5	46.3	107	769	187	ld	ld	0	9	ld	8	ld	0.9	10.1	23	94	12
1566197	599001	7077550	9/3/2015	45	B	DAMP	B	Soil	ld	77	463	11754	4239	3589	1737	90	320	23668	173	1	16	48	13.1	0.4	56.9	71.4	836	182	ld	10	0	ld	ld	18	ld	ld	8.4	ld	184	35
1566198	598952	7077550	9/3/2015	35	LB	DAMP	B	Soil	ld	423	506	13752	4610	3834	1628	83	307	27214	164	20	19	60	15	ld	55.3	75.9	744	170	ld	2	14	16	ld	4	ld	3.1	9.8	4	111	19
1566199	598902	7077550	9/3/2015	40	LB	DAMP	B	Soil	ld	86	416	18664	3588	4702	2300	142	466	33267	255	19	21	66	22.2	0.6	67.8	61.4	1102	197	ld	ld	ld	14	1	13	ld	1.6	10	35	153	48
1566200	598849	7077549	9/3/2015	40	LB	DAMP	B	Soil	ld	92	374	14722	3980	3904	1734	80	414	26866	211	2	24	54	11.3	0.1	63.8	75.2	737	176	ld	4	10	5	0	5	ld	3.4	11.5	27	102	13
1566201	596074	7076175	9/2/2015	50	LB	DAMP	B	Soil	ld	223	44	49551	1057	5822	3815	148	782	40322	407	ld	48	216	9.3	0.2	150.7	31.9	929	162	1.3	ld	ld	34	11	13	ld	1	37.6	10	271	ld
1566202	596075	7076148	9/2/2015	35	LB	DAMP	B	Soil	ld	223	9	20343	3647	4813	2600	205	628	30429	227	16	31	73	63.4	ld	78.2	52.9	1308	168	ld	5	8	7	5	ld	1	4.1	15.1	36	124	53
1566203	596075	7076126	9/2/2015	45	LB	DAMP	B	Soil	ld	22	ld	22035	2376	4994	2581	193	638	30777	181	15	37	77	24.6	0.4	73.6	53.1	1166	170	ld	ld	3	12	ld	1	ld	3.2	11.7	3	240	19
1566204	596075	7076099	9/2/2015	45	LB	DAMP	B	Soil	ld	ld	ld	26132	418	5405	2723	134	644	33368	239	16	28	83	14.9	0.2	81.3	24.2	690	147	2.4	0	ld	20	ld	19	ld	0.1	8.6	16	217	30
1566205	596077	7076076	9/2/2015	55	LB	DAMP	B	Soil	ld	157	91	23318	2008	5499	2542	142	1150	36698	250	11	33	79	45.1	1.1	84.5	42.2	878	177	2.1	ld	2	10	ld	2	ld	ld	12.6	ld	182	41
1566206	596075	7076050	9/2/2015	35	LB	DAMP	B	Soil	ld	419	147	17522	5498	3916	1826	97	364	34279	314	ld	24	61	34.6	0.7	61.1	90	547	154	3.8	ld	0	8	ld	10	ld	ld	9.5	ld	169	1
1566207	596074	7076026	9/2/2015	35	LB	DAMP	B	Soil	ld	34	ld	18291	2242	3944	1447	87	257	23395	142	1	16	34.4	15.3	ld	74.5	59.1	384	123	0	ld	3	ld	17	6	ld	1	13.3	ld	80	116
1566208	596075	7076000	9/2/2015	40	LB	DAMP	B	Soil	ld	392	83	11474	3157	3724	1409	86	615	26929	247	ld	19	57	36.9	ld	48.1	63	681	129	ld	0	2	0	ld	5	ld	ld	7.4	0	70	28
1566209	596075	7075974	9/2/2015	40	LB	DAMP	B	Soil	ld	203	425	22297	2433	4647	2094	114	524	45765	419	ld	23	62	20.7	0.9	79.2	85	843	150	2.4	13	ld	13	3	3	ld	1.1	13.9	19	157	69
1566209	596075	7075974	9/2/2015	40	LB	DAMP	B	Soil	ld	283	225	20012	3059	4524	1840	101	417	38090	281	ld	19	58	14.7	ld	66.7	90	964	159	3.7	ld	3	11	ld	3	ld	ld	16.2	12	188	ld
1566209	596075	7075974	9/2/2015	35	LB	DAMP	B	Soil	ld	684	51	20520	2761	4291	1804	102	352	35495	302	ld	19	57	14.9	0.9	71.2	87	741	149	0.9	ld	ld	26	ld	7	ld	3	14.7	26	141	46
1566210	596076	7075950	9/2/2015	45	LB	DAMP	B	Soil	ld	771	186	34065	1256	5064	2368	115	492	39120	292	ld	23	61	50.3	1.8	106.9	64.9	633	138	1.5	ld	5	8	7	3	ld	4.6	16.8	27	143	37
1566211	596076	7075924	9/2/2015	40	B	DAMP	B	Soil	ld	ld	198	18872	2796	4280	1748	96	487	40506	319	ld	22	69	9.1	0.1	64.9	64.7	593	138	1.2	0	ld	20	ld	6	ld	0.4	17.9	ld	176	32
1566212	596074	7075899	9/2/2015	50	LB	WET	B	Soil	ld	ld	91	15999	4234	3339	1506	66	338	31983	282	ld	14	55	23.4	0.2	62.8	95	946	153	2	1	8	ld	ld	ld	0.5	2.8	17.6	24	163	26
1566213	596074	7075875	9/2/2015	35	LB	DRY	B	Soil	ld	ld	160	19706	4348	2815	1524	46	325	27860	223	ld	13	59	9.1	0.3	68.3	99	831	170	ld	ld	ld	3	ld	3	ld	1.9	20.1	ld	214	ld
1566214	596075	7075850	9/2/2015	45	LB	DAMP	B	Soil	ld	ld	76	25629	3594	3748	1849	54	475	36048	175	ld	27	96	25	ld	78.8	66.5	747	147	0.2	ld	7	22	3	21	ld	ld	53	24	232	65
1566215	596075	7075826	9/2/2015	45	LB	DAMP	B	Soil	ld	11	160	29509	3822	4993	2255	82	851	58174	501	ld	50	87	81	ld	95.1	76	733	101	ld	ld	3	25	ld	5	ld	1	42	ld	170	14
1566216	596074	7075800	9/2/2015	55	LB	DAMP	B	Soil	ld	79	25	28620	6908	4259	1943	37	1223	79657	582	ld	89	74	18.9	ld	87.4	93	905	73	ld	1	7	16	14	16	ld	0	33	3	90	50
1566217	596076	7075776	9/2/2015	35	LB	DAMP	B	Soil	ld	323	11	28296	1747	3134	2162	43	389	31300	251	ld	21	44	32.3	ld	110.9	59.2	685	236	ld	ld	8	7	ld	ld	2	2.2	19.9	ld	251	65
1566218	596076	7075751	9/2/2015	40	LB	DAMP	B	Soil	ld	ld	91	26391	5430	4197	1920	76	816	46841	457	ld	49	159	19.1	ld	86.7	85	1032	109	1.1	ld	ld	6	1	15	ld	ld	55	25	99	4
1566219	596074	7075724	9/2/2015	40	LB	DAMP	B	Soil	ld	147	10	16547	7104	4386	1910	66	771	48673	391	ld	34	68	25.5	0.7	54	101	1188	144	ld	ld	ld	21	6	22	ld	0.6	24.4	30	239	ld
1566220	596074	7075701	9/2/2015	40	LB	DAMP	B	Soil	ld	349	105	23703	18897	5330	1972	63	822	63175	418	ld	52	158	49	0.6	82.1	148	831	96	ld	ld	ld	9	ld	17	ld	1	51	51	99	7
1566220	596074	7075701	9/2/2015	40	LB	DAMP	B	Soil	ld	806	316	19978	16269	4596	1754	73	763	58673	438	ld	46	147	51	0.2	73.6	164	899	108	1.5	ld	6	29	6	18	ld	2	43	ld	207	32
1566221	596074	7075675	9/2/2015	40	LB	DAMP	B	Soil	ld	ld	17	14673	10353	3966	1406	70	614	54303	417	ld	37	169	9	ld	61.6	131	794	148	ld	8	8	10	2	13	ld	ld	131	4	76	24
1566222	596075	7075650	9/2/2015	40	B	DAMP	B	Soil	ld	406	84	10873	6324	3604	1119	74	348	27469	269	10	38	169	10.4	ld	60.1	134	1245	279	ld	ld	1	8	2	13	ld	2.3	35.5	24	165	3

Appendix 4: Kate Project - Compiled Tabulated Results - Soils XRF

1566223	596074	7075623	9/2/2015	40	LB	DAMP	B	Soil	ld	223	83	25865	5861	4088	2180	78	494	35257	320	ld	37	153	6.5	0.2	99.5	91	1573	179	ld	ld	ld	1	11	2	0.7	2.9	47.1	ld	201	110
1566224	596075	7075598	9/2/2015	40	LB	DAMP	B	Soil	ld	81	21	14157	3466	3488	1632	81	438	25727	231	ld	28	114	16.9	ld	73.5	102	1254	207	ld	ld	ld	13	2	7	ld	ld	46.5	17	304	86
1566225	596075	7075551	9/2/2015	40	LB	DAMP	B	Soil	ld	1072	113	21507	975	4394	1845	87	380	36381	349	ld	21	114	16.2	0.4	68.6	87	724	168	1.9	ld	1	11	ld	6	0.5	ld	54	60	154	17
1566226	596075	7075551	9/3/2015	40	LB	DAMP	B	Soil	ld	1231	112	20519	1938	4098	1932	67	382	30887	214	ld	27	120	12.1	0.1	66.8	90	648	171	0.8	1	0	11	ld	1	0.9	2.4	57	25	217	ld
1566227	596075	7075524	9/3/2015	40	LB	DAMP	B	Soil	ld	340	376	15119	2307	2730	1546	56	207	17807	154	1	9	52	3.6	ld	95.5	86.3	810	228	ld	ld	8	16	9	ld	ld	3.8	17	6	220	11
1566228	596076	7075501	9/3/2015	40	LB	DAMP	B	Soil	ld	192	123	8205	3960	3458	1176	95	285	22943	300	ld	22	42.4	11.9	0.2	63.5	127	1257	243	1.3	ld	4	4	9	7	ld	0.5	9.2	ld	348	31
1566229	596100	7075500	9/3/2015	40	LB	DAMP	B	Soil	ld	346	ld	9874	5016	3484	1240	60	257	26271	238	3	13	49	8.6	ld	61.7	129	796	253	ld	ld	0	17	ld	8	ld	ld	17.5	ld	221	11
1566230	596126	7075500	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	161	17287	2994	3580	2474	67	222	20559	97	ld	8	62	8.5	0.3	88.5	107	1123	267	ld	ld	11	ld	6	ld	1.5	13.6	ld	284	77
1566231	596151	7075498	9/3/2015	40	LB	DAMP	B	Soil	ld	179	165	15459	3040	3086	1421	64	199	18631	150	ld	5	49	5.8	0.1	86.1	92	684	230	0.6	3	0	13	2	5	ld	1.1	14.6	ld	331	50
1566232	596175	7075498	9/3/2015	40	LB	DAMP	B	Soil	ld	233	127	14604	3766	3064	1436	48	235	20615	188	2	8	46	7.6	0.3	88.9	112	927	255	ld	1	6	12	ld	9	ld	3.5	15.7	ld	183	8
1566233	596202	7075500	9/3/2015	40	LB	DAMP	B	Soil	ld	289	ld	11512	5017	3561	1455	96	293	27697	246	0	34	63	10.1	ld	64.7	143	1844	263	ld	7	9	13	7	19	ld	1.3	16.6	ld	275	25
1566234	596226	7075499	9/3/2015	40	LB	DAMP	B	Soil	ld	384	86	9689	5047	3468	1122	51	230	22463	182	2	9	45	8.7	ld	65.1	128	791	245	ld	1	ld	2	6	0	ld	3.9	11.1	7	227	44
1566235	596249	7075499	9/3/2015	40	LB	DAMP	B	Soil	ld	169	112	15145	4106	3387	1500	59	267	20048	113	3	7	47	8.6	0.4	89.2	127	980	257	ld	0	2	5	0	9	ld	1.3	12.5	ld	260	5
1566236	596275	7075499	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	54	13041	3375	3538	1690	82	385	28445	255	ld	23	98	43.7	ld	71.5	158	1263	213	1.8	ld	ld	6	ld	1	ld	3.1	46.4	ld	378	25
1566237	596299	7075501	9/3/2015	40	B	DAMP	B	Soil	ld	ld	72	29296	4368	6185	2563	89	1522	60088	276	1	46	142	9	ld	97	45.4	1295	124	ld	1	7	23	16	21	ld	2	46	ld	138	69
1566238	596327	7075501	9/3/2015	50	LB	DAMP	B	Soil	ld	414	ld	15091	5614	3667	1690	71	370	24080	187	3	18	85	7.9	0.5	67.1	100	842	200	ld	0	5	3	ld	3	ld	2.7	65	41	195	28
1566239	596351	7075503	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	64	20458	2573	3717	1812	76	441	28364	200	3	34	138	3.4	ld	91.1	57.7	911	163	ld	ld	0	14	ld	1	ld	0.4	106	ld	158	51
1566240	596375	7075500	9/3/2015	45	LB	DAMP	B	Soil	ld	315	18	24743	3160	4124	2139	89	503	29747	236	0	40	139	11.6	1	97.9	69.4	1184	170	ld	ld	0	6	ld	10	ld	0.3	72	ld	155	32
1566241	596401	7075500	9/3/2015	45	LB	DAMP	B	Soil	ld	115	98	33038	1557	4744	2399	81	768	40118	199	7	64	304	9	1.3	102.5	48.3	1132	148	ld	ld	4	34	ld	ld	1	4.4	132	3	237	80
1566242	596426	7075499	9/3/2015	55	LB	DAMP	B	Soil	ld	ld	276	18605	3290	3817	1874	86	533	29031	215	ld	30	141	11.8	1.2	85.8	66.2	917	181	ld	ld	5	16	7	3	ld	4.9	107	8	189	76
1566243	596449	7075499	9/3/2015	35	LB	DAMP	B	Soil	ld	159	2	18012	4702	3185	1643	72	355	21093	148	3	16	98	88	0.1	74.5	82.3	909	188	1.2	4	3	23	15	ld	0	3.7	69	ld	278	57
1566244	596476	7075500	9/3/2015	35	LB	DAMP	B	Soil	ld	513	136	26270	2110	4363	2094	83	889	31141	122	11	22	155	100	0	92.3	49.9	1301	200	0.5	ld	1	4	ld	22	ld	ld	158	5	290	69
1566245	596501	7075498	9/3/2015	35	LB	DAMP	B	Soil	ld	384	215	5446	2753	905	625	45	530	9662	147	ld	16	129	67.5	ld	45.3	26.7	266	54.2	ld	7	9	ld	0	ld	ld	ld	93	21	32	10
1566246	596502	7077750	9/3/2015	35	LB	DAMP	B	Soil	ld	451	ld	9546	15755	3179	1342	74	409	25870	231	ld	27	48	8.6	0.1	45.2	136	827	185	ld	1	5	ld	14	ld	ld	8.1	9.6	ld	196	4
1566247	596551	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	732	186	7520	12501	2743	1086	56	438	19391	202	ld	14	35	6.9	1.2	37.3	137	766	171	ld	0	8	ld	5	10	ld	ld	6	ld	111	1
1566248	596575	7077751	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	178	10193	10593	3656	1296	88	480	24344	209	8	22	54	9.2	ld	48.1	159	1036	229	3	6	1	14	21	ld	ld	0.8	9.7	ld	161	39
1566249	596598	7077751	9/3/2015	40	LB	DAMP	B	Soil	ld	98	ld	14671	10979	3939	2478	95	678	29754	141	16	23	59	7.9	0	53	120	851	171	ld	1	0	15	2	9	ld	4.3	8.7	25	172	1
1566250	596652	7077750	9/3/2015	40	LB	DAMP	B	Soil	ld	69	84	11736	10226	3946	1402	69	364	25589	276	ld	18	49	7.3	0	60.3	134	983	207	ld	1	7	13	ld	ld	ld	2.7	5.9	34	229	20
1566251	596701	7077749	9/3/2015	40	LB	DAMP	B	Soil	ld	97	205	16612	7690	3837	1829	102	397	28960	210	9	17	56	6.6	0.6	57.4	88	1057	170	ld	5	1	7	1	4	0.3	1.3	9.5	ld	231	21
1566253	598799	7077550	9/3/2015	25	LB	DAMP	B	Soil	ld	ld	328	12913	5286	3721	1467	76	331	28098	248	5	21	56	11	0.6	54.2	105	823	187	ld	0	0	1	ld	ld	ld	0.8	9.9	ld	166	ld
1566254	598749	7077551	9/3/2015	35	LB	DAMP	B	Soil	ld	327	380	22692	5506	5115	2656	213	644	38190	298	28	38	80	22.5	ld	76.9	85	1079	208	ld	ld	0	13	ld	ld	2	2.6	12.2	23	191	36
1566255	598701	7077550	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	327	13814	4834	3966	1824	97	389	29671	296	ld	28	56	12.5	0	51.7	102	1010	198	ld	ld	ld	1	ld	ld	1.3	2.8	9.7	37	206	46
1566256	598650	7077550	9/3/2015	40	LB	DAMP	B	Soil	ld	251	381	14680	7412	4053	2084	96	416	31656	228	2	29	61	11.1	ld	58.6	127	931	179	ld	ld	ld	14	ld	12	ld	3.3	10	ld	283	40
1566257	598600	7077549	9/3/2015	40	LB	DAMP	B	Soil	ld	52	591	15456	6974	4847	1907	138	457	36829	236	19	27	68	21.2	0.7	57	130	1304	205	0.5	6	0	10	ld	7	ld	0.7	10.6	ld	232	10
1566258	598551	7077550	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	400	10226	6470	3898	1353	75	330	27999	194	18	28	48	13.4	ld	53	138	1137	230	ld	0	8	14	ld	2	ld	1.6	10.2	ld	161	61
1566259	598502	7077553	9/3/2015	45	LB	DAMP	B	Soil	ld	ld	396	13523	5755	4450	1613	103	395	32860	313	2	29	61	15.7	0.3	64.5	111	953	238	ld	ld	ld	22	1	ld	0.3	2.2	11.3	5	188	ld
1566260	598451	7077649	9/3/2015	45	LB	DAMP	B	Soil	ld	119	584	15662	2408	4753	2034	106	534	40862	292	7	28	72	23.3	0.8	62.5	59.4	585	185	ld	ld	ld	11	9	12	ld	1	15.7	ld	184	23
1566261	598402	7077648	9/3/2015	35	B	DAMP	B	Soil	ld	384	322	12015	4187	3878	1598	81	305	27192	191	3	16	52	23.5	0.1	51.8	96	964	212	ld	0	8	9	11	13	ld	ld	7.7	ld	199	66
1566262	598349	7077649	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	254	11505	3828	4274	1521	107	283	33281	312	9	44	58	68.5	ld	58.5	98	1324	229	0.4	8	5	7	2	ld	1	4.7	13.1	ld	290	13
1566263	598301	7077652	9/3/2015	40	LB	DAMP	B	Soil	ld	72	241	16464	2109	5288	2210	122	438	35124	125	29	34	82	18	1	52.2	64.2	1203	164	ld	ld	ld	5	ld	ld	0.6	4.3	6.8	47	205	23
1566264	598250	7077648	9/3/2015	25	LB	DAMP	B	Soil	ld	59	371	13218	3138	5291	2022	191	464	40792	280	24	29	72	9.7	0.2	53.4	74.4	604	167	ld	ld	5	8	1	4	ld	1.9	9.7	19	145	14
1566265	598200	7077650	9/3/2015	35	LB	DAMP	B	Soil	ld	ld	520	26474	1214	7292	3558	148	528	51638	388	ld	31	94	7.9	0.5	91	58	907	200	ld	8	2	20	2	12	ld	ld	19.3	ld	227	18
1566266	598148	7077651	9/3/2015	35	LB	DAMP	B	Soil	ld	149	375	26728	2020	6183	3474	148	403	40569	314	8	36	88	5.2	1.6	111.3	51.1	1355	215	2.5	ld	ld	2	ld	12	ld	4	11.1	ld	256	22
1566267	598100	7077653	9/3/2015	40	LB	DAMP	B	Soil	ld	ld	371	14951	6268	4299	2235	225	511	36993	252	16	24	79	55.2	0.3	46.2	49.3	580	129	0.5	4	ld	6	7	13	ld	ld	9.5	12	180	ld
1566268	598051	7077651	9/3/2015	40	LB	DAMP	B	Soil	ld	59	482	26033	5334	5360	3172	363	398	47806	358	49	35	84	41	0.4	85.3	76.9	743	160	0.4	ld	11	20	ld	3	2	5.5	13.9	22	103	39
1566269	601875	7075707	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	357	9977	8727	2638	1345	120	333	23620	135	22	14	38	3.4	0.3	37.5	99	636	143	ld	ld	6	3	7	ld	0.7	1.8	10.9	5	134	34
1566270	601777	7075689	9/6/2015	40	LB	DAMP	B	Soil	ld	186	157	9068	7741	3052	1177	99	290	23007	171	20	16	40.5	8.1	0.4	36.7	100	838	175	2.5	4	ld	6	ld	3	ld	2.2	9.3	2	160	11
1566271	601677	7075670	9/6/2015	25	LB	WET	B	Soil	ld	104	231	10000	8006	3021	1292	103	391	23684	163	23	14	49	7.6	ld	43.8	110	698	200	0.6	ld	ld	6	8	9	ld	2	8.9	ld	171	45
1566272	601579	7075685	9/6/2015	35	LB	DRY	B	Soil	ld	373	270	11654	12964	3430	1881	208	441	30041	218	22	26	64	7.7	0.1	49.1	126	892	156	0.4	6	2	18	ld	0	ld	1.3	11	7	240	26
1566273	601477	7075696	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	223	15388	13967	3403	2056	226	526	32342	255	33	28	71	12.1	ld	54.4	89	826	132	0.3	1	ld	18	ld	ld	1.3	5.1	8.2	14	172	18
1566274	601378	7075706	9/6/2015	40	LB	DAMP	B	Soil	ld	398	425	10017	6895	3450	1547	119	368	26896	321	9	33	47	14	0.7	51	132	1163	219	ld	ld	0	21	ld	1	ld	1.5	9.9	49	220	92
1566275	601279	7075727	9/6/2015	40	LB	DAMP	B	Soil	ld	12	184	12796	6315	3245	1376	131	383	26474	206	22	17	48	10.1	0.2	55.9	108	944	192	ld	ld	ld	8	ld	5	ld	ld	10.2	21	203	43
1566276	601178	7075745	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	207	15077	6542	3315	1443	145	297	25461	170	16	14	49	10.2	0.8	73.3	76.6	719	173	ld	0	1	4	4	5	ld	1.2	11.6	ld	126	68
1566277	601075	7075748	9/6/2015	25	LB	DAMP	B	Soil	ld	157	319	16250	3730	2799	1388	68	249	22208	164	9	19	48	9	0	81.2	73.3	637	174	ld	2	ld	5	1	6	ld	0.5	15.8	ld	287	ld
1566278	600975	7075735	9/6/2015	35	LB	DAMP	B	Soil	ld	271	220	14895	6503	3797	1735	103	449	31281	334	ld	21	62	11.9	0.1	66.6	72.5	732	154	0.7	ld	ld	3	ld	5	ld	2.6	9.1	ld	196	42
1566279	600871	7075750	9/6/2015	35	LB	DAMP	B	Soil	ld	131	224	12474	5466	3834	1612	104	448	30976	239	ld	23	60	7	ld	63.1	56.9	671	163	0.7	1	ld	ld	ld	8	ld	1.2	9.7	ld	154	15
1566280	600000	7077198	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	378	16712	4780	3917	1786	94	357	28811	222	4	26	64	27.3	ld	67.6	87	893	224	ld	ld	ld	16	17	8	ld	ld	26.2	4	177	54
1566281	599950	7077202	9/6/2015	40	LB	DAMP	B	Soil	ld	48	147	24200	2709	3849	2128	93	333	26795	245	1	21	64	14.6	0.5	90.5	57.7	877	165	ld	ld	ld	20	17	2	ld	2	16.9	26	244	49
1566282	599898	7077200	9/6/2015	40	B	DAMP	B	Soil	ld	189	179	24593	2521	4748	2515	130	381	33510	274	8	45	84	149	ld	90	49.9	1139	236	ld	1	0	16	ld	14	ld	1.4	14.8	32	270	42
1566283	599850	7077200	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	378	31644	2082	4791	2818	144	585	34620	264	18	46	96	110	0.1	116.9	29.7	1107	145	2.1	1	6	26	ld	8	ld	0.9	42.4	18	183	37
1566284	599802	7077201	9/6/2015	45	LB	DAMP	B	Soil	ld	210	386	15093	6268	3775	1672	93	412	29840	239	16	35	58	16.6	0.2	56.9	116	1268	234	ld	2	7	7	4	ld	2.1	1.9	18.2	ld	174	19
1566285	599774	7077201	9/6/2015	35	LB	DAMP	B	Soil	ld	191	187	22645	2488	4547	2484	142	413	34379	264	15	43	75	20.8	0.8	82.7	49.8	1191	209	0.2	ld	ld	2	ld	7	ld	0.9	10.7	ld	205	54
1566286	599749	7077200	9/6/2015	40	LB	DAMP	B	Soil	ld	259	238	22894	793	4746	2343	141	519	37393	226	21	41	80	5.2	0.6	69.6	20.3	902	129	0.4	ld	ld	14	5	8	ld	1	21.2	41	199	40
1566287	599726	7077200	9/6/2015	40	LB	DAMP	B	Soil	ld	146	217	19299	2194	4306	1992	94	243	26525	265	ld	20	55	19.9	ld	68	52.4	558	148	ld	ld	7	ld	ld	9	ld	ld	12.3	24	158	ld
1566288	599699	7077200	9/6/2015	25	LB	DAMP	B	Soil	ld	ld	307	27059	ld	4945	2237	276	726	50203	254	45	26	44	14.3	0.7	84.4	11.6	1297	135	1.4	ld	ld	10	ld	3	ld	0.6	21.5	16	160	6
1566289	599676	7077200	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	387	20266	484	5608	2046	94	646	54194	366	15	35	86	0.8	1.1	64.8	29.5	850	141	ld	ld	ld	9	1	9	ld	ld	26.5	13	196	13
1566290	599650	7077200	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	97	24095	ld	5831	2392	106	494	54434	294	6	33	111	6.9	1.1	74.5	19.7	553	147	0.5	0	ld	18	2	2	ld	0.9	14.1	14	153	52
1566291	599624	7077200	9/6/2015	40	LB	DAMP	B	Soil	ld	100	189	17383	2014	4481	1621	91	383	37361	266	ld	21	102	20.3	ld	58.4	74.5	842	190	ld	0	ld	ld	7	3	ld	3	21.7	ld	158	42
1566292	599601	7077201	9/6/2015	40	LB	DAMP	B	Soil	ld	84	184	18937	1993	4720	1711	83	384	39735	213	22	32	129	22.4	0.4	71	57.8	861	185	ld	3	1	6	ld	ld	ld	1.1	42.8	ld	155	22
1566293	599574	7077199	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	425	28570	1420	6952	2747	134	949	64656	356	ld	43	159	12.1	0.6	82.7	22.2	1161	146	ld	ld	6	15	ld	16	ld	ld	51	ld	213	112
1566294	599549	7077204	9/6/2015	35	B	DAMP	B	Soil	ld	250	159	27365	2222	4908	2339	115	501	37288	270	13	27	96	9.5	0.1	93.6	58	1191	195	ld	2	1	4	ld	25	ld	ld	45.7	ld	226	50
1566295	599523	7077202	9/6/2015	40	LB	DAMP	B	Soil	ld	201	282	27664	1630	4208	2447	131	301	33303	239	5	23	53	5	ld	84.8	43.7	1126	176	1.9	ld	ld	4	ld	18	ld	0.9	15.6	13	114	60
1566296	599500	7077203	9/6/2015	40	LB	DAMP	B	Soil	ld	307	187	32461	1392	4976	2618	111	487	39216	292	ld	37	74	9.5	1	99.6	37.9	1282	182	1.5	0	4	9	ld	12	ld	4.3	21.5	ld	203	45
1566297	599475	7077199	9/6/2015	25	LB	DAMP	B	Soil	ld	160	255	20056	3510	5582	2188	77	710	36284	208	5	17	70	6.3	ld	69.9	72.4	813	210	ld	7	3	13	8	25	ld	0	14.3	ld	176	21
1566298	599424	7077203	9/6/2015	35	LB	DAMP	B	Soil	ld	ld	429	18589	1349	4208	2424	80	657	53075	315	ld	50	56	0.8	0.5	58	19.4	1314	128	ld	ld	9	ld	ld	0.4	2.6	11.6	8	167	4
1566299	599451	7077300	9/6/2015	35	LB	DAMP	B	Soil	ld	277	220	13721	4198	4053	1679	91	225	24506	260	ld	17	35.4	14.9	0.3	57	98	1026	225	ld	ld	19	ld	14	ld	2.2	13.5	ld	170	49
1566300	599476	7077301	9/6/2015	40	LB	DAMP	B	Soil	ld	ld	278	12511	4800	3458	1251	80	210	25899	278	ld	27	43	9.7	ld	55.5	130	900	260	0.9	3	ld	4	21	6	ld	ld	18.1	ld	266	ld
1566301	606136	7074482	7/16/2015	40	LB	DAMP	B	Soil	ld	116	830	10275	24298	2525	1594	71	510	31918	274	1	19	29	6.3	ld	32.1	147	546	86	ld	ld	0	18	10	2	2.3	0.2	5.3	74	36
1566302	606119	7074380	7/16/2015	40	B	DAMP	B	Soil	ld	ld	844	18274	389	2363	1409	25	142	16609	137	ld	9	18.5	6.8	0	60.1	47.5	844	236	0.1	ld	ld	19	ld	7	ld	1	2.6	ld	218	ld
1566303	606062	7074298	7/16/2015	45	LB	DAMP	B	Soil	ld	760	15948	ld	1990	1158	36	157	11730	86	ld	17	14.3	2.7	ld	52.3	25.1	1210	169	ld	3	2	ld	ld	4	ld	1.8	5.9	1	183	58
1566304	605998	7074222	7/16/2015	35	LB	DAMP	B	Soil	ld	50	1101	22959	6492	4013	1742	14	527	46781	266	ld	11	52	5.7	ld	84.3	83	989	155	ld	2	ld	40	ld	0	ld	1	13.7	ld	197	1
1566305	605940	7074139	7/16/2015	25	LB	DAMP	B	Soil	ld	513	788	11580	1809	2680	1061	42	147	17058	110	ld	4.8	23.6	6.2	0	56.1	62.1	504	155	ld	5	7	ld	14	ld	ld	5	20	93	10
1566306	605901	7074042	7/16/2015	45	LB	DAMP	B	Soil	ld	ld	595	16970	1170	2444	1400	42	104	12343	110	ld	1	18.3	2	0.4	77.9	45	422	157	ld	3	9	4	ld	12	ld	ld	7.8	13	107	18
1566307	605843	7073956	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	978	20816	3362	3253	1609	29	153	22637	198	ld	12	15.8	3.1	0	70.3	102	811	158	ld	2	ld	ld	9	ld	ld	4.8	6.1	ld	217	35
1566308	605763	7073871	7/16/2015	40	B	DAMP	B	Soil	ld	38	935	22480	2305	3142	2029	58	194	17381	149	8	6	17.6	2.6	ld	78.6	52	571	208	ld	ld	4	9	ld	5	ld	2.5	5.5	35	205	145
1566309	605710	7073801	7/16/2015	35	LB	DAMP	B	Soil	ld	153	748	26040	2505	5136	1591	50	581	32537	287	ld	13	55	3	0.8	68.3	61.5	1884	230	ld	2	2	17	ld	1	0	4	8.6	51	205	37
1566310	605625	7073745	7/16/2015	35	LB	DAMP	B	Soil	ld	178	697	22461	2254	4341	1581	25	635	36678	181	ld	13	101	4.5	0.3	64.6	54.7	825	198	ld	ld	0	16	ld	8	ld	2.2	26.9	26	231	24
1566311	605562	7073669	7/16/2015	40	LB	DAMP	B	Soil	ld	171	797	23148	2428	4580	2118	59	470	33605	231	ld	24	59	6.7	0.1	70.4	41.2	754	152	ld	ld	6	6	ld	16	ld	1	5.9	ld	156	46
1566312	605469	7073712	7/16/2015	40	LB	DAMP	B	Soil	ld	304	754	16910	800	6104	1991	69	594	41193	237	ld	27	70	3.2	ld	46	23.1	544	169	ld	ld	ld	25	4	ld	ld	1.5	7.5	ld	203	13
1566313	605379	7073756	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	714	14129	4305	4206	1768	64	653	38485	203	ld	22	64	5	0.7	48	41.4	865	159	ld	4	5	ld	ld	0	ld	1.7	7.2	ld	81	3
1566317	605286	7073803	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	614	22225	12386	7373	2428	26	1920	79708	414	ld	43	147	2.3	0.8	53	123	1516	136	ld	ld	7	22	2	13	ld	4	70	27	112	33
1566318	605192	7073845	7/16/2015	45	LB	DAMP	B	Soil	ld	ld	698	18579	2168	4088	1366	29	335	36571	206	ld	10	88	5.9	ld	61.1	48.9	854	237	ld	ld	ld	9	5	0	0.9	1.2	29.1	ld	213	29
1566319	605098	7073888	7/16/2015	35	LB	DAMP	B	Soil	ld	373	852	18747	13365	3320	1379	30	613	42275	210	ld	7	29.2	6.2	0.2	55.6	133	1644	210	ld	5	1	4	ld	8	ld	2.8	9.7	ld	100	75
1566320	605009	7073942	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	788	28673	2881	4212	1915	57	627	32828	206	ld	14	41	6.2	1	86.5	58.5	1728	263	ld	ld	6	23	ld	ld	ld	3.8	10.6	ld	265	70
1566321	604923	7073989	7/16/2015	40	LB	DAMP	B	Soil	ld	32	906	20220	3700	3486	1178	35	585	28472	182	1	11	148	7.6	ld	67.1	62.6	1035	209	ld	ld	11	7	ld	14	ld	ld	31.3	20	106	15
1566322	604830	7074035	7/16/2015	40	LB	DAMP	B	Soil	ld	32	1518	26323	6551	7383	3478	58	1850	98239	549	ld	52	185	7.9	0.5	74.7	60.9	1227	120	ld	ld	23	ld	14	ld	5	54	ld	102	86
1566323	604760	7074106	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	942	18333	7222	4028	1664	57	650	39005	230	4	20	70	5.9	ld	56.2	106	1401	201	ld	0	4	ld	18	ld	ld	15.3	2	197	40
1566324	594292	7075356	7/18/2015	40	LB	DAMP	B	Soil	ld	301	118	10274	17605	3130	1048	74	411	21791	186	3	22	46	6.9	ld	47.7	197	1053	298	ld	ld	8	1	ld	8	ld	0.9	11.4	ld	212	27
1566324	594292	7075356	7/18/2015	50	LB	DAMP	B	Soil	ld	301	118	10274	17605	3130	1048	74	411	21791	186	3	22	46	6.9	ld	47.7	197	1053	298	ld	ld	8	1	ld	8	ld	0.9	11.4	ld	212	27
1566325	594489	7075133	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	274	11756	7241	3302	1217	76	388	21453	206	ld	18	51	7.1	0.4	67.3	147	1325	255	0.8	ld	ld	17	ld	10	ld	1.6	16.5	ld	262	52
1566325	594489	7075133	7/18/2015	45	LB	DAMP	B	Soil	ld	ld	274	11756	7241	3302	1217	76	388	21453	206	ld	18	51	7.1	0.4	67.3	147	1325	255	0.8	ld	ld	17	ld	10	ld	1.6	16.5	ld	262	52
1566326	594640	7075001	7/18/2015	40	LB	DAMP	B	Soil	ld	166	187	16939	4178	2694	1047	52	239	16962	137	3	9	51	4.4	0.5	95.2	126	939	232	0.9	ld	ld	18	2	ld	ld	4.2	20	ld	251	33
1566326	594640	7075001	7/18/2015	45	LB	DAMP	B	Soil	ld	166	187	16939	4178	2694	1047	52	239	16962	137	3	9	51	4.4	0.5	95.2	126	939	232	0.9	ld	ld	18	2	ld	ld	4.2	20	ld	251	33
1566327	594691	7074914	7/18/2015	40	B	DAMP	B	Soil	ld	44	278	11541	4598	3141	894	48	341	18093	217	ld	13	39.6	5.7	0.3	80.8	119	848	211	1.3	1	ld	13	5	ld	ld	1	16.5	ld	190	49
1566327	594691	7074914	7/18/2015	45	LB	DAMP	B	Soil	ld	44	278	11541	4598	3141	894	48	341	18093	217	ld	13	39.6	5.7	0.3	80.8	119	848	211	1.3	1	ld	13	5	ld	ld	1	16.5	ld	190	49
1566328	594771	7074716	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	87	15287	4495	3205	1183	60	257	20628	237	ld	11	49	5.3	0.7	86.1	129	1057	236	1.1	ld	ld	2	17	5	ld	1.2	16	ld	272	5
1566328	594771	7074716	7/18/2015	55	B	DAMP	B	Soil	ld	ld	87	15287	4495	3205	1183	60	257	20628	237	ld	11	49	5.3	0.7	86.1	129	1057	236	1.1	ld	ld	2	17	5	ld	1.2	16	ld	272	5
1566329	594854	7074534	7/18/2015	40	LB	DAMP	B	Soil	ld	189	131	27148	1322	3426	1723	60	374	22294	100	2	9	53	2.7	0.3	121.1	92	796	220	1.1	ld	1	20	ld	ld	0.4	6.5	19	6	381	38
1566329	594854	7074534	7/18/2015	35	LB	DAMP	B	Soil	ld	189	131	27148	1322	3426	1723	60	374	22294	100	2	9	53	2.7	0.3	121.1	92	796	220	1.1	ld	1	20	ld	ld	0.4	6.5	19	6	381	38
1566330	594904	7074339	7/18/2015	40	LB	DAMP	B	Soil	ld	117	191	44658	ld	3523	2333	80	230	21921	169	ld	5	42	3.6	0.3	203.7	55.1	1246	278	ld	ld	3	21	ld	ld	ld	4.1	10.2	ld	378	57
1566330	594904	7074339	7/18/2015	40	LB	DAMP	B	Soil	ld	117	191	44658	ld	3523	2333	80	230	21921	169	ld	5	42	3.6	0.3	203.7	55.1	1246	278	ld	ld	3	21	ld	ld	ld	4.1	10.2	ld	378	57
1566331	595306	7074604	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	238	28875	277	3129	2104	80	428	26406	156	ld	9	63	3	ld	105.3	119	1768	247	1.9	0	2	17	4	13	ld	2.1	24	ld	400	34
1566331	595306	7074604	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	238	28875	277	3129	2104	80	428	26406	156	ld	9	63	3	ld	105.3	119	1768	247	1.9	0	2	17	4	13	ld	2.1	24	ld	400	34
1566332	595496	7074677	7/18/2015	40	LB	DAMP	B	Soil	ld	66	146	18033	13886	3945	1759	112	613	37669	354	3	37	57	5.4	0.1	64	114	1206	164	ld	3	ld	16	ld	6	ld	3.1	12.3	20	178	23
1566332	595496	7074677	7/18/2015	45	LB	DAMP	B	Soil	ld	66	146	18033	13886	3945	1759	112	613	37669	354	3	37	57	5.4	0.1	64	114	1206	164	ld	3	ld	16	ld	6	ld	3.1	12.3	20	178	23
1566333	595783	7074768	7/18/2015	40	LB	DAMP	B	Soil	ld	189	161	30810	2647	9291	2887	193	566	51938	392	14	10	62	3.3	0	136.1	34.2	962	161	ld	5	6	ld	8	ld	1.2	15.9	27	22	11
1566333	595783	7074768	7/18/2015	45	LB	DAMP	B	Soil	ld	189	161	30810	2647	9291	2887	193	566	51938	392	14	10	62	3.3	0	136.1	34.2	962	161	ld	5	6	ld	8	ld	1.2	15.9	27	22	11
1566335	595962	7074854	7/18/2015	40	LB	DAMP	B	Soil	ld	82	47	14203	2688	2678	1433	53	563	17066	99	ld	7	46.8	4.5	ld	72.3	69.7	540	231	1.4	3	1	ld	9	ld	0.7	ld	7.4	ld	193	37
1566335	595962	7074854	7/18/2015	40	LB	DAMP	B	Soil	ld	82	47	14203	2688	2678	1433	53	563	17066	99	ld	7	46.8	4.5	ld	72.3	69.7	540	231	1.4	3	1	ld	9	ld	0.7	ld	7.4	ld	193	37
1566336	596104	7074995	7/18/2015	40	LB	DAMP	B	Soil	ld	263	77	10687	3732	3307	1500	79	372	23210	319	3	29	43	7.3	ld	63.4	114	1264	214	0	ld	ld	19	ld	0	ld	2.6	18	15.4	8	266	28
1566336	596104	7074995	7/18/2015	40	LB	DAMP	B	Soil	ld	263	77	10687	3732	3307	1500	79	372	23210	319	3	29	43	7.3	ld	63.4	114	1264	214	0	ld	ld	19	ld	0	ld	2.6	18	15.4	8	266	28
1566337	596291	7075213	7/18/2015	40	LB	DAMP	B	Soil	ld	177	228	8912	4372	3585	1184	68	234	21142	280	ld	13	48	8.6	0.3	59.7	113	872	227	2	3	ld	19	0	13	ld	4.7	15	ld	164	26
1566337	596291	7075213	7/18/2015	40	LB	DAMP	B	Soil	ld	177	228	8912	4372	3585	1184	68	234	21142	280	ld	13	48	8.6	0.3	59.7	113	872	227	2	3	ld	19	0	13	ld	4.7	15	ld	164	26
1566338	594775	7074181	7/18/2015	40	B	DAMP	B	Soil	ld	ld	121	46506	666	5371	2672	174	431	35532	236	ld	12	72	3.4	0.3	213	75.6	1736	223	ld	1	7	12	1	12	ld	3.5	27.1	ld	323	1
1566338	594775	7074181	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	121	46506	666	5371	2672	174	431	35532	236	ld	12	72	3.4	0.3	213	75.6	1736	223	ld	1	7	12	1	12	ld	3.5	27.1	ld	323	1
1566339	594729	7073987	7/18/2015	40	LB	DAMP	B	Soil	ld	152	17840	4356	3265	1429	90	326	23827	208	9	19	55	7	ld	104.2	132	1426	217	ld	2	ld	6	ld	0	ld	3.1	17.6	ld	261	59
1566339	594729	7073987	7/18/2015	40	LB	DAMP	B	Soil	ld	152	17840	4356	3265	1429	90	326	23827	208	9	19	55	7	ld	104.2	132	1426	217	ld	2	ld	6	ld	0	ld	3.1	17.6	ld	261	59
1566340	594638	7073809	7/18/2015	25	LB	DAMP	B	Soil	ld	1597	280	26438	3772	4431	1579	67	265	33015	267	ld	27	71	11.4	ld	135.6	148	751	296	ld	4	10	17	ld	11	ld	1.9	54	ld	316	58
1566340	594638	7073809	7/18/2015	40	LB	DAMP	B	Soil	ld	1597	280	26438	3772	4431	1579	67	265	33015	267	ld	27	71	11.4	ld	135.6	148	751	296	ld	4	10	17	ld	11	ld	1.9	54	ld	316	58
1566341	595628	7077288	7/18/2015	40	B	DAMP	B	Soil	ld	64	403	9796	11222	3513	1202	79	399	27490	134	12	25	62	11.4	0.3	47.7	174	1095	270	1.2	ld	5	5	ld	0	ld	2.5	12.1	ld	143	38
1566342	595620	7077187	7/18/2015	25	LB	DAMP	B	Soil	ld	253	148	10113	13260	3490	1194	67	447	28687	190	14	28	53	12.1	ld	44.4	180	1057	262	0.9	ld	4	10	ld	14	ld	ld	10.8	ld	206	21
1566343	595582	7077095	7/18/2015	35	LB	DAMP	B	Soil	ld	18	5	10453	16294	3488	1259	59	449	26833	207	8	29	57	14	ld	51	197	1075	250	0.9	0	ld	8	10	ld	0.2	11	15.1	ld	151	ld
1566344	595550	7076997	7/18/2015	35	LB	DAMP	B	Soil	ld	223	90	7937	10566	2977	1037	64	473	22822	181	7	16	53	17	ld	42.3	148	875	216	ld	2	2	5	2	ld	1.4	6.7	7	168	15
1566345	595483	7076917	7/18/2015	35	LB	DAMP	B	Soil	ld	249	35	8739	16918	3237	994	71	401	21321	219	5	22	48	13.5	ld	43.6	188	1026	308	ld	ld	6	7	2	ld	7.6	13	256	46
1566346	595464	7076817	7/18/2015	45	LB	DAMP	B	Soil	1143	347	11	11531	18007	3723	1098	70	436	26512	239	14	18	57	11.8	0	51.1	203	1026	288	0.4	ld	19	13	5	ld	2.6	14.6	ld	228	54
1566347	595433	7076724	7/18/2015	45	LB	DAMP	B	Soil	165	293	ld	10763	16683	3764	1235	80	457	25799	189	12	30	51	12.3	ld	49	191	1150	306	0.2	ld	1	ld	11	ld	ld	12.5	ld	188	7
1566348	595382	7076637	7/18/2015	55	LB	DAMP	B	Soil	ld	292	141	8295	10147	3368	1030	69	382	24466	189	ld	12	56	11.8	ld	44.8	173	841	280	ld	ld	2	3	11	ld	1.9	11.9	ld	190	26
1566349	595339	7076541	7/18/2015	35	LB	DAMP	B	Soil	ld	ld	17	11853	7289	3438	1359	73	459	23002	195	7	19	59	45.8	0.6	57.5	140	920	232	ld	3	3	ld	8	ld	1	0.2	11.1	7	161	ld
1566350	595318	7076444	7/18/2015	35	LB	DAMP	B	Soil	ld	301	ld	15690	6435	3861	1692	84	476	27540	215	17	17	54	63.5	0.1	67.9	124	1037	229	3.7	ld	2	18	6	3	ld	2.7	15.8	ld	227	ld
1566351	595301	7076402	7/18/2015	45	LB	DAMP	B	Soil	ld	2619	115	21483	6100	4211	2154	95	443	27411	217	12	29	74	11.2	0.3	77.2	86	1082	182	ld	ld	0	1	5	7	ld	2.1	27.7	10	193	27
1566352	595351	7076400	7/18/2015	40	LB	DAMP	B	Soil	ld	513	43	16152	7697	3814	1939	95	522	27111	226	12	31	59	23.6	ld	70.7	108	952	179	ld	1	0	13	ld	10	ld	1	20.3	3	204	51
1566353	595395	7076397	7/18/2015	40	LB	DAMP	B	Soil	ld	79	145	20803	6817	4120	1945	90	374	29898	231	16	26	63	21.3	0.3	80.1	102	816	161	ld	3	ld	7	ld	4	ld	2.8	16.7	ld	116	5
1566354	602903	7075247	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	77	13723	9846	4043	1624	95	391	29953	250	10	22	63	16.1	ld	63.8	125	1064	213	ld	1	ld	11	ld	ld	2	3.2	11.7	ld	177	14
1566355	602948	7075249	7/18/2015	40	LB	DAMP	B	Soil	ld	161	178	19541	14652	4601	2293	110	522	40795	338	11	37	78	54.9	ld	69.3	96	857	158	ld	ld	2	15	ld	6	1	0.1	15.4	ld	161	22
1566356	603001	7075250	7/18/2015	45	LB	DAMP	B	Soil	ld	298	234	8812	5653	3644	1122	75	302	28118	228	15	12	41	16.2	ld	68.5	133	842	253	1.4	1	5	5	ld	11	ld	2.4	16	ld	188	8
1566357	603049	7075250	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	144	25791	10062	4049	2681	140	712	35098	163	38	40	86	30.7	0.5	79	67.7	1023	138	ld	ld	ld	12	9	7	ld	0.1	12	ld	255	21
1566358	603102	7075249	7/18/2015	40	LB	DAMP	B	Soil	ld	53	92	8584	7120	3423	1025	63	329	23369	262	ld	17	46	10.5	ld	48.2	153	992	253	ld	ld	9	9	0	6	ld	1.5	9.6	6	182	ld
1566359	603149	7075249	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	167	8605	8965	3788	1265	88	574	28673	193	ld	14	103	7.5	ld	46.8	117	749	193	ld	1	4	5	4	ld	2.2	11.7	1	101	33
1566360	602765	7075095	7/18/2015	50	LB	DAMP	B	Soil	ld	110	176	13636	8626	4164	1642	91	378	30477	276	2	24	65	28	ld	59.7	111	1002	220	1.7	ld	ld	2	4	0.1	1.2	13	ld	202	54
1566361	602801	7075048	7/18/2015	35	LB	DAMP	B	Soil	ld	8	297	11701	8274	3604	1258	76	316	27004	219	14	18	46	27.4	ld	57.6	145	1095	229	ld	0	8	2	0	ld	3.3	12.4	ld	185	20
1566362	594333	7073595	7/17/2015	40	LB	DAMP	B	Soil	ld	ld	259	13423	4042	3496	1202	60	272	28186	231	ld	22	43	5.8	0	64.8	109	767	195	0.8	0	ld	21	13	12	ld	3	10.4	3	212	0
1566363	594508	7073648	7/17/2015	35	LB	DAMP	B	Soil	ld	419	274	31497	429	2536	1976	50	130	22073	165	ld	5	55	1.1	0.5	140.6	76.1	527	225	ld	ld	ld	7	ld	ld	0.7	38.2	7	218	60
1566364	594196	7075328	7/17/2015	40	LB	DAMP	B	Soil	ld	ld	152	7102	8937	2395	867	67	325	18990	218	3	14	43	9.7	ld	37.9	145	723	193	ld	4	5	23	ld	7	ld	ld	8.5	ld	146	6
1566365	594376	7075293	7/17/2015	40	LB	DAMP	B	Soil	ld	377	97	10376	18877	3770	1085	64	407	21435	205	12	30	54	8.7	0.6	47.3	184	855	266	ld	5	ld	16	ld	2	0.4	0.8	11.4	10	181	70
1566366	594418	7075200	7/17/2015	40	LB	DAMP	B	Soil	ld	370	264	9308	17246	3197	1188	80	456	21804	256	4	19	53	10.2	0.4	45.8	192	975	217	ld	3	4	ld	11	ld	ld	8.9	ld	179	28
1566367	594554	7075052	7/17/2015	35	LB	DAMP	B	Soil	ld	ld	43	16733	5016	3243	1208	74	262	18592	196	3	16	53	3.8	0.9	83.4	136	1119	243	ld	ld	18	ld	4	ld	3.9	15.7	9	269	0
1566368	594744	7074820	7/17/2015	35	LB	DAMP	B	Soil	ld	154	143	15726	2020	2071	884	43	186	16066	158	5	14	42.2	2.4	ld	94.2	81.8	686	196	1.5	ld	2	ld	14	17	2	ld	4.2	14.8	32	104	1
1566369	594817	7074632	7/17/2015	40	LB	DAMP	B	Soil	ld	39	197	31132	954	2616	1527	52	255	18103	105	7	9	49	2.3	1.4	118.3	86.7	636	197	ld	ld	4	16	ld	7	ld	4.8	17.8	14	395	17
1566370	594869	7074438	7/17/2015	40	LB	DAMP	B	Soil	ld	105	127	11946	3227	3561	1276	94	313	25374	333	ld	21	51	9.4	0.2	62	136	954	220	ld	ld	ld	8	ld	1	0.5	1.5	22.4	ld	216	ld
1566371	594993	7074383	7/17/2015	40	B	DAMP	B	Soil	ld	ld	83	22272	ld	1608	1349	42	392	17309	86	4	3	62	2.8	ld	151	73.2	1033	189	ld	ld	ld	8	ld	3	ld	2.4	16.8	ld	325	66
1566372	595084	7074436	7/17/2015	45	LB	DAMP	B	Soil	ld	ld	105	12660	4861	3159	1381	56	456	23450	167	18	18	61	8.1	ld	73.4	122	683	187	ld	6	20	ld	15	ld	0.8	17.7	ld	264	34
1566373	595133	7074532	7/17/2015	35	LB	DAMP	B	Soil	ld	24	162	12530	3188	2560	1159	56	194	22554	180	ld	10	50	6.3	ld	79.4	79.5	556	183	ld	1	3	ld	13	ld	1.6	23.3	ld	211	28
1566374	595196	7074607	7/17/2015	40	LB	DAMP	B	Soil	ld	ld	100	26649	2473	1992	1317	51	959	18119	84	6	11	108	2.9	0.4	150.3	85.3	781	179	ld	ld	ld	22	3	13	ld	0.3	25.8	11	209	23
1566375	595392	7074646	7/17/2015	45	LB	DAMP	B	Soil	ld	ld	253	23668	185	3187	1612	51	349	25953	162	5	14	86	3.6	ld	120.2	57.3	512	251	ld	4	1	16	3	ld	ld	4.6	17.7	ld	236	88
1566376	595577	7074721	7/17/2015	45	LB	DAMP	B	Soil	ld	ld	136	15529	9155	4379	2134	97	698	36305	184	18	26	45	8.3	0.5	62.5	107	859	171	ld	1	6	8	13	8	ld	1.7	12.3	ld	174	43
1566377	595674	7074762	7/17/2015	45	LB	DAMP	B	Soil	ld	ld	160	15426	4446	3001	1677	68	580	16546	117	ld	9	57	13.2	0.3	89.7	96	702	187	ld	5	8	1	0	9	ld	ld	14.3	9	129	ld
1566378	595874	7074778	7/17/2015	45	LB	DAMP	B	Soil	ld	ld	143	14301	2791	3290	1223	66	265	21888	198	15	14	43	6.5	0.4	72.7	93	625	213	1.1	4	1	10	ld	8	ld	1.8	16.3	ld	143	39
1566379	596040	7074894	7/17/2015	55	LB	DAMP	B	Soil	ld	24	34	39761	36	4001	2667	87	337	26126	220	11	86	6.2	0.4	161.8	104	1172	230	3.2	ld	20	0	8	ld	4.4	24.6	ld	433	71
1566380	596166	7075051	7/17/2015	35	LB	DAMP	B	Soil	ld	ld	287	18059	2480	3179	1576	68	195	17853	85	2	7	41	3.1	ld	87.2	108	821	242	1.2	ld	1	6	1	16	ld	1.7	17.3	ld	276	18
1566381	596217	7075143	7/17/2015	35	LB	DAMP	B	Soil	ld	36	56	16722	2306	2628	1319	56	242	15326	54	3	6	41.8	4.9	0.5	120.7	72.7	526	211	ld	0	15	15	3	ld	1	10.5	23	120	28
1566382	596380	7075259	7/17/2015	40	LB	DAMP	B	Soil	ld	332	133	9110	3338	3178	1144	66	432	20827	171	0	8	50	6	ld	46.9	88.3	525	203	ld	1	0	10	ld	ld	2.6	10.1	17	177	14
1566383	594823	7074276	7/17/2015	40	B	DAMP	B	Soil	ld	285	12	16562	1580	2257	1184	59	153	16954	130	5	13	48	8.1	ld	105.9	101	1360	215	ld	2	14	3	11	ld	1.1	21.1	ld	416	55
1566385	594744	7074090	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	36	18399	3920	3603	1371	90	338	23486	198	1	11	45	4.3	ld	116.2	111	834	218	ld	1	7	ld	1	11	ld	1.1	19	ld	282	32
1566385	594744	7074090	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	36	18399	3920	3603	1371	90	338	23486	198	1	11	45	4.3	ld	116.2	111	834	218	ld	1	7	ld	1	11	ld	1.1	19	ld	282	32
1566386	594680	7073898	7/18/2015	40	LB	DAMP	B	Soil	ld	235	139	23401	2336	2563	1399	47	252	20794	211	8	9	42	5.7	ld	103.4	115	738	206	ld	ld	31	24	4	ld	2.8	17.2	5	278	58
1566386	594680	7073898	7/18/2015	35	LB	DAMP	B	Soil	ld	235	139	23401	2336	2563	1399	47	252	20794	211	8	9	42	5.7	ld	103.4	115	738	206	ld	ld	31	24	4	ld	2.8	17.2	5	278	58
1566387	594569	7073733	7/18/2015	40	LB	DAMP	B	Soil	ld	31	48	35581	252	3598	1614	51	496	29080	125	8	8	90	3.1	1.6	146.3	44.8	804	188	ld	ld	1	12	ld	0	ld	5.3	10.2	ld	349	24
1566387	594569	7073733	7/18/2015	40	B	DAMP	B	Soil	ld	31	48	35581	252	3598	1614	51	496	29080	125	8	8	90	3.1	1.6	146.3	44.8	804	188	ld	ld	1	12	ld	0	ld	5.3	10.2	ld	349	24
1566388	594435	7073576	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	181	31410	551	3951	2144	53	203	19831	97	ld	9	25.9	8.3	ld	114.7	59.6	230	192	0.4	3	38	13	2	ld	5.3	7	12	122	71
1566388	594435	7073576	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	181	31410	551	3951	2144	53	203	19831	97	ld	9	25.9	8.3	ld	114.7	59.6	230	192	0.4	3	38	13	2	ld	5.3	7	12	122	71
1566392	602869	7074852	7/18/2015	40	LB	DAMP	B	Soil	ld	139	129	26833	1663	3910	2513	81	434	28332	170	2	15	53	51.6	0	91.8	40.4	951	183	0.1	ld	ld	10	2	0	ld	2.9	19.5	ld	283	74
1566393	602854	7074899	7/18/2015	45	LB	DAMP	B	Soil	ld	148	155	15463	6207	3548	1470	68	265	22992	191	6	16	49	39	ld	70.2	101	1217	233	ld	ld	18	19	6	ld	1.5	13.6	ld	308	21
1566394	602835	7074949	7/18/2015	40	LB	DAMP	B	Soil	ld	93	93	10069	11242	3551	1440	93	1310	28443	226	41	50	20.9	0.2	51.5	157	1499	244	ld	3	5	4	4	1.2	11.7	ld	239	0
1566395	602815	7074994	7/18/2015	40	LB	DAMP	B	Soil	ld	444	138	11194	12276	4154	1416	81	457	26839	236	12	23	58	15.1	ld	55.1	190	1267	240	ld	ld	9	13	ld	ld	0.9	13.9	ld	311	50
1566396	602702	7075252	7/18/2015	25	LB	DAMP	B	Soil	ld	282	305	13097	10444	4033	1758	101	449	34171	369	ld	36	71	34.9	0.3	62.5	139	1359	223	ld	ld	8	ld	6	9	ld	1.5	13.1	15	217	34
1566397	602751	7075249	7/18/2015	45	LB	DRY	B	Soil	ld	346	109	11784	8547	3609	1652	109	789	32508	238	7	25	73	38.2	0.4	54.4	117	824	181	ld	3	4	7	8	ld	0.8	11.8	ld	163	54
1566398	602798	7075245	7/18/2015	30	LB	DAMP	B	Soil	ld	332	117	14594	7091	3897	1903	109	379	32686	197	17	27	66	93.2	0.2	61.4	81.8	756	183	ld	ld	0	ld	6	ld	1.9	8.2	ld	174	32
1566399	602851	7075253	7/18/2015	20	LB	DAMP	B	Soil	ld	341	91	11785	9112	3847	1515	87	375	30233	320	ld	25	65	14.6	0.1	63.2	129	864	233	0	ld	12	ld	2	ld	1.4	10.4	ld	277	7
1566452	600515	7075140	7/15/2015	35	LB	DAMP	B	Soil	ld	25	157	11457	2362	2889	1706	82	274	18410	191	1	9	36.5	7.5	1	66	75.4	1018	202	ld	ld	5	24	13	8	ld	0.3	10.3	13	215	18
1566453	600316	7075183	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	361	21298	3728	3705	2884	196	379	28974	128	10	22	78	12.6	0.1	58.7	53.6	1240	126	2.2	ld	8	4	ld	2	ld	2.1	29	46	159	20
1566454	600119	7075164	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	124	23417	117	2196	1329	23	353	21482	90	3	5	31.8	0.3	ld	112.4	23.6	450	189	ld	0	7	ld	6	ld	2.1	11.5	37	146	53
1566455	599813	7075148	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	129	18476	65	2639	1593	45	159	26292	200	ld	6	42.8	6.8	0.2	87.2	15.3	603	172	ld	ld	8	ld	8	ld	1.6	2	14.3	16	154	6
1566456	599628	7075063	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	218	8534	2997	2539	1017	48	231	22885	278	18	11	28.9	6.3	ld	52.6	85	764	198	ld	ld	2	ld	10	ld	ld	10.7	125	6
1566457	599428	7075023	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	157	7587	3691	3195	877	64	195	20901	213	8	15	25.6	8	ld	50.3	120	769	240	ld	10	2	3	3	ld	1.5	10.9	ld	204	65
1566458	599230	7074978	7/15/2015	45	LB	DAMP	B	Soil	ld	471	360	9915	3499	3526	1114	77	251	27825	236	14	8	51	8.4	ld	71.7	91.9	540	215	ld	4	7	4	15	ld	2.6	13.3	14	149	44
1566459	599027	7074994	7/15/2015	45	LB	WET	B	Soil	ld	240	318	15278	400	2436	988	34	368	17936	73	1	2.7	26.2	3.1	ld	96.9	49.4	462	198	ld	ld	0	ld	13	ld	ld	9.3	ld	166	51
1566460	598737	7075028	7/15/2015	30	LB	DRY	B	Soil	ld	ld	374	20617	275	3680	1963	56	543	35379	224	3	23	57	2.2	0.5	89.4	14.5	949	184	ld	4	3	7	7	ld	1.1	6.1	43	82	68
1566461	598537	7075099	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	366	6350	22893	9423	1458	62	600	53903	460	ld	18	48	5.8	ld	15.5	212	1081	217	0.7	ld	ld	8	3	9	ld	0.9	3.3	ld	133	ld

Appendix 4: Kate Project - Compiled Tabulated Results - Soils XRF

1566462	598336	7075066	7/15/2015	40	LB	DAMP	B	Soil	ld	482	64	24245	451	4404	2692	183	451	28453	206	21	28	94	70.2	ld	69.1	22.1	419	128	0.6	ld	7	9	ld	ld	3	2.2	9.3	ld	176	17
1566463	598037	7075147	7/15/2015	50	B	DAMP	B	Soil	ld	ld	580	7109	5373	3884	1156	82	337	29511	214	8	12	51	1.7	ld	33.3	132	792	198	ld	ld	ld	5	ld	ld	2.1	2.2	11.3	ld	161	41
1566464	597833	7075178	7/15/2015	35	LB	DAMP	B	Soil	ld	106	384	10341	4303	4652	1894	115	945	33912	345	ld	25	79	10.9	ld	44.6	69.9	577	191	1.2	ld	1	17	ld	15	ld	1	9.9	ld	208	0
1566465	597640	7075249	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	67	19874	498	5041	2482	103	331	32086	254	2	27	66	1.4	ld	78.1	44	605	151	1.5	ld	ld	11	ld	13	ld	ld	9.9	ld	158	19
1566466	597446	7075185	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	252	11562	3002	3861	1488	84	313	26124	304	0	18	55	12.2	0.5	54.6	95	745	214	ld	ld	ld	17	1	ld	0.4	4	10.4	20	134	0
1566467	597349	7075162	7/15/2015	55	LB	DAMP	B	Soil	ld	3	294	12869	3270	3850	1627	80	334	29458	236	12	30	54	13.5	0.6	49.6	107	1132	217	ld	ld	4	11	24	ld	0.6	1.9	9.7	ld	256	30
1566468	597180	7075065	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	152	19910	1661	4761	2059	64	844	54796	436	ld	60	67	53.7	0.1	84.3	36.9	1959	93	ld	ld	4	ld	ld	5	ld	1.7	20	0	170	26
1566469	596948	7075260	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	151	18021	1120	3062	1299	52	215	23394	176	ld	11	44	6.7	0.3	65.8	62	612	182	ld	2	ld	8	ld	ld	ld	2.9	11.8	40	178	36
1566470	596759	7075310	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	237	8474	3784	3513	1367	71	282	29570	208	ld	12	42	12.2	0.9	40.6	111	820	176	1	1	5	23	24	2	0.4	ld	10.7	7	149	5
1566471	596555	7075321	7/15/2015	35	LB	DAMP	B	Soil	ld	203	278	19276	1040	3787	1671	86	139	26605	191	ld	9	41	65.5	ld	83.1	58.9	315	140	4.9	ld	ld	ld	14	6	ld	0.4	10.3	ld	92	38
1566472	596291	7075472	7/15/2015	40	LB	DAMP	B	Soil	ld	118	227	26407	1783	5997	2996	167	740	38079	374	ld	49	162	100	ld	66.4	155	1602	146	ld	ld	0	20	ld	9	ld	ld	52	10	292	63
1566473	600611	7075180	7/15/2015	40	LB	DAMP	B	Soil	ld	221	137	6172	3538	2804	912	56	241	27193	220	ld	13	33	7.6	ld	38.5	105	610	163	ld	4	7	ld	5	3	ld	ld	9.8	ld	159	54
1566474	600412	7075148	7/15/2015	25	LB	DAMP	B	Soil	ld	ld	316	28036	178	4518	2995	223	356	32795	300	0	25	72	4.4	0.2	74	54.7	2671	213	1.3	ld	ld	10	4	13	ld	1	20.6	ld	157	9
1566475	600219	7075155	7/15/2015	35	B	DAMP	B	Soil	ld	ld	193	22990	ld	1683	1541	35	162	12993	71	9	7	31	6.4	ld	88.8	50.9	896	153	ld	ld	ld	ld	8	4	ld	4.2	8.6	13	268	94
1566476	600018	7075146	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	197	17567	2567	3191	2146	197	454	30487	227	22	33	59	2.6	0.7	56.2	29.8	413	140	ld	ld	ld	12	1	17	ld	1.5	12.1	13	131	33
1566477	599912	7075168	7/15/2015	40	LB	DAMP	B	Soil	ld	279	208	23160	162	2774	2203	86	245	26471	190	ld	16	53	3.5	ld	75.2	20.5	1069	155	ld	0	3	4	1	9	ld	1.7	12.7	17	186	39
1566478	599721	7075106	7/15/2015	40	LB	DAMP	B	Soil	ld	3	172	11580	3705	3073	1137	59	321	22124	218	ld	9	38.4	17	0.4	52.7	99	710	209	ld	1	3	14	ld	13	ld	2.3	13.6	39	180	12
1566479	599527	7075043	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	208	15316	1518	2373	1368	56	264	16676	99	8	7	37.1	10	ld	94.3	61.9	806	194	ld	1	4	20	ld	2	ld	2.8	12.4	ld	227	9
1566480	599330	7074996	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	387	17722	1069	2176	1045	38	190	14096	79	6	7	33	4.1	0.6	97.1	41.6	539	196	ld	1	1	20	ld	9	ld	2	13.8	ld	200	30
1566481	599127	7074990	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	36	32101	ld	4111	2492	91	480	31284	248	ld	13	47	2.5	0.1	103.7	73.1	1093	214	ld	ld	3	12	ld	17	0.1	2.9	52	8	378	60
1566482	598928	7075018	7/15/2015	50	LB	DAMP	B	Soil	ld	194	296	16305	1278	5791	2522	210	746	34721	190	22	45	92	5.6	0.7	46.7	20.1	623	152	1.5	ld	3	14	0	1	1	1.3	7.5	ld	230	72
1566483	598835	7075057	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	290	30976	ld	4308	2658	68	271	28396	240	2	7	43	1.7	0.3	93	41.6	978	188	0.6	ld	3	22	ld	11	ld	1.7	23	5	202	5
1566484	598638	7075097	7/15/2015	45	LB	DAMP	B	Soil	ld	170	184	20689	871	2573	1999	44	229	19472	154	ld	8	38.6	3.7	0.6	79.6	53.3	770	185	ld	ld	ld	20	9	15	ld	0.9	13.1	25	102	27
1566485	598430	7075101	7/15/2015	45	LB	DAMP	B	Soil	ld	161	193	27649	46	4559	2468	70	416	36772	242	ld	17	74	3.1	1.1	100	16.9	870	192	ld	1	1	11	ld	8	ld	0.7	12.2	ld	202	72
1566486	598233	7075086	7/15/2015	55	LB	DAMP	B	Soil	ld	371	346	18630	2513	3533	1832	70	492	28509	246	4	24	42	9.4	0.4	81.2	88	1256	207	ld	ld	1	4	11	14	ld	2.1	12.4	ld	163	35
1566487	598136	7075131	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	191	20004	17913	4246	2466	73	561	44228	250	ld	19	71	0.9	0.7	59.1	293	796	124	0	0	ld	21	14	1	1.6	2.6	15.3	ld	195	ld
1566488	597935	7075172	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	314	7919	7827	4325	1191	65	412	29185	246	ld	9	56	4.7	ld	40.8	128	857	204	ld	ld	ld	ld	ld	1	ld	0.4	9	ld	153	ld
1566489	597736	7075216	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	77	13629	6111	4145	1809	106	483	33021	262	6	23	63	16	0.1	51.5	108	932	200	0	1	ld	6	ld	10	ld	ld	11.2	ld	198	30
1566490	597545	7075206	7/15/2015	35	LB	DAMP	B	Soil	ld	739	328	24739	ld	4374	1910	92	307	29920	179	9	28	98	23.7	0.6	82.9	60.4	1047	148	1.1	ld	ld	3	ld	ld	1.9	3.5	21.4	8	191	56
1566491	597245	7075146	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	237	23813	1073	2279	1354	47	347	18831	143	9	7	38.5	18.8	ld	86.3	45.8	1014	204	ld	ld	3	ld	4	ld	0	3	12.4	19	200	16
1566492	597091	7075116	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	259	13003	968	2740	1358	51	237	19302	142	ld	15	48	6.2	ld	50.2	45.8	710	279	ld	ld	8	5	ld	5	ld	1.2	19.7	ld	247	28
1566493	597016	7075184	7/15/2015	25	B	DAMP	B	Soil	ld	ld	428	24855	1163	6465	2846	160	781	47627	280	7	44	71	10.6	0.1	76.1	59.1	795	179	ld	ld	0	0	9	4	ld	ld	11.5	32	259	14
1566494	596860	7075310	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	253	21528	913	3881	2035	151	363	38443	294	0	29	69	7.4	1.1	64.1	69.4	1310	168	0.5	ld	3	29	4	5	ld	1.7	13.2	22	237	45
1566495	596656	7075324	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	314	21266	556	4921	2495	91	659	45175	207	12	29	80	8.3	0.7	62	35.1	775	137	2.7	ld	4	20	2	1	ld	3.9	11.5	13	166	52
1566496	596478	7075393	7/15/2015	40	LB	DAMP	B	Soil	ld	246	169	21563	1275	3850	1807	111	509	32469	206	5	39	227	81	0.4	74.1	36.9	532	138	1.6	1	ld	10	4	ld	2	4.3	109	ld	186	ld
1566497	596390	7075452	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	421	29857	1961	5242	2507	98	820	57329	690	ld	108	264	14	ld	99.7	44.9	976	158	0.9	2	4	12	5	9	1	1	280	ld	253	21
1566498	596216	7075568	7/15/2015	40	LB	DAMP	B	Soil	ld	173	234	12875	4652	3381	1704	72	377	27380	269	0	22	71	9	ld	67.7	133	1478	239	2.4	ld	6	25	ld	12	ld	1.4	21.5	ld	288	12
1566499	597450	7081751	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	737	15762	3743	4392	1879	76	327	29081	269	6	21	60	15.6	0.7	54.8	73.8	981	168	ld	3	1	6	ld	4	ld	0.4	7.1	ld	204	ld
1566500	597425	7081749	7/15/2015	40	LB	DAMP	B	Soil	ld	150	432	14135	3701	4014	1663	85	329	30830	162	10	20	48	15.9	ld	54.8	82	888	200	ld	0	ld	9	ld	9	ld	3.8	8.1	ld	218	ld
1566951	598787	7077523	7/12/2015	40	LB	DAMP	B	Soil	ld	210	198	7430	4475	3008	1087	71	285	24020	272	ld	16	47	8.3	0.4	42	101	700	187	ld	5	6	ld	ld	9	ld	0.8	12.5	24	165	28
1566952	598679	7077524	7/12/2015	40	B	DAMP	B	Soil	ld	ld	146	9099	3576	3408	1364	107	342	28990	243	7	19	58	12.9	ld	48.4	104	796	196	ld	ld	ld	ld	2	4	ld	ld	7.3	ld	195	ld
1566953	598583	7077549	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	1	12335	3122	4598	2047	143	412	36604	315	0	30	67	17.5	ld	65.7	89	935	196	ld	1	6	ld	5	3	ld	4.3	14.3	ld	258	79
1566954	598483	7077575	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	73	9276	3805	3921	1496	96	382	31832	307	ld	15	55	21.9	0.4	51.1	101	713	182	0.4	2	ld	ld	ld	ld	0.7	0.2	8.7	ld	137	38
1566955	598384	7077603	7/12/2015	40	LB	DAMP	B	Soil	ld	160	79	15759	353	4854	2591	131	397	37079	296	ld	25	74	65.4	ld	61	48	959	179	ld	ld	3	9	ld	10	ld	1.9	8.7	9	188	23
1566956	598288	7077619	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	107	11872	1206	4122	1822	119	431	31572	273	ld	26	76	41.5	ld	56.4	66.2	584	165	2.5	6	1	14	ld	ld	1	3.2	8.4	11	213	ld
1566957	598201	7077674	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	156	11348	3658	4542	1533	125	388	33410	256	17	20	51	15.1	0.1	55.1	95	676	204	0.1	4	14	4	ld	3	ld	1.4	11.1	ld	177	ld
1566958	598118	7077732	7/12/2015	40	LB	DAMP	B	Soil	ld	25	172	13703	3019	3145	1242	66	248	24582	250	ld	8	49	27.2	0	66.3	97	1071	223	ld	10	3	12	10	ld	ld	5	16.2	ld	245	10
1566959	598016	7077739	7/12/2015	40	LB	DAMP	B	Soil	ld	347	140	17184	1742	3570	1634	82	205	21866	172	ld	17	38.8	10.7	ld	82.1	66.5	578	173	0.4	ld	2	ld	ld	ld	ld	ld	8.8	ld	139	75
1566960	597914	7077738	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	152	17406	4796	3424	2074	115	561	36274	188	11	34	81	10.3	ld	47.6	35	1011	129	ld	ld	1	23	14	5	ld	2.2	10.2	8	194	44
1566961	597815	7077710	7/12/2015	40	B	DAMP	B	Soil	ld	ld	ld	24321	3304	4938	2705	123	596	40574	232	6	26	72	52.4	ld	84.4	34.7	1120	142	1.1	ld	5	15	ld	10	ld	2.1	12.1	ld	196	ld
1566962	597734	7077772	7/12/2015	40	LB	DAMP	B	Soil	429	ld	127	14377	418	3965	1905	146	454	37197	204	10	18	64	12.7	ld	48.8	28.4	946	121	1.3	ld	0	4	ld	15	ld	0	12	ld	112	13
1566963	597633	7077777	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	136	11401	3164	4108	1609	96	349	35557	252	4	23	59	12.5	0.2	48.2	91	552	205	ld	ld	9	13	ld	3	ld	1.4	8.9	26	154	ld
1566964	597535	7077804	7/12/2015	40	LB	DAMP	B	Soil	ld	59	217	9764	6189	4550	1669	87	408	33309	185	ld	29	61	15.3	ld	41.1	86	789	165	ld	5	8	3	ld	17	ld	ld	11.7	ld	186	3
1566965	597438	7077829	7/12/2015	40	LB	DAMP	B	Soil	ld	540	149	23025	1969	3937	2389	94	579	30244	163	7	16	74	11	ld	65.4	38.1	788	142	1.1	ld	ld	15	11	ld	ld	ld	15	22	234	7
1566966	597337	7077830	7/12/2015	40	LB	DAMP	B	Soil	ld	132	108	20390	2220	4899	2503	106	315	32563	222	ld	22	56	2.1	ld	69.5	59.8	782	161	ld	ld	ld	6	ld	5	ld	ld	8.8	22	154	ld
1566967	597234	7077846	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	ld	22243	3382	4835	2328	92	504	34254	287	2	22	66	9.6	0.6	79.9	65.5	891	171	ld	3	4	13	ld	4	ld	3	11.6	3	168	46
1566968	597138	7077867	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	ld	21185	5619	4543	2161	99	426	41975	440	ld	22	68	10.1	1.7	89.1	70.2	841	210	ld	ld	ld	5	2	14	ld	3.8	12.2	28	223	26
1566969	597036	7077882	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	116	15615	8635	3370	1813	109	610	37934	298	11	33	58	21.1	ld	62.6	66	969	114	0.1	ld	4	12	7	ld	ld	1.6	8.8	72	136	9
1566970	596934	7077893	7/12/2015	40	LB	DAMP	B	Soil	ld	30	208	17556	11315	4142	2052	103	494	37927	349	ld	28	67	14.7	ld	66.3	97	985	184	ld	3	ld	5	3	12	0.4	1	14.8	ld	172	19
1566973	600571	7078265	7/12/2015	40	LB	DAMP	B	Soil	ld	101	394	14702	10591	3788	1763	57	475	30393	163	0	11	67	5.7	ld	55.4	96	1053	151	ld	2	8	25	13	2	ld	2.5	10	1	183	37
1566974	600470	7078275	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	272	9204	8931	3381	1120	70	355	24574	207	0	17	43	10.6	ld	51.6	147	1019	225	ld	3	ld	22	ld	14	ld	0.9	7.4	ld	265	15
1566975	600369	7078286	7/12/2015	40	B	DAMP	B	Soil	ld	396	362	10271	9400	3677	1232	68	323	24380	197	ld	11	51	8.1	ld	63.6	156	998	262	0.1	ld	4	12	ld	4	ld	ld	12.3	ld	219	4
1566976	600270	7078299	7/12/2015	40	LB	DAMP	B	Soil	ld	29	241	14015	11119	3510	1503	67	347	27475	180	ld	9	53	7	ld	60.7	117	935	177	ld	ld	ld	7	ld	2	ld	0.2	10.9	ld	195	62
1566977	600173	7078317	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	147	9734	11520	3647	1145	79	368	23242	264	ld	13	58	8.8	0.8	46.9	154	1006	231	0.6	ld	ld	18	ld	ld	1.9	2.1	11.6	ld	213	13
1566978	600078	7078358	7/12/2015	40	LB	DAMP	B	Soil	ld	153	185	11548	12185	3435	1461	70	431	27426	253	ld	21	60	8.4	0.2	51.9	147	1021	249	ld	ld	2	19	11	1	ld	3.6	13.6	9	208	55
1566979	599979	7078365	7/12/2015	40	LB	DAMP	B	Soil	ld	88	252	9802	12637	3650	1354	71	381	26322	183	6	18	52	7.2	ld	42.8	148	932	274	0.5	2	3	19	ld	ld	0.7	2.7	11.4	ld	187	ld
1566980	599873	7078360	7/12/2015	40	LB	DAMP	B	Soil	ld	239	329	9047	11870	3234	1131	60	407	23456	146	0	12	45	8.5	0.5	35.7	122	817	266	ld	ld	14	7	ld	15	ld	ld	6.8	14	180	47
1566981	599772	7078359	7/12/2015	40	LB	DAMP	B	Soil	ld	161	198	7042	9981	2472	972	58	322	20749	121	ld	14	38	9.1	0.1	30.1	106	782	193	ld	ld	0	4	3	ld	0.3	1.1	6.8	ld	180	20
1566982	599673	7078338	7/12/2015	40	LB	DAMP	B	Soil	ld	34	226	8479	10552	3364	1085	71	416	20511	177	2	17	55	5.3	ld	43	169	931	312	ld	ld	ld	8	8	3	0.1	1.3	11.1	ld	180	1
1566983	599575	7078310	7/12/2015	40	LB	DAMP	B	Soil	ld	97	333	13992	14546	3619	1697	64	415	29010	166	ld	15	52	7.2	ld	57.9	115	882	161	ld	6	ld	11	ld	0	ld	2.9	10.1	14	138	29
1566984	599476	7078324	7/12/2015	40	LB	DAMP	B	Soil	ld	95	360	9614	14935	3191	1147	52	384	23580	149	10	21	54	7.9	ld	48	185	1070	258	1.9	ld	6	ld	ld	9	ld	ld	10.9	ld	161	20
1566985	599374	7078354	7/12/2015	40	LB	DAMP	B	Soil	ld	276	184	8594	9699	2953	1033	57	260	18638	172	5	13	54.4	4.5	ld	38.7	161	962	247	ld	1	7	ld	15	7	ld	ld	8.2	46	157	11
1566986	599269	7078369	7/12/2015	40	LB	DAMP	B	Soil	ld	352	247	16825	16370	3687	1915	79	412	35797	242	5	14	57	5.5	ld	51.9	108	1071	122	0	2	4	22	4	11	ld	1.6	8.5	ld	131	12
1566987	599284	7078301	7/12/2015	40	LB	DAMP	B	Soil	ld	201	137	4183	4565	1566	648	40	381	13463	156	ld	3.9	37.7	4.8	ld	23.6	80.1	531	116.9	ld	2	7	ld	0	ld	ld	ld	3.4	58	24	41
1566988	599075	7078430	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	284	11428	9745	3366	1281	52	535	27523	134	10	13	47	9.9	0.9	43.1	100	782	171	ld	3	8	20	ld	11	ld	1.9	8.4	22	194	ld
1566989	598872	7078475	7/12/2015	40	LB	DAMP	B	Soil	ld	61	77	14993	8852	3947	1547	82	356	25378	192	ld	13	61	7.2	ld	59	102	862	178	0.3	4	1	2	ld	5	ld	2.7	8.4	ld	153	9
1566990	598670	7078496	7/12/2015	40	LB	DAMP	B	Soil	ld	452	187	13041	12108	3510	1487	65	393	27205	133	0	13	66	5.6	ld	53.6	115	937	153	ld	ld	2	32	ld	14	ld	ld	11.6	ld	228	66
1566991	598492	7078593	7/12/2015	40	LB	DAMP	B	Soil	ld	581	256	17047	11796	4170	1987	93	708	32350	247	ld	19	65	5.7	0.1	65.9	146	1252	156	ld	ld	6	13	ld	22	ld	2.9	10.2	ld	220	80
1566992	598312	7078692	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	130	13806	7730	4057	1650	60	353	28412	299	ld	18	75	4.3	0.5	51.9	92.4	1025	179	ld	ld	ld	8	ld	0	0.1	3.7	14.8	35	159	5
1566993	600158	7080104	7/13/2015	45	LB	WET	B	Soil	ld	260	118	16349	995	4300	2014	87	346	29866	269	ld	8	67	4.2	3.9	59.4	37.3	478	127	0.8	0	4	3	11	4	ld	1.4	30.1	13	76	54
1566994	600129	7080049	7/13/2015	30	B	DRY	B	Soil	ld	205	504	41411	ld	5885	2790	112	325	37024	271	ld	23	93	5.3	1.6	138.5	28.1	901	157	0.3	3	17	11	2	8	ld	3.2	10.9	ld	181	21
1566995	600182	7080005	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	218	12077	1968	4467	1603	99	253	21705	211	ld	10	66	8	1.5	57.8	98	825	162	3.5	1	ld	10	7	15	ld	1	7	ld	137	0
1566996	600228	7080067	7/13/2015	40	LB	DAMP	B	Soil	ld	741	238	24776	120	8095	3847	84	378	30523	180	ld	9	72	6.3	1.4	77.4	33.4	505	172	ld	ld	6	4	ld	5	ld	1.7	7.4	ld	202	13
1566997	600282	7080089	7/13/2015	50	LB	DAMP	B	Soil	ld	ld	295	17099	1981	5354	1592	70	899	49377	332	ld	29	60	6.5	ld	47.7	40.7	1313	139	0.9	3	ld	24	9	10	ld	0.3	9.9	54	77	ld
1566998	600326	7080116	7/13/2015	35	LB	DAMP	B	Soil	ld	39	248	8436	14028	4892	1389	47	960	56326	354	ld	86	51	4.6	ld	32.8	112	1367	128	ld	ld	0	6	ld	8	ld	1	12.3	ld	155	0
1566999	600374	7080136	7/13/2015	45	LB	DAMP	B	Soil	1433	ld	336	30560	7655	5799	2656	35	1309	80010	535	ld	95	59	ld	ld	71.4	22.8	681	67	0.3	ld	3	3	ld	11	2	2	8	4	82	35
1567000	600427	7080139	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	224	10562	17294	3793	1340	23	1027	61979	443	ld	75	53	2.5	0.1	33.1	125	816	90	0.3	ld	5	18	2	19	ld	ld	5.7	25	94	ld
1567251	603139	7075318	7/16/2015	40	LB	DAMP	B	Soil	ld	498	765	6405	8984	3211	939	49	1868	22213	149	4	7	100	7	ld	26.6	105	522	149	ld	4	7	ld	ld	18	ld	ld	9.7	ld	137	ld
1567252	603155	7075267	7/16/2015	40	LB	DAMP	B	Soil	ld	237	769	19443	14366	3749	2598	108	690	35478	224	26	29	91	83.4	1.4	77	133	878	160	0.7	ld	ld	17	ld	8	ld	0	12.9	7	169	20
1567253	603168	7075159	7/16/2015	40	LB	DAMP	B	Soil	ld	14	1121	15673	9015	4039	2221	133	517	35239	184	25	33	86	35.6	0.3	54.8	77.5	684	142	ld	5	13	6	ld	13	ld	1	9.9	17	212	33
1567254	603195	7075066	7/16/2015	40	LB	DAMP	B	Soil	ld	201	702	20953	612	3502	1606	52	225	28273	239	ld	7	56	47	0.2	79.7	49.4	572	208	1	5	1	7	3	8	ld	1.5	15	ld	281	9
1567255	602983	7075094	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	965	22491	14089	4429	2545	132	548	34067	216	20	21	72	17.9	0.2	83.1	166	1080	214	ld	ld	ld	8	ld	15	ld	2.7	13.4	ld	199	49
1567256	602877	7075059	7/16/2015	40	LB	DAMP	B	Soil	ld	197	609	9264	9369	3219	1175	64	387	24674	263	ld	20	44	26.4	ld	49.3	138	840	211	ld	ld	4	9	14	11	ld	0.9	9.7	20	167	17
1567257	602693	7075202	7/16/2015	40	LB	DAMP	B	Soil	ld	315	874	13377	8765	3587	1699	102	387	29583	228	22	29	64	60.8	0.6	59	110	994	201	ld	ld	4	7	11	ld	2	5.5	11.6	ld	171	40
1567258	602676	7075249	7/16/2015	40	B	DAMP	B	Soil	ld	115	591	14696	11223	4117	1762	108	628	31715	269	8	31	73	57.2	0.7	60.1	120	1084	196	ld	ld	ld	3	2	5	ld	1.8	12.5	16	232	38
1567259	602621	7075301	7/16/2015	50	B	DAMP	B	Soil	ld	11	711	10067	12486	3611	1345	77	425	26525	244	5	32	53	13.8	ld	54	200	1092	275	ld	3	6	6	ld	14	ld	ld	9	ld	209	12
1567260	602555	7075399	7/16/2015	35	B	DAMP	B	Soil	ld	323	834	8775	6404	4405	1794	504	733	42364	405	81	34	81	8.3	1.1	33.2	83	660	148	3.6	0	3	18	7	8	ld	3	12.3	27	185	22
1567261	602475	7075501	7/16/2015	45	LB	DAMP	B	Soil	ld	206	841	9306	7970	3494	1221	125	365	23285	191	12	23	49	11.3	ld	42.9	127	923	230	0.6	5	ld	ld	ld	ld	ld	ld	8.4	ld	177	63
1567262	602366	7075602	7/16/2015	45	LB	WET	B	Soil	ld	ld	978	13292	16323	3444	2323	278	798	33215	187	43	29	66	6.3	ld	45.7	136	813	116	ld	ld	ld	7	ld	ld	0	2.7	10.9	ld	198	55
1567263	602318	7075699	7/16/2015	55	LB	DRY	B	Soil	ld	292	689	9197	5899	3238	1453	184	405	26593	260	8	21	51	4.9	ld	31.6	96	742	146	ld	3	7	ld	ld	ld	ld	2.8	11.6	ld	110	11
1567264	602268	7075802	7/16/2015	35	B	DAMP	B	Soil	ld	230	856	14376	3908	4211	1949	217	631	33859	221	30	20	85	2.2	0.8	31.6	43.9	635	127	ld	ld	ld	37	5	4	0.3	1.6	10.8	41	150	39
1567265	602220	7075900	7/16/2015	35	LB	DAMP	B	Soil	ld	ld	594	12646	7061	3473	1547	88	631	24720	276	4	23	54.7	9.2	0.4	47.2	83.9	850	187	ld	ld	ld	10	ld	ld	1	3.1	9.4	37	119	58
1567266	602193	7076001	7/16/2015	45	LB	DAMP	B	Soil	ld	362	635	9785	9288	3335	1247	61	303	22416	176	2	16	48	6.6	0.1	39.7	88.8	758	169	ld	ld	5	7	ld	13	ld	ld	10.3	35	158	47
1567267	602203	7075949	7/16/2015	35	LB	DAMP	B	Soil	ld	129	926	20385	3830	4629	2240	102	412	30240	215	ld	18	55	5.5	ld	66.3	62.1	910	168	ld	0	0	15	ld	7	ld	2.2	13.5	51	177	28
1567268	602243	7075849	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	773	31646	2001	4460	2396	100	535	27667	219	ld	16	88	15.1	1	102	37	878	177	0.1	1	ld	13	5	4	ld	3.1	33.6	5	238	49
1567269	602291	7075748	7/16/2015	40	LB	DAMP	B	Soil	ld	164	891	11405	9632	3588	1540	147	396	28658	246	4	25	62	6.8	0.8	42.3	107	692	208	1.1	1	0	6	ld	3	ld	1.1	10.1	ld	186	12
1567270	596366	7081641	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	121	18708	2463	3728	1508	136	460	38368	368	1	29	202	34.9	ld	56.9	40.5	1166	97	ld	4	ld	4	ld	6	0	0.8	49.7	ld	137	88
1567271	596377	7081543	7/18/2015	40	LB	DAMP	B	Soil	ld	ld	271	17225	4749	5478	1633	11	1156	55857	314	ld	50	171	11	0.7	55.3	77	1140	122	ld	ld	ld	16	ld	9	ld	ld	12	10	67	14
1567272	596373	7081443	7/18/2015	40	LB	DAMP	B	Soil	ld	62	89	9819	4998	3144	1367	72	477	26472	219	ld	16	71	7.6	ld	37.9	84.6	798	159	ld	ld	4	12	3	ld	ld	0.3	14.3	ld	117	32
1567273	602726	7075151	7/18/2015	40	LB	DAMP	B	Soil	ld	270	215	12243	9557	3672	1586	97	389	31711	279	7	33	67	35.2	ld	54.6	120	1075	188	ld	ld	5	11	ld	8	ld	2.3	9.5	ld	226	32
1567274	597351	7081627	7/16/2015	25	LB	DAMP	B	Soil	ld	549	929	9778	5863	3949	1347	64	359	34858	291	ld	27	55	49.4	ld	47.6	123	711	194	ld	ld	0	ld	7	ld	ld	0	11.1	ld	197	52
1567275	597350	7081600	7/16/2015	35	LB	DAMP	B	Soil	ld	ld	694	9641	4359	3828	1430	63	384	32739	300	ld	21	56	144	0.7	38.1	86.9	701	162	ld	0	6	10	2	18	ld	ld	7.4	4	114	36
1567276	597352	7081574	7/16/2015	35	LB	DAMP	B	Soil	ld	112	879	11912	3662	3991	1495	69	460	34746	320	ld	24	63	338	ld	44.8	73.1	839	152	ld	ld	ld	8	ld	ld	0	ld	9.7	24	149	44
1567277	597350	7081550	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	919	14603	3568	3991	1764	80	435	31813	289	8	32	55	113	0.2	54.7	85.3	1108	171	0.8	ld	0	5	ld	14	ld	1.8	14.8	40	233	ld
1567278	604664	7074142	7/16/2015	45	LB	DAMP	B	Soil	ld	ld	625	19321	2920	4633	1989	81	661	40335	279	ld	26	75	6.5	0.5	71.4	66.4	1064	202	0.4	ld	ld	15	ld	5	ld	1.2	22.2	3	144	ld
1567279	604573	7074189	7/16/2015	40	LB	DAMP	B	Soil	ld	331	935	19198	2063	4174	1751	46	666	43502	291	ld	20	61	2	0	55.2	39.1	1590	162	ld	4	6	19	1	7	ld	6.1	22.8	49	113	86
1567280	604480	7074229	7/16/2015	40	LB	DAMP	B	Soil	ld	117	985	16761	3192	3384	1747	63	415	32301	279	ld	23	78	4.2	ld	58.4	71.5	851	152	ld	3	7	8	ld	13	ld	ld	23.7	ld	190	37
1567281	604387	7074269	7/16/2015	40	LB	DAMP	B	Soil	ld	286	769	11656	5602	3436	1477	80	496	26383	215	4	25	68	4.4	0.2	48.7	111	1055	227	ld	4	4	21	ld	5	ld	3.9	13.7	22	136	43
1567282	604293	7074303	7/16/2015	40	LB	DAMP	B	Soil	ld	303	370	2251	1385	856	351	15	103	5801	44	ld	ld	19.2	ld	ld	9.3	30.2	208	46.6	ld	6	13	ld	5	6	ld	ld	1	42	ld	ld
1567283	604197	7074343	7/16/2015	40	LB	DAMP	B	Soil	ld	289	431	1827	2437	753	198	17	110	4544	31	ld	ld	18.4	ld	ld	11.9	60.5	322	98	ld	4	6	ld	ld	1	ld	ld	2.7	33	2	12
1567284	604110	7074381	7/16/2015	40	LB	DAMP	B	Soil	ld	173	238	4651	5188	1862	571	38	231	10867	116	ld	1.7	30.1	2	ld	20.6	93.3	446	174	ld	3	7	ld	ld	3	ld	ld	2.6	49	40	44
1567285	604015	7074421	7/16/2015	40	LB	DAMP	B	Soil	ld	214	409	7388	8236	3168	1129	61	392	17699	222	0	14	47.1	2.1	0.2	35.9	124	933	209	ld	ld	1	4	ld	13	ld	ld	8.2	51	136	41
1567286	603923	7074461	7/16/2015	40	LB	DAMP	B	Soil	ld	525	193	3366	7397	1508	565	36	592	14230	228	ld	10	36.9	5.9	ld	24.3	109.4	539	141	ld	2	3	ld	4	4	ld	ld	5.9	0	80	35
1567287	603821	7074490	7/16/2015	40	LB	DAMP	B	Soil	ld	189	228	6693	8465	2815	790	53	323	15145	201	6	13	46.4	3.2	1.1	35.8	153	738	228	ld	ld	2	7	ld	ld	ld	0.6	5.8	69	154	ld
1567289	602948	7075150	7/18/2015	40	LB	DAMP	B	Soil	ld	587	95	9950	10267	3363	1245	80	597	26032	187	1	16	57	17.1	ld	52.3	112	826	170	0.2	ld	3	ld	4	11	ld	3.5	9.3	ld	100	79
1567302	600136	7080145	7/11/2015	30	LB	DAMP	B	Soil	ld	117	204	13417	919	4033	1985	95	451	31581	314	ld	17	121	1.8	0.3	62.6	51.9	562	150	ld	ld	0	ld	ld	5	ld	ld	41.7	13	128	63
1567303	600178	7080055	7/11/2015	35	LB	DAMP	B	Soil	ld	ld	75	13151	1684	4196	1657	103	371	37120	331	ld	21	63	7.1	3.6	59.3	62.2	609	162	1.7	ld	ld	1	0	6	ld	0.1	12.3	ld	177	16
1567304	600174	7079954	7/11/2015	45	B	DAMP	B	Soil	ld	170	179	16905	840	4738	2291	149	259	27645	278	ld	15	56	6.8	1.2	75.4	78.3	629	152	3.4	1	1	10	8	1	0.1	5.6	8.3	28	97	22
1567305	600174	7079854	7/11/2015	45	LB	WET	B	Soil	ld	ld	114	9002	2848	3659	1523	95	676	30150	323	ld	21	49	7.4	0.4	49.8	108	834	166	3.1	ld	ld	3	30	1	ld	1.9	10	ld	175	6
1567306	600153	7079754	7/11/2015	30	LB	DRY	B	Soil	ld	29	145	7833	5113	3026	1187	78	289	24169	273	ld	22	44.7	4.5	ld	47.3	127	777	157	ld	2	0	6	ld	8	ld	2.1	9.8	0	114	ld
1567307	600198	7079666	7/11/2015	45	LB	DAMP	B	Soil	ld	153	ld	7947	9065	3806	1220	93	373	35220	349	ld	20	54	12.1	0.9	43.2	143	908	200	ld	ld	ld	7	ld	11	ld	0.5	10.2	ld	168	24
1567308	600257	7079597	7/11/2015	40	LB	DAMP	B	Soil	ld	274	208	8293	5509	3538	1091	87	323	28780	265	ld	32	58	8.8	ld	51.2	142	963	217	ld	5	3	12	1	ld	0	1.4	9.9	ld	195	ld
1567309	600305	7079507	7/11/2015	50	LB	DAMP	B	Soil	ld	ld	181	8264	5007	3464	1274	84	350	28392	298	ld	19	47	8.6	ld	47.2	131	953	218	ld	2	4	1	0	7	ld	2	8.3	ld	188	43
1567310	600335	7079407	7/11/2015	35	LB	DAMP	B	Soil	ld	89	152	11898	5589	3942	1916	117	424	35668	341	ld	18	60	5.4	0.1	58.9	94	648	142	ld	ld	ld	12	2	0	ld	1.3	11.8	ld	150	29
1567311	600351	7079304	7/11/2015	45	LB	DAMP	B	Soil	ld	ld	28	12886	9071	4217	1788	98	492	39147	430	ld	20	59	3.5	ld	59.4	110	783	148	ld	0	6	ld	ld	6	ld	2.8	11.8	ld	134	33
1567312	600366	7079203	7/11/2015	45	LB	DAMP	B	Soil	ld	ld	201	8778	9097	4133	1433	99	439	31872	273	ld	14	58	9.9	ld	49.5	128	761	163	2.2	1	10	4	ld	16	ld	ld	9.3	ld	111	16
1567313	600425	7079125	7/11/2015	55	LB	DAMP	B	Soil	ld	164	36	11640	8233	4035	1527	101	397	33339	348	ld	14	56	7.3	ld	60.4	138	805	191	2.1	0	5	2	ld	17	ld	ld	9	ld	192	ld
1567314	600465	7079033	7/11/2015	35	LB	DAMP	B	Soil	ld	ld	ld	15720	11271	4157	1747	111	468	34477	386	ld	23	56	0.8	ld	63.4	126	733	144	0.5	ld	1	ld	9	12	ld	1.3	12.8	14	135	ld
1567315	600509	7078941	7/11/2015	35	B	DAMP	B	Soil	ld	237	124	8581	10860	3037	1317	87	457	32461	293	ld	15	51	3	ld	41.7	128	856	134	ld	ld	2	1	ld	8	ld	0.7	8.3	ld	94	17
1567316	600567	7078860	7/11/2015	45	LB	DAMP	B	Soil	ld	ld	217	11879	7395	4340	1931	74	399	36824	301	ld	22	68	5.7	0.1	61.3	117	1303	177	0.8	ld	2	9	ld	9	ld	3.2	12.2	5	235	50
1567317	600609	7078768	7/11/2015	35	LB	DAMP	B	Soil	ld	554	7	10254	6979	3567	1426	66	338	26140	265	ld	13	53	7.3	0.1	64.5	110	979	200	ld	2	2	19	ld	ld	ld	5	9.6	1	172	19
1567318	600637	7078672	7/11/2015	40	LB	DAMP	B	Soil	ld	97	157	10212	7005	3572	1566	94	384	27520	289	ld	23	55	13.9	0.7	58.3	137	1296	226	ld	ld	4	ld	1	22	ld	0.7	9.4	ld	278	32
1567319	600623	7078573	7/11/2015	40	LB	DAMP	B	Soil	ld	17	119	9117	6358	3671	1495	82	404	30695	320	ld	31	56	19.5	ld	60.8	132	1269	216	ld	0	ld	4	ld	8	ld	0.2	10.8	24	203	78
1567320	600629	7078472	7/11/2015	25	LB	DAMP	B	Soil	ld	85	9	9851	8195	3625	1285	82	368	28629	221	1	11	53	16	ld	60.3	115	931	218	ld	ld	1	6	6	10	ld	ld	8.8	ld	260	ld
1567321	600656	7078375	7/11/2015	35	B	DAMP	B	Soil	ld	384	82	9202	6801	3313	1308	87	411	27477	311	ld	17	47	13.2	ld	57.4	114	787	172	0.3	7	3	ld	10	3	ld	ld	8.4	ld	234	6
1567322	600667	7078274	7/11/2015	35	LB	DAMP	B	Soil	ld	35	25	10499	7455	3903	1476	66	377	34204	300	ld	11	58	19.9	0	66.8	98	791	181	1.8	7	ld	8	ld	2	1.3	1.9	11.9	ld	187	38
1567323	600717	7078184	7/11/2015	40	LB	DAMP	B	Soil	ld	250	ld	7533	7985	3616	1203	80	441	34240	363	ld	19	50	14.4	ld	44.8	90	808	180	ld	1	9	11	3	0	ld	0.7	8.5	ld	155	1
1567324	600739	7078086	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	110	9611	10545	4034	1547	92	484	36149	323	ld	19	56	10.7	0.1	55.5	136	820	157	0.7	ld	4	8	2	12	ld	1.4	10.5	ld	179	ld
1567325	600773	7077992	7/11/2015	40	LB	DAMP	B	Soil	ld	704	74	6857	9798	3562	1173	88	459	32133	263	ld	17	60	5.4	ld	41.1	103	715	169	ld	3	7	ld	0	12	ld	0	10.1	ld	116	ld
1567326	600790	7077890	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	47	17644	8779	4944	3334	169	614	45338	362	ld	27	67	5.1	0.1	84	88	974	146	ld	ld	2	29	ld	7	ld	ld	11.1	ld	190	11
1567327	600793	7077791	7/11/2015	35	LB	DAMP	B	Soil	ld	603	52	10558	9000	4354	1782	113	405	40111	179	8	22	60	7.4	0	43.2	88	864	140	ld	ld	ld	ld	ld	18	ld	0.1	8.3	25	164	58
1567328	600780	7077692	7/11/2015	25	LB	DAMP	B	Soil	ld	294	70	8967	3969	3670	1531	190	695	32060	236	11	20	64	1.4	ld	36.9	54.4	974	147	0.1	ld	1	12	ld	ld	ld	1.5	11.9	ld	156	3
1567329	600763	7077593	7/11/2015	45	LB	DAMP	B	Soil	ld	138	107	15880	1293	3175	1917	70	398	29860	277	ld	16	55	3.2	ld	65.2	40	920	147	0.9	ld	6	14	25	10	ld	0.5	15.6	ld	85	58
1567330	600727	7077501	7/11/2015	40	LB	DAMP	B	Soil	ld	26	120	11980	2357	3624	1723	92	567	38336	397	ld	20	67	3.4	0.8	54	45.6	947	117	ld	ld	0	4	ld	7	ld	0.4	12.6	15	138	13
1567331	600636	7077459	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	59	9200	3750	3392	1545	113	589	37952	307	ld	21	61	6.4	0.5	44.3	49.3	767	133	ld	ld	10	ld	ld	10	ld	0.7	6.8	ld	116	ld
1567332	600551	7077403	7/11/2015	35	LB	DAMP	B	Soil	ld	ld	85	14029	6092	4250	2044	167	562	39815	356	4	28	58	4	0.5	59.2	50	802	128	ld	ld	4	11	ld	0	ld	2.1	12.3	36	166	48
1567333	600465	7077343	7/11/2015	35	LB	DAMP	B	Soil	ld	ld	17	9904	9306	3633	1536	149	516	34654	355	2	30	68	7.7	0.2	44.8	72.7	729	130	ld	ld	ld	12	ld	16	ld	2.9	12.5	ld	117	ld
1567334	600381	7077288	7/11/2015	40	LB	DAMP	B	Soil	ld	57	96	8207	9838	2934	1294	96	498	26390	256	ld	18	48	3.2	ld	42.8	114	861	144	0.6	5	1	14	ld	ld	ld	1.8	6.9	ld	82	33
1567335	600296	7077230	7/11/2015	40	LB	DAMP	B	Soil	ld	196	86	10667	7174	3378	1611	83	436	29238	325	ld	22	71	9.4	0.5	53.1	148	897	177	0.9	0	5	11	4	7	ld	2	14.2	ld	189	ld
1567336	600204	7077191	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	78	7125	6445	3107	987	84	328	19712	250	ld	15	39	5.5	ld	41.9	131	945	226	ld	2	2	ld	ld	13	ld	ld	9.3	ld	112	32
1567337	600102	7077166	7/11/2015	40	LB	DAMP	B	Soil	ld	209	67	10992	3126	3164	1231	79	249	20917	200	ld	17	41	15.8	ld	52.3	58.4	642	156	0.8	ld	ld	10	1	5	ld	1.4	14.9	ld	149	27
1567338	600002	7077178	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	87	14481	3565	3563	1646	115	360	26911	291	ld	25	73	16.9	0.8	69.7	84.7	921	200	ld	1	8	9	1	10	ld	2.1	36	19	145	104
1567339	599897	7077195	7/11/2015	45	LB	DAMP	B	Soil	ld	ld	210	12339	3068	3244	1400	78	274	25394	237	ld	24	54	11.7	0.1	64.3	90	861	210	0.2	0	5	7	ld	5	ld	0.7	14.2	16	177	27
1567340	599796	7077221	7/11/2015	35	LB	DAMP	B	Soil	ld	12	ld	13290	3572	3397	1614	102	287	25372	207	9	19	51	12.7	0.1	58.4	84.8	914	203	ld	1	3	8	ld	ld	ld	1.9	14	11	176	17
1567341	599696	7077237	7/11/2015	40	LB	DAMP	B	Soil	ld	ld	ld	20046	803	4202	2135	151	542	31448	249	5	23	71	5.9	0.2	76.3	28.9	1038	166	ld	1	7	24	10	15	ld	0.8	14.8	ld	107	ld
1567342	599597	7077259	7/11/2015	30	LB	DAMP	B	Soil	ld	ld	ld	21058	66	4526	1956	138	1366	64330	362	1	35	105	12	ld	70.9	15.4	2157	144	1.4	ld	9	11	7	16	ld	ld	97	7	190	6
1567343	599520	7077324	7/12/2015	40	LB	DAMP	B	Soil	ld	467	58	14393	2413	3654	1749	128	380	25861	210	10	20	41	4.3	ld	61.2	73.9	909	184	1.1	ld	ld	ld	5	ld	0.4	2.3	13.4	ld	175	2
1567344	599423	7077348	7/12/2015	45	LB	DAMP	B	Soil	ld	94	60	13772	1362	3996	1759	96	451	38526	370	ld	21	69	4.4	0.2	51.2	47.9	823	154	ld	ld	8	10	ld	9	ld	0.1	13.7	2	166	41
1567345	599324	7077359	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	140	21314	3715	4959	2628	112	387	39333	396	ld	33	59	0.6	ld	90.3	76.5	1461	161	ld	ld	ld	8	5	4	ld	0.6	20.5	ld	175	38
1567346	599225	7077365	7/12/2015	40	B	DAMP	B	Soil	ld	338	43	12390	1824	4162	1677	166	399	34208	285	17	24	61	6.2	0	49.2	52.1	560	177	ld	2	2	14	1	12	ld	0	6.8	16	137	ld
1567347	599129	7077333	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	156	21146	7563	2462	2405	68	253	12766	132	ld	10	40.8	0.9	ld	93	129	953	177	ld	ld	ld	16	11	9	ld	1.6	18	ld	186	28
1567348	599066	7077412	7/12/2015	40	LB	DAMP	B	Soil	ld	22	116	18909	4497	4846	2586	102	438	33035	259	ld	19	70	5.3	ld	79.4	116	828	205	ld	6	ld	2	0	1	ld	2	10.6	ld	206	69
1567349	598968	7077451	7/12/2015	40	LB	DAMP	B	Soil	ld	460	188	16013	2715	4114	2133	120	1016	30748	219	13	23	65	9.5	0.2	59.6	43.2	1168	148	ld	ld	13	11	13	14	ld	1.4	7	46	142	0
1567350	598871	7077476	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	34	16877	1730	3315	1827	85	383	28193	233	1	20	53	50.3	0.6	93	50.9	715	181	ld	ld	5	11	ld	12	ld	1.7	14.2	ld	158	53
1567351	600103	7079627	7/13/2015	40	B	DAMP	B	Soil	ld	ld	343	23917	12826	4969	2484	161	835	44765	391	3	27	80	5.3	1.9	67.2	74.5	1226	162	ld	2	ld	16	ld	ld	ld	5.7	7	56	174	29
1567352	600003	7079595	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	186	17621	9528	4846	2079	112	532	45682	409	ld	26	67	12.7	1.2	69.9	112	945	188	0.4	ld	ld	0	2	11	ld	4.1	9.8	ld	206	8
1567353	599908	7079552	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	354	10848	15322	4227	1711	124	483	35747	310	3	23	54	7.2	ld	42	133	869	181	ld	3	6	7	ld	3	1.4	1.1	9.9	37	158	44
1567354	599806	7079542	7/13/2015	40	LB	DAMP	B	Soil	ld	6	352	9773	5646	3802	1140	70	311	26762	262	ld	16	52	8.8	0.1	55.6	122	781	209	ld	3	ld	12	12	5	ld	ld	10.1	ld	164	33
1567355	599709	7079509	7/13/2015	40	LB	DAMP	B	Soil	ld	234	286	11785	6472	4449	1300	80	346	36119	264	ld	18	63	8.9	0.5	63	124	734	206	ld	2	ld	10	2	ld	1.1	2.1	12.8	ld	220	20
1567356	599618	7079469	7/13/2015	40	LB	DAMP	B	Soil	ld	418	192	16857	12541	4440	1889	58	455	33394	330	ld	19	63	3.9	0	64.2	157	975	206	ld	ld	ld	12	ld	10	ld	1	15.5	10	220	10
1567357	599522	7079435	7/13/2015	40	LB	DAMP	B	Soil	ld	204	316	12964	3214	3969	1380	66	265	27053	209	ld	12	49	7.9	1.3	66.2	78.7	519	176	ld	2	5	9	ld	ld	ld	2.6	8.7	1	167	9
1567358	599430	7079399	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	184	20680	7442	4227	2079	58	431	32051	178	3	16	77	2.9	0.9	81.6	94	838	171	ld	ld	3	6	ld	3	0	6.4	10.4	ld	193	56
1567359	599331	7079370	7/13/2015	40	LB	DAMP	B	Soil	2347	ld	23	21938	26023	4480	2016	144	426	47853	321	0	31	65	2.8	0.8	75.2	137	799	134	0.4	ld	ld	1	2	17	ld	ld	9.1	0	134	ld
1567360	599231	7079348	7/13/2015	40	LB	DAMP	B	Soil	ld	173	219	10327	12144	4546	1441	84	422	33597	251	ld	8	60	4.4	0.1	50.9	199	835	209	ld	ld	3	11	4	16	ld	1.7	13.7	ld	243	38
1567361	599134	7079316	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	192	12947	16881	5114	2272	144	698	49087	290	5	21	73	8.5	0.7	49.1	90	807	163	0.9	7	ld	ld	4	10	ld	2.6	9.4	ld	141	26
1567362	599049	7079257	7/13/2015	40	LB	DAMP	B	Soil	ld	73	235	18393	2863	6210	3526	154	967	40331	175	32	35	60	5.1	1.2	69.6	41.1	940	118	ld	ld	ld	0	ld	14	ld	1.6	14.9	ld	202	ld
1567363	598948	7079260	7/13/2015	35	LB	DAMP	B	Soil	ld	276	127	17661	1805	4740	2048	95	325	35812	293	ld	19	58	6.4	0.9	88.2	57.6	596	204	ld	ld	4	21	6	6	ld	4.2	17.9	ld	231	ld
1567364	598846	7079253	7/13/2015	45	LB	DAMP	B	Soil	ld	230	207	9645	6851	3785	1294	80	347	33842	321	3	31	53	14.4	1	53.8	108	732	212	ld	7	4	9	ld	2	ld	ld	9.2	ld	166	38
1567365	596150	7075653	7/15/2015	35	LB	DAMP	B	Soil	ld	116	398	17167	6231	4049	1518	83	729	46174	383	ld	37	383	10.1	0.7	67.3	100	713	121	ld	4	2	11	5	11	ld	ld	36.6	9	104	36
1567366	596123	7075749	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	199	16070	4141	3347	1337	64	601	29717	236	1	33	70	17.6	ld	67	81.6	758	166	ld	2	ld	4	ld	ld	0.6	1.1	40.9	26	114	30
1567367	596001	7076028	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	236	16616	4938	3909	1988	116	288	29831	153	20	25	56	11.2	1.1	53.9	75.8	759	152	0.5	0	3	22	ld	9	ld	3.1	9.4	ld	187	66
1567368	595995	7076127	7/15/2015	50	LB	DAMP	B	Soil	ld	637	ld	23488	1684	5165	2527	188	601	32523	267	19	28	70	31.6	0.1	88.8	40.9	1051	169	ld	ld	6	11	11	12	ld	1.5	13.9	ld	187	36
1567369	595959	7076232	7/15/2015	35	LB	DAMP	B	Soil	ld	631	371	42070	943	5060	3084	106	1108	33607	178	17	41	186	56	1.4	126	39.6	957	160	2.2	1	ld	1	2	14	ld	0.2	110	ld	256	ld
1567370	595882	7076519	7/15/2015	45	LB	DAMP	B	Soil	ld	415	297	11070	3401	4077	1579	88	304	29525	278	6	23	57	14.7	0.1	51.5	111	985	220	ld	2	5	20	18	18	ld	ld	19.1	ld	233	6
1567371	595782	7076801	7/15/2015	45	LB	DAMP	B	Soil	ld	131	299	12464	2782	3658	1875	87	298	21620	221	ld	13	56	68.7	ld	56.9	54.5	509	135	0.6	ld	ld	ld	5	4	ld	ld	8.6	21	134	7
1567372	595725	7077105	7/15/2015	55	LB	DAMP	B	Soil	ld	391	388	9825	6727	3234	1297	60	544	21548	211	ld	10	48.7	21.7	ld	40.4	82.7	591	157	ld	ld	ld	18	2	3	ld	3.8	9	24	70	35
1567373	596078	7075846	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	279	20731	3013	3453	1988	47	945	40044	197	ld	30	59	11.3	1.3	69.3	49.8	881	145	ld	ld	8	13	ld	ld	ld	2.4	22.9	18	172	6
1567374	596028	7075933	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	209	27571	288	4731	2399	186	428	37877	228	16	28	107	9.8	0.3	81.6	27.4	612	124	ld	7	0	13	ld	5	ld	ld	61	ld	171	4

Appendix 4: Kate Project - Compiled Tabulated Results - Soils XRF

1567375	595920	7076322	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	132	13635	4264	4341	1437	108	393	31113	267	3	19	62	10.6	ld	60.4	118	847	228	ld	2	6	1	ld	10	ld	1.7	18	ld	176	13
1567376	595873	7076416	7/15/2015	35	LB	DAMP	B	Soil	ld	66	36	32834	ld	6055	3240	191	269	49546	306	5	42	103	20.8	0.7	116.3	30.8	1172	137	0.5	3	8	30	3	3	ld	3.5	17.3	ld	185	104
1567377	595861	7076611	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	240	22295	338	4627	2356	120	353	25193	140	16	20	83	3.8	ld	69.9	35.4	739	156	0.4	6	1	18	ld	7	ld	0.3	9.6	ld	180	107
1567378	595805	7076704	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	403	11830	5767	3911	1721	105	397	28044	252	3	21	52	21.2	ld	52.6	101	910	192	ld	0	ld	12	1	14	ld	ld	8.7	ld	176	25
1567379	595765	7076902	7/15/2015	25	LB	DAMP	B	Soil	ld	421	315	25573	3922	4795	2548	138	544	37346	213	17	27	71	39.1	0.2	75.3	45.2	1006	136	ld	ld	ld	23	7	ld	1	0.4	13.3	38	149	29
1567380	595738	7077001	7/15/2015	35	B	DAMP	B	Soil	ld	ld	370	12139	5114	3249	1399	74	354	24605	181	1	13	43	52.6	ld	50.8	84	678	151	2.1	ld	ld	20	ld	6	0	0.4	10.3	ld	188	ld
1567381	597403	7081675	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	522	10727	1594	3563	1656	66	350	27452	305	ld	19	57	55.6	ld	54.8	56.4	835	159	ld	ld	ld	10	12	2	ld	1.8	7.9	ld	194	1
1567382	597425	7081674	7/15/2015	50	LB	DAMP	B	Soil	ld	ld	445	10869	1999	3850	1639	76	425	34971	237	ld	21	59	9.6	0.5	46.6	66.8	723	151	0.6	ld	3	6	ld	4	ld	0.7	10.2	18	181	ld
1567383	597398	7081649	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	662	8327	4606	3352	1572	115	534	41402	419	ld	22	61	126	0.1	41.6	115	940	174	1.8	ld	6	14	9	1	ld	2.6	10.5	15	155	ld
1567384	597373	7081648	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	524	12465	3456	3448	1978	84	382	28205	237	ld	25	57	16.1	1	48.4	63.5	897	146	ld	ld	3	11	ld	12	ld	1.7	4.6	ld	92	3
1567385	597351	7081651	7/15/2015	45	LB	DAMP	B	Soil	ld	151	395	11605	2089	3397	1568	83	334	24749	186	ld	14	48	14.3	0.3	46.7	47.3	582	128	0.5	0	5	16	3	0	0	1.7	8.7	ld	181	8
1567386	597326	7081652	7/15/2015	55	LB	DAMP	B	Soil	ld	49	664	8372	2324	3014	1253	66	310	22757	267	ld	13	50	15.8	ld	57.6	42.8	803	144	ld	ld	10	ld	ld	3	ld	ld	7.9	ld	96	25
1567387	597299	7081650	7/15/2015	35	LB	DAMP	B	Soil	ld	204	406	10575	2286	3416	1558	78	391	30592	289	ld	19	62	31.5	0.4	55.8	47.3	824	159	ld	ld	7	9	ld	14	ld	1.3	8.9	ld	127	72
1567388	603127	7076438	7/16/2015	40	LB	DAMP	B	Soil	ld	12	284	12108	1027	2592	1427	87	517	25992	126	0	18	89	1	ld	39.4	25.5	615	88	0.4	1	9	5	5	ld	2.6	ld	37.3	ld	40	40
1567389	603118	7076361	7/16/2015	40	B	DAMP	B	Soil	ld	ld	277	15456	704	4837	3156	121	738	39689	272	0	31	69	6.1	ld	64.4	19.7	828	121	ld	ld	0	8	ld	6	ld	ld	8.5	35	77	41
1567390	603061	7076274	7/16/2015	40	LB	DAMP	B	Soil	ld	226	431	22350	870	2983	1937	75	634	16605	142	1	4	124	2.5	ld	109.1	15	575	134	ld	5	ld	14	13	1	ld	2.2	87	ld	226	ld
1567391	603004	7076192	7/16/2015	40	LB	DAMP	B	Soil	ld	452	397	18815	35	4464	2506	154	494	34139	352	1	39	70	46.9	ld	86.7	16	798	178	0.3	5	1	6	2	15	ld	ld	11.1	ld	169	43
1567392	602996	7076092	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	391	15206	324	3601	1479	82	650	31342	303	ld	26	142	8	ld	84.3	26.5	651	164	2.4	ld	2	11	ld	4	ld	0.5	70	31	178	ld
1567393	603067	7076012	7/16/2015	40	LB	DAMP	B	Soil	ld	ld	380	17243	1028	4222	2613	266	639	35641	293	29	26	75	2	1.3	69.9	22.6	1030	141	ld	1	ld	9	ld	8	ld	ld	12.4	20	191	8
1567394	603066	7075911	7/16/2015	40	LB	DAMP	B	Soil	ld	12	356	16189	707	2562	1556	48	196	22016	202	ld	10	42.9	5.7	ld	87.2	47.1	988	190	0.3	ld	4	6	4	11	ld	1.3	14.2	ld	139	3
1567395	603078	7075812	7/16/2015	40	LB	DAMP	B	Soil	ld	246	497	20611	8543	5792	3415	384	670	39772	257	39	33	70	ld	0.9	59.5	78.7	1075	128	ld	ld	2	14	ld	ld	ld	4.8	12.4	63	144	20
1567396	603112	7075719	7/16/2015	40	LB	DAMP	B	Soil	ld	83	500	21318	1609	5360	3191	493	692	42633	299	95	34	83	1.5	0.2	69	17.2	731	136	0.2	ld	0	12	ld	6	ld	0.4	9.9	10	165	ld
1567397	603125	7075612	7/16/2015	40	LB	DAMP	B	Soil	ld	63	462	29967	2073	3996	2499	70	251	24393	261	ld	14	47	1.5	ld	123.2	100	859	202	ld	ld	ld	16	ld	0	1.3	2.4	22.6	ld	346	62
1567398	603102	7075513	7/16/2015	40	LB	DAMP	B	Soil	ld	55	434	13956	5869	2888	1327	81	441	22975	178	14	15	57	26	ld	53.5	67.2	476	126	ld	3	2	4	9	10	ld	1.6	6.7	7	127	ld
1567399	603110	7075415	7/16/2015	40	LB	DAMP	B	Soil	ld	456	11939	12901	3565	1709	104	903	33268	231	13	25	83	7.3	0.8	61	121	755	131	0.3	3	1	17	ld	9	ld	1	12.8	ld	119	29	
1567400	603110	7075363	7/16/2015	40	LB	DAMP	B	Soil	ld	260	368	9086	9926	3725	1254	81	694	28577	274	9	13	101	10.6	0.5	43.6	139	713	206	ld	2	6	4	ld	ld	ld	2.4	10	10	213	2
1567401	600220	7079839	7/12/2015	40	LB	DAMP	B	Soil	ld	90	60	23331	1140	4443	1935	105	284	32532	296	ld	23	57	7.6	1.9	99.7	67	686	146	1.9	2	ld	9	23	14	ld	5.9	12.1	ld	111	51
1567402	600250	7079335	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	118	11223	6540	4104	1789	82	346	33842	296	ld	19	57	4.7	ld	51.1	121	775	178	0.9	ld	6	ld	5	12	ld	ld	10.4	ld	159	42
1567403	600186	7079257	7/12/2015	40	B	DAMP	B	Soil	ld	150	31	12854	9711	3621	1571	87	359	34533	251	3	21	60	4.2	1	51.8	115	774	169	ld	ld	5	17	ld	0	ld	3.9	9	ld	149	ld
1567404	600087	7079256	7/12/2015	40	LB	DAMP	B	Soil	ld	242	120	9339	10490	3461	1287	84	403	27643	268	5	21	49	5	0.1	45.8	161	956	232	ld	ld	1	13	9	5	ld	3.6	10.6	3	163	63
1567405	600024	7079179	7/12/2015	40	LB	DAMP	B	Soil	ld	178	84	10317	12757	3595	1470	70	378	28731	220	ld	14	54	1.2	ld	42.1	154	1134	191	2.8	ld	ld	21	16	13	ld	0.3	10.8	25	204	39
1567406	599965	7079097	7/12/2015	40	LB	DAMP	B	Soil	ld	395	169	8658	8288	3358	1172	53	323	26958	194	ld	17	49	6.4	ld	40.4	113	913	189	ld	ld	1	8	ld	14	ld	ld	8.2	3	222	ld
1567407	599904	7079017	7/12/2015	40	LB	DAMP	B	Soil	ld	495	28	9771	9842	3341	1166	78	352	28263	250	ld	20	46	5.2	ld	46.3	117	1004	187	ld	6	3	11	3	11	ld	ld	9.9	ld	173	11
1567408	599840	7078944	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	114	16742	9129	3925	2180	96	300	27693	196	7	15	62	13	ld	69.3	94	1219	211	2.4	ld	ld	7	2	10	ld	2	10.9	ld	304	ld
1567409	599744	7078911	7/12/2015	40	LB	DAMP	B	Soil	ld	150	20590	7934	3888	2425	82	378	30924	368	ld	30	70	15.7	0.4	87.3	51.8	1264	177	ld	0	4	31	12	10	ld	1.4	14.4	17	198	20	
1567410	599650	7078884	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	185	10081	8570	3621	1418	74	363	27744	227	2	29	52	9.3	0.2	52.1	151	1120	236	ld	ld	8	25	13	ld	ld	3.2	13.5	ld	191	25
1567411	599556	7078846	7/12/2015	40	LB	DAMP	B	Soil	ld	96	ld	16082	11104	4182	1798	69	462	39519	266	ld	16	80	8.9	ld	54.4	78.9	987	143	ld	ld	1	34	ld	3	2	1.2	7.9	ld	184	45
1567412	599479	7078781	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	154	12025	7747	3680	1380	82	345	26215	210	5	17	55	6.9	0.3	57.1	130	965	213	0.6	ld	ld	2	0	11	ld	ld	9	ld	234	ld
1567413	599385	7078741	7/12/2015	45	LB	DAMP	B	Soil	ld	94	ld	14608	12193	3663	1677	54	503	32262	206	ld	21	70	5.5	0.8	61.2	117	1038	184	ld	4	8	22	ld	5	ld	3.2	10.5	ld	131	56
1567414	599310	7078672	7/12/2015	40	LB	DAMP	B	Soil	ld	270	149	10437	10316	3744	1281	69	375	25633	252	ld	22	52	9.1	0.8	47.5	153	1021	244	ld	ld	2	13	8	4	ld	2	9.7	ld	213	35
1567415	599305	7078573	7/12/2015	40	B	DAMP	B	Soil	ld	306	265	8844	9232	3456	1202	70	375	23545	255	1	26	60	7.2	0.7	50.1	151	1058	254	ld	ld	ld	5	ld	ld	1	2.4	12.6	ld	234	23
1567416	599280	7078471	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	228	9718	9792	3449	1282	71	349	23702	271	ld	22	52	5.2	0.9	47.6	134	969	194	ld	8	6	15	7	1	0.5	4.5	12	19	173	28
1567417	599176	7078403	7/12/2015	40	LB	DAMP	B	Soil	ld	55	19	9619	9598	3513	1331	80	331	24193	228	0	22	64	7.2	0	45.4	133	928	194	1.5	0	0	5	6	14	ld	1.4	9.1	14	191	11
1567418	598978	7078445	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	115	13717	8307	3879	1540	57	334	27168	206	ld	12	53	6.4	0.6	59.2	86	831	163	ld	ld	ld	20	5	2	ld	1.4	7.6	14	165	28
1567419	598776	7078465	7/12/2015	40	LB	DAMP	B	Soil	ld	ld	21	10329	10595	3269	1322	58	352	21974	223	ld	16	66	5.6	0.5	44.1	117	765	174	ld	3	ld	17	ld	8	ld	ld	8.5	14	220	28
1567420	598583	7078546	7/12/2015	40	LB	DAMP	B	Soil	ld	453	195	10604	10788	3180	1356	62	387	22708	216	ld	12	62	4.3	0.9	45.5	100	778	122	ld	0	6	11	7	ld	ld	3.8	7.9	ld	133	58
1567421	598408	7078653	7/12/2015	40	LB	DAMP	B	Soil	ld	249	226	8890	9377	3233	1166	53	365	22925	277	ld	17	57	5.6	0.1	46.3	123	984	186	0	ld	4	14	1	5	ld	2.4	10.1	2	195	19
1567422	601221	7082553	7/13/2015	35	LB	DAMP	B	Soil	ld	437	252	11861	9219	3365	1387	56	491	36573	208	0	17	39	7.1	0.2	46.8	127	615	131	ld	5	12	15	5	7	ld	0.2	8.6	ld	93	43
1567423	601240	7082453	7/13/2015	45	LB	DAMP	B	Soil	ld	298	299	8621	8662	3788	1197	84	617	38288	385	ld	26	51	6.7	0.1	36.5	114	620	166	ld	ld	2	3	ld	6	ld	ld	10.8	ld	106	15
1567424	601272	7082355	7/13/2015	35	LB	DAMP	B	Soil	ld	59	305	5610	5904	2823	855	64	879	24157	261	ld	20	37.7	5.9	0.3	31	118	576	157	ld	10	2	ld	6	3	ld	2.3	10.2	ld	100	4
1567425	601288	7082254	7/13/2015	40	LB	DAMP	B	Soil	ld	405	122	8071	14281	3709	1129	59	644	39907	402	ld	28	51	9.4	ld	30.8	161	746	160	ld	ld	4	10	ld	12	ld	0.4	11.5	11	188	ld
1567426	601313	7082154	7/13/2015	40	B	DAMP	B	Soil	ld	642	180	10892	6402	3989	1257	75	484	29431	272	ld	25	58	8.4	ld	44	107	729	195	ld	7	1	16	ld	0	ld	1.7	12	ld	130	9
1567427	601326	7082055	7/13/2015	25	LB	DAMP	B	Soil	ld	ld	283	7944	15458	3054	1172	61	696	35915	319	ld	15	43	7	ld	29.9	147	566	113	ld	ld	3	17	11	7	ld	0.9	8.6	ld	132	ld
1567428	601344	7081956	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	211	7999	14980	3115	1079	56	636	36925	334	3	31	42	9.3	ld	30.2	153	598	129	0.2	ld	ld	11	0	9	ld	0.8	10.4	0	134	19
1567429	601367	7081854	7/13/2015	35	LB	DAMP	B	Soil	ld	345	287	8675	23961	2975	1323	49	599	39134	314	ld	37	42	7.4	ld	28.4	161	672	113	ld	1	1	2	11	ld	ld	3.8	18	86	ld	
1567430	601389	7081752	7/13/2015	40	LB	DAMP	B	Soil	ld	325	414	7508	12915	2938	1045	75	440	34855	272	13	25	40	6.4	0.8	29	152	686	166	ld	0	ld	8	ld	8	ld	2	8.6	19	147	ld
1567431	601414	7081654	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	325	7637	15892	2768	893	59	627	33148	290	2	25	48	8.4	0.2	29	143	623	132	ld	ld	ld	13	ld	11	ld	ld	5.1	25	79	53
1567432	601441	7081555	7/13/2015	40	LB	DAMP	B	Soil	ld	107	825	7337	15582	3940	1167	85	721	40492	380	ld	25	42	5.2	ld	27.6	135	623	143	0.8	4	ld	13	ld	2	0.1	1.8	9.8	ld	161	ld
1567433	601439	7081454	7/13/2015	35	LB	DAMP	B	Soil	ld	769	562	5812	14087	2437	962	38	578	30002	281	ld	23	42	2.2	ld	21	128	467	105	ld	3	3	ld	3	4	ld	0.7	5	15	85	ld
1567434	601474	7081356	7/13/2015	35	LB	DAMP	B	Soil	ld	3	318	8185	9138	3435	1112	68	429	31017	309	ld	21	44	7	ld	32.1	144	789	183	ld	0	2	19	6	6	ld	0.6	8	ld	57	27
1567435	601493	7081259	7/13/2015	45	LB	WET	B	Soil	ld	69	151	8449	4066	3290	1054	31	681	24086	185	ld	11	41.8	4.7	ld	34.3	77.6	850	150	ld	ld	ld	6	4	ld	ld	7.9	ld	68	13	
1567436	601519	7081159	7/13/2015	30	LB	DRY	B	Soil	ld	71	248	6713	15373	3299	1093	43	817	43615	304	ld	20	45	8.5	0.6	25.3	137	644	144	ld	ld	ld	7	ld	11	ld	ld	8.3	26	161	25
1567437	601531	7081062	7/13/2015	45	LB	DAMP	B	Soil	ld	229	247	9297	7864	3461	1183	58	438	28923	270	ld	15	47	4.3	0.5	40.9	123	1153	221	ld	ld	0	1	ld	6	ld	ld	9.8	1	171	ld
1567438	601559	7080964	7/13/2015	40	LB	DAMP	B	Soil	ld	623	213	19049	2354	3498	1640	41	264	24330	245	ld	13	40	7.7	0.1	47.4	67.9	576	169	ld	ld	12	23	ld	7	ld	4.3	6.6	1	132	ld
1567439	601580	7080864	7/13/2015	50	LB	DAMP	B	Soil	ld	ld	353	11696	4881	3281	1179	64	430	21462	225	ld	11	36.8	6.6	0.7	46.5	121	891	240	ld	ld	3	7	ld	11	ld	ld	11.1	ld	292	85
1567440	601608	7080763	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	247	17985	4565	3859	1560	70	371	24546	170	ld	13	40	8.6	0.9	54.7	77.9	1302	225	ld	4	0	1	ld	0	ld	2.7	5.3	ld	207	30
1567441	601625	7080663	7/13/2015	45	LB	DAMP	B	Soil	ld	81	156	11612	4927	3239	1074	41	317	22933	145	3	9	31.9	8.6	0.5	35.5	85.6	963	217	ld	ld	ld	7	ld	8	ld	0.1	6	18	137	ld
1567442	601646	7080556	7/13/2015	45	LB	DAMP	B	Soil	ld	101	229	9986	5960	3484	988	56	298	23544	234	ld	10	36.6	8.2	1	40.3	131	1155	303	ld	1	12	10	ld	3	ld	1.3	6.9	ld	137	18
1567443	597405	7081657	7/15/2015	55	LB	DAMP	B	Soil	ld	14	307	9994	6897	3719	1132	86	313	25565	239	ld	17	42	9	ld	44.8	148	1324	331	ld	4	ld	ld	ld	3	ld	1.1	10	ld	283	12
1567444	597445	7081744	7/13/2015	35	LB	DAMP	B	Soil	ld	205	313	10682	3752	3579	1355	68	245	23179	267	ld	17	50.8	17	ld	57.6	80.6	815	165	ld	1	1	18	ld	0	ld	2.6	8.3	ld	113	15
1567445	597389	7081659	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	349	11105	5073	4023	1547	52	416	37574	323	ld	17	59	37.1	0.6	44.1	115	833	167	0.2	ld	6	25	ld	1	ld	2.8	9.9	20	180	ld
1567446	597350	7081567	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	313	13344	2705	4053	1687	71	286	29404	241	ld	19	52	365	ld	53.5	46.7	746	122	1.2	0	3	20	20	ld	5	ld	6	36	114	13
1567446	597350	7081567	7/15/2015	35	LB	DAMP	B	Soil	ld	534	274	13595	1948	4156	1645	55	289	31918	270	ld	18	58	506	0.4	61	54.2	779	138	ld	0	4	14	13	ld	0	1	6.5	39	147	46
1567447	597310	7081474	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	545	9894	7395	3991	1588	82	536	31163	291	ld	19	54	10.4	0.4	44.2	101	828	187	0.5	ld	2	ld	13	ld	ld	4.6	6.4	39	159	ld
1567448	597256	7081389	7/13/2015	40	LB	DAMP	B	Soil	ld	390	379	17979	16259	4906	2690	62	574	37459	303	ld	17	65	2.5	1.1	59.7	133	993	153	ld	ld	ld	7	ld	11	ld	3.2	10.6	25	174	16
1567449	597230	7081290	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	98	25048	2608	4757	1985	66	580	41522	250	ld	24	63	26.6	0.5	81.6	42.9	1059	148	ld	ld	2	11	ld	9	ld	1.9	7.8	32	126	62
1567450	597310	7081234	7/13/2015	25	LB	DAMP	B	Soil	ld	0	301	16083	6077	3654	1113	27	442	25244	215	ld	7	49	16.6	ld	63.4	101	1236	208	0.3	ld	3	12	ld	2	ld	3.6	10.3	12	143	10
1567451	600474	7080154	7/13/2015	55	LB	DAMP	B	Soil	ld	ld	207	14376	6458	4037	1350	34	806	50851	322	ld	41	44	4.8	0	44.6	65.1	1102	131	0.7	ld	ld	ld	ld	2	ld	2.4	5.3	ld	85	1
1567452	600523	7080163	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	197	15449	5492	4883	1573	41	696	46041	324	ld	28	56	3.8	1.2	49.9	62	984	144	ld	ld	ld	6	14	ld	ld	1.4	9.4	11	139	46
1567453	600568	7080182	7/13/2015	35	LB	DAMP	B	Soil	ld	457	272	15462	5594	4225	1660	46	716	40790	269	ld	22	60	3.9	ld	54.1	75.3	1117	170	0.2	ld	12	15	ld	10	ld	2.8	8.8	ld	126	ld
1567454	600616	7080199	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	444	18534	3792	4402	1872	71	473	38061	250	8	21	64	7.7	0.4	57.2	56.2	1107	171	ld	2	4	13	0	6	ld	0.2	8	45	80	11
1567455	600666	7080220	7/13/2015	35	LB	DAMP	B	Soil	ld	324	200	11137	9639	2905	1348	47	709	26169	204	ld	18	50	34.8	ld	45.1	55	737	124	ld	ld	0	8	ld	6	ld	ld	9.4	1	99	26
1567456	600713	7080241	7/13/2015	40	LB	DAMP	B	Soil	ld	416	349	11901	7382	3585	1491	49	753	28125	188	ld	25	45.5	15	ld	50.2	72.2	824	124	ld	9	4	0	12	0	ld	0.6	9.5	28	76	36
1567457	600756	7080261	7/13/2015	40	LB	DAMP	B	Soil	ld	62	255	12551	4206	3708	1515	51	635	29928	197	2	23	49	13.7	0.1	45.3	43.8	973	142	ld	1	9	18	12	10	ld	2.8	8.6	ld	88	44
1567458	600810	7080257	7/13/2015	25	LB	DAMP	B	Soil	ld	ld	190	17239	2591	3775	1834	57	366	29278	216	0	15	71	15.8	0.3	60.5	42.4	887	155	ld	ld	6	11	ld	ld	ld	2.6	8.5	4	149	1
1567459	600860	7080260	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	102	16393	2614	5114	1943	69	723	33535	220	4	20	69	24.7	0.7	44.5	27.4	825	122	ld	ld	4	22	7	10	ld	1.7	9.9	ld	189	47
1567460	600911	7080277	7/13/2015	35	LB	DAMP	B	Soil	ld	12	174	13531	4703	3755	1634	51	345	28405	214	ld	16	52	16.1	1	54	75.5	1055	194	1.1	ld	1	6	3	11	ld	1.1	12.1	ld	145	26
1567461	600957	7080300	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	159	15029	4229	3916	1691	63	468	31026	235	ld	13	57	10.1	0.4	57	65	1004	192	0.6	2	6	0	ld	18	ld	0.2	8.4	ld	197	35
1567462	601003	7080317	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	329	10181	4021	3391	1347	69	310	22392	226	ld	15	48.5	4.5	0.5	41.4	62.2	812	152	0.4	7	1	13	2	10	ld	0.4	7.2	ld	78	11
1567463	597518	7081736	7/13/2015	45	LB	DAMP	B	Soil	ld	45	354	16741	4031	3694	1870	88	370	30420	238	ld	25	62	14.4	0.6	48	59.7	928	157	ld	2	3	7	ld	14	ld	ld	8	ld	234	35
1567464	597536	7081636	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	151	10370	7966	4104	1833	75	412	37337	277	10	26	64	19.3	0.1	39.3	118	826	178	ld	ld	ld	10	ld	8	ld	1.1	9.8	ld	165	32
1567465	597488	7081548	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	85	23610	2195	5667	2476	67	609	53549	374	28	28	78	4.7	0.2	73.4	35.1	437	117	1.1	ld	1	15	ld	7	ld	0.9	7.5	ld	217	1
1567466	597443	7081457	7/13/2015	45	LB	WET	B	Soil	ld	499	355	25293	6848	5325	1955	43	675	47106	329	ld	22	64	5	ld	72.9	105	1060	134	ld	ld	1	7	12	15	ld	0.6	10.9	9	138	6
1567467	597429	7081352	7/13/2015	30	LB	DRY	B	Soil	ld	209	202	27353	9935	4729	1320	21	608	38282	277	ld	10	61	2.8	ld	85.9	181	1885	180	ld	ld	ld	3	ld	3	0.1	3.4	17.8	ld	123	57
1567468	597440	7081251	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	298	25383	8559	2901	1110	29	461	30541	220	ld	9	56	4.7	0.1	66.4	68.6	1609	240	ld	ld	ld	18	15	ld	ld	1.3	14.5	ld	198	22
1567469	597399	7081149	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	197	16591	8177	4030	1050	16	1311	40759	189	ld	7	64	3	ld	49.6	64.3	1391	179	ld	ld	0	8	8	4	ld	3.4	10.7	4	112	33
1567470	597338	7081054	7/13/2015	50	LB	DAMP	B	Soil	1836	ld	116	28231	15070	6013	1612	26	1099	56333	325	ld	29	70	4.8	0	78.5	118	1958	214	0.9	ld	ld	15	2	5	ld	5	11.3	ld	280	ld
1567471	597270	7080968	7/13/2015	35	B	DAMP	B	Soil	ld	ld	306	7776	15686	6405	1459	27	1490	64359	303	ld	27	57	6.8	ld	23.4	196	1335	148	1.8	ld	ld	8	5	9	ld	2.4	10.7	ld	104	ld
1567472	597188	7080898	7/13/2015	45	LB	DAMP	B	Soil	ld	ld	283	34493	3627	6634	3116	94	613	48060	334	2	33	78	8.2	2.1	82.9	29	1380	162	0.6	ld	ld	15	ld	ld	ld	2.1	8.4	12	202	30
1567473	597244	7081160	7/13/2015	40	LB	DAMP	B	Soil	ld	ld	305	33716	2787	4818	1278	9	919	41839	246	ld	5	71	26.8	0.7	106.6	28.3	1367	197	ld	ld	ld	9	ld	9	ld	4.9	7.6	8	80	25
1567474	597152	7081108	7/13/2015	55	LB	DAMP	B	Soil	820	201	150	25461	4401	3510	1111	42	855	38292	210	ld	11	64	18.8	ld	79.8	71	1594	268	ld	4	4	11	ld	ld	ld	2.3	14.3	25	149	43
1567475	597093	7081021	7/13/2015	35	LB	DAMP	B	Soil	ld	ld	241	15219	7823	6138	1336	24	830	46131	262	ld	23	53	128	0.5	53.1	100	1516	222	ld	1	1	14	8	13	ld	ld	11.3	26	205	26
1567480	597398	7081749	7/15/2015	40	LB	DAMP	B	Soil	ld	848	689	18139	1965	4262	1952	65	374	33795	262	ld	17	65	50.2	0.6	72.3	61.9	949	198	ld	7	2	34	2	20	ld	ld	12.4	ld	302	45
1567481	597374	7081749	7/15/2015	35	LB	DAMP	B	Soil	ld	225	1188	12044	3451	3746	1433	72	282	26124	251	ld	19	46.9	23.1	0.8	62.1	76.4	770	180	ld	ld	ld	12	ld	6	ld	0.9	11	1	130	49
1567482	597350	7081750	7/15/2015	35	LB	DAMP	B	Soil	ld	ld	879	12751	2440	3475	1616	60	302	23392	251	ld	14	46	43.4	0.2	50.1	65.3	802	178	ld	ld	ld	28	0	5	ld	ld	9	43	157	15
1567483	597324	7081724	7/15/2015	40	LB	DAMP	B	Soil	ld	169	479	17886	3386	4151	1708	72	375	28121	272	ld	21	61	38.3	0.7	64.2	67.3	1118	188	ld	2	6	21	ld	ld	2.2	2.7	11.4	12	237	50
1567484	597350	7081725	7/15/2015	35	LB	DAMP	B	Soil	ld	26	681	23488	2109	5535	2196	95	468	34727	349	ld	26	80	61.8	ld	71.8	44.1	1596	205	ld	5	3	28	9	13	ld	2.2	13.1	1	251	ld
1567485	597375	7081725	7/15/2015	40	LB	DAMP	B	Soil	ld	591	511	19204	1440	4010	1867	69	300	27911	191	ld	16	61	38.6	ld	82.6	56.7	1060	184	0.9	1	1	13	1	11	ld	0.5	10.9	ld	208	ld
1567486	597400	7081725	7/15/2015	35	LB	DAMP	B	Soil	ld	64	604	14254	1209	3173	1761	93	346	25230	201	4	22	56	43.4	ld	65.1	56.1	760	163	ld	0	6	5	ld	ld	2	1	8.4	ld	159	48
1567487	597426	7081725	7/15/2015	45	LB	DAMP	B	Soil	ld	348	584	13970	1301	3719	1714	97	326	23883	202	ld	14	47	27.6	ld	63.9	46	844	147	1.1	3	0	27	ld	12	ld	ld	8.1	ld	209	42
1567488	597451	7081726	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	468	10638	3250	3441	1457	87	286	21742	253	ld	14	51.8	16.3	0.2	58.6	81.6	830	179	ld	ld	ld	27	ld	8	ld	0.8	12.6	28	124	39
1567489	597451	7081700	7/15/2015	50	LB	DAMP	B	Soil	ld	ld	462	11754	2700	3115	1507	96	300	27709	218	5	19	58	7.3	0.4	53.2	65.7	910	149	1.7	3	ld	25	11	ld	ld	1.2	7.2	ld	145	34
1567490	597424	7081700	7/15/2015	45	LB	DAMP	B	Soil	ld	ld	543	10146	2219	3687	1547	77	374	28405	307	ld	17	51	12.8	0.2	55.4	62.1	843	180	ld	3	10	13	ld	5	ld	0.8	10.7	ld	164	49
1567491	597400	7081698	7/15/2015	45	LB	DAMP	B	Soil	ld	215	549	16292	1138	4425	2152	99	531	35907	375	ld	21	77	56.4	0	69.9	45.7	1273	178	ld	2	ld	13	5	8	ld	1.5	19.2	41	190	79
1567492	597376	7081701	7/15/2015	45	LB	DAMP	B	Soil	ld	284	408	9002	1296	3317	1346	78	267	21671	253	ld	15	46.4	20.5	ld	46.4	43.3	716	127	0.3	ld	4	17	4	11	ld	ld	6.5	ld	110	ld
1567493	597348	7081698	7/15/2015	55	LB	DAMP	B	Soil	ld	269	549	15314	1255	3664	1694	93	343	24991	255	ld	19	55	19.6	0.4	62.2	40.6	823	139	ld	ld	5	12	ld	7	ld	2.5	7.9	9	154	6
1567494	597324	7081698	7/15/2015	35	B	DAMP	B	Soil	ld	112	420	15671	1205	3508	1680	102	368	29034	270	ld	18	64	34.9	ld	65	40.1	922	140	0.3	ld	ld	8	ld	1	ld	1.8	8.6	ld	177	65
1567495	597300	7081700	7/15/2015	35	LB	DAMP	B	Soil	ld	119	293	13893	1021	3373	1607	95	293	26228	240	ld	16	49	25	0.3	62.9	37.4	717	138	1.4	ld	2	11	21	11	ld	ld	6.5	ld	107	60
1567496	597275	7081675	7/15/2015	40	LB	DAMP	B	Soil	ld	329	516	9907	2444	3095	1418	87	278	24608	260	ld	16	48	29.4	ld	55.5	69.1	1037	190	ld	1	ld	32	1	3	ld	ld	10.6	ld	170	45
1567497	597302	7081674	7/15/2015	45	LB	DAMP	B	Soil	ld	201	507	13657	1545	3685	1857	81	357	28692	284	ld	21	59	33.5	ld	62.8	50.7	954	177	0.2	2	10	14	0	6	0.7	0.7	7.5	ld	225	27
1567498	597324	7081674	7/15/2015	40	LB	DAMP	B	Soil	ld	ld	470	10238	1398	2876	1469	95	438	30234	228	5	21	60	32.8	ld	44	47.4	813	152	ld	ld	3	13	ld	ld	0.7	1.5	11.5	22	174	32
1567499	597350	7081674	7/15/2015	35	LB	DAMP	B	Soil	ld	8	773	11917	1291	3193	1942	105	324	26210	166	18	19	49	63.9	ld	45.1	42.6	681	136	2.5	ld	ld	7	ld	11	ld	1.7	7.8	ld	141	30
1567500	597374	7081674	7/15/2015	45	LB	DAMP	B	Soil	ld	142	357	11415	1218	2777	1536	71	374	22900	154	ld	18	53	17.3	ld	57.3	39	795	120	ld	ld	6	9	11	6	ld	1.1	5.9	ld	115	32
LNSX04	608130	7069750	9/10/2015	40	LB	DAMP	B	Soil	ld	103	91	18585	4883	4437	2072	102	1070	39908	182	5	15	63	3.8	0.1	68.5	46.2	874	149	ld	ld	3	14	3	3	ld	1.1	11.1	ld	141	5
LNSX23	609831	7069624	9/11/2015	25	LB	DAMP	B	Soil	ld	162	326	15925	9423	3463	1717	82	474	33716	225	15	23	59	9.2	0.5	52.4	126	798	178	0.1	4	ld	17	3	6	ld	2.8	11.4	ld	123	37
LNXS01	608004	7069475	9/10/2015	40	LB	DAMP	B	Soil	ld	ld	126	32256	3225	4324	2133	90	318	37515	186	18	39	88	46.4	0.1	89.7	25.7	927	123	0.1	ld	3	14	2	ld	ld	1.5	7.5	10	130	27
LNXS02	608056	7069563	9/10/2015	40	LB	WET	B	Soil	ld	130	58	39808	725	6307	2342	63	346	44131	207	13	18	82	21.4	0	106.9	19.4	640	122	ld	ld	ld	7	ld	8	ld	3.8	6.9	ld	124	31
LNXS03	608094	7069656	9/10/2015	25	LB	DRY	B	Soil	ld	233	44	25669	638	4330	2094	64	376	38079	266	0	24	80	7.5	0.2	97.5	23.3	620	126	ld	ld	1	16	3	19	ld	1.8	7	ld	61	77
LNXS05	608169	7069846	9/10/2015	35	LB	DAMP	B	Soil	ld	254	ld	22252	1765	3854	1980	102	251	26659	135	9	13	57	6.4	0.4	86.9	42.7	624	156	0.7	1	ld	13	ld	11	ld	3.5	10.3	4	141	1
LNXS06	608176	7069947	9/10/2015	40	B	DAMP	B	Soil	ld	41	91	17742	1626	3289	1780	77	184	22424	187	1	17	46	7.7	ld	75.9	51.5	693	162	ld	ld	2	12	7	8	ld	0.6	9.7	27	167	44
LNXS07	608212	7070040	9/10/2015	40	LB	DAMP	B	Soil	ld	210	111	30482	1496	5851	3181	117	434	46575	267	14	12	74	5.8	1.2	99.5	19.5	754	148	ld	ld	4	30	8	3	ld	2.9	7.8	32	193	35
LNXS08	608688	7070284	9/10/2015	40	LB	DAMP	B	Soil	ld	277	86	13368	14117	3549	2050	69	480	37398	250	ld	17	66	6.3	ld	57.9	104	665	121	ld	ld	0	20	11	16	ld	2.1	11.8	30	134	51
LNXS09	608791	7070286	9/10/2015	35	LB	DAMP	B	Soil	ld	ld	278	8511	6984	3553	1127	75	634	32878	270	ld	13	42	10.5	ld	39.7	108	712	195	ld	3	2	8	13	9	ld	ld	8.9	20	100	ld
LNXS10	608890	7070267	9/11/2015	45	LB	DAMP	B	Soil	ld	ld	215	11656	13796	3856	1445	78	464	38269	234	10	28	57	6.6	0.4	47.5	102	713	142	ld	ld	ld	ld	7	6	ld	2.7	9.3	ld	139	27
LNXS11	608988	7070244	9/11/2015	35	LB	DAMP	B	Soil	ld	ld	45	12010	9005	3765	1439	87	403	36347	289	ld	21	49	7.5	ld	53.4	124	716	159	ld	ld	7	23	6	ld	ld	ld	10.5	ld	136	11
LNXS12	609070	7070231	9/11/2015	40	LB	DAMP	B	Soil	ld	418	ld	20383	19265	4608	2527	130	681	47520	363	ld	24	88	8.4	0.1	82.7	112	1020	169	ld	ld	4	35	15	6	ld	2.6	6.8	ld	211	75
LNXS13	609171	7070246	9/11/2015	40	LB	DAMP	B	Soil	ld	372	71	13721	8818	3678	1460	74	349	34490	283	ld	28	55	4	ld	47.8	133	858	201	ld	ld	ld	16	11	2	ld	1.2	12.7	38	163	26
LNXS14	609272	7070253	9/11/2015	25	LB	DAMP	B	Soil	ld	119	293	12533	14247	3322	1317	77	358	30693	285	ld	13	56	7.8	0.3	46.7	117	677	149	ld	0	2	2	8	24	ld	0.1	9	1	104	34
LNXS15	609368	7070288	9/11/2015	35	LB	DAMP	B	Soil	ld	199	33	13754	14807	3965	1767	98	459	38788	293	0	24	64	11.1	ld	52.3	129	690	169	ld	4	6	19	2	8	ld	1.6	9.2	ld	167	ld
LNXS16	609443	7070219	9/11/2015	35	LB	DAMP	B	Soil	ld	ld	8	10118	10147	3299	1161	69	340	28755	257	8	28	51	5.7	ld	44.8	141	990	192	0.3	ld	ld	18	2	10	ld	0.3	11.2	5	193	ld
LNXS17	609522	7070149	9/11/2015	40	LB	DAMP	B	Soil	ld	432	230	14832	19582	3651	1580	80	440	31330	247	2	12	58	6	0	52.9	158	765	138	ld	ld	ld	4	ld	12	ld	ld	10.3	9	132	25
LNXS18	609591	7070074	9/11/2015	40	B	DAMP	B	Soil	ld	ld	220	17597	22586	3939	1851	86	443	38754	214	5	24	63	5	ld	57	181	913	135	2.5	0	ld	12	ld	13	ld	2.3	10.2	ld	192	4
LNXS19	609659	7070000	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	181	13675	11886	3614	1752	69	450	33498	239	11	24	62	5.1	0.6	55.9	108	840	172	ld	0	ld	2	ld	6	ld	3.9	9.8	15	137	20
LNXS20	609716	7069913	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	67	11761	13059	4215	1416	81	527	31757	287	8	23	61	11.4	0	53.2	191	1198	277	ld	ld	3	5	ld	8	ld	1.1	12.2	ld	257	40
LNXS21	609745	7069817	9/11/2015	40	LB	DAMP	B	Soil	ld	99	117	12141	8858	4000	1677	67	380	34042	285	ld	22	66	10.1	ld	57.4	123	958	206	ld	1	2	13	5	13	ld	2	14.2	1	134	5
LNXS22	609793	7069727	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	214	14846	7799	4397	1933	69	404	33278	290	ld	29	63	10.4	0.2	56.8	107	846	181	ld	ld	ld	16	ld	ld	0.1	4.7	7.2	0	204	14
LNXS24	609867	7069530	9/11/2015	35	LB	DAMP	B	Soil	ld	59	246	12143	6234	3951	1480	62	454	27073	277	ld	19	52	8.6	0.4	53.4	121	942	222	ld	2	ld	10	3	5	ld	1.2	8.2	2	232	43
LNXS25	609868	7069433	9/11/2015	35	LB	WET	B	Soil	ld	201	115	10089	8953	3800	1264	75	469	27850	237	3	21	54	8.6	0.3	50.1	155	1136	286	ld	4	12	ld	ld	ld	ld	1.2	12.7	ld	151	86
LNXS26	609882	7069332	9/11/2015	40	LB	DRY	B	Soil	ld	186	177	11184	11257	3633	1301	74	402	27600	212	11	26	62	8.5	ld	53.7	195	1318	324	ld	ld	10	ld	ld	7	ld	0.9	14.1	ld	282	ld
LNXS27	609929	7069243	9/11/2015	40	LB	DAMP	B	Soil	ld	24	98	11046	6440	3567	1364	68	851	29077	266	ld	17	58	16.1	0	49.9	100	932	240	ld	ld	ld	16	13	10	ld	ld	10.8	2	210	0
LNXS28	609929	7069141	9/11/2015	40	LB	DAMP	B	Soil	ld	392	249	10162	8255	3583	1208	87	575	27144	233	6	25	61	14.2	0.3	52	118	876	217	0.4	2	5	19	3	0	1	0.1	16.1	ld	230	3
LNXS29	609926	7069037	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	211	17370	4836	3980	1774	93	504	27735	201	12	24	63	9	0.2	58.4	54.7	829	141	ld	ld	ld	8	0	11	ld	0	6.8	28	137	40
LNXS30	609897	7068937	9/11/2015	25	LB	DAMP	B	Soil	ld	ld	109	20792	3546	3934	1569	97	709	29162	224	14	22	71	10.6	ld	64.8	26.4	657	87.7	ld	3	7	ld	2	10	ld	ld	7.6	36	61	37
LNXS31	609853	7068843	9/11/2015	35	LB	DAMP	B	Soil	ld	223	187	32758	3664	6045	2801	114	725	42548	230	17	31	86	11.7	0.4	95.8	36.5	1199	150	ld	ld	ld	8	ld	6	ld	5.6	8.7	26	166	37
LNXS32	609821	7068745	9/11/2015	35	LB	DAMP	B	Soil	ld	85	265	14692	5085	4295	1410	73	327	32291	224	2	22	62	12	0.3	60.3	113	844	206	ld	0	0	ld	2	21	ld	ld	8.5	ld	167	59
LNXS33	609801	7068648	9/11/2015	40	B	DAMP	B	Soil	1015	56	337	31146	560	5454	2361	132	419	49601	329	8	33	73	20.5	ld	98.1	29.4	698	159	1.4	ld	0	3	ld	15	ld	1.7	11.4	ld	209	41
LNXS34	609762	7068556	9/11/2015	35	LB	DAMP	B	Soil	ld	ld	196	15478	3298	4529	1564	108	346	35903	257	27	27	61	17.9	ld	60.4	100	883	226	ld	4	ld	ld	ld	0	ld	1.9	11.7	ld	187	25
LNXS35	609684	7068492	9/11/2015	40	LB	DAMP	B	Soil	ld	298	223	9987	4783	3604	862	47	259	19404	119	ld	14	46.6	4	ld	37.9	71.8	715	195	ld	ld	ld	9	ld	ld	ld	1	6.9	ld	96	75
LNXS36	609589	7068456	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	99	25335	2202	4984	1987	85	1103	34755	173	1	21	64	41.6	ld	99.8	43.3	552	170	1.3	ld	0	7	6	14	ld	ld	10.7	26	143	ld
LNXS37	609510	7068391	9/11/2015	40	LB	DAMP	B	Soil	ld	97	290	18667	2021	4560	1560	82	634	38090	326	ld	16	60	91	ld	78.6	59.9	813	175	0	1	2	ld	ld	15	ld	ld	13.5	8	134	22
LNXS38	609408	7068404	9/11/2015	40	LB	DAMP	B	Soil	ld	101	391	18355	2659	3922	1583	77	276	31789	220	11	22	62	47.1	0.8	70.2	67.7	850	188	ld	ld	ld	2	ld	10	ld	1.6	11	ld	187	54
LNXS39	609313	7068364	9/11/2015	25	LB	DAMP	B	Soil	ld	ld	134	24442	1119	5087	2513	136	492	38065	332	3	34	81	79.6	0.7	79.4	32.7	1883	163	ld	ld	ld	11	ld	13	ld	ld	10.4	ld	214	51
LNXS40	609209	7068331	9/11/2015	35	LB	DAMP	B	Soil	1836	137	261	11639	16031	3949	1439	21	741	49512	262	ld	16	57	4.4	0.3	39	207	1070	139	ld	ld	ld	7	0	24	ld	ld	9	19	166	ld
LNXS41	609098	7068336	9/11/2015	40	LB	DAMP	B	Soil	ld	ld	173	21209	5820	3996	1637	81	466	39572	224	5	28	76	5.1	0	79.1	49.1	782	155	ld	3	5	ld	19	5	ld	0.3	6.9	ld	160	85

Appendix 5: Compiled Tabulated Analytical Results - Rocks

Appendix 5: Kate Project - Rock Sample Compiled Results

Sample Number	Sample Type	UTM83 Easting	UTM83 Northing	Notes	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
					Kg	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
1566251	Rock	596439	7082067	Quartz-Chlorite schist; Abundant magnetite and p	1.98	14.9	2	38	73	178	1.3	9	21	2879	5.04	17	3	276	3.5	3	<3	34	7.99	0.047	4	7	1.84	84	0.002	<20	1.9	<0.01	0.09	<2	3.35	<1	<5	<5	<5
1566252	Rock	596440	7082067	Quartz-Chlorite schist; Oxidized with abundant m	1.35	7.9	2	19	91	132	1.4	5	11	441	3.9	4	<2	91	1	<3	<3	16	0.22	0.073	3	4	1.63	37	0.002	<20	1.51	0.01	0.12	<2	2.54	<1	<5	<5	<5
1566384	Rock	595928	7075174	Quartz sericite altered intrusive (not metamorpho	1.58	1.2	<1	3	14	26	<0.3	<1	<1	44	1.1	<2	13	6	<0.5	<3	<3	1	<0.01	0.007	11	1	<0.01	451	0.002	<20	0.16	0.05	0.11	<2	<0.05	<1	<5	<5	<5
1566400	Rock	603102	7075409	Quartz veins; black oxide-filled cavities	1.47	1	<1	7	6	16	<0.3	11	4	244	0.69	7	<2	4	<0.5	<3	<3	6	0.1	0.023	1	6	0.16	114	0.027	<20	0.27	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
1566451	Rock	601329	7082100	Chlorite-feldspar greenschist facies, possibly a m	0.5	2.3	<1	9	<3	32	<0.3	9	17	299	2.34	<2	<2	16	<0.5	<3	<3	44	0.43	0.033	<1	5	1.41	53	0.106	<20	1.84	0.02	0.06	<2	<0.05	<1	<5	7	<5
1566971	Rock	600222	7079841	Muscovite schist (oxidized?)	1.47	6.8	2	14	5	19	1.6	8	7	324	2.87	<2	<2	3	<0.5	9	<3	7	<0.01	0.031	5	7	0.11	70	0.002	<20	0.28	0.02	0.09	<2	<0.05	3	<5	<5	<5
1566972	Rock	600276	7079628	Chlorite schist with calc/quartz vines parallel with	1.9	1.8	<1	10	4	74	<0.3	4	<1	356	2.82	<2	<2	38	<0.5	<3	<3	14	0.39	0.08	3	6	0.87	281	0.186	<20	1.27	0.03	0.15	<2	0.06	<1	<5	13	<5
1567476	Rock	600222	7080063	Muscovite schist; silicic and oxiidized	1.36	1.8	6	1	<3	10	0.6	<1	<1	39	1.5	3	3	15	<0.5	3	<3	4	<0.01	0.075	5	2	0.09	114	0.006	<20	0.19	0.09	0.07	<2	0.24	2	<5	<5	<5
1567477	Rock	601044	7080305	Quartz vein; sugary texture	1.32	0.6	<1	2	<3	4	<0.3	2	1	62	0.5	2	<2	16	<0.5	<3	<3	2	0.1	0.045	<1	2	<0.01	15	0.002	<20	0.05	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5
1567478	Rock	600234	7080028	Quartz veins; black oxide-filled cavities	1.31	1.7	<1	7	<3	23	<0.3	6	6	871	0.85	<2	<2	2	0.8	<3	<3	3	0.01	0.016	3	3	0.17	121	<0.001	<20	0.19	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1567479	Rock	597445	7075186	Quartz vein with red oxide in fractures	0.44	1.1	<1	1	<3	4	<0.3	3	1	109	0.39	<2	<2	<1	<0.5	<3	<3	1	0.01	0.007	<1	3	0.04	24	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
KR1	Rock	595713	7076395		0.25	1.3	0.5	3	1.5	3	0.15	1	0.5	121	0.32	1	1	0.5	0.25	1.5	1.5	0.5	0.01	0.001	0.5	1	0.01	17	5E-04	10	0.02	0.01	0.01	1	0.03	0.5	2.5	2.5	2.5
KR2	Rock	595898	7076420		0.83	9.2	2	33	14	76	0.15	13	4	106	3.7	24	3	5	0.25	1.5	1.5	13	0.02	0.058	5	21	0.39	117	0.001	10	0.68	0.01	0.11	1	0.03	0.5	2.5	2.5	2.5
KR3	Rock	595907	7076562		0.12	35.9	0.5	5	24	23	0.15	2	0.5	93	0.71	510	8	2	0.25	1.5	1.5	0.5	0.01	0.005	19	3	0.01	174	5E-04	10	0.15	0.03	0.13	1	0.03	0.5	2.5	2.5	2.5
KR4	Rock	595904	7076580		0.13	2.7	0.5	3	1.5	14	0.15	3	3	222	0.95	748	1	0.5	0.25	1.5	1.5	1	0.01	0.007	3	5	0.01	62	5E-04	10	0.06	0.01	0.03	1	0.03	0.5	2.5	2.5	2.5
KR5	Rock	596375	7076208		0.2	4.5	0.5	7	9	24	0.4	4	4	502	0.52	24	1	4	0.25	1.5	1.5	2	0.05	0.022	2	4	0.06	47	5E-04	10	0.09	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR6	Rock	595882	7076227		0.23	2.6	2	14	6	26	0.7	4	1	35	2.19	66	1	9	0.25	7	1.5	4	0.01	0.05	4	8	0.06	69	5E-04	10	0.19	0.01	0.12	1	0.03	0.5	2.5	2.5	2.5
KR7	Rock	595911	7076391		0.79	1.1	0.5	4	26	25	0.15	1	2	186	0.64	5	5	2	0.25	1.5	1.5	0.5	0.01	0.007	6	3	0.01	203	0.001	10	0.16	0.02	0.13	1	0.03	0.5	2.5	2.5	2.5
KR8	Rock	595895	7076433		0.6	2.8	2	26	17	50	0.15	4	3	72	8.91	83	3	14	0.25	1.5	1.5	12	0.01	0.169	5	22	0.02	100	0.001	10	0.29	0.01	0.08	1	0.03	0.5	2.5	2.5	2.5
KR9	Rock	595927	7076542		5.65	6.3	0.5	4	34	6	0.5	1	0.5	39	0.81	429	1	5	0.25	1.5	1.5	0.5	0.01	0.013	2	2	0.01	28	5E-04	10	0.03	0.01	0.01	1	0.09	0.5	2.5	2.5	2.5
KR10	Rock	595917	7076569		0.42	4.3	0.5	7	106	48	0.8	3	2	301	0.57	116	1	0.5	0.25	1.5	1.5	0.5	0.01	0.003	2	2	0.01	51	5E-04	10	0.07	0.01	0.04	1	0.03	0.5	2.5	2.5	2.5
KR11	Rock	595917	7076572		0.37	6.9	0.5	6	18	23	0.15	3	2	184	0.73	31	1	0.5	0.25	1.5	1.5	0.5	0.01	0.006	2	0.5	0.01	25	5E-04	10	0.05	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR12	Rock	595913	7076564		0.28	0.25	0.5	13	31	48	0.15	3	0.5	265	1.6	20	3	5	0.25	1.5	1.5	14	0.02	0.029	7	16	1.13	111	0.002	10	0.98	0.01	0.13	1	0.03	0.5	2.5	2.5	2.5
KR13	Rock	595911	7076564		0.31	0.25	0.5	10	9	78	0.15	31	24	1516	1.37	13	1	3	1	1.5	1.5	10	0.03	0.014	6	6	0.49	82	5E-04	10	0.5	0.01	0.01	1	0.03	0.5	2.5	2.5	2.5
KR14	Rock	595907	7076566		0.31	0.25	0.5	5	10	19	0.15	1	0.5	39	0.56	16	7	1	0.25	1.5	1.5	0.5	0.01	0.002	4	4	0.01	187	5E-04	10	0.17	0.04	0.15	1	0.03	0.5	2.5	2.5	2.5
KR15	Rock	595902	7076562		0.35	1.1	1	33	113	64	0.15	3	2	224	2.78	17	1	13	0.25	1.5	1.5	13	0.02	0.044	6	14	0.88	114	0.004	10	0.84	0.01	0.12	1	0.03	0.5	2.5	2.5	2.5
KR16	Rock	595926	7076570		0.36	1.7	0.5	6	43	12	0.15	1	0.5	70	0.68	4	7	2	0.25	1.5	1.5	1	0.01	0.007	3	3	0.01	103	0.001	10	0.14	0.02	0.1	1	0.03	0.5	2.5	2.5	2.5
KR17	Rock	595928	7076556		0.28	2.5	0.5	2	1.5	4	0.15	1	0.5	31	0.46	3	1	0.5	0.25	1.5	1.5	0.5	0.01	0.004	0.5	3	0.01	17	5E-04	10	0.04	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR18	Rock	595933	7076555		0.27	6.3	0.5	2	575	2	14.7	1	0.5	28	0.62	21	1	2	0.25	1.5	12	0.5	0.01	0.004	0.5	2	0.01	34	5E-04	10	0.01	0.01	0.01	1	0.03	0.5	2.5	2.5	2.5
KR19	Rock	595934	7076553		0.31	0.25	0.5	6	8	6	0.15	2	0.5	33	0.83	5	1	3	0.25	1.5	1.5	0.5	0.01	0.012	2	4	0.01	13	5E-04	10	0.05	0.01	0.01	1	0.03	0.5	2.5	2.5	2.5
KR20	Rock	595976	7076549		0.33	1.4	0.5	6	19	19	0.15	7	5	607	0.72	4	3	3	0.25	1.5	1.5	0.5	0.06	0.031	9	2	0.01	74	5E-04	10	0.09	0.02	0.05	1	0.03	0.5	2.5	2.5	2.5
KR21	Rock	595992	7076548		3.44	4	0.5	9	18	15	0.15	5	3	384	0.79	3	2	4	0.25	1.5	1.5	0.5	0.07	0.035	8	4	0.01	56	0.001	10	0.12	0.05	0.04	1	0.03	0.5	2.5	2.5	2.5
KR22	Rock	596022	7076433		0.33	2	0.5	10	9	39	0.15	12	29	2303	0.96	4	1	3	0.25	1.5	1.5	3	0.01	0.011	2	6	0.23	74	0.001	10	0.33	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR23A	Rock	596074	7076271		0.24	3.4	0.5	8	23	15	0.5	3	1	112	0.5	3	1	5	0.25	1.5	1.5	1	0.03	0.016	2	3	0.19	177	0.001	10	0.18	0.01	0.05	1	0.03	0.5	2.5	2.5	2.5
KR23B	Rock	596075	7076174		0.35	0.25	0.5	5	1.5	13	0.15	5	4	434	0.59	6	1	2	0.25	1.5	1.5	0.5	0.05	0.007	0.5	4	0.01	25	5E-04	10	0.03	0.01	0.01	1	0.03	0.5	2.5	2.5	2.5
KR24A	Rock	596075	7075699		0.33	0.7	0.5	3	27	6	0.6	0.5	0.5	27	0.51	3	1	1	0.25	1.5	1.5	0.5	0.01	0.004	0.5	2	0.01	39	5E-04	10	0.02	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR24B	Rock	596080	7075678		0.4	0.5	0.5	4	20	23	0.15	0.5	1	83	0.52	4	4	2	0.25	1.5	1.5	0.5	0.01	0.004	0.5	2	0.01	80	0.001	10	0.12	0.02	0.16	1	0.03	0.5	2.5	2.5	2.5
KR25	Rock	603144	7075304		2.56	0.9	0.5	9	1.5	35	0.15	28	5	204	1.22	8	1	7	0.25	1.5	1.5	10	0.15	0.043	3	14	0.33	112	0.048	10	0.49	0.01	0.07	1	0.03	0.5	2.5	2.5	2.5
KR26A	Rock	599910	7077198		0.29	7.1	0.5	13	7	35	0.15	10	3	172	0.92	11	1	2	0.25	1.5	1.5	5	0.05	0.016	2	7	0.3	72	0.02	10	0.34	0.01	0.07	1	0.03	0.5	2.5	2.5	2.5
KR26B	Rock	599511	7077293		0.34	0.25	0.5	6	4	7	0.15	6	6	237	0.69	1	1	0.5	0.25	1.5	1.5	3	0.02	0.012	0.5	5	0.1	30	0.002	10	0.15	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR27	Rock	599820	7077257		0.3	0.7	0.5	5	7	13	0.15	6	4	326	0.71	2	1	2	0.25	1.5	1.5	4	0.08	0.036	4	5	0.28	45	0.002	10	0.33	0.01	0.04	1	0.03	0.5	2.5	2.5	2.5
KR28	Rock	600000	7077200		0.3	0.8	0.5	4	8	17	0.15	3	2	145	0.73	12	1	2	0.25	1.5	1.5	4	0.08	0.03	0.5	6	0.29	11	0.022	10	0.33	0.03	0.01	1	0.03	0.5	2.5	2.5	2.5
KR29	Rock	600570	7076649		0.26	1.7	0.5	2	9	17	0.15	4	3	191	0.78	1	1	1	0.25	1.5	1.5	5	0.04	0.022	1	5	0.4	27	0.001	10	0.39	0.01	0.03	1	0.03	0.5	2.5	2.5	2.5
KR30	Rock	601064	7075819		4.05	1.2	3	67	11	37	0.15	26	5	176	5.51	4	2	6	0.25	1.5	1.5	26	0.01	0.085	3	59	0.46	82	0.089	10	0.49	0.01	0.07	1	0.03	0.5	2.5	2.5	2.5
KR31	Rock	601358	7074529		0.29	0.25	0.5	1	1.5	3	0.15	0.5	0.5	28	0.35	1	1	0.5	0.25	1.5	1.5	0.5	0.01	0.002	2	3	0.01	24	5E-04	10	0.05	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5
KR32	Rock	608572	7070211		0.5	0.6	0.5	2	1.5	15	0.15	4	2	166	0.81	1	1	0.5	0.25	1.5	1.5	7	0.07	0.027	0.5	8	0.34	25	0.01	10	0.38	0.01	0.02	1	0.03	0.5	2.5	2.5	2.5

Appendix 6: Compiled Tabulated Analytical Results - Soils

Appendix 6: Kate Project - Compiled Tabulated Analytical Results - Soils

Samplenumber	Sample type	UTM83 E	UTM83 N	Date	Certificate	Name of Sampler	Moisture	Depth cm	Colour	Dominant Component	Site rating	Type	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc
													PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	%	PPM	PPM	PPM	PPM
1566001	Soil	595874	7076502	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	2	4	23	42	143	0.4	37	16	343	4.31	75	6	4	<0.5	3	<3	34	0.05	0.02	14	37	1.32	239	0.01	<20	2.15	<0.01	0.03	<2	<0.05	<1	<5	6	<5
1566002	Soil	595901	7076498	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	2.7	3	45	18	164	0.7	42	12	307	4.55	32	5	4	<0.5	<3	<3	23	0.05	0.04	9	30	0.5	147	0	<20	1.36	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1566003	Soil	595924	7076499	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	6.6	2	17	13	71	<0.3	19	6	260	2.61	13	4	7	<0.5	<3	<3	42	0.07	0.02	10	26	0.48	184	0.03	<20	1.46	<0.01	0.02	<2	<0.05	<1	<5	6	<5
1566004	Soil	595950	7076500	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	2.6	2	20	17	74	<0.3	24	10	405	3.22	25	<2	10	<0.5	<3	<3	46	0.11	0.05	10	46	0.72	257	0.02	<20	1.81	<0.01	0.03	<2	<0.05	<1	<5	7	<5
1566005	Soil	595975	7076501	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	5.6	2	29	14	78	<0.3	25	8	237	3.07	16	5	8	<0.5	<3	<3	35	0.07	0.02	16	26	0.46	196	0.03	<20	1.23	<0.01	0.03	<2	<0.05	<1	<5	5	<5
1566006	Soil	596000	7076500	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	3.3	1	25	12	58	<0.3	22	8	228	2.88	12	5	9	<0.5	<3	<3	37	0.09	0.02	20	28	0.47	262	0.02	<20	1.38	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566007	Soil	596027	7076500	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	17.5	4	63	29	130	0.4	42	11	327	5.33	70	7	29	<0.5	4	<3	26	0.04	0.07	46	34	1.06	184	0.01	<20	1.58	0.01	0.04	<2	0.11	<1	<5	<5	<5
1566008	Soil	596052	7076500	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	10.4	5	74	45	182	0.5	53	22	561	5.98	73	8	18	<0.5	4	<3	17	0.1	0.08	35	18	0.28	212	0	<20	0.68	<0.01	0.02	<2	<0.05	<1	<5	7	<5
1566009	Soil	596076	7076499	1-Sep-15	WHI15000219	JT	DAMP	40	light brown	soil	good	soil	2	2	46	18	118	<0.3	38	13	399	3.9	190	6	13	<0.5	<3	<3	29	0.31	0.06	16	52	0.88	311	0	<20	1.42	<0.01	0.03	<2	<0.05	<1	<5	9	<5
1566010	Soil	596102	7076500	1-Sep-15	WHI15000219	JT	DAMP	50	light brown	soil	mod	soil	7	3	44	28	120	0.5	38	13	308	4.16	491	6	24	<0.5	5	<3	16	0.24	0.04	20	14	0.15	306	0	<20	0.59	<0.01	0.05	<2	0.06	<1	<5	7	<5
1566011	Soil	596126	7076499	1-Sep-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	18.2	3	37	40	98	1.5	29	11	319	3.25	222	9	17	<0.5	5	<3	14	0.17	0.05	23	16	0.15	297	0	<20	0.54	<0.01	0.05	<2	0.05	<1	<5	<5	<5
1566012	Soil	596151	7076500	1-Sep-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	9.8	2	29	21	73	0.4	24	9	227	3	325	8	10	<0.5	7	<3	18	0.12	0.02	26	16	0.28	313	0.01	<20	0.9	<0.01	0.07	<2	<0.05	<1	<5	<5	<5
1566013	Soil	596176	7076499	1-Sep-15	WHI15000219	JT	DAMP	45	light brown	soil	poor	soil	2	2	20	19	60	0.4	19	8	360	2.54	165	6	23	<0.5	4	<3	25	0.28	0.03	16	20	0.44	370	0.01	<20	1.02	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1566014	Soil	596198	7076501	1-Sep-15	WHI15000219	JT	DAMP	55	light brown	soil	poor	soil	5.2	1	28	23	67	0.4	26	13	487	2.84	370	5	21	<0.5	5	<3	23	0.22	0.04	15	17	0.26	493	0.01	<20	0.82	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
1566015	Soil	596223	7076503	1-Sep-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	3.5	2	44	23	90	<0.3	49	13	636	3.69	109	8	19	<0.5	<3	<3	66	0.35	0.08	27	61	1.28	485	0.01	<20	1.96	<0.01	0.05	<2	<0.05	<1	<5	10	8
1566023	Soil	595799	7076399	18-Jul-15	WHI15000219	JT	DRY	35	light brown	soil	poor	soil	3.7	2	54	33	106	<0.3	49	12	594	3.63	27	9	18	<0.5	<3	<3	36	0.29	0.09	31	41	1.35	268	0.02	<20	1.74	<0.01	0.04	<2	<0.05	<1	<5	7	<5
1566024	Soil	595849	7076392	18-Jul-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	9.4	2	27	49	91	0.7	15	6	204	3.92	75	9	14	<0.5	5	<3	14	0.01	0.05	26	15	0.56	115	0.01	<20	1.02	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566025	Soil	595901	7076403	18-Jul-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	6.6	3	26	24	76	0.7	24	8	173	3.56	47	5	10	<0.5	4	<3	30	0.04	0.04	17	22	0.22	186	0.02	<20	1.12	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566026	Soil	595951	7076399	18-Jul-15	WHI15000219	JT	DAMP	50	light brown	soil	poor	soil	16.7	2	38	16	109	0.5	40	13	613	3.63	30	6	7	<0.5	<3	<3	26	0.1	0.03	37	40	0.8	246	0.01	<20	1.16	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1566027	Soil	595999	7076400	18-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	13.9	2	39	44	120	0.6	35	13	592	3.65	50	7	8	<0.5	3	<3	23	0.2	0.04	33	26	0.28	310	0.01	<20	0.8	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566028	Soil	596049	7076396	18-Jul-15	WHI15000219	JT	DAMP	45	light brown	soil	poor	soil	13.6	2	32	37	92	0.8	29	12	730	3.11	38	6	20	<0.5	<3	<3	24	0.35	0.04	24	21	0.27	418	0.01	<20	0.88	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566029	Soil	596100	7076400	18-Jul-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	10	2	37	33	85	0.7	31	9	355	3.14	35	7	11	<0.5	<3	<3	20	0.24	0.06	27	19	0.56	302	0.01	<20	1.02	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566030	Soil	596151	7076398	18-Jul-15	WHI15000219	JT	DAMP	55	brown	soil	mod	soil	14.4	3	58	34	197	0.6	47	20	637	5.01	59	9	31	<0.5	4	<3	21	1.77	0.12	23	19	0.6	69	0	<20	0.24	<0.01	0.05	<2	0.58	<1	<5	<5	<5
1566031	Soil	596198	7076398	18-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	12.1	2	43	46	142	0.8	38	13	1047	3.54	61	3	31	0.8	3	<3	25	0.78	0.09	25	25	0.31	342	0.01	<20	0.81	<0.01	0.04	<2	0.06	<1	<5	<5	<5
1566032	Soil	596250	7076393	18-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	7.3	2	40	44	111	0.8	32	13	762	3.09	40	4	33	0.9	3	<3	24	0.69	0.08	19	21	0.38	322	0.01	<20	0.87	<0.01	0.04	<2	0.05	<1	<5	<5	<5
1566061	Soil	595924	7076298	31-Aug-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	82.2	3	162	985	244	4.3	19	4	457	3.28	30	5	33	<0.5	6	4	22	0.08	0.05	8	26	2.1	223	0.05	<20	1.86	<0.01	0.09	<2	0.12	<1	<5	8	<5
1566062	Soil	595948	7076301	31-Aug-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	26.3	2	25	73	62	1.4	15	5	200	2.3	15	5	12	<0.5	<3	3	22	0.07	0.03	13	18	0.88	670	0.01	<20	1.23	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566063	Soil	595976	7076299	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	57	2	21	118	93	0.8	16	4	460	2.76	40	6	26	<0.5	<3	<3	17	0.07	0.05	8	20	1.51	604	0.06	<20	1.34	<0.01	0.05	<2	<0.05	<1	<5	8	<5
1566064	Soil	595998	7076299	31-Aug-15	WHI15000219	JT	DAMP	50	light brown	soil	poor	soil	41.6	3	74	170	203	0.9	34	6	368	4.03	29	8	30	<0.5	<3	<3	27	0.03	0.05	19	33	1.72	297	0.02	<20	2.05	<0.01	0.09	<2	0.13	<1	<5	7	<5
1566065	Soil	596024	7076300	31-Aug-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	34.8	2	46	67	113	0.4	25	7	355	3.18	29	7	16	<0.5	3	<3	29	0.04	0.04	20	28	0.94	240	0.02	<20	1.58	<0.01	0.04	<2	<0.05	<1	<5	5	<5
1566066	Soil	596052	7076300	31-Aug-15	WHI15000219	JT	DAMP	45	brown	soil	mod	soil	345.7	3	220	1838	507	6.1	33	18	1766	5.59	58	8	16	0.8	9	<3	18	0.12	0.11	29	27	1.41	105	0	<20	1.28	<0.01	0.04	<2	0.1	1	<5	<5	<5
1566067	Soil	596075	7076299	31-Aug-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	175.6	3	210	1163	493	7.5	33	17	1151	5.31	58	8	9	1	9	<3	15	0.19	0.1	13	28	1.4	103	0	<20	1.21	<0.01	0.03	<2	0.07	2	<5	<5	<5
1566068	Soil	596102	7076301	31-Aug-15	WHI15000219	JT	WET	55	light brown	soil	mod	soil	61.6	3	59	87	199	1.1	30	13	690	3.5	46	9	27	<0.5	4	<3	19	0.19	0.07	34	22	0.85	500	0.01	<20	1.22	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566069	Soil	596125	7076299	31-Aug-15	WHI15000219	JT	DRY	35	light brown	soil	mod	soil	43.9	2	56	153	194	1.1	31	13	686	3.1	33	6	24	0.6	3	<3	26	0.3	0.05	21	24	0.79	327	0.02	<20	1.25	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566070	Soil	596150	7076301	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	36.3	2	43	88	148	0.9	27	11	796	2.75	23	5	29	<0.5	<3	<3	27	0.35	0.04	20	23	0.73	364	0.02	<20	1.28	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566071	Soil	596176	7076299	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	27.2	2	45	106	138	0.9	27	10	523	2.88	28	6	32	<0.5	3	<3	28	0.31	0.05	21	25	0.73	374	0.03	<20	1.25	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1566072	Soil	596199	7076298	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	good	soil	24.9	2	47	134	140	1.1	27	13	740	2.53	26	6	36	<0.5	<3	<3	21	0.3	0.04	24	22	0.87	462	0.02	<20	1.27	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566073	Soil	596225	7076300	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	22.8	1	36	104	114	1.1	23	14	974	2.58	32	5	34	<0.5	<3	<3	23	0.5	0.05	13	19	0.89	435	0.02	<20	1.21	<0.01	0.05	<2	0.07	<1	<5	<5	<5
1566074	Soil	596251	7076301	31-Aug-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	20.6	2	40	43	126	0.6	29	13	597	3.16	88	11	22	<0.5	4	<3	15	0.26	0.07	25	13	0.35	276	0.01	<20	0.67	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
1566075	Soil	596275	7076301	31-Aug-15	WHI15000219	JT	DAMP	40	brown	soil	mod	soil	31	2	36	150	134	1.6	23	9	815	2.59	44	5	34	<0.5	<3	<3	24	0.42	0.06	11	22	1.2	372	0.06	<20	1.32	<0.01	0.06	<2	0.09	<1	<5	8	<5
1566100	Soil	595927	7076541	1-Sep-15	WHI15000219	JT	DAMP	35	light brown	soil	good	soil	15.2	2	29	51	80	0.4	15	4	120	3.43	202	11	30	<0.5	3	<3	12	0.01	0.04	40	13	0.16	140	0.01	<20	0.63	0.01	0.07	<2	0.13	<1	<5	<5	<5
1566101	Soil	596250	7076499	1-Sep-15	WHI15000219	JT	DAMP	45	light brown	soil	mod	soil	4.3	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1566102	Soil	596251	7076598	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	4.6	1	26	16	50	<0.3	21	8	276	2.48	33	5	22	<0.5	<3	<3	43	0.27	0.03	20	31	0.66	528	0.03	<20	1.35	<0.01	0.05	<2	<0.05	<1	<5	6	5
1566103	Soil	596225	7076595	9/1/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	5.5	1	21	10	50	0.3	19	9	277	2.45	28	5	14	<0.5	<3	<3	40	0.16	0.02	15	30	0.65	416	0.03	<20	1.26	<0.01	0.04	<2	<0.05	<1	<5	6	<5
1566104	Soil	596201	7076601	9/1/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	3.4	1	31	12	72	<0.3	25	12	515	3.08	24	5	20	<0.5	<3	<3	53	0.27	0.05	16	41	1.04	412	0.05	<20	1.42	<0.01	0.04	<2	<0.05	<1	<5	9	7
1566105	Soil	596175	7076601	9/1/2015	WHI15000219	JT	DAMP	25	light brown	soil	Mod	soil	4.6	2	29	18	70	0.5	29	9	409	2.69	68	4	24	<0.5	<3	<3	37	0.27	0.05	20	36	1	573	0.01	<20	1.52	<0.01	0.05	<2	<0.05	<1	<5	8	<5
1566106	Soil	596150	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Mod	soil	5.3	2	25	26	62	0.4	23	12	403	2.86	119	5	13	<0.5	<3	<3	39	0.15	0.03	16	32	0.81	362	0.02	<20	1.46	<0.01	0.05	<2	<0.05	<1	<5	7	<5
1566107	Soil	596123	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	9.1	1	21	24	55	0.3	18	6	226	2.23	93	5	11	<0.5	<3	<3	25	0.16	0.03	17	25	0.78	292	0.01	<20	1.23	<0.01	0.04	<2	<0.05	<1	<5	6	<5
1566108	Soil	596098	7076599	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	3	2	44	25	115	0.7	44	17	839	3.23	61	8	16	0.8	<3	<3	26	0.29	0.1	36	35	1.36	146	0.01	<20	1.41	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1566109	Soil	596075	7076600	9/1/2015	WHI15000219	JT	DAMP	45	light brown	soil	poor	soil	2.8	<1	18	12	43	<0.3	18	6	206	2.36	108	4	5	<0.5	4	<3	31	0.04	0.01	12	25	0.7	206	0.02	<20	1.29	<0.01	0.03	<2	<0.05	<1	<5	5	<5
1566110	Soil	596049	7076599	9/1/2015	WHI15000219	JT	DAMP	45	light brown	soil	Mod	soil	1.5	1	27	15	61	<0.3	25	9	261	2.76	346	7	7	<0.5	7	<3	30	0.08	0.03	28	25	0.67	255	0.01	<20	1.28	<0.01	0.04	<2	<0.05	<1	<5	5	<5
1566111	Soil	596024	7076601	9/1/2015	WHI15000219	JT	DAMP	55	brown	soil	poor	soil	8.7	2	37	15	80	<0.3	24	9	218	3.02	89	7	4	<0.5	4	<3	15	0.03	0.02	25	16	0.47	236	0	<20	0.87	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1566112	Soil	596000	7076602	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	6.5	2	28	33	65	<0.3	19	11	356	2.63	173	3	5	<0.5	4	<3	20	0.05	0.03	17	17	0.4	170	0.01	<20	0.9	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1566113	Soil	595975	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	3.6	2	39	12	80	<0.3	37	12	359	3.63	964	4	4	0.6	8	<3	27	0.05	0.03	11	27	0.59	168	0	<20	1.3	<0.01	0.05	<2	<0.05	<1	<5	6	<5
1566114	Soil	595949	7076600	9/1/2015	WHI15000219	JT	DAMP	45	light brown	soil	Mod	soil	10.8	2	40	14	81	<0.3	26	9	359	3.54	38	7	24	<0.5	4	<3	27	0.02	0.03	14	27	1.31	186	0.01	<20	1.52	<0.01	0.08	<2	0.09	<1	<5	7	<5
1566115	Soil	595923	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Mod	soil	3.6	1	36	11	71	<0.3	24	7	297	3.03	34	6	6	<0.5	<3	<3	34	0.04	0.02	18	39	1.27	201	0.02	<20	1.65	<0.01	0.04	<2	<0.05	<1	<5	7	<5
1566116	Soil	595898	7076598	9/1/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	2.7	3	40	32	80	0.3	35	12	426	3.98	7	5	2	0.5	3	<3	25	0.04	0.02	8	29	0.91	125	0.03	<20	1.46	<0.01	0.03	<2	<0.05	<1	<5	7	<5
1566117	Soil	595875	7076600	9/1/2015	WHI15000219	JT	DAMP	25	light brown	soil	Good	soil	4.6	1	13	11	40	0.4	13	5	180	2.29	9	2	7	<0.5	<3	<3	40	0.06	0.02	8	20	0.39	192	0.04	<20	1.12	<0.01	0.03	<2	<0.05	<1	<5	6	<5
1566118	Soil	595848	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	3.5	1	33	8	73	<0.3	29	8	398	3.02	13	7	9	<0.5	<3	<3	31	0.12	0.04	29	33	1.31	172	0.03	<20	1.65	<0.01	0.04	<2	<0.05	<1	<5	6	<5
1566119	Soil	595824	7076600	9/1/2015	WHI15000219	JT	DAMP	35	light brown	soil	Good	soil	2.4	1	22	14	60	<0.3	22	6	308	2.62	6	5	6	<0.5	<3	<3	31	0.1	0.03	11	29	1.02	183	0.05	<20	1.5	<0.01	0.04	<2	<0.05	<1	<5	9	<5
1566120	Soil	595802	7076600	9/1/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	4.2	1	33	13	80	<0.3	32	8	439	3.26	30	6	5	<0.5	<3	<3	38	0.08	0.03	7	38	1.36	159	0.05	<20	1.87	<0.01	0.04	<2	<0.05	<1	<5	9	<5
1566145	Soil	595800	7076500	9/2/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	1.7	2	34	28	111	<0.3	28	9	317	3.24	26	5	8	<0.5	3	<3	33	0.06	0.04	15	22	0.3	175	0.02	<20	0.98	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
1566146	Soil	595825	7076502	9/2/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	7.1	3	36	30	67	0.7	16	6	271	4.78	23	8	29	<0.5	3	3	27	0.05	0.05	26	23	0.92	146	0.01	<20	1.4	0.01	0.06	<2	0.11	<1	<5	6	<5
1566147	Soil	595851	7076500	9/2/2015	WHI15000219	JT	DAMP	40	light brown	soil	Good	soil	4.5	2	37	34	85	<0.3	31	9	287	3.1	28	7	7	<0.5	<3	<3	35	0.05	0.02	28	29	0.83	260	0.02	<20	1.63	<0.01	0.03	<2	<0.05	<1	<5	7	<5
1566148	Soil	596075	7076275	9/2/2015	WHI15000103	JT	DAMP	35	light brown	soil	Good	soil	31.6	2	48	53	254	1.1	35	22	2178	2.69	61	9	14	2.1	4	<3	8	0.28	0.07	9	14	1.04	80	0	<20	0.79	<0.01	0.04	<2	0.24	<1	<5	<5	<5
1566317	Soil	605286	7073803	7/16/2015	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	19	<1	64	49	123	0.3	11	32	1365	4.68	11	<2	8	0.7	<3	<3	56	0.05	0.05	13	9	2.01	156	0.01	<20	2.49	<0.01	0.02	<2	<0.05	<1	<5	8	7
1566321	Soil	604923	7073989	16-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	15.4	<1	15	26	165	0.4	6	5	382	2.47	14	4	5	0.6	<3	3	23	0.1	0.06	5	10	0.47	74	0.03	<20	1.08	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566322	Soil	604830	7074035	16-Jul-15	WHI15000103	JT	DAMP	30	light brown	soil	Mod	soil	9.3	<1	60	67	129	0.7	15	26	1668	4.99	4	3	9	1.3	<3	3	91	0.33	0.1	16	15	2.17	127	0.01	<20	2.83	<0.01	0.01	<2	<0.05	<1	<5	9	13
1566355	Soil	602948	7075249	18-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	36.4	<1	38	7	68	0.6	36	9	333	3.05	70	<2	16	<0.5	<3	<3	40	0.24	0.09	5	30	0.65	221	0.04	<20	1.26	<0.01	0.06	<2	<0.05	<1	<5	<5	<5
1566392	Soil	602869	7074852	18-Jul-15	WHI15000103	JT	DAMP	45	light brown	soil	Mod	soil	8.3	<1	14	24	51	<0.3	12	5	307	2.24	84	13	12	<0.5	<3	<3	15	0.16	0.04	31	10	0.45	278	0.04	<20	1.12	<0.01	0.31	<2	<0.05	<1	<5	<5	6
1566398	Soil	602798	7075245	18-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	8.1	<1	34	13	71	0.3	31	11	331	2.96	102	3	15	<0.5	<3	<3	49	0.19	0.03	13	38	0.76	321	0.04	<20	1.62	<0.01	0.04	<2	<0.05	<1	<5	6	5
1566462	Soil	598336	7075066	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	1.4	<1	57	13	123	0.5	69	19	568	3.34	146	4	7	<0.5	<3	<3	30	0.1	0.05	7	56	1.26	157	0.01	<20	1.72	<0.01	0.05	<2	<0.05	<1	<5	6	<5
1566468	Soil	597180	7075065	15-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	5.8	<1	63	26	80	0.8	23	15	719	4.56	63	4	9	<0.5	<3	<3	68	0.13	0.01	38	23	1.35	423	0.02	<20	2.8	<0.01	0.05	<2	<0.05	<1	<5	8	11
1566471	Soil	596555	7075321	15-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	2	3	14	16	71	<0.3	9	3	149	3.54	80	2	7	<0.5	<3	<3	25	0.05	0.06	6	16	0.28	128	0.01	<20	0.92	<0.01	0.03	<2	<0.05	<1	<5	<5	<5
1566472	Soil	596291	7075472	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	2.4	2	63	83	216	0.3	30	10	802	3.64	130	8	17	0.7	<3	<3	36	0.15	0.05	37	27	0.17	645	0.02	<20	0.68	<0.01	0.06	<2	<0.05	<1	<5	<5	8
1566496	Soil	596478	7075393	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	17.1	<1	49	153	254	0.5	29	9	382	2.95	82	3	8	<0.5	<3	<3	33	0.13	0.04	9	29	0.8	298	0.01	<20	1.77	<0.01	0.05	<2	<0.05	<1	<5	6	<5
1566497	Soil	596390	7075452	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	3.9	<1	82	239	229	0.8	26	12	737	4.09	21	10	11	<0.5	<3	<3	48	0.17	0.04	23	32	1.19	320	0.03	<20	2.52	<0.01	0.06	<2	<0.05	<1	<5	8	6
1566955	Soil	598384	7077603	12-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	0.6	<1	39	18	79	<0.3	35	11	320	3.68	110	6	5	<0.5	<3	4	46	0.05	0.02	19	43	1.06	154	0.02	<20	2.2	<0.01	0.02	<2	<0.05	<1	<5	7	5
1566961	Soil	597815	7077710	12-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	3.1	1	43	21	89	1.1	35	19	633	4.11	102	7	14	<0.5	<3	<3	55	0.29	0.07	18	49	2.04	248	0.02	<20	2.34	<0.01	0.05	<2	<0.05	<1	<5	8	10
1567252	Soil	603155	7075267	16-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	5.3	<1	40	10	69	0.6	42	13	498	2.88	125	<2	10	<0.5	<3	<3	33	0.2	0.08	4	26	0.5	223	0.03	<20	1.32	<0.01	0.05	<2	<0.05	<1	<5	<5	<5
1567257	Soil	602693	7075202	16-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	6.3	<1	32	<3	62	<0.3	31	7	280	2.45	66	3	12	<0.5	<3	<3	40	0.23	0.04	11	31	0.7	201	0.05	<20	1.3	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1567258	Soil	602676	7075249	16-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	6.9	<1	30	13	61	0.3	29	11	344	2.45	53	3	14	<0.5	<3	<3	42	0.24	0.04	11	29	0.67	209	0.06	<20	1.42	<0.01	0.04	<2	<0.05	<1	<5	<5	<5
1567270	Soil	596366	7081641	18-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	16.8	<1	54	94	276	0.8	27	25	540	2.9	19	3	14	1.4	<3	<3	36	0.29	0.08	12	53	1.22	190	0.01	<20	1.47	<0.01	0.04	<2	0.13	<1	<5	5	<5
1567271	Soil	596377	7081543	18-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	9.7	<1	88	14	191	0.7	11	17	841	4.07	19	<2	10	1.6	<3	<3	50	0.48	0.08	6	10	1.35	64	0.02	<20	2.04	<0.01	0.03	<2	<0.05	<1	<5	7	5
1567275	Soil	597350	7081600	16-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	1.7	<1	25	11	65	0.5	25	10	326	3.36	176	3	9	<0.5	<3	<3	67	0.09	0.02	13	33	1.31	173	0.07	<20	2.33	<0.01	0.03	<2	<0.05	<1	<5	9	6
1567276	Soil	597352	7081574	16-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	2.4	1	31	16	69	0.3	30	11	374	3.3	444	6	8	<0.5	<3	<3	55	0.09	0.03	14	30	1.34	154	0.04	<20	2.33	<0.01	0.04	<2	<0.05	<1	<5	8	<5
1567277	Soil	597350	7081550	16-Jul-15	WHI15000103	JT	DAMP	40	brown	soil	Mod	soil	3.2	1	36	26	65	<0.3	30	13	385	3.22	186	9	10	<0.5	<3	<3	54	0.1	0.02	26	29	1.12	336	0.08	<20	2.23	<0.01	0.04	<2	<0.05	<1	<5	6	6
1567365	Soil	596150	7075653	15-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	5.5	<1	53	32	457	0.4	28	17	577	3.65	15	3	8	0.9	<3	<3	45	0.1	0.02	9	28	0.95	232	0.03	<20	1.94	<0.01	0.04	<2	<0.05	<1	<5	5	<5
1567369	Soil	595959	7076232	15-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	Mod	soil	2.7	1	69	160	239	1	35	10	1084	3.57	114	8	37	0.8	<3	<3	17	0.2	0.11	12	18	1.28	122	0.05	<20	1.13	<0.01	0.13	<2	0.13	<1	<5	<5	<5
1567370	Soil	595882	7076519	15-Jul-15	WHI15000103	JT	DAMP	45	light brown	soil	poor	soil	9.3	2	41	33	107	0.6	40	12	330	3.76	20	8	9	<0.5	<3	<3	50	0.06	0.02	36	38	0.72	381	0.03	<20	1.99	<0.01	0.03	<2	<0.05	<1	<5	8	6
1567371	Soil	595782	7076801	15-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	Mod	soil	2.4	2	25	20	75	0.5	28	7	308	2.6	135	<2	11	<0.5	<3	<3	38	0.15	0.06	13	30	0.45	211	0.01	<20	1.14	<0.01	0.05	<2	<0.05	<1	<5	5	<5
1567375	Soil	595920	7076322	15-Jul-15	WHI15000219	JT	DAMP	40	light brown	soil	mod	soil	28.6	1	17	16	49	0.7	16	8	298	2.73	12	4	8	<0.5	<3	<3	47	0.06	0.02	11	31	0.62	335	0.04	<20	1.76	<0.01	0.03	<2	<0.05	<1	<5	9	<5
1567376	Soil	595873	7076416	15-Jul-15	WHI15000219	JT	DAMP	35	light brown	soil	mod	soil	10.3	4	72	21	137	2.9	42	13	248	5.19	31	12	6	<0.5	4	<3	20	0.01	0.06	27	31	0.49	115	0	<20	1.31	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1567377	Soil	595861	7076611	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	poor	soil	4.4	2	32	12	113	0.4	32	7	380	3.11	7	7	6	<0.5	<3	<3	29	0.08	0.04	34	35	1.3	171	0.02	<20	1.61	<0.01	0.04	<2	<0.05	<1	<5	6	<5
1567380	Soil	595738	7077001	15-Jul-15	WHI15000103	JT	DAMP	35	brown	soil	Mod	soil	2.6	<1	26	67	62	<0.3	23	10	386	2.67	79	5	30	<0.5	<3	<3	41	0.45	0.07	20	28	0.87	369	0.03	<20	1.52	<0.01	0.05	<2	<0.05	<1	<5	5	<5
1567381	Soil	597403	7081675	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	26.5	2	33	18	73	<0.3	22	11	353	3.42	93	6	6	<0.5	<3	<3	49	0.06	0.02	18	24	1.24	183	0.04	<20	2.18	<0.01	0.04	<2	<0.05	<1	<5	7	<5
1567383	Soil	597398	7081649	7/15/2015	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	3.7	1	24	24	58	<0.3	19	8	341	3.23	206	3	11	<0.5	<3	<3	61	0.1	0.03	13	27	0.82	225	0.05	<20	1.99	<0.01	0.04	<2	<0.05	<1	<5	7	<5
1567390	Soil	603061	7076274	16-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	<0.5	<1	5	125	104	0.4	11	4	1528	1.49	5	12	8	0.6	<3	<3	13	0.38	0.09	20	10	1.23	116	0	<20	1.18	<0.01	0.02	<2	<0.05	<1	<5	<5	<5
1567392	Soil	602996	7076092	16-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	3.3	<1	34	121	156	0.5	23	7	380	2.92	15	5	3	<0.5	<3	<3	26	0.05	0.03	6	21	0.85	145	0.01	<20	1.78	<0.01	0.02	<2	<0.05	<1	<5	5	<5
1567446	Soil	597350	7081567	15-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	<0.5	1	32	11	79	0.5	22	6	330	3.84	835	4	14	<0.5	5	<3	55	0.06	0.04	22	26	1.45	234	0.03	<20	2.31	<0.01	0.06	<2	<0.05	<1	<5	8	<5
1567484	Soil	597350	7081725	15-Jul-15	WHI15000103	JT	DAMP	40	light brown	soil	Mod	soil	30.9	<1	28	22	83	<0.3	22	10	420	3.23	91	8	10	<0.5	<3	<3	35	0.15	0.05	23	22	1.28	258	0.04	<20	1.85	<0.01	0.07	<2	<0.05	<1	<5	7	6
1567491	Soil	597400	7081698	15-Jul-15	WHI15000103	JT	DAMP	45	light brown	soil	Mod	soil	3.6	<1	32	26	87	<0.3	24	12	464	3.54	77	5	15	<0.5	<3	<3	48	0.11	0.04	18	27	1.5	257	0.03	<20	2.08	<0.01	0.06	<2	<0.05	<1	<5	8	<5
1567499	Soil	597350	7081674	15-Jul-15	WHI15000103	JT	DAMP	35	light brown	soil	Mod	soil	27.3	<1	38	8	80	<0.3	28	9	349	3.14	94	7	6	<0.5	<3	<3	42	0.07	0.03	26	28	1.47	106	0.05	<20	1.93	<0.01	0.04	<2	<0.05	<1	<5	7	<5

Appendix 7: Geophysical Survey Data

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595653	7077412	29/08/2015	10.25167	57111.73	57034.84	76.89
595653	7077409	29/08/2015	10.25389	57110.49	57034.71	75.78
595653	7077401	29/08/2015	10.25611	57111.24	57034.88	76.36
595653	7077401	29/08/2015	10.27944	57109.13	57034.15	74.98
595653	7077401	29/08/2015	10.28167	57109.88	57034.19	75.69
595653	7077401	29/08/2015	10.28389	57109.33	57034.34	74.99
595633	7077303	29/08/2015	10.38722	57109.54	57037.81	71.73
595641	7077203	29/08/2015	10.47944	57103.71	57034.08	69.63
595597	7077112	29/08/2015	10.60167	57095.86	57024.53	71.33
595555	7077020	29/08/2015	10.705	57094.74	57023.08	71.66
595490	7076943	29/08/2015	10.83833	57089.98	57024.5	65.48
595460	7076847	29/08/2015	10.97611	57089.02	57012.4	76.62
595419	7076757	29/08/2015	11.10722	57073.51	57003.4	70.11
595419	7076757	29/08/2015	11.11056	57070.59	57003.37	67.22
595363	7076671	29/08/2015	11.29167	57081.08	57003.64	77.44
595315	7076582	29/08/2015	11.36389	57085.86	57008.4	77.46
595319	7076482	29/08/2015	11.43056	57099.33	57014.4	84.93
595299	7076402	29/08/2015	11.52167	57104.78	57017.5	87.28
595312	7076401	29/08/2015	11.93389	57124.41	57038.42	85.99
595312	7076401	29/08/2015	11.93611	57127.94	57038.75	89.19
595327	7076400	29/08/2015	11.95833	57127.84	57040.26	87.58
595337	7076399	29/08/2015	11.98056	57127.44	57042.07	85.37
595352	7076402	29/08/2015	11.995	57125.73	57041.58	84.15
595363	7076401	29/08/2015	12.01944	57127.69	57043.55	84.14
595374	7076400	29/08/2015	12.035	57126.37	57043.4	82.97
595387	7076399	29/08/2015	12.04944	57123.01	57043.47	79.54
595399	7076400	29/08/2015	12.06833	57125.42	57044.22	81.2
595414	7076401	29/08/2015	12.10389	57128.95	57047	81.95
595427	7076401	29/08/2015	12.11722	57128.88	57047.69	81.19
595438	7076398	29/08/2015	12.12833	57127.62	57048.09	79.53
595450	7076401	29/08/2015	12.145	57130.42	57049.26	81.16
595463	7076399	29/08/2015	12.16056	57130.62	57049.98	80.64
595476	7076401	29/08/2015	12.19611	57130.65	57049.98	80.67
595486	7076403	29/08/2015	12.23167	57132.86	57051.48	81.38
595503	7076396	29/08/2015	12.24833	57130.52	57052.12	78.4
595513	7076402	29/08/2015	12.26278	57132.49	57052.27	80.22
595527	7076400	29/08/2015	12.28056	57134.01	57052.55	81.46
595537	7076402	29/08/2015	12.29722	57130.55	57052.29	78.26
595549	7076401	29/08/2015	12.35056	57136.15	57054.34	81.81
595565	7076397	29/08/2015	12.39722	57131.37	57053.84	77.53
595575	7076400	29/08/2015	12.42167	57126.83	57052.35	74.48
595588	7076399	29/08/2015	12.47389	57132.68	57054.04	78.64
595602	7076400	29/08/2015	12.50389	57129.05	57055.75	73.3
595612	7076400	29/08/2015	12.52611	57136.56	57058.05	78.51
595625	7076396	29/08/2015	12.56389	57128.09	57056.89	71.2
595637	7076397	29/08/2015	12.57611	57125.76	57055.94	69.82

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595650	7076399	29/08/2015	12.58722	57122.86	57055.38	67.48
595663	7076402	29/08/2015	12.60722	57118.5	57055.22	63.28
595674	7076399	29/08/2015	12.62056	57120.77	57055.92	64.85
595686	7076403	29/08/2015	12.635	57117.36	57056.31	61.05
595701	7076400	29/08/2015	12.64722	57119.39	57057.52	61.87
595713	7076397	29/08/2015	12.66056	57122.8	57057.71	65.09
595727	7076401	29/08/2015	13.27611	57127.54	57063.37	64.17
595737	7076397	29/08/2015	13.29833	57133.28	57064.33	68.95
595751	7076399	29/08/2015	13.31611	57132.01	57064.74	67.27
595763	7076402	29/08/2015	13.33833	57135.22	57065.29	69.93
595777	7076399	29/08/2015	13.35278	57143.98	57065.63	78.35
595788	7076402	29/08/2015	13.36611	57151.44	57066.15	85.29
595800	7076401	29/08/2015	13.37833	57161.31	57066.5	94.81
595813	7076399	29/08/2015	13.38944	57175.05	57066.71	108.34
595824	7076399	29/08/2015	13.405	57184.26	57066.9	117.36
595838	7076401	29/08/2015	13.42944	57188.44	57067.73	120.71
595852	7076398	29/08/2015	13.44833	57153.89	57067.24	86.65
595852	7076398	29/08/2015	13.45056	57154.41	57067.3	87.11
595862	7076399	29/08/2015	13.47611	57157.32	57067.15	90.17
595874	7076401	29/08/2015	13.49833	57157.45	57066.48	90.97
595888	7076402	29/08/2015	13.515	57163.29	57065.49	97.8
595902	7076402	29/08/2015	13.52944	57164.47	57065.04	99.43
595911	7076402	29/08/2015	13.54722	57168.65	57064.68	103.97
595925	7076400	29/08/2015	13.56278	57167.04	57064.55	102.49
595937	7076398	29/08/2015	13.57944	57168.01	57064.44	103.57
595949	7076402	29/08/2015	13.59389	57173.42	57064.46	108.96
595949	7076402	29/08/2015	13.59611	57173.62	57064.48	109.14
595962	7076400	29/08/2015	13.61167	57187.19	57064.17	123.02
595976	7076400	29/08/2015	13.63167	57202.18	57064.29	137.89
595976	7076400	29/08/2015	13.63389	57202.13	57064.23	137.9
595986	7076402	29/08/2015	13.64611	57189.91	57063.92	125.99
595986	7076402	29/08/2015	13.64833	57192.02	57063.9	128.12
596000	7076400	29/08/2015	13.66944	57162.88	57063.52	99.36
596000	7076400	29/08/2015	13.67278	57164.24	57063.52	100.72
596000	7076400	29/08/2015	13.685	57163.54	57063.37	100.17
596012	7076398	29/08/2015	13.835	57139.09	57060.06	79.03
596012	7076398	29/08/2015	13.83722	57138.99	57059.94	79.05
596012	7076398	29/08/2015	13.84944	57139.18	57059.42	79.76
596012	7076398	29/08/2015	13.85167	57139	57059.36	79.64
596012	7076398	29/08/2015	13.85389	57139	57059.27	79.73
596027	7076399	29/08/2015	13.90056	57134.19	57057.44	76.75
596038	7076402	29/08/2015	13.92056	57128.67	57057.99	70.68
596050	7076400	29/08/2015	13.93278	57128.51	57057.95	70.56
596063	7076400	29/08/2015	13.94389	57130.37	57057.75	72.62
596074	7076398	29/08/2015	13.95722	57138.56	57057.73	80.83
596087	7076402	29/08/2015	13.96833	57153.17	57057.33	95.84

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596100	7076398	29/08/2015	13.97944	57157.08	57056.7	100.38
596112	7076401	29/08/2015	13.99722	57147.75	57055.6	92.15
596125	7076403	29/08/2015	14.01167	57142.56	57054.85	87.71
596137	7076399	29/08/2015	14.03389	57144.35	57053.94	90.41
596149	7076400	29/08/2015	14.045	57139.78	57053.21	86.57
596161	7076400	29/08/2015	14.06278	57128.94	57052.96	75.98
596176	7076400	29/08/2015	14.07722	57129.04	57053	76.04
596187	7076401	29/08/2015	14.08611	57127.19	57053.22	73.97
596201	7076398	29/08/2015	14.11722	57127.59	57053.07	74.52
596211	7076403	29/08/2015	14.15278	57118.66	57053.96	64.7
596225	7076399	29/08/2015	14.17722	57116.64	57053.71	62.93
596237	7076399	29/08/2015	14.20722	57114.02	57053.67	60.35
596251	7076400	29/08/2015	14.225	57123.04	57053.6	69.44
596262	7076400	29/08/2015	14.24056	57125.94	57053.69	72.25
596273	7076400	29/08/2015	14.25944	57125.1	57053.69	71.41
596287	7076401	29/08/2015	14.28278	57123.65	57054.07	69.58
596299	7076403	29/08/2015	14.30722	57121.2	57054.07	67.13
596312	7076404	29/08/2015	14.34611	57119.87	57054.57	65.3
596324	7076401	29/08/2015	14.36833	57123.95	57054.89	69.06
596338	7076398	29/08/2015	14.40167	57125.98	57056.4	69.58
596350	7076401	29/08/2015	14.41389	57129.91	57056.21	73.7
596362	7076401	29/08/2015	14.43056	57130.66	57056.43	74.23
596375	7076400	29/08/2015	14.455	57133.1	57057.79	75.31
596386	7076400	29/08/2015	14.475	57128.52	57058.19	70.33
596398	7076401	29/08/2015	14.49944	57130.45	57059.07	71.38
596412	7076398	29/08/2015	14.53056	57134.87	57060.68	74.19
596426	7076399	29/08/2015	14.87056	57131.83	57058.07	73.76
596437	7076401	29/08/2015	14.88611	57129.55	57057.76	71.79
596450	7076400	29/08/2015	14.90389	57132.4	57057.9	74.5
596462	7076400	29/08/2015	14.92278	57128.46	57057.67	70.79
596476	7076401	29/08/2015	14.94389	57128.34	57057.59	70.75
596487	7076398	29/08/2015	14.96389	57126.79	57057.6	69.19
596502	7076400	29/08/2015	14.985	57124.39	57057.57	66.82
596512	7076400	29/08/2015	15.01833	57121.13	57057.66	63.47
596525	7076401	29/08/2015	15.04278	57125.21	57057.93	67.28
596537	7076399	29/08/2015	15.065	57125.01	57058.02	66.99
596550	7076400	29/08/2015	15.08389	57129.39	57057.51	71.88
596561	7076400	29/08/2015	15.12056	57133.1	57057.54	75.56
596575	7076400	29/08/2015	15.135	57129.93	57057.76	72.17
596587	7076400	29/08/2015	15.15278	57127.77	57058.11	69.66
596600	7076399	29/08/2015	15.175	57118.43	57058.54	59.89
596612	7076402	29/08/2015	15.19944	57122.7	57059.04	63.66
596624	7076400	29/08/2015	15.22833	57126.48	57059.64	66.84
596637	7076399	29/08/2015	15.245	57139.43	57059.77	79.66
596637	7076399	29/08/2015	15.24722	57139.61	57059.8	79.81
596649	7076399	29/08/2015	15.26722	57135.38	57059.46	75.92

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596663	7076399	29/08/2015	15.40389	57137.85	57059.49	78.36
596675	7076402	29/08/2015	15.42278	57138.72	57059.49	79.23
596687	7076401	29/08/2015	15.44722	57132.82	57060.14	72.68
596701	7076400	29/08/2015	15.45833	57138.95	57060.37	78.58
596713	7076399	29/08/2015	15.47167	57133.49	57060.56	72.93
596725	7076400	29/08/2015	15.48722	57133.71	57061.29	72.42
596737	7076399	29/08/2015	15.50722	57134.82	57061.58	73.24
596749	7076400	29/08/2015	15.52944	57140.41	57062.1	78.31
596761	7076401	29/08/2015	15.54722	57138.52	57062.66	75.86
596775	7076400	29/08/2015	15.56278	57134.61	57062.65	71.96
596787	7076400	29/08/2015	15.57833	57144.5	57063.21	81.29
596800	7076400	29/08/2015	15.60389	57125.87	57063.06	62.81
596812	7076401	29/08/2015	15.64056	57130.82	57064.37	66.45
596825	7076400	29/08/2015	15.65278	57135.1	57064.28	70.82
596837	7076400	29/08/2015	15.66833	57136.61	57064.53	72.08
596850	7076400	29/08/2015	15.68278	57138.13	57064.88	73.25
596862	7076399	29/08/2015	15.69722	57135.69	57064.73	70.96
596875	7076401	29/08/2015	15.71278	57133.65	57064.88	68.77
596887	7076401	29/08/2015	15.73611	57133	57065.02	67.98
596900	7076399	29/08/2015	15.76056	57131.7	57064.82	66.88
596912	7076399	29/08/2015	15.78056	57132.29	57064.89	67.4
596925	7076401	29/08/2015	15.80167	57129.43	57065.05	64.38
596937	7076398	29/08/2015	15.81944	57124.99	57064.64	60.35
596950	7076399	29/08/2015	15.83611	57125.44	57064.67	60.77
596962	7076399	29/08/2015	15.85278	57123.92	57064.46	59.46
596975	7076401	29/08/2015	15.865	57118.67	57064.57	54.1
596987	7076399	29/08/2015	15.88167	57160.77	57064.74	96.03
596987	7076399	29/08/2015	15.88389	57162.56	57064.76	97.8
596987	7076399	29/08/2015	15.88722	57161.58	57064.7	96.88
597001	7076401	29/08/2015	15.90611	57113.68	57064.63	49.05
597001	7076401	29/08/2015	15.90944	57113.73	57064.48	49.25
597012	7076400	29/08/2015	15.92278	57121.15	57064.33	56.82
597024	7076399	29/08/2015	15.93722	57128.96	57064.6	64.36
597036	7076400	29/08/2015	15.95833	57130.9	57064.95	65.95
597000	7076299	29/08/2015	16.43278	57137.38	57075.29	62.09
597000	7076299	29/08/2015	16.435	57137.7	57075.37	62.33
597000	7076299	29/08/2015	16.43722	57137.52	57075.41	62.11
596988	7076300	29/08/2015	16.45722	57116.81	57075.81	41
596988	7076300	29/08/2015	16.46056	57116.79	57075.94	40.85
596976	7076300	29/08/2015	16.47389	57095.66	57076.53	19.13
596976	7076300	29/08/2015	16.47722	57094.75	57076.62	18.13
596962	7076302	29/08/2015	16.49833	57072.34	57076.73	-4.39
596962	7076302	29/08/2015	16.50167	57072.85	57076.7	-3.85
596950	7076300	29/08/2015	16.51278	57087.53	57076.82	10.71
596950	7076300	29/08/2015	16.515	57087.32	57076.86	10.46
596936	7076297	29/08/2015	16.57278	57158.23	57077.16	81.07

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596936	7076297	29/08/2015	16.57611	57158.09	57077.2	80.89
596925	7076300	29/08/2015	16.59833	57142.54	57077.62	64.92
596912	7076299	29/08/2015	16.61056	57148.16	57078.03	70.13
596900	7076300	29/08/2015	16.62389	57148.61	57078.91	69.7
596887	7076298	29/08/2015	16.63722	57148.91	57079.22	69.69
596875	7076299	29/08/2015	16.64944	57150.53	57079.23	71.3
596862	7076301	29/08/2015	16.66278	57153.81	57079.3	74.51
596850	7076302	29/08/2015	16.675	57152	57079.24	72.76
596837	7076301	29/08/2015	16.695	57155.63	57079.05	76.58
596825	7076299	29/08/2015	16.71056	57159.39	57078.72	80.67
596811	7076302	29/08/2015	16.73167	57166.06	57078.38	87.68
596800	7076298	29/08/2015	16.74611	57162.33	57077.97	84.36
596788	7076298	29/08/2015	16.76722	57158.58	57077.22	81.36
596775	7076300	29/08/2015	16.785	57145.07	57076.27	68.8
596775	7076300	29/08/2015	16.78722	57144.72	57076.14	68.58
596763	7076301	29/08/2015	16.80389	57145.36	57075.19	70.17
596750	7076302	29/08/2015	16.81833	57141.34	57074.7	66.64
596737	7076300	29/08/2015	16.83056	57145.94	57074.13	71.81
596724	7076300	29/08/2015	16.84833	57139.89	57073.28	66.61
596712	7076299	29/08/2015	16.86278	57141.79	57072.63	69.16
596700	7076300	29/08/2015	16.87389	57141.9	57072.17	69.73
596687	7076300	29/08/2015	16.88944	57139.86	57071.43	68.43
596676	7076301	29/08/2015	16.90167	57134.1	57070.92	63.18
596662	7076300	29/08/2015	16.91833	57135.14	57070.31	64.83
596650	7076298	29/08/2015	16.97167	57135.94	57068.96	66.98
596638	7076301	29/08/2015	16.99833	57137.08	57068.17	68.91
596625	7076303	29/08/2015	17.02056	57127.55	57067.6	59.95
596612	7076300	29/08/2015	17.03278	57133.13	57067.22	65.91
596601	7076300	29/08/2015	17.06389	57150.62	57066.85	83.77
596601	7076300	29/08/2015	17.06611	57150.86	57066.83	84.03
596586	7076298	29/08/2015	17.09833	57165.91	57066.2	99.71
596586	7076298	29/08/2015	17.10056	57165.94	57066.19	99.75
596576	7076297	29/08/2015	17.14944	57144.94	57065.38	79.56
596576	7076297	29/08/2015	17.15167	57144.86	57065.38	79.48
596563	7076300	29/08/2015	17.19944	57138.18	57065.53	72.65
596551	7076301	29/08/2015	17.21611	57134.11	57065.11	69
596536	7076300	29/08/2015	17.23056	57123.51	57065.01	58.5
596525	7076301	29/08/2015	17.24389	57121.6	57065.16	56.44
596512	7076299	29/08/2015	17.26278	57124.72	57065.3	59.42
596500	7076301	29/08/2015	17.27389	57119.24	57065.31	53.93
596487	7076298	29/08/2015	17.28944	57120.02	57065	55.02
596476	7076300	29/08/2015	17.30611	57117.82	57064.54	53.28
596463	7076298	29/08/2015	17.34167	57122.52	57064.65	57.87
596450	7076299	29/08/2015	17.40833	57124.7	57063.88	60.82
596437	7076300	29/08/2015	17.42833	57122.05	57064.01	58.04
596425	7076299	29/08/2015	17.44167	57121.92	57063.86	58.06

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596412	7076300	29/08/2015	17.45833	57119.06	57063.69	55.37
596399	7076298	29/08/2015	17.47278	57114.47	57063.66	50.81
596387	7076298	29/08/2015	17.48944	57124.74	57063.58	61.16
596374	7076301	29/08/2015	17.50833	57139.23	57063.36	75.87
596375	7076302	29/08/2015	17.51056	57142.56	57063.33	79.23
596374	7076302	29/08/2015	17.51722	57140.26	57063.25	77.01
596362	7076297	29/08/2015	17.54167	57148.64	57063.54	85.1
595923	7076299	30/08/2015	11.35944	57128.78	57049.48	79.3
595937	7076299	30/08/2015	11.38722	57128.01	57048.6	79.41
595950	7076300	30/08/2015	11.46056	57127.58	57048.43	79.15
595963	7076301	30/08/2015	11.48167	57131.17	57048.8	82.37
595974	7076301	30/08/2015	11.50833	57133.25	57049.33	83.92
595986	7076299	30/08/2015	11.52389	57133.48	57049.3	84.18
595986	7076299	30/08/2015	11.52722	57133.76	57049.31	84.45
596000	7076301	30/08/2015	11.57944	57138.04	57048.88	89.16
596012	7076301	30/08/2015	11.60056	57134.44	57049.04	85.4
596025	7076299	30/08/2015	11.62278	57139.34	57048.9	90.44
596037	7076299	30/08/2015	11.67056	57136.77	57049.71	87.06
596050	7076298	30/08/2015	11.73389	57130.43	57049.75	80.68
596062	7076300	30/08/2015	11.75278	57132.61	57049.78	82.83
596075	7076303	30/08/2015	11.77611	57141.61	57049.79	91.82
596075	7076303	30/08/2015	11.77944	57141.54	57049.89	91.65
596088	7076299	30/08/2015	11.82944	57152.2	57049.9	102.3
596088	7076299	30/08/2015	11.83167	57152.14	57049.78	102.36
596099	7076300	30/08/2015	11.93167	57147.99	57049.57	98.42
596112	7076301	30/08/2015	11.95056	57138.4	57049.25	89.15
596125	7076301	30/08/2015	11.99611	57127.56	57049.26	78.3
596137	7076300	30/08/2015	12.02056	57126.97	57049.18	77.79
596150	7076300	30/08/2015	12.065	57121.7	57048.72	72.98
596162	7076299	30/08/2015	12.09944	57125.37	57048.61	76.76
596174	7076300	30/08/2015	12.135	57139.74	57048.5	91.24
596187	7076301	30/08/2015	12.16056	57157.46	57048.77	108.69
596200	7076300	30/08/2015	12.21944	57162.16	57048.17	113.99
596212	7076303	30/08/2015	12.25056	57162.62	57048.3	114.32
596224	7076304	30/08/2015	12.32722	57148.22	57047.04	101.18
596224	7076304	30/08/2015	12.33056	57148.67	57047.21	101.46
596237	7076304	30/08/2015	12.35278	57116.1	57047.14	68.96
596237	7076304	30/08/2015	12.35611	57116.28	57047.12	69.16
596251	7076299	30/08/2015	12.38278	57121.64	57047.38	74.26
596262	7076302	30/08/2015	12.40611	57115.14	57046.4	68.74
596275	7076299	30/08/2015	12.47278	57106.28	57046.29	59.99
596287	7076301	30/08/2015	12.50389	57100.93	57046.03	54.9
596299	7076298	30/08/2015	12.57833	57103.98	57045.74	58.24
596311	7076302	30/08/2015	12.61056	57111.51	57046.39	65.12
596324	7076301	30/08/2015	12.64056	57111.51	57045.5	66.01
596337	7076298	30/08/2015	12.67944	57117.66	57045.58	72.08

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596350	7076299	30/08/2015	12.70056	57121	57045.54	75.46
596362	7076299	30/08/2015	12.72722	57127.82	57045.27	82.55
596377	7076299	30/08/2015	12.74722	57116.71	57045.22	71.49
596376	7076209	30/08/2015	13.71722	57146.27	57044.34	101.93
596376	7076209	30/08/2015	13.72056	57145.44	57044.35	101.09
596362	7076201	30/08/2015	13.74056	57138.02	57044.32	93.7
596350	7076198	30/08/2015	13.75722	57130.64	57044.82	85.82
596336	7076200	30/08/2015	13.77389	57121.16	57044.93	76.23
596325	7076199	30/08/2015	13.78833	57116.35	57045.01	71.34
596312	7076200	30/08/2015	13.80389	57118.5	57045.17	73.33
596299	7076201	30/08/2015	13.82389	57108.78	57044.82	63.96
596286	7076199	30/08/2015	13.84056	57113.37	57044.68	68.69
596275	7076201	30/08/2015	13.855	57112.96	57044.74	68.22
596263	7076202	30/08/2015	13.86944	57111.91	57044.43	67.48
596250	7076201	30/08/2015	13.92278	57111.46	57044.01	67.45
596236	7076200	30/08/2015	13.93833	57110.12	57044.22	65.9
596226	7076200	30/08/2015	14.00833	57111.44	57044.9	66.54
596211	7076200	30/08/2015	14.02722	57110.53	57045.33	65.2
596200	7076201	30/08/2015	14.06056	57117.69	57045.29	72.4
596187	7076199	30/08/2015	14.07833	57118.44	57045.9	72.54
596175	7076199	30/08/2015	14.12611	57112.99	57046.11	66.88
596161	7076200	30/08/2015	14.14389	57116.58	57046.36	70.22
596150	7076201	30/08/2015	14.31167	57119.13	57046.41	72.72
596137	7076200	30/08/2015	14.32833	57116.38	57046.33	70.05
596125	7076198	30/08/2015	14.34167	57116.52	57046.24	70.28
596112	7076199	30/08/2015	14.355	57110.92	57046.25	64.67
596100	7076202	30/08/2015	14.455	57108.61	57047.05	61.56
596086	7076199	30/08/2015	14.46611	57105.29	57047	58.29
596074	7076199	30/08/2015	14.48389	57103.38	57046.87	56.51
596062	7076200	30/08/2015	14.51722	57107.27	57047.55	59.72
596050	7076199	30/08/2015	14.54389	57104.54	57047.33	57.21
596037	7076198	30/08/2015	14.565	57108.37	57047.36	61.01
596026	7076198	30/08/2015	15.00833	57110.39	57048.92	61.47
596012	7076200	30/08/2015	15.02056	57104.66	57049.34	55.32
596001	7076200	30/08/2015	15.03389	57101.24	57049.66	51.58
595987	7076200	30/08/2015	15.05278	57105.03	57049.61	55.42
595974	7076199	30/08/2015	15.07389	57115.06	57049.89	65.17
595962	7076199	30/08/2015	15.095	57114.26	57050.02	64.24
595949	7076200	30/08/2015	15.12611	57116.29	57050.02	66.27
595937	7076200	30/08/2015	15.14389	57114.23	57049.96	64.27
595925	7076200	30/08/2015	15.15944	57110.58	57049.81	60.77
595911	7076202	30/08/2015	15.26722	57116.02	57049.95	66.07
595900	7076199	30/08/2015	15.29722	57113.81	57050.26	63.55
595887	7076201	30/08/2015	15.30611	57113.43	57050.2	63.23
595875	7076198	30/08/2015	15.315	57115.66	57050.12	65.54
595863	7076200	30/08/2015	15.33056	57113.68	57050.01	63.67

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595888	7076203	30/08/2015	15.61056	57117.95	57054.79	63.16
595874	7076212	30/08/2015	15.665	57122.77	57055.37	67.4
595875	7076225	30/08/2015	15.67722	57123.7	57055.55	68.15
595875	7076237	30/08/2015	15.69278	57123.26	57055.89	67.37
595876	7076249	30/08/2015	15.71056	57127.02	57056.1	70.92
595876	7076262	30/08/2015	15.73278	57126.98	57056.27	70.71
595875	7076275	30/08/2015	15.755	57123.98	57056.04	67.94
595876	7076286	30/08/2015	15.77722	57129.41	57056.6	72.81
595875	7076299	30/08/2015	15.78944	57128.3	57057.87	70.43
595875	7076313	30/08/2015	15.80389	57131.36	57057.85	73.51
595875	7076324	30/08/2015	15.82056	57133.14	57056.85	76.29
595874	7076337	30/08/2015	15.84389	57140.39	57057.33	83.06
595874	7076337	30/08/2015	15.84833	57139.61	57057.39	82.22
595875	7076350	30/08/2015	15.86833	57146.86	57056.84	90.02
595873	7076362	30/08/2015	15.88722	57151.21	57057.4	93.81
595876	7076375	30/08/2015	15.90722	57147.77	57057.46	90.31
595876	7076388	30/08/2015	15.92611	57146.37	57056.33	90.04
595874	7076399	30/08/2015	15.95389	57151.2	57056.27	94.93
595876	7076414	30/08/2015	15.99722	57158.73	57055.44	103.29
595874	7076424	30/08/2015	16.01611	57160.83	57055.03	105.8
595875	7076437	30/08/2015	16.02944	57162.98	57054.47	108.51
595876	7076451	30/08/2015	16.04833	57166.87	57054.95	111.92
595875	7076462	30/08/2015	16.06611	57179.63	57055.05	124.58
595877	7076475	30/08/2015	16.08944	57183.08	57055.02	128.06
595875	7076487	30/08/2015	16.11056	57175.07	57055.47	119.6
595876	7076500	30/08/2015	16.14056	57178.69	57055.68	123.01
595675	7077325	31/08/2015	9.746111	57126.02	57054.33	71.69
595675	7077312	31/08/2015	9.763889	57116.57	57054.2	62.37
595676	7077300	31/08/2015	9.779444	57128.2	57054.02	74.18
595677	7077286	31/08/2015	9.806111	57123.61	57054.37	69.24
595675	7077274	31/08/2015	9.822778	57127.01	57054.59	72.42
595676	7077262	31/08/2015	9.838333	57133.96	57054.62	79.34
595674	7077250	31/08/2015	9.859444	57124.27	57054.64	69.63
595675	7077236	31/08/2015	9.879444	57120.73	57054.08	66.65
595675	7077225	31/08/2015	9.893889	57122.57	57053.56	69.01
595677	7077212	31/08/2015	9.912778	57120.86	57053.92	66.94
595676	7077200	31/08/2015	9.929444	57118.64	57054.1	64.54
595675	7077175	31/08/2015	9.946111	57120.9	57053.84	67.06
595675	7077161	31/08/2015	9.971667	57121.72	57053.38	68.34
595676	7077150	31/08/2015	9.987222	57115.82	57053	62.82
595687	7077148	31/08/2015	10.00833	57113.46	57053.24	60.22
595699	7077150	31/08/2015	10.02833	57124.47	57052.85	71.62
595711	7077150	31/08/2015	10.04167	57122.46	57052.71	69.75
595725	7077149	31/08/2015	10.05056	57120.58	57052.59	67.99
595737	7077149	31/08/2015	10.06278	57120.22	57052.24	67.98
595750	7077150	31/08/2015	10.075	57121.21	57051.83	69.38

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595761	7077149	31/08/2015	10.09056	57120.33	57051.57	68.76
595776	7077150	31/08/2015	10.10167	57119.98	57051.51	68.47
595787	7077150	31/08/2015	10.11944	57120.73	57051.26	69.47
595800	7077152	31/08/2015	10.13944	57119.61	57050.52	69.09
595812	7077150	31/08/2015	10.16611	57118.7	57049.48	69.22
595825	7077150	31/08/2015	10.18056	57116.96	57048.91	68.05
595838	7077151	31/08/2015	10.19167	57115.3	57048.25	67.05
595851	7077150	31/08/2015	10.20944	57116.89	57047.74	69.15
595863	7077149	31/08/2015	10.22167	57115.7	57047.55	68.15
595875	7077147	31/08/2015	10.23389	57116.25	57047.24	69.01
595875	7077137	31/08/2015	10.24389	57116.08	57046.82	69.26
595875	7077124	31/08/2015	10.26056	57111.27	57046.43	64.84
595875	7077112	31/08/2015	10.27722	57115.77	57046.6	69.17
595875	7077100	31/08/2015	10.28722	57109.75	57046.54	63.21
595876	7077086	31/08/2015	10.30056	57117.28	57046.07	71.21
595875	7077076	31/08/2015	10.315	57111.22	57045.34	65.88
595874	7077062	31/08/2015	10.33167	57113.59	57045.57	68.02
595875	7077050	31/08/2015	10.34722	57108.89	57045.85	63.04
595875	7077037	31/08/2015	10.35944	57112.54	57045.36	67.18
595873	7077025	31/08/2015	10.37389	57109.95	57045	64.95
595875	7077012	31/08/2015	10.39722	57111.39	57045.8	65.59
595875	7077000	31/08/2015	10.40833	57109.86	57045.99	63.87
595875	7076987	31/08/2015	10.42389	57111.04	57045.76	65.28
595875	7076974	31/08/2015	10.43611	57110.62	57045.58	65.04
595875	7076962	31/08/2015	10.45167	57110.64	57045.88	64.76
595874	7076950	31/08/2015	10.46389	57112.74	57046.25	66.49
595875	7076937	31/08/2015	10.48611	57113.91	57046.82	67.09
595875	7076925	31/08/2015	10.505	57115.42	57046.88	68.54
595876	7076912	31/08/2015	10.51833	57111.86	57046.94	64.92
595874	7076900	31/08/2015	10.53167	57112.29	57047.03	65.26
595876	7076887	31/08/2015	10.53944	57111.39	57047.12	64.27
595876	7076887	31/08/2015	10.555	57110.45	57046.94	63.51
595876	7076887	31/08/2015	10.58056	57110.17	57046.38	63.79
595876	7076887	31/08/2015	10.58278	57110.24	57046.44	63.8
595876	7076887	31/08/2015	10.585	57110.36	57046.48	63.88
595875	7076875	31/08/2015	10.58722	57111.1	57046.56	64.54
595875	7076875	31/08/2015	10.61833	57110.96	57046.89	64.07
595874	7076862	31/08/2015	10.63056	57110.91	57047.16	63.75
595876	7076850	31/08/2015	10.64056	57109.21	57047.5	61.71
595875	7076837	31/08/2015	10.655	57111.2	57047.38	63.82
595875	7076825	31/08/2015	10.66722	57102.73	57046.95	55.78
595876	7076813	31/08/2015	10.68167	57111.36	57046.63	64.73
595874	7076800	31/08/2015	10.69389	57108.09	57046.76	61.33
595876	7076787	31/08/2015	10.71611	57112.54	57047.04	65.5
595875	7076775	31/08/2015	10.72833	57112.98	57046.99	65.99
595874	7076762	31/08/2015	10.74722	57108.22	57046.56	61.66

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595874	7076750	31/08/2015	10.76167	57115.26	57046.31	68.95
595875	7076737	31/08/2015	10.77278	57117.6	57046.6	71
595874	7076725	31/08/2015	10.78722	57121.86	57046.49	75.37
595874	7076713	31/08/2015	10.79833	57123.7	57046.26	77.44
595876	7076700	31/08/2015	10.80833	57122.69	57045.98	76.71
595875	7076687	31/08/2015	10.82167	57123.07	57045.81	77.26
595875	7076675	31/08/2015	10.83278	57119.71	57045.76	73.95
595875	7076661	31/08/2015	10.84611	57123.3	57045.65	77.65
595874	7076650	31/08/2015	10.85389	57119.68	57045.55	74.13
595875	7076637	31/08/2015	10.86944	57117.58	57045.24	72.34
595874	7076625	31/08/2015	10.88389	57117.37	57045.3	72.07
595875	7076611	31/08/2015	10.89722	57122.29	57045.34	76.95
595875	7076600	31/08/2015	10.90722	57127.84	57045.36	82.48
595874	7076587	31/08/2015	10.92056	57141.65	57045.44	96.21
595876	7076575	31/08/2015	10.93389	57141.96	57045.43	96.53
595876	7076563	31/08/2015	10.94833	57140.26	57045.44	94.82
595874	7076551	31/08/2015	10.95944	57128.85	57045.97	82.88
595875	7076537	31/08/2015	10.97167	57143.77	57046.12	97.65
595876	7076524	31/08/2015	10.98722	57157.71	57046.4	111.31
595875	7076511	31/08/2015	10.99833	57167.51	57046.3	121.21
595875	7076501	31/08/2015	11.01611	57169.95	57046.55	123.4
595888	7076501	31/08/2015	12.35056	57179.63	57030.96	148.67
595900	7076500	31/08/2015	12.40389	57175.43	57030.81	144.62
595912	7076500	31/08/2015	12.425	57173.35	57030.57	142.78
595925	7076500	31/08/2015	12.45167	57171.85	57030.93	140.92
595937	7076500	31/08/2015	12.48389	57167.29	57030.7	136.59
595949	7076501	31/08/2015	12.49722	57182.76	57030.41	152.35
595962	7076501	31/08/2015	12.52056	57212.78	57031.48	181.3
595974	7076499	31/08/2015	12.60389	57197.13	57031.07	166.06
595988	7076499	31/08/2015	12.62056	57195.29	57030.86	164.43
596000	7076500	31/08/2015	12.63389	57178.31	57030.94	147.37
596012	7076500	31/08/2015	12.645	57142.59	57031.3	111.29
596025	7076499	31/08/2015	12.665	57059.4	57031.6	27.8
596025	7076499	31/08/2015	12.66833	57060.27	57031.66	28.61
596037	7076501	31/08/2015	12.68167	57067.53	57031.89	35.64
596051	7076500	31/08/2015	12.70722	57105.69	57032.05	73.64
596062	7076499	31/08/2015	12.725	57120.18	57032.37	87.81
596075	7076500	31/08/2015	13.00722	57115.61	57035.36	80.25
596086	7076500	31/08/2015	13.055	57117.34	57035.82	81.52
596100	7076499	31/08/2015	13.08389	57115.87	57036.13	79.74
596111	7076496	31/08/2015	13.10833	57111.8	57036.45	75.35
596124	7076500	31/08/2015	13.13056	57109.58	57036.92	72.66
596137	7076500	31/08/2015	13.14722	57106.77	57037.06	69.71
596151	7076499	31/08/2015	13.17278	57104.65	57037.49	67.16
596162	7076499	31/08/2015	13.22278	57112.23	57038.09	74.14
596175	7076499	31/08/2015	13.26056	57109.12	57038.85	70.27

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596187	7076502	31/08/2015	13.32833	57114.37	57039.64	74.73
596200	7076501	31/08/2015	13.34833	57121.13	57039.39	81.74
596212	7076500	31/08/2015	13.36722	57126.78	57040.23	86.55
596225	7076502	31/08/2015	13.42167	57128.69	57040.38	88.31
596238	7076500	31/08/2015	13.46056	57127.11	57040.81	86.3
596250	7076500	31/08/2015	13.47944	57126.39	57040.94	85.45
596251	7076599	31/08/2015	13.85833	57125.22	57047.85	77.37
596236	7076600	31/08/2015	13.90056	57127.85	57047.8	80.05
596225	7076597	31/08/2015	13.92167	57130.92	57047.4	83.52
596213	7076600	31/08/2015	13.96944	57134.34	57047.51	86.83
596201	7076602	31/08/2015	13.98944	57127.84	57047.3	80.54
596187	7076600	31/08/2015	14.03056	57136.48	57047.62	88.86
596175	7076600	31/08/2015	14.04056	57135.96	57047.55	88.41
596162	7076601	31/08/2015	14.05278	57131.1	57047.5	83.6
596150	7076600	31/08/2015	14.06278	57125.71	57047.68	78.03
596137	7076601	31/08/2015	14.07722	57124.53	57047.96	76.57
596125	7076600	31/08/2015	14.14278	57119.28	57048.33	70.95
596112	7076600	31/08/2015	14.155	57120.96	57048.21	72.75
596100	7076602	31/08/2015	14.175	57117.82	57048.35	69.47
596087	7076600	31/08/2015	14.18722	57112.14	57048.28	63.86
596074	7076598	31/08/2015	14.24722	57122.06	57047.42	74.64
596062	7076600	31/08/2015	14.265	57147.63	57047.4	100.23
596050	7076600	31/08/2015	14.28611	57152.87	57047.65	105.22
596037	7076599	31/08/2015	14.30278	57133.45	57047.46	85.99
596025	7076600	31/08/2015	14.31833	57117.26	57047.38	69.88
596012	7076599	31/08/2015	14.33722	57102.45	57047.39	55.06
596000	7076600	31/08/2015	14.40611	57122.32	57047.04	75.28
595987	7076599	31/08/2015	14.42944	57159.21	57046.67	112.54
595975	7076600	31/08/2015	14.44389	57178.27	57046.83	131.44
595962	7076599	31/08/2015	14.455	57162.35	57047.46	114.89
595950	7076599	31/08/2015	14.46722	57144.77	57048.1	96.67
595937	7076599	31/08/2015	14.47833	57143.43	57048.39	95.04
595925	7076599	31/08/2015	14.52167	57161.3	57048.35	112.95
595912	7076600	31/08/2015	14.54167	57191.53	57048.69	142.84
595899	7076601	31/08/2015	14.565	57210.43	57048.87	161.56
595886	7076602	31/08/2015	14.63389	57157.21	57048.94	108.27
595875	7076599	31/08/2015	14.64722	57140.7	57049.05	91.65
595863	7076599	31/08/2015	14.66167	57128.73	57049.27	79.46
595851	7076600	31/08/2015	14.67722	57118.53	57049.28	69.25
595837	7076599	31/08/2015	14.705	57134.18	57048.87	85.31
595825	7076601	31/08/2015	14.78611	57136.04	57048.19	87.85
595812	7076600	31/08/2015	14.79833	57127.68	57048.43	79.25
595799	7076600	31/08/2015	14.81056	57113.84	57048.76	65.08
595787	7076600	31/08/2015	14.82056	57109.56	57048.96	60.6
595774	7076600	31/08/2015	14.915	57116.53	57049.58	66.95
595762	7076600	31/08/2015	14.93278	57118.91	57049.85	69.06

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595750	7076600	31/08/2015	14.94944	57134.05	57049.76	84.29
595737	7076600	31/08/2015	14.98944	57138.16	57050.04	88.12
595725	7076598	31/08/2015	15.015	57128.13	57050.5	77.63
595712	7076600	31/08/2015	15.04167	57129.18	57050.65	78.53
595700	7076600	31/08/2015	15.07722	57128.25	57051.1	77.15
595688	7076598	31/08/2015	15.09833	57128.39	57051.5	76.89
595676	7076599	31/08/2015	15.16833	57129.36	57052.31	77.05
595663	7076599	31/08/2015	15.19389	57127.78	57051.91	75.87
595650	7076600	31/08/2015	15.225	57145.68	57052.48	93.2
595637	7076599	31/08/2015	15.255	57146.61	57052.88	93.73
595625	7076602	31/08/2015	15.27278	57130.04	57052.78	77.26
595612	7076599	31/08/2015	15.29278	57124.7	57053.11	71.59
595600	7076600	31/08/2015	15.30611	57131.98	57053.35	78.63
595587	7076600	31/08/2015	15.34389	57134.15	57052.84	81.31
595575	7076600	31/08/2015	15.36833	57131.64	57053.28	78.36
595562	7076600	31/08/2015	15.38944	57132.86	57053.42	79.44
595549	7076600	31/08/2015	15.41833	57133.86	57053.43	80.43
595538	7076599	31/08/2015	15.43611	57136.64	57053.59	83.05
595525	7076600	31/08/2015	15.50722	57133.01	57052.89	80.12
595511	7076599	31/08/2015	15.52278	57132.09	57053	79.09
595500	7076600	31/08/2015	15.54611	57133.02	57053.22	79.8
595499	7076499	31/08/2015	15.80944	57140.04	57054.28	85.76
595513	7076497	31/08/2015	15.85167	57140.94	57054.86	86.08
595526	7076499	31/08/2015	15.87056	57138.42	57054.98	83.44
595538	7076498	31/08/2015	15.88833	57140.5	57054.83	85.67
595549	7076504	31/08/2015	15.91167	57139.78	57054.51	85.27
595561	7076500	31/08/2015	15.95389	57138.85	57055.51	83.34
595575	7076499	31/08/2015	15.99278	57140.68	57055.08	85.6
595587	7076502	31/08/2015	16.01278	57137.73	57054.78	82.95
595599	7076500	31/08/2015	16.035	57134.83	57054.59	80.24
595614	7076498	31/08/2015	16.05944	57136.01	57053.59	82.42
595625	7076499	31/08/2015	16.08944	57137.14	57053.16	83.98
595636	7076499	31/08/2015	16.11611	57135.92	57053.82	82.1
595651	7076499	31/08/2015	16.13278	57131.14	57053.51	77.63
595665	7076501	31/08/2015	16.14611	57132.05	57053.56	78.49
595675	7076503	31/08/2015	16.16389	57128.96	57053.59	75.37
595687	7076500	31/08/2015	16.18611	57131.3	57054.26	77.04
595700	7076500	31/08/2015	16.27278	57128.16	57054.27	73.89
595713	7076499	31/08/2015	16.285	57125.51	57054.21	71.3
595725	7076501	31/08/2015	16.29833	57128.2	57054.78	73.42
595737	7076501	31/08/2015	16.31167	57126.92	57055.07	71.85
595745	7076500	31/08/2015	16.32833	57136.2	57056.08	80.12
595751	7076499	31/08/2015	16.34056	57133.54	57056.56	76.98
595763	7076499	31/08/2015	16.35389	57128.52	57056.73	71.79
595775	7076501	31/08/2015	16.36389	57132.59	57057.31	75.28
595787	7076501	31/08/2015	16.37722	57140.26	57057.77	82.49

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
595800	7076499	31/08/2015	16.45833	57153.46	57059.28	94.18
595812	7076499	31/08/2015	16.47278	57167.51	57059.21	108.3
595825	7076500	31/08/2015	16.485	57171.95	57059.59	112.36
595837	7076500	31/08/2015	16.50056	57179.15	57060.02	119.13
595850	7076499	31/08/2015	16.51389	57177.6	57059.27	118.33
595861	7076500	31/08/2015	16.55389	57191.78	57059.74	132.04
595887	7077148	01/09/2015	10.95722	57156.82	57061.26	95.56
595900	7077150	01/09/2015	10.97167	57154.81	57060.89	93.92
595912	7077148	01/09/2015	10.98389	57155.03	57060.53	94.5
595925	7077149	01/09/2015	10.99722	57152.99	57060.3	92.69
595937	7077147	01/09/2015	11.01056	57147.33	57060.08	87.25
595950	7077136	01/09/2015	11.02389	57157.88	57059.87	98.01
595976	7077119	01/09/2015	11.05056	57158.94	57059.69	99.25
595999	7077113	01/09/2015	11.06833	57157.77	57059.7	98.07
596025	7077101	01/09/2015	11.09833	57155.93	57059.5	96.43
596050	7077094	01/09/2015	11.11944	57154.09	57059.09	95
596076	7077084	01/09/2015	11.16611	57154.29	57059.09	95.2
596074	7077067	01/09/2015	11.19278	57156.84	57058.67	98.17
596075	7077049	01/09/2015	11.21389	57153.87	57058.46	95.41
596075	7077025	01/09/2015	11.23722	57153.41	57058.47	94.94
596076	7077000	01/09/2015	11.285	57153.72	57056.99	96.73
596074	7076975	01/09/2015	11.30611	57151.13	57056.18	94.95
596074	7076950	01/09/2015	11.33167	57151.82	57055.26	96.56
596073	7076924	01/09/2015	11.36833	57148.14	57054.65	93.49
596075	7076900	01/09/2015	11.38611	57151.32	57054.5	96.82
596075	7076875	01/09/2015	11.41056	57148.78	57054.42	94.36
596074	7076850	01/09/2015	11.44389	57144.99	57053.73	91.26
596075	7076825	01/09/2015	11.47278	57145.76	57053.57	92.19
596075	7076800	01/09/2015	11.495	57146.95	57053.39	93.56
596074	7076774	01/09/2015	11.51167	57145.42	57053.45	91.97
596075	7076750	01/09/2015	11.53944	57149.65	57053.54	96.11
596074	7076725	01/09/2015	11.55833	57158.21	57053.54	104.67
596075	7076701	01/09/2015	11.58944	57159.87	57053.63	106.24
596075	7076674	01/09/2015	11.61389	57162.67	57053.35	109.32
596075	7076650	01/09/2015	11.63611	57149.66	57053.22	96.44
596074	7076625	01/09/2015	11.66056	57143.83	57053.39	90.44
596076	7076603	01/09/2015	11.69056	57134.41	57053.59	80.82
596076	7076587	01/09/2015	11.70722	57158.87	57053.92	104.95
596075	7076575	01/09/2015	11.72056	57173.37	57054.14	119.23
596076	7076562	01/09/2015	11.73611	57155.54	57054.51	101.03
596074	7076550	01/09/2015	11.75056	57154.57	57054.83	99.74
596074	7076537	01/09/2015	11.76833	57149.65	57054.35	95.3
596073	7076525	01/09/2015	11.785	57149.32	57053.55	95.77
596076	7076513	01/09/2015	11.805	57152.94	57052.81	100.13
596074	7076500	01/09/2015	11.82722	57154.43	57053.09	101.34
596074	7076487	01/09/2015	12.35833	57158.15	57052.01	106.14

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596074	7076475	01/09/2015	12.37167	57156.07	57051.75	104.32
596074	7076462	01/09/2015	12.395	57152.49	57051.71	100.78
596076	7076450	01/09/2015	12.405	57165.12	57051.67	113.45
596076	7076437	01/09/2015	12.41833	57161.16	57051.81	109.35
596075	7076425	01/09/2015	12.44056	57162.37	57051.81	110.56
596074	7076412	01/09/2015	12.45833	57152.15	57052.13	100.02
596075	7076400	01/09/2015	12.46833	57160.39	57052.13	108.26
596075	7076387	01/09/2015	12.48167	57155.04	57052	103.04
596075	7076375	01/09/2015	12.49389	57155.86	57052.02	103.84
596075	7076362	01/09/2015	12.505	57147.65	57051.98	95.67
596074	7076350	01/09/2015	12.51722	57139.41	57051.78	87.63
596075	7076337	01/09/2015	12.55278	57147.24	57051.84	95.4
596074	7076325	01/09/2015	12.63167	57161.6	57050.07	111.53
596075	7076311	01/09/2015	12.65056	57157.4	57050.15	107.25
596076	7076299	01/09/2015	12.66167	57159.05	57050.11	108.94
596075	7076287	01/09/2015	12.68056	57144.16	57049.88	94.28
596074	7076274	01/09/2015	12.69944	57147.87	57050.48	97.39
596075	7076262	01/09/2015	12.715	57146.55	57051.04	95.51
596076	7076250	01/09/2015	12.73944	57148.2	57051.14	97.06
596074	7076237	01/09/2015	12.75056	57141.47	57050.85	90.62
596077	7076225	01/09/2015	12.76056	57141.2	57050.68	90.52
596074	7076212	01/09/2015	12.77722	57138.78	57050.37	88.41
596075	7076200	01/09/2015	12.79611	57135.7	57050.25	85.45
596073	7076187	01/09/2015	12.82389	57131.15	57049.39	81.76
596075	7076176	01/09/2015	12.83944	57123.99	57049.34	74.65
596073	7076162	01/09/2015	12.86722	57122.9	57049.04	73.86
596074	7076150	01/09/2015	12.88389	57129.93	57048.62	81.31
596074	7076137	01/09/2015	12.905	57129.73	57048.27	81.46
596074	7076125	01/09/2015	12.91944	57126.69	57048.63	78.06
596075	7076112	01/09/2015	12.93833	57126.05	57049.47	76.58
596076	7076100	01/09/2015	12.955	57136.68	57049.62	87.06
596075	7076086	01/09/2015	12.96944	57142.8	57049.77	93.03
596074	7076075	01/09/2015	12.98056	57145.14	57049.76	95.38
596076	7076062	01/09/2015	12.99833	57144.76	57048.71	96.05
596076	7076050	01/09/2015	13.00944	57151.71	57047.98	103.73
596076	7076037	01/09/2015	13.025	57159.68	57047.57	112.11
596075	7076024	01/09/2015	13.04056	57159.34	57047.55	111.79
596074	7076013	01/09/2015	13.05167	57156.39	57047.28	109.11
596075	7076000	01/09/2015	13.06167	57158.19	57047.03	111.16
596074	7075987	01/09/2015	13.07722	57161.03	57046.83	114.2
596074	7075987	01/09/2015	13.07944	57161.71	57046.75	114.96
596075	7075974	01/09/2015	13.09167	57163.07	57046.61	116.46
596073	7075961	01/09/2015	13.10722	57163.36	57046.34	117.02
596075	7075950	01/09/2015	13.11833	57161.63	57046.39	115.24
596075	7075937	01/09/2015	13.14278	57159.01	57046.44	112.57
596076	7075925	01/09/2015	13.16611	57147.59	57046.5	101.09

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596075	7075912	01/09/2015	13.18056	57140.09	57046.42	93.67
596075	7075900	01/09/2015	13.19389	57140.84	57046.41	94.43
596074	7075887	01/09/2015	13.20722	57163.82	57046.34	117.48
596075	7075875	01/09/2015	13.22389	57189.22	57046.2	143.02
596075	7075875	01/09/2015	13.22611	57188.62	57046.14	142.48
596074	7075862	01/09/2015	13.24167	57158.08	57046.09	111.99
596074	7075850	01/09/2015	13.255	57140.85	57046.12	94.73
596075	7075837	01/09/2015	13.26833	57126.43	57045.91	80.52
596074	7075825	01/09/2015	13.28167	57117.54	57046.27	71.27
596075	7075811	01/09/2015	13.29611	57105.91	57046.41	59.5
596075	7075800	01/09/2015	13.31278	57103.92	57046.47	57.45
596075	7075787	01/09/2015	13.32278	57125.38	57046.62	78.76
596075	7075775	01/09/2015	13.33278	57122.74	57046.54	76.2
596075	7075762	01/09/2015	13.35278	57107.93	57046.22	61.71
596073	7075750	01/09/2015	13.36833	57111.46	57046.24	65.22
596074	7075736	01/09/2015	13.38722	57111.13	57045.99	65.14
596075	7075725	01/09/2015	13.39833	57117.08	57045.87	71.21
596075	7075712	01/09/2015	13.42056	57125.84	57046.68	79.16
596074	7075700	01/09/2015	13.43278	57141.55	57046.22	95.33
596075	7075687	01/09/2015	13.45389	57148.65	57045.81	102.84
596075	7075675	01/09/2015	13.465	57146.18	57045.96	100.22
596074	7075662	01/09/2015	13.48167	57153.29	57046.4	106.89
596074	7075651	01/09/2015	13.49056	57160.67	57046.47	114.2
596075	7075637	01/09/2015	13.52056	57176.45	57046.62	129.83
596073	7075625	01/09/2015	13.53722	57175.78	57045.5	130.28
596074	7075612	01/09/2015	13.56944	57185.3	57045.45	139.85
596074	7075599	01/09/2015	13.58722	57194.47	57046.15	148.32
596075	7075587	01/09/2015	13.59944	57213.31	57046.56	166.75
596075	7075575	01/09/2015	13.60833	57212.62	57046.73	165.89
596075	7075562	01/09/2015	13.61722	57202.88	57046.97	155.91
596075	7075549	01/09/2015	13.625	57220.12	57047.07	173.05
596075	7075537	01/09/2015	13.635	57231.18	57047.32	183.86
596074	7075525	01/09/2015	13.64611	57208.48	57047.55	160.93
596075	7075512	01/09/2015	13.65944	57191.25	57047.7	143.55
596075	7075501	01/09/2015	13.67611	57187.16	57047.72	139.44
596087	7075502	01/09/2015	15.83167	57170.57	57047.95	122.62
596100	7075499	01/09/2015	15.84722	57160.92	57048.57	112.35
596112	7075500	01/09/2015	15.85611	57162.3	57048.43	113.87
596125	7075500	01/09/2015	15.86722	57168.49	57048.77	119.72
596138	7075500	01/09/2015	15.88167	57175.63	57049.5	126.13
596150	7075500	01/09/2015	15.89389	57181.81	57049.58	132.23
596162	7075500	01/09/2015	15.905	57195.67	57050.14	145.53
596176	7075500	01/09/2015	15.92167	57201.1	57050.05	151.05
596188	7075499	01/09/2015	15.93278	57208.19	57050.44	157.75
596200	7075498	01/09/2015	15.94611	57208.24	57050.81	157.43
596212	7075499	01/09/2015	15.95833	57204.05	57051.13	152.92

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596225	7075498	01/09/2015	15.96833	57203.68	57052.02	151.66
596237	7075500	01/09/2015	15.97833	57188.25	57052.37	135.88
596250	7075500	01/09/2015	15.98944	57192.33	57052.41	139.92
596262	7075500	01/09/2015	15.99944	57183.18	57053.05	130.13
596275	7075500	01/09/2015	16.00833	57168.63	57053.06	115.57
596286	7075501	01/09/2015	16.01944	57157.03	57052.98	104.05
596300	7075499	01/09/2015	16.03056	57157.25	57053.68	103.57
596312	7075500	01/09/2015	16.04278	57164.03	57054.07	109.96
596325	7075498	01/09/2015	16.05389	57167.66	57054.1	113.56
596337	7075499	01/09/2015	16.06611	57151.76	57054.75	97.01
596350	7075500	01/09/2015	16.07833	57160.53	57054.43	106.1
596365	7075497	01/09/2015	16.10833	57159.96	57054.59	105.37
596375	7075500	01/09/2015	16.12278	57167.48	57054.65	112.83
596387	7075498	01/09/2015	16.13722	57156.27	57054.72	101.55
596400	7075500	01/09/2015	16.145	57166.94	57054.45	112.49
596412	7075500	01/09/2015	16.16278	57166.16	57054.96	111.2
596425	7075497	01/09/2015	16.17389	57142.09	57054.41	87.68
596437	7075498	01/09/2015	16.185	57152.54	57054.81	97.73
596450	7075498	01/09/2015	16.19611	57150.42	57055.25	95.17
596464	7075498	01/09/2015	16.20944	57129.55	57055.01	74.54
596475	7075500	01/09/2015	16.22167	57137.38	57055.4	81.98
596487	7075501	01/09/2015	16.23056	57132.8	57055.14	77.66
596501	7075498	01/09/2015	16.24389	57129.99	57054.78	75.21
596512	7075498	01/09/2015	16.26056	57105.97	57054.65	51.32
596525	7075500	01/09/2015	16.27722	57111.63	57054.22	57.41
596501	7077752	02/09/2015	11.135	57132.41	57027.06	105.35
596525	7077749	02/09/2015	11.15944	57133.05	57027.02	106.03
596550	7077749	02/09/2015	11.17611	57138.67	57027.13	111.54
596575	7077749	02/09/2015	11.22611	57125.61	57026.8	98.81
596600	7077751	02/09/2015	11.28167	57129.56	57027.41	102.15
596625	7077750	02/09/2015	11.30944	57140.57	57027.21	113.36
596650	7077749	02/09/2015	11.34611	57137.04	57025.89	111.15
596675	7077749	02/09/2015	11.36611	57136.53	57026.65	109.88
596700	7077749	02/09/2015	11.395	57134.81	57028.39	106.42
596725	7077751	02/09/2015	11.41611	57139.48	57029.27	110.21
596750	7077749	02/09/2015	11.45611	57145.31	57031.48	113.83
596775	7077751	02/09/2015	11.47389	57146.26	57031.76	114.5
596800	7077750	02/09/2015	11.52278	57143.15	57033.26	109.89
596812	7077752	02/09/2015	11.545	57144.89	57033.27	111.62
596824	7077751	02/09/2015	11.555	57138.6	57033.3	105.3
596838	7077749	02/09/2015	11.57833	57136.91	57033.31	103.6
596850	7077749	02/09/2015	11.59389	57141.33	57032.99	108.34
596862	7077750	02/09/2015	11.615	57140.46	57032.6	107.86
596874	7077749	02/09/2015	11.63167	57144.59	57032.16	112.43
596887	7077748	02/09/2015	11.67611	57139.71	57031.74	107.97
596900	7077752	02/09/2015	11.71056	57140.06	57032.49	107.57

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
596912	7077752	02/09/2015	11.72833	57146.93	57032.35	114.58
596926	7077747	02/09/2015	11.74722	57142.02	57032.61	109.41
596937	7077748	02/09/2015	11.795	57140.18	57032.5	107.68
596951	7077751	02/09/2015	11.81722	57141.12	57032.48	108.64
596963	7077748	02/09/2015	11.83278	57137.54	57033.27	104.27
596975	7077750	02/09/2015	11.84833	57149.12	57034.53	114.59
596988	7077750	02/09/2015	11.85944	57140.53	57034.97	105.56
597000	7077752	02/09/2015	11.87056	57143.63	57034.97	108.66
597012	7077757	02/09/2015	11.89167	57149.69	57034.7	114.99
597025	7077752	02/09/2015	11.91611	57143.72	57034.29	109.43
597037	7077752	02/09/2015	11.92611	57147.6	57034.39	113.21
597050	7077751	02/09/2015	11.94611	57138.49	57035.32	103.17
597062	7077760	02/09/2015	11.95722	57138.84	57036.26	102.58
597075	7077776	02/09/2015	12.32389	57146.74	57043.43	103.31
597087	7077779	02/09/2015	12.33722	57152.29	57043.53	108.76
597098	7077775	02/09/2015	12.395	57149.47	57042.66	106.81
597112	7077774	02/09/2015	12.40833	57147.83	57041.76	106.07
597126	7077778	02/09/2015	12.42722	57148.87	57040.96	107.91
597137	7077776	02/09/2015	12.45611	57146.24	57039.98	106.26
597150	7077775	02/09/2015	12.47278	57153.47	57039.78	113.69
597162	7077776	02/09/2015	12.49056	57151.08	57038.88	112.2
597175	7077776	02/09/2015	12.50278	57149.58	57037.9	111.68
597187	7077774	02/09/2015	12.51278	57144.18	57037.68	106.5
597200	7077776	02/09/2015	12.535	57146.26	57037.03	109.23
597212	7077777	02/09/2015	12.55056	57147.57	57036.86	110.71
597225	7077776	02/09/2015	12.56389	57142.31	57036.99	105.32
597237	7077775	02/09/2015	12.57722	57144.97	57036.68	108.29
597245	7077777	02/09/2015	12.60056	57139.17	57035.87	103.3
597262	7077776	02/09/2015	12.61167	57136.6	57035.35	101.25
597275	7077775	02/09/2015	12.62722	57126.5	57035.18	91.32
597286	7077774	02/09/2015	12.63722	57120.28	57035.82	84.46
597298	7077774	02/09/2015	12.66722	57115.89	57036.34	79.55
597312	7077775	02/09/2015	12.69056	57107.6	57036.32	71.28
597325	7077765	02/09/2015	12.72389	57095.34	57035.22	60.12
597338	7077755	02/09/2015	12.74056	57059.14	57035.44	23.7
597350	7077746	02/09/2015	12.76056	57128.37	57036.87	91.5
597350	7077746	02/09/2015	12.76389	57128.49	57037.09	91.4
597362	7077745	02/09/2015	12.77833	57139.01	57038.2	100.81
597375	7077742	02/09/2015	12.78944	57136.21	57038.34	97.87
597387	7077751	02/09/2015	12.80167	57131.49	57037.75	93.74
597400	7077747	02/09/2015	12.82278	57142.37	57037.35	105.02
597412	7077759	02/09/2015	12.83833	57160.84	57037.73	123.11
597425	7077749	02/09/2015	12.86833	57141.34	57039.16	102.18
597437	7077752	02/09/2015	12.885	57140	57039.22	100.78
597450	7077752	02/09/2015	12.90278	57139.6	57038.52	101.08
597463	7077749	02/09/2015	12.92278	57135.09	57038.46	96.63

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
597475	7077746	02/09/2015	12.93944	57133.34	57038.53	94.81
597487	7077751	02/09/2015	12.95611	57135.85	57038.39	97.46
597500	7077750	02/09/2015	12.99278	57137.66	57037.93	99.73
597512	7077749	02/09/2015	13.00722	57135.21	57037.6	97.61
597525	7077752	02/09/2015	13.01722	57135.57	57037.31	98.26
597537	7077752	02/09/2015	13.03167	57132.04	57036.88	95.16
597550	7077750	02/09/2015	13.045	57127.89	57036.73	91.16
597564	7077748	02/09/2015	13.05944	57133.71	57037	96.71
597575	7077748	02/09/2015	13.07167	57075.34	57036.92	38.42
597575	7077748	02/09/2015	13.075	57076.64	57036.68	39.96
597586	7077749	02/09/2015	13.08611	57148.03	57036.39	111.64
597599	7077750	02/09/2015	13.10389	57140.79	57036.21	104.58
597599	7077750	02/09/2015	13.10611	57048.84	57036.22	12.62
597612	7077752	02/09/2015	13.11722	57146.16	57036.3	109.86
597612	7077752	02/09/2015	13.12056	57145.19	57036.3	108.89
597625	7077750	02/09/2015	13.13722	57148.08	57036.21	111.87
597637	7077750	02/09/2015	13.14833	57151.7	57035.79	115.91
597650	7077750	02/09/2015	13.16167	57148.98	57035.48	113.5
597663	7077751	02/09/2015	13.175	57151.29	57035.42	115.87
597674	7077749	02/09/2015	13.18611	57155.25	57035.75	119.5
597688	7077749	02/09/2015	13.20056	57146.6	57036.1	110.5
597700	7077750	02/09/2015	13.21167	57148.28	57035.85	112.43
597713	7077750	02/09/2015	13.22722	57144	57036.03	107.97
597725	7077751	02/09/2015	13.23833	57147.95	57035.51	112.44
597737	7077749	02/09/2015	13.25056	57141.95	57034.62	107.33
597750	7077751	02/09/2015	13.26722	57140.34	57034.45	105.89
597762	7077751	02/09/2015	13.27833	57141.65	57034.71	106.94
597775	7077749	02/09/2015	13.29944	57136.98	57035.83	101.15
597787	7077749	02/09/2015	13.31278	57145.85	57036.34	109.51
597800	7077750	02/09/2015	13.32167	57143.43	57036.5	106.93
597812	7077749	02/09/2015	13.33389	57154.32	57036.52	117.8
597825	7077749	02/09/2015	13.345	57150.33	57036.91	113.42
597837	7077749	02/09/2015	13.35611	57153.51	57036.99	116.52
597850	7077750	02/09/2015	13.36611	57154	57036.73	117.27
597861	7077748	02/09/2015	13.38056	57156.68	57036.87	119.81
597875	7077750	02/09/2015	13.38833	57148.58	57036.71	111.87
597886	7077750	02/09/2015	13.39833	57143.03	57036.57	106.46
597900	7077750	02/09/2015	13.40833	57152.64	57036.87	115.77
597912	7077750	02/09/2015	13.41833	57151.1	57037.38	113.72
597925	7077751	02/09/2015	13.42833	57150.53	57037.74	112.79
597937	7077749	02/09/2015	13.43722	57150.13	57037.85	112.28
597950	7077750	02/09/2015	13.44944	57142.82	57037.83	104.99
597963	7077750	02/09/2015	13.68167	57146.76	57039.55	107.21
597975	7077750	02/09/2015	13.69611	57151.75	57039.66	112.09
597987	7077752	02/09/2015	13.71056	57161.56	57040.18	121.38
598000	7077751	02/09/2015	13.72056	57149.21	57040.58	108.63

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
598013	7077750	02/09/2015	13.73167	57156.85	57040.7	116.15
598025	7077750	02/09/2015	13.73944	57151.74	57040.24	111.5
598036	7077751	02/09/2015	13.74944	57159.8	57039.57	120.23
598050	7077750	02/09/2015	13.75833	57151.95	57039.25	112.7
598062	7077749	02/09/2015	13.76944	57152.04	57039.07	112.97
598076	7077749	02/09/2015	13.77833	57156.35	57039.04	117.31
598087	7077750	02/09/2015	13.78722	57157.75	57039.15	118.6
598100	7077749	02/09/2015	13.79833	57151.43	57039.3	112.13
598111	7077749	02/09/2015	13.81056	57155.63	57040.04	115.59
598125	7077751	02/09/2015	13.82167	57157.88	57040.72	117.16
598137	7077748	02/09/2015	13.83278	57158.32	57041.43	116.89
598150	7077748	02/09/2015	13.84278	57156.8	57042	114.8
598162	7077749	02/09/2015	13.85389	57156.73	57042.29	114.44
598175	7077750	02/09/2015	13.86389	57150.64	57042.54	108.1
598187	7077750	02/09/2015	13.875	57159.21	57043.23	115.98
598200	7077748	02/09/2015	13.88389	57158.4	57043.99	114.41
598212	7077749	02/09/2015	13.89833	57157.71	57045.2	112.51
598225	7077750	02/09/2015	13.90944	57160.38	57045.84	114.54
598238	7077750	02/09/2015	13.91833	57164.8	57046.02	118.78
598250	7077749	02/09/2015	13.93167	57155.98	57045.98	110
598263	7077751	02/09/2015	13.94389	57164.78	57046.01	118.77
598276	7077750	02/09/2015	13.96056	57166.63	57045.73	120.9
598287	7077748	02/09/2015	13.97389	57167.69	57045.71	121.98
598300	7077749	02/09/2015	13.98611	57159.05	57045.29	113.76
598312	7077746	02/09/2015	14.01056	57168.63	57045.7	122.93
598326	7077749	02/09/2015	14.02278	57157.23	57045.74	111.49
598337	7077749	02/09/2015	14.03389	57157.09	57046.32	110.77
598351	7077751	02/09/2015	14.045	57162.86	57046.78	116.08
598363	7077750	02/09/2015	14.05278	57158.71	57046.6	112.11
598375	7077751	02/09/2015	14.065	57161.02	57046.3	114.72
598387	7077750	02/09/2015	14.075	57157.66	57045.63	112.03
598400	7077750	02/09/2015	14.085	57159.77	57045.65	114.12
598412	7077749	02/09/2015	14.095	57160.2	57045.33	114.87
598425	7077750	02/09/2015	14.10833	57165.46	57045.08	120.38
598437	7077751	02/09/2015	14.11944	57163.31	57044.48	118.83
598450	7077749	02/09/2015	14.13056	57150.54	57043.7	106.84
598462	7077748	02/09/2015	14.13944	57152.28	57043.14	109.14
598475	7077750	02/09/2015	14.15056	57154.43	57043.19	111.24
598488	7077752	02/09/2015	14.16056	57161.95	57043.27	118.68
598501	7077749	02/09/2015	14.17278	57155.17	57043.52	111.65
598501	7077651	02/09/2015	14.525	57155.92	57048.98	106.94
598512	7077650	02/09/2015	14.53611	57174.53	57048.57	125.96
598525	7077651	02/09/2015	14.55167	57184.8	57048.2	136.6
598537	7077648	02/09/2015	14.56278	57168.88	57048.48	120.4
598550	7077649	02/09/2015	14.58278	57159.82	57048.85	110.97
598562	7077649	02/09/2015	14.59389	57154.98	57049.47	105.51

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
598575	7077650	02/09/2015	14.60833	57163.38	57050.2	113.18
598587	7077649	02/09/2015	14.61833	57167.94	57050.87	117.07
598599	7077651	02/09/2015	14.645	57167.37	57051.51	115.86
598599	7077651	02/09/2015	14.64722	57167.16	57051.62	115.54
598599	7077651	02/09/2015	14.64944	57167.23	57051.57	115.66
598612	7077650	02/09/2015	14.665	57163.34	57051.73	111.61
598624	7077651	02/09/2015	14.68722	57158.63	57052.12	106.51
598638	7077648	02/09/2015	14.70278	57159.31	57052.23	107.08
598650	7077649	02/09/2015	14.715	57161	57052.16	108.84
598662	7077650	02/09/2015	14.72722	57169.84	57051.42	118.42
598675	7077650	02/09/2015	14.74056	57203.73	57050.71	153.02
598675	7077650	02/09/2015	14.74278	57203.96	57050.69	153.27
598687	7077649	02/09/2015	14.75278	57185.15	57050.18	134.97
598700	7077649	02/09/2015	14.76278	57168.8	57049.64	119.16
598712	7077649	02/09/2015	14.77278	57161.58	57049.61	111.97
598725	7077651	02/09/2015	14.78389	57164.12	57050.2	113.92
598737	7077647	02/09/2015	14.79167	57163.21	57050.35	112.86
598750	7077650	02/09/2015	14.82722	57166.1	57051.3	114.8
598762	7077649	02/09/2015	14.84278	57165.44	57051.62	113.82
598776	7077648	02/09/2015	14.85389	57161.53	57052.24	109.29
598787	7077648	02/09/2015	14.86278	57164.64	57052.64	112
598801	7077648	02/09/2015	14.87278	57169.54	57052.92	116.62
598812	7077648	02/09/2015	14.88389	57165.94	57053.44	112.5
598825	7077650	02/09/2015	14.895	57165.59	57053.83	111.76
598837	7077648	02/09/2015	14.905	57173.37	57054.38	118.99
598849	7077650	02/09/2015	14.91944	57176.39	57054.83	121.56
598862	7077648	02/09/2015	14.93278	57173.66	57055	118.66
598875	7077649	02/09/2015	14.94722	57166.73	57055.14	111.59
598887	7077648	02/09/2015	14.96167	57173.22	57054.61	118.61
598900	7077646	02/09/2015	14.97833	57169.05	57053.49	115.56
598912	7077649	02/09/2015	14.99389	57174.35	57052.78	121.57
598925	7077648	02/09/2015	15.00944	57170.32	57052.62	117.7
598937	7077649	02/09/2015	15.02722	57179.18	57052.62	126.56
598950	7077648	02/09/2015	15.04389	57172.79	57052.6	120.19
598962	7077649	02/09/2015	15.06167	57161.83	57052.9	108.93
598975	7077647	02/09/2015	15.07389	57168.54	57053.14	115.4
598987	7077648	02/09/2015	15.08611	57170.22	57053.41	116.81
598999	7077649	02/09/2015	15.10278	57175.53	57053.55	121.98
598999	7077551	02/09/2015	15.40278	57175.89	57056.13	119.76
598987	7077548	02/09/2015	15.41722	57174.14	57056.32	117.82
598975	7077549	02/09/2015	15.42611	57163.98	57056.2	107.78
598962	7077549	02/09/2015	15.43722	57176.59	57056.18	120.41
598950	7077549	02/09/2015	15.45278	57168.03	57055.88	112.15
598937	7077550	02/09/2015	15.465	57174.71	57055.72	118.99
598924	7077552	02/09/2015	15.47389	57175.96	57055.47	120.49
598913	7077549	02/09/2015	15.48167	57172.82	57055.35	117.47

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
598901	7077550	02/09/2015	15.49056	57164.04	57055.1	108.94
598887	7077550	02/09/2015	15.49833	57169.36	57054.86	114.5
598874	7077549	02/09/2015	15.50944	57171.67	57054.85	116.82
598862	7077547	02/09/2015	15.52278	57164.42	57054.87	109.55
598850	7077551	02/09/2015	15.53167	57168.65	57055.04	113.61
598837	7077549	02/09/2015	15.54167	57155.93	57055.41	100.52
598825	7077549	02/09/2015	15.55056	57159.67	57055.97	103.7
598812	7077550	02/09/2015	15.565	57172.85	57056.62	116.23
598801	7077550	02/09/2015	15.57389	57174.49	57056.8	117.69
598786	7077548	02/09/2015	15.58833	57183.2	57057.12	126.08
598773	7077546	02/09/2015	15.60611	57170.23	57057.16	113.07
598762	7077550	02/09/2015	15.61389	57173.41	57057.43	115.98
598750	7077552	02/09/2015	15.62278	57175.31	57057.66	117.65
598737	7077547	02/09/2015	15.64056	57161.89	57058.21	103.68
598724	7077548	02/09/2015	15.64722	57159.08	57058.36	100.72
598711	7077550	02/09/2015	15.65611	57167.19	57058.64	108.55
598700	7077548	02/09/2015	15.66389	57179.09	57058.64	120.45
598687	7077548	02/09/2015	15.67389	57189.63	57058.5	131.13
598675	7077552	02/09/2015	15.69278	57170.83	57058.53	112.3
598661	7077550	02/09/2015	15.70389	57176.63	57058.59	118.04
598650	7077549	02/09/2015	15.71389	57171.55	57058.19	113.36
598637	7077549	02/09/2015	15.725	57176.28	57058.12	118.16
598625	7077550	02/09/2015	15.73389	57182.63	57058.1	124.53
598611	7077554	02/09/2015	15.74611	57179.45	57057.92	121.53
598599	7077549	02/09/2015	15.755	57169.1	57058.01	111.09
598586	7077548	02/09/2015	15.76389	57172.1	57058.05	114.05
598575	7077548	02/09/2015	15.77278	57167.86	57058.15	109.71
598561	7077551	02/09/2015	15.78389	57173.03	57058.4	114.63
598550	7077550	02/09/2015	15.79833	57175.06	57058.91	116.15
598525	7077547	02/09/2015	15.81722	57170.16	57059.33	110.83
598512	7077551	02/09/2015	15.82833	57170.92	57059.84	111.08
598500	7077551	02/09/2015	15.83722	57172.32	57060.22	112.1
598502	7077651	02/09/2015	16.06833	57176.97	57063.67	113.3
598487	7077649	02/09/2015	16.07944	57170.86	57064.23	106.63
598475	7077648	02/09/2015	16.08833	57177.89	57064.64	113.25
598461	7077650	02/09/2015	16.09611	57181.26	57064.97	116.29
598449	7077650	02/09/2015	16.105	57179.91	57065.36	114.55
598437	7077649	02/09/2015	16.11389	57180.87	57065.72	115.15
598425	7077650	02/09/2015	16.12611	57187.05	57065.63	121.42
598411	7077651	02/09/2015	16.135	57192.34	57065.49	126.85
598400	7077650	02/09/2015	16.14278	57190.7	57065.51	125.19
598386	7077650	02/09/2015	16.15056	57187.88	57065.63	122.25
598375	7077651	02/09/2015	16.15944	57181.24	57065.89	115.35
598361	7077649	02/09/2015	16.16833	57179.98	57066.07	113.91
598350	7077650	02/09/2015	16.17833	57181.1	57066.34	114.76
598337	7077648	02/09/2015	16.19167	57181.94	57066.86	115.08

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
598324	7077649	02/09/2015	16.20167	57179.66	57067.08	112.58
598312	7077649	02/09/2015	16.21167	57183.08	57066.99	116.09
598299	7077652	02/09/2015	16.22056	57191.94	57066.9	125.04
598287	7077648	02/09/2015	16.23167	57181.51	57066.97	114.54
598276	7077650	02/09/2015	16.24278	57186.16	57067.34	118.82
598262	7077650	02/09/2015	16.25278	57183.84	57068.03	115.81
598250	7077649	02/09/2015	16.26389	57185.55	57068.51	117.04
598237	7077648	02/09/2015	16.27611	57184.99	57068.87	116.12
598225	7077650	02/09/2015	16.28611	57185.21	57068.97	116.24
598211	7077650	02/09/2015	16.29722	57177.9	57069.16	108.74
598200	7077650	02/09/2015	16.30833	57184.14	57069.17	114.97
598187	7077651	02/09/2015	16.32389	57183.92	57069.18	114.74
598175	7077650	02/09/2015	16.33611	57186.79	57069.44	117.35
598163	7077652	02/09/2015	16.34833	57188.61	57069.99	118.62
598150	7077649	02/09/2015	16.36833	57188.1	57071.16	116.94
598137	7077650	02/09/2015	16.38167	57189.94	57071.58	118.36
598125	7077651	02/09/2015	16.39389	57190.45	57071.66	118.79
598111	7077654	02/09/2015	16.40611	57188.64	57071.47	117.17
598100	7077651	02/09/2015	16.42167	57187.93	57071.51	116.42
598087	7077649	02/09/2015	16.44167	57182.96	57071.82	111.14
598075	7077650	02/09/2015	16.45833	57181.54	57072.89	108.65
598062	7077649	02/09/2015	16.485	57192.23	57073.3	118.93
598050	7077653	02/09/2015	16.50611	57186.62	57073.42	113.2
598037	7077648	02/09/2015	16.52833	57187.83	57073.5	114.33
598025	7077655	02/09/2015	16.57278	57183.71	57074.25	109.46
598012	7077651	02/09/2015	16.59056	57191.18	57074.68	116.5
598001	7077647	02/09/2015	16.60944	57187.36	57074.75	112.61
597987	7077648	02/09/2015	16.63167	57195.63	57074.66	120.97
601725	7076698	04/09/2015	10.67944	57128.49	57035.52	92.97
601725	7076698	04/09/2015	10.68167	57127.34	57035.42	91.92
601725	7076698	04/09/2015	10.68389	57127.22	57035.16	92.06
601701	7076700	04/09/2015	10.70056	57123.17	57033.04	90.13
601674	7076699	04/09/2015	10.72722	57140.62	57033.01	107.61
601674	7076699	04/09/2015	10.72944	57139.71	57033.16	106.55
601650	7076700	04/09/2015	10.74722	57133.8	57034.11	99.69
601624	7076700	04/09/2015	10.78722	57132.52	57033.38	99.14
601598	7076699	04/09/2015	10.80722	57133.69	57033.55	100.14
601575	7076704	04/09/2015	10.825	57138.87	57034.9	103.97
601550	7076700	04/09/2015	10.84944	57136.55	57037.91	98.64
601525	7076699	04/09/2015	10.86833	57140.31	57036.49	103.82
601500	7076699	04/09/2015	10.89056	57139.21	57036.73	102.48
601474	7076702	04/09/2015	10.90833	57143.02	57037.96	105.06
601450	7076698	04/09/2015	10.92389	57139.95	57037.13	102.82
601424	7076700	04/09/2015	10.94389	57139.66	57036.28	103.38
601401	7076701	04/09/2015	10.965	57139.06	57035.73	103.33
601375	7076696	04/09/2015	10.98389	57139.85	57035.59	104.26

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
601350	7076697	04/09/2015	10.99944	57136.33	57035.33	101
601324	7076699	04/09/2015	11.02278	57134.71	57032.72	101.99
601300	7076701	04/09/2015	11.04833	57135.67	57033	102.67
601275	7076699	04/09/2015	11.06944	57135.68	57032.91	102.77
601250	7076699	04/09/2015	11.08944	57126.88	57031.7	95.18
601225	7076701	04/09/2015	11.10833	57137.67	57031.33	106.34
601199	7076700	04/09/2015	11.12833	57136.91	57031.7	105.21
601175	7076700	04/09/2015	11.14722	57130.19	57030.08	100.11
601150	7076700	04/09/2015	11.165	57129.48	57029.3	100.18
601124	7076701	04/09/2015	11.18278	57133.91	57029.13	104.78
601100	7076702	04/09/2015	11.20278	57132.92	57031.52	101.4
601074	7076702	04/09/2015	11.225	57138.85	57030.76	108.09
601050	7076700	04/09/2015	11.245	57119.91	57030.41	89.5
601050	7076700	04/09/2015	11.24722	57119.68	57030.66	89.02
601024	7076699	04/09/2015	11.26389	57136.06	57032.98	103.08
601024	7076699	04/09/2015	11.26611	57136.88	57033.14	103.74
601000	7076699	04/09/2015	11.28611	57135.14	57034	101.14
600976	7076702	04/09/2015	11.30944	57138.14	57037.72	100.42
600950	7076699	04/09/2015	11.32833	57206.47	57038.37	168.1
600950	7076699	04/09/2015	11.33056	57205.99	57038.2	167.79
600924	7076699	04/09/2015	11.35056	57164.56	57037.34	127.22
600900	7076699	04/09/2015	11.36833	57165.18	57037.68	127.5
600875	7076698	04/09/2015	11.40278	57146.2	57038.17	108.03
600875	7076698	04/09/2015	11.405	57148.51	57038.09	110.42
600850	7076698	04/09/2015	11.425	57151.16	57038.56	112.6
600825	7076700	04/09/2015	11.44611	57148.2	57037.76	110.44
600800	7076703	04/09/2015	11.465	57145.06	57037.11	107.95
600775	7076699	04/09/2015	11.49278	57140.82	57035.81	105.01
600749	7076701	04/09/2015	11.51611	57142.53	57035.82	106.71
600725	7076700	04/09/2015	11.53167	57136	57035.01	100.99
600700	7076702	04/09/2015	11.54833	57133.32	57034.37	98.95
600675	7076700	04/09/2015	11.56611	57135.56	57034.27	101.29
600650	7076703	04/09/2015	11.58056	57135.81	57034.52	101.29
600625	7076697	04/09/2015	11.605	57123.79	57032.71	91.08
600599	7076699	04/09/2015	11.62833	57124.98	57032.06	92.92
600576	7076701	04/09/2015	11.645	57127	57031.56	95.44
600555	7076703	04/09/2015	11.66278	57126.08	57031.38	94.7
600399	7077099	04/09/2015	12.35389	57121.98	57028.65	93.33
600399	7077099	04/09/2015	12.61722	57156.64	57046.06	110.58
600399	7077099	04/09/2015	12.62056	57157.65	57047	110.65
600386	7077099	04/09/2015	12.685	57149.7	57045.21	104.49
600375	7077100	04/09/2015	12.695	57162.01	57044.98	117.03
600361	7077101	04/09/2015	12.70278	57152.75	57045.37	107.38
600350	7077101	04/09/2015	12.71056	57151.35	57045.61	105.74
600337	7077101	04/09/2015	12.71944	57144.49	57045.44	99.05
600325	7077100	04/09/2015	12.72722	57150.53	57046.22	104.31

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
600313	7077101	04/09/2015	12.73944	57145.56	57042.6	102.96
600300	7077101	04/09/2015	12.74944	57146	57042.47	103.53
600287	7077097	04/09/2015	12.76278	57149.99	57044.45	105.54
600275	7077100	04/09/2015	12.77389	57156.29	57045.71	110.58
600262	7077099	04/09/2015	12.785	57149.2	57044.09	105.11
600251	7077100	04/09/2015	12.80167	57151.23	57042.49	108.74
600235	7077099	04/09/2015	12.81389	57143.4	57041	102.4
600226	7077098	04/09/2015	12.825	57146.94	57041.32	105.62
600212	7077102	04/09/2015	12.83722	57154.05	57044.17	109.88
600200	7077100	04/09/2015	12.845	57153.15	57046.37	106.78
600187	7077101	04/09/2015	12.85833	57146.34	57051.27	95.07
600175	7077101	04/09/2015	12.87056	57154.89	57053.85	101.04
600161	7077100	04/09/2015	12.88167	57147.95	57052.59	95.36
600150	7077096	04/09/2015	12.89056	57139.97	57053.9	86.07
600137	7077098	04/09/2015	12.89833	57154.61	57055.39	99.22
600124	7077105	04/09/2015	12.90722	57157.13	57056.1	101.03
600112	7077103	04/09/2015	12.915	57167.74	57057.84	109.9
600100	7077100	04/09/2015	12.92278	57158.99	57060.92	98.07
600087	7077100	04/09/2015	12.93611	57176	57063.03	112.97
600075	7077100	04/09/2015	12.94278	57164.51	57061.61	102.9
600062	7077099	04/09/2015	12.95167	57161.45	57059.71	101.74
600050	7077098	04/09/2015	12.95833	57168.6	57060.4	108.2
600037	7077101	04/09/2015	12.96833	57174.77	57064.01	110.76
600024	7077098	04/09/2015	12.97722	57181.05	57067.05	114
600011	7077099	04/09/2015	12.98833	57183.95	57068.87	115.08
600000	7077100	04/09/2015	12.99833	57173.18	57068.06	105.12
599987	7077101	04/09/2015	13.01278	57175.18	57069.25	105.93
599975	7077103	04/09/2015	13.02056	57162.6	57071.24	91.36
599961	7077096	04/09/2015	13.03167	57172.04	57071.46	100.58
599950	7077100	04/09/2015	13.04167	57178.43	57070.6	107.83
599937	7077100	04/09/2015	13.055	57179.63	57070.81	108.82
599925	7077098	04/09/2015	13.07167	57179.8	57072.77	107.03
599912	7077101	04/09/2015	13.09278	57159.88	57071.24	88.64
599900	7077102	04/09/2015	13.105	57217.48	57072.86	144.62
599887	7077102	04/09/2015	13.11722	57245.54	57074.32	171.22
599875	7077099	04/09/2015	13.13278	57238.11	57074.09	164.02
599862	7077099	04/09/2015	13.15167	57231.8	57071.2	160.6
599851	7077099	04/09/2015	13.16278	57207.75	57071.79	135.96
599837	7077102	04/09/2015	13.17722	57147.35	57070.21	77.14
599825	7077096	04/09/2015	13.18944	57155.48	57070.96	84.52
599811	7077101	04/09/2015	13.20278	57157.74	57070.14	87.6
599800	7077105	04/09/2015	13.21611	57159.43	57068.79	90.64
599786	7077104	04/09/2015	13.22722	57158.9	57069.65	89.25
599774	7077100	04/09/2015	13.23611	57160.45	57072.61	87.84
599761	7077098	04/09/2015	13.24722	57155.06	57073.09	81.97
599750	7077098	04/09/2015	13.25722	57153.46	57070.65	82.81

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
599737	7077101	04/09/2015	13.265	57146.3	57068.94	77.36
599724	7077100	04/09/2015	13.27278	57138.12	57068.75	69.37
599710	7077102	04/09/2015	13.285	57134.61	57071.05	63.56
599700	7077101	04/09/2015	13.29278	57122.01	57071.58	50.43
599687	7077103	04/09/2015	13.30389	57110.27	57069.76	40.51
599675	7077101	04/09/2015	13.31167	57087.29	57067.98	19.31
599661	7077098	04/09/2015	13.32056	57007.05	57067	-59.95
599651	7077100	04/09/2015	13.33056	57038.14	57067.27	-29.13
599637	7077097	04/09/2015	13.34389	57099.66	57066.69	32.97
599624	7077098	04/09/2015	13.35056	57120.76	57065.88	54.88
599612	7077099	04/09/2015	13.35833	57132.39	57065.05	67.34
599598	7077100	04/09/2015	13.37389	57145.75	57063.76	81.99
599587	7077100	04/09/2015	13.38278	57147.61	57064.26	83.35
599575	7077100	04/09/2015	13.39278	57155.69	57064.77	90.92
599561	7077097	04/09/2015	13.40056	57156.05	57064.96	91.09
599550	7077101	04/09/2015	13.40833	57154.09	57064.12	89.97
599537	7077099	04/09/2015	13.41833	57161.89	57063.49	98.4
599525	7077101	04/09/2015	13.42611	57161.05	57063.37	97.68
599512	7077097	04/09/2015	13.43833	57162.69	57063.61	99.08
599498	7077104	04/09/2015	13.45278	57162.54	57062.46	100.08
599487	7077104	04/09/2015	13.46056	57163.91	57061.8	102.11
599474	7077098	04/09/2015	13.47389	57162.51	57062.95	99.56
599462	7077103	04/09/2015	13.48167	57165.93	57064.06	101.87
599451	7077103	04/09/2015	13.48944	57169.83	57064.31	105.52
599437	7077097	04/09/2015	13.50389	57168.41	57064.82	103.59
599425	7077099	04/09/2015	13.51722	57161.83	57065.67	96.16
599398	7077103	04/09/2015	13.53389	57168.9	57066.04	102.86
599387	7077103	04/09/2015	13.54278	57173.27	57066.61	106.66
599374	7077101	04/09/2015	13.55722	57169.79	57068	101.79
599361	7077102	04/09/2015	13.56833	57170.66	57068.88	101.78
599349	7077099	04/09/2015	13.57833	57174.95	57068.82	106.13
599337	7077100	04/09/2015	13.58722	57172.57	57069.04	103.53
599324	7077104	04/09/2015	13.59833	57178.99	57069.75	109.24
599312	7077099	04/09/2015	13.60833	57168.12	57070.65	97.47
599300	7077102	04/09/2015	13.61833	57178.23	57071.82	106.41
599287	7077099	04/09/2015	13.62722	57174.99	57072.13	102.86
599274	7077102	04/09/2015	13.63944	57178.24	57072.1	106.14
599261	7077098	04/09/2015	13.65056	57175.1	57071.97	103.13
599250	7077099	04/09/2015	13.65722	57169.95	57072.13	97.82
599236	7077100	04/09/2015	13.66611	57170.83	57072.63	98.2
599224	7077100	04/09/2015	13.67389	57178.47	57073.22	105.25
599211	7077098	04/09/2015	13.68167	57173	57073.18	99.82
599200	7077102	04/09/2015	13.69278	57175.09	57073.66	101.43
599200	7077125	04/09/2015	13.71833	57175.68	57075.07	100.61
599200	7077150	04/09/2015	13.73944	57175.57	57076.44	99.13
599197	7077176	04/09/2015	13.75944	57181.25	57077.72	103.53

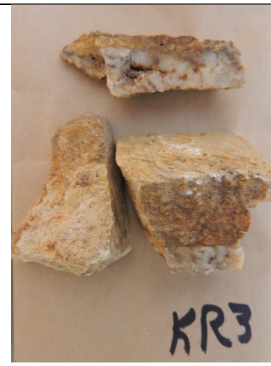
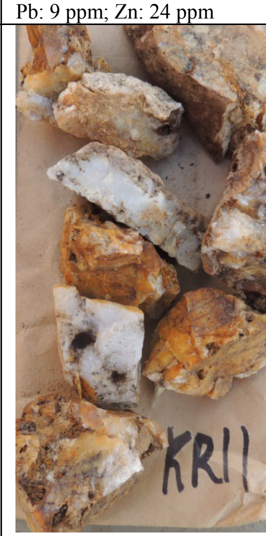
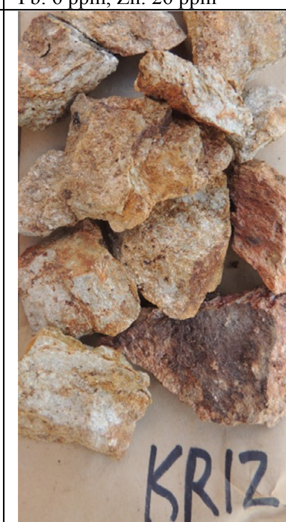
East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
599202	7077200	04/09/2015	13.78056	57185.41	57080.76	104.65
599201	7077224	04/09/2015	13.79389	57182.24	57081.84	100.4
599199	7077250	04/09/2015	13.80611	57185.82	57081.12	104.7
599201	7077276	04/09/2015	13.81944	57188.86	57081.33	107.53
599201	7077300	04/09/2015	13.83833	57183.99	57081.28	102.71
599213	7077300	04/09/2015	13.875	57186.87	57081.26	105.61
599226	7077298	04/09/2015	13.885	57191.25	57081.23	110.02
599237	7077299	04/09/2015	13.89167	57189.48	57080.91	108.57
599250	7077297	04/09/2015	13.89944	57192.75	57081.5	111.25
599262	7077297	04/09/2015	13.91056	57195.51	57081.2	114.31
599275	7077300	04/09/2015	13.925	57197.28	57082.23	115.05
599287	7077298	04/09/2015	13.935	57192.45	57081.84	110.61
599299	7077298	04/09/2015	13.94389	57192.07	57081.25	110.82
599312	7077300	04/09/2015	13.95722	57180.57	57081.07	99.5
599326	7077302	04/09/2015	13.97167	57188.21	57080.05	108.16
599337	7077298	04/09/2015	13.98167	57178.23	57079.44	98.79
599350	7077299	04/09/2015	13.995	57183.95	57078.94	105.01
599363	7077301	04/09/2015	14.005	57187.01	57079.16	107.85
599375	7077301	04/09/2015	14.01167	57181.56	57079.01	102.55
599387	7077298	04/09/2015	14.02278	57185.42	57078.91	106.51
599400	7077299	04/09/2015	14.03167	57187.62	57078.72	108.9
599412	7077298	04/09/2015	14.05722	57181.48	57077.71	103.77
599425	7077299	04/09/2015	14.07278	57179.06	57078.11	100.95
599437	7077299	04/09/2015	14.26389	57177.76	57066.66	111.1
599450	7077301	04/09/2015	14.27833	57174.79	57066.61	108.18
599462	7077297	04/09/2015	14.29611	57179	57066.16	112.84
599476	7077297	04/09/2015	14.31389	57174.3	57065.62	108.68
599487	7077298	04/09/2015	14.32611	57173.6	57065.21	108.39
599488	7077298	04/09/2015	14.33722	57173.96	57065.09	108.87
599500	7077298	04/09/2015	14.35278	57170.25	57064.89	105.36
599513	7077301	04/09/2015	14.37167	57161.25	57064.22	97.03
599525	7077300	04/09/2015	14.38278	57169.74	57064.39	105.35
599537	7077296	04/09/2015	14.39167	57166.98	57063.96	103.02
599551	7077300	04/09/2015	14.40056	57170.96	57063.1	107.86
599563	7077299	04/09/2015	14.41278	57163.2	57062.28	100.92
599575	7077299	04/09/2015	14.42278	57168.69	57062.07	106.62
599587	7077300	04/09/2015	14.43389	57163.23	57061.67	101.56
599599	7077299	04/09/2015	14.44611	57164.34	57060.23	104.11
599612	7077298	04/09/2015	14.46056	57159.83	57060.4	99.43
599625	7077300	04/09/2015	14.47167	57156.28	57061.19	95.09
599637	7077300	04/09/2015	14.48056	57152.75	57060.56	92.19
599650	7077299	04/09/2015	14.49167	57143.12	57059.98	83.14
599663	7077298	04/09/2015	14.50167	57143.85	57059.96	83.89
599675	7077302	04/09/2015	14.51278	57147	57059.75	87.25
599687	7077297	04/09/2015	14.52278	57136.61	57059.05	77.56
599700	7077300	04/09/2015	14.53611	57137.94	57058.26	79.68

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
599712	7077297	04/09/2015	14.545	57118.18	57058.59	59.59
599725	7077298	04/09/2015	14.555	57100.22	57059.24	40.98
599738	7077299	04/09/2015	14.56278	57090.93	57059.4	31.53
599750	7077298	04/09/2015	14.57167	57093.48	57059.7	33.78
599762	7077299	04/09/2015	14.58167	57072.27	57059.9	12.37
599775	7077301	04/09/2015	14.59167	57112.13	57060.08	52.05
599787	7077299	04/09/2015	14.60167	57125.7	57059.81	65.89
599800	7077298	04/09/2015	14.61056	57136.75	57059.22	77.53
599812	7077301	04/09/2015	14.62167	57147.2	57058.52	88.68
599825	7077301	04/09/2015	14.63056	57149.11	57058.45	90.66
599837	7077299	04/09/2015	14.64944	57156.42	57058.54	97.88
599850	7077300	04/09/2015	14.65944	57156.56	57058.32	98.24
599862	7077299	04/09/2015	14.67278	57154.71	57058.61	96.1
599875	7077301	04/09/2015	14.68389	57155.53	57059.15	96.38
599888	7077300	04/09/2015	14.69611	57164.69	57059.76	104.93
599900	7077298	04/09/2015	14.70611	57162.39	57060.63	101.76
599912	7077298	04/09/2015	14.71611	57162.55	57061.01	101.54
599925	7077301	04/09/2015	14.72833	57170.52	57062.1	108.42
599937	7077298	04/09/2015	14.74278	57169.9	57062.32	107.58
599950	7077301	04/09/2015	14.75278	57174.97	57061.98	112.99
599962	7077299	04/09/2015	14.76389	57175.22	57061.67	113.55
599975	7077297	04/09/2015	14.77833	57175.2	57061.21	113.99
599988	7077300	04/09/2015	14.79278	57172.86	57059.72	113.14
600001	7077298	04/09/2015	14.80833	57168.51	57058.96	109.55
600012	7077299	04/09/2015	14.82056	57161.08	57058.45	102.63
600026	7077299	04/09/2015	14.83722	57163.25	57058.3	104.95
600036	7077299	04/09/2015	14.85278	57172.64	57058.39	114.25
600050	7077297	04/09/2015	14.86056	57160.23	57058.53	101.7
600063	7077300	04/09/2015	14.87056	57172.39	57058.91	113.48
600075	7077299	04/09/2015	14.88611	57165.57	57059.48	106.09
600087	7077301	04/09/2015	14.90167	57176.89	57059.9	116.99
600100	7077300	04/09/2015	14.91611	57161.42	57060.12	101.3
600112	7077302	04/09/2015	14.92611	57174.7	57059.94	114.76
600125	7077300	04/09/2015	14.94611	57179.39	57060.11	119.28
600138	7077296	04/09/2015	14.95722	57176.12	57059.91	116.21
600150	7077300	04/09/2015	14.96833	57169.71	57059.9	109.81
600164	7077298	04/09/2015	14.97833	57175.4	57059.35	116.05
600174	7077300	04/09/2015	14.99278	57177.08	57058.46	118.62
600187	7077298	04/09/2015	15.00389	57172.63	57058.23	114.4
600200	7077301	04/09/2015	15.01167	57176.9	57057.83	119.07
600202	7077275	04/09/2015	15.06944	57182.08	57058.68	123.4
600200	7077250	04/09/2015	15.09056	57183.49	57059.34	124.15
600200	7077225	04/09/2015	15.11278	57184.86	57060.12	124.74
600200	7077200	04/09/2015	15.13611	57179.25	57061.51	117.74
600199	7077175	04/09/2015	15.15389	57188.81	57063.1	125.71
600200	7077149	04/09/2015	15.17611	57188.91	57064.56	124.35

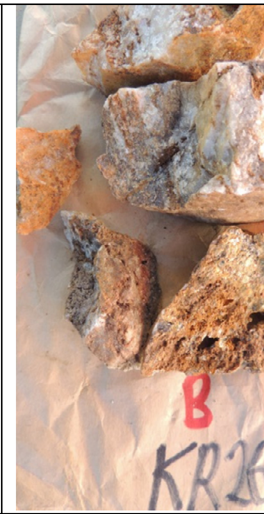
East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
600200	7077124	04/09/2015	15.205	57189.91	57065.73	124.18
600202	7077102	04/09/2015	15.23278	57173.6	57067.1	106.5
600283	7077049	04/09/2015	15.38944	57198.76	57071.73	127.03
600294	7077021	04/09/2015	15.41611	57196.85	57072.05	124.8
600302	7076998	04/09/2015	15.43833	57208.57	57073.4	135.17
600311	7076975	04/09/2015	15.46278	57203.33	57073.85	129.48
600314	7076950	04/09/2015	15.48167	57198.96	57072.94	126.02
600332	7076932	04/09/2015	15.50389	57202.4	57073.59	128.81
600353	7076920	04/09/2015	15.52389	57202.47	57074.21	128.26
600374	7076907	04/09/2015	15.54611	57201.53	57075.29	126.24
600400	7076897	04/09/2015	15.57278	57203.96	57076.52	127.44
600417	7076879	04/09/2015	15.59611	57200.37	57077.36	123.01
600441	7076868	04/09/2015	15.62389	57200.37	57078.6	121.77
600467	7076860	04/09/2015	15.65389	57205.4	57080.57	124.83
600492	7076855	04/09/2015	15.68389	57205.42	57080.98	124.44
600522	7076845	04/09/2015	15.71167	57203.88	57082.54	121.34
600546	7076838	04/09/2015	15.735	57202.17	57083.97	118.2
600568	7076824	04/09/2015	15.765	57210.36	57083.75	126.61
600589	7076809	04/09/2015	15.825	57198.79	57084.01	114.78
600598	7076785	04/09/2015	15.85167	57191.97	57083.71	108.26
600600	7076759	04/09/2015	15.86722	57184.25	57083.56	100.69
600608	7076735	04/09/2015	15.89278	57175.8	57082.27	93.53
600590	7076718	04/09/2015	16.22278	57179.76	57082.95	96.81
600599	7076499	04/09/2015	16.22611	57180.23	57082.93	97.3
600599	7076499	04/09/2015	16.24944	57178.04	57081.9	96.14
600626	7076495	04/09/2015	16.265	57172.78	57081.35	91.43
600652	7076498	04/09/2015	16.29611	57179.83	57081.07	98.76
600675	7076500	04/09/2015	16.31389	57183.07	57081.04	102.03
600701	7076500	04/09/2015	16.34278	57153.06	57082.85	70.21
600724	7076500	04/09/2015	16.35944	57149.99	57082.52	67.47
600750	7076499	04/09/2015	16.38944	57159.82	57081.95	77.87
600776	7076499	04/09/2015	16.41722	57163.39	57084.91	78.48
600801	7076498	04/09/2015	16.43944	57160.63	57085.06	75.57
600824	7076498	04/09/2015	16.45944	57165.91	57083.81	82.1
600851	7076496	04/09/2015	16.48056	57161.88	57084.29	77.59
600875	7076504	04/09/2015	16.50611	57170.62	57084.76	85.86
600901	7076499	04/09/2015	16.53167	57172.38	57088.3	84.08
600925	7076499	04/09/2015	16.55389	57177.32	57088.19	89.13
600950	7076498	04/09/2015	16.57611	57171.16	57089.91	81.25
600974	7076502	04/09/2015	16.59389	57174.98	57089.65	85.33
601000	7076502	04/09/2015	16.62278	57174.42	57090.88	83.54
601024	7076502	04/09/2015	16.65167	57171.82	57092.26	79.56
601050	7076503	04/09/2015	16.67389	57180.72	57093	87.72
601074	7076498	04/09/2015	16.70389	57176.71	57094.66	82.05
601101	7076504	04/09/2015	16.72944	57174.87	57097.23	77.64
601124	7076499	04/09/2015	16.75611	57182.84	57098.45	84.39

East_NAD83_Z7	North_NAD83_Z7	Day	Time	Mobile_nT	Base_nT	Residual_Mag_nT
601151	7076502	04/09/2015	16.785	57188.3	57099.16	89.14
601175	7076500	04/09/2015	16.81167	57174.37	57099.92	74.45
601200	7076498	04/09/2015	16.835	57185.73	57099.57	86.16
601224	7076498	04/09/2015	16.85722	57175.64	57098.62	77.02
601250	7076504	04/09/2015	16.88056	57172.29	57097.57	74.72
601274	7076499	04/09/2015	16.90056	57180.97	57096.05	84.92
601299	7076502	04/09/2015	16.92611	57173.84	57094.84	79
601325	7076500	04/09/2015	16.945	57176.55	57094.45	82.1
601351	7076501	04/09/2015	16.96833	57185.8	57094.63	91.17
601375	7076500	04/09/2015	16.99278	57179.57	57093.71	85.86
601400	7076502	04/09/2015	17.01389	57178.35	57093.66	84.69
601425	7076501	04/09/2015	17.03722	57181.7	57093.54	88.16
601450	7076501	04/09/2015	17.05833	57177.59	57093.92	83.67
601476	7076498	04/09/2015	17.08389	57177.09	57093.75	83.34
601501	7076499	04/09/2015	17.10278	57177.18	57093.75	83.43
601525	7076500	04/09/2015	17.125	57179.84	57093.14	86.7
601549	7076498	04/09/2015	17.14389	57181.04	57093.12	87.92
601574	7076499	04/09/2015	17.16833	57185.62	57093.22	92.4
601600	7076499	04/09/2015	17.20722	57169.82	57092.25	77.57
601625	7076500	04/09/2015	17.23611	57182.78	57092.17	90.61
601649	7076504	04/09/2015	17.25722	57182.82	57092.14	90.68
601675	7076506	04/09/2015	17.28056	57182.47	57092.36	90.11
601699	7076511	04/09/2015	17.30944	57182.56	57093.48	89.08

Appendix 8: Rock Sample Photos and Descriptions

					
Quartz: Oxidation (2) in cavities and on fractures Au: 1.3 ppb; As: <2 ppm Pb: <3 ppm; Zn: 3 ppm	Schist: Oxidation (5) Au: 9.2 ppb; As: 24 ppm Pb: 14 ppm; Zn: 76 ppm	Quartz/Schist: Oxidation (4) Au: 35.9 ppb; As: 510 ppm Pb: 24 ppm; Zn: 23 ppm	Schist: Silicification (5) Au: 2.7 ppb; As: 748 ppm Pb: <3 ppm; Zn: 14 ppm	Quartz: Oxidation (2) in cavities and on fractures Au: 4.5 ppb; As: 24 ppm Pb: 9 ppm; Zn: 24 ppm	Schist: Silicification (4) Au: 2.6 ppb; As: 66 ppm Pb: 6 ppm; Zn: 26 ppm
					
Quartz: Oxidation (2) in cavities and on fractures Au: 1.1 ppb; As: 5 ppm Pb: 26 ppm; Zn: 25 ppm	Schist: Oxidation (5) Au: 2.8 ppb; As: 83 ppm Pb: 17 ppm; Zn: 50 ppm	Quartz: Oxidation (2); Arsenopyrite Au: 6.3 ppb; As: 429 ppm Pb: 34 ppm; Zn: 6 ppm	Quartz: Oxidation (2) in cavities and on fractures Au: 4.3 ppb; As: 116 ppm Pb: 106 ppm; Zn: 48 ppm	Quartz: Oxidation (2) in cavities and on fractures Au: 6.9 ppb; As: 31 ppm Pb: 18 ppm; Zn: 23 ppm	Schist: Silicification (3), Oxidation (3) Au: <0.5 ppb; As: 20 ppm Pb: 31 ppm; Zn: 48 ppm

					
Quartz: Oxidation (2) in cavities and on fractures; Au: <0.5 ppb; As: 13 ppm Pb: 9 ppm; Zn: 78 ppm	Feldspathic-schist: Quartz sand; Oxidation (2); Au: <0.5 ppb; As: 16 ppm Pb: 10 ppm; Zn: 19 ppm	Feldspathic-schist: Silicification (3), Oxidation (3) Au: 1.1 ppb; As: 17 ppm Pb: 113 ppm; Zn: 64 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 1.7 ppb; As: 4 ppm Pb: 43 ppm; Zn: 12 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 2.5 ppb; As: 3 ppm Pb: 2 ppm; Zn: 4 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 6.3 ppb; As: 21 ppm Pb: 575 ppm; Zn: 2 ppm
					
Quartz: Oxidation (2) in cavities and on fractures; Au: <0.5 ppb; As: 13 ppm Pb: 9 ppm; Zn: 78 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 1.4 ppb; As: 4 ppm Pb: 19 ppm; Zn: 19 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 4.0 ppb; As: 3 ppm Pb: 18 ppm; Zn: 15 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 2.0 ppb; As: 4 ppm Pb: 9 ppm; Zn: 39 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 3.4 ppb; As: 3 ppm Pb: 23 ppm; Zn: 15 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 0.5 ppb; As: 6 ppm Pb: 2 ppm; Zn: 13 ppm

					
Quartz: Oxidation (2) in cavities and on fractures; Au: 0.7 ppb; As: 3 ppm Pb: 27 ppm; Zn: 6 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 0.5 ppb; As: 4 ppm Pb: 20 ppm; Zn: 23 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 0.9 ppb; As: 8 ppm Pb: 2 ppm; Zn: 35 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 7.1 ppb; As: 11 ppm Pb: 7 ppm; Zn: 35 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 0.5 ppb; As: 1 ppm Pb: 4 ppm; Zn: 7 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 0.7 ppb; As: 2 ppm Pb: 7 ppm; Zn: 13 ppm
					
Quartz: Oxidation (2) in cavities and on fractures; Au: 0.8 ppb; As: 12 ppm Pb: 8 ppm; Zn: 17 ppm	Quartz: Oxidation (2) in cavities and on fractures; Au: 1.7 ppb; As: <2 ppm Pb: 9 ppm; Zn: 17 ppm	Feldspathic-schist: Oxidation (4), Silicification (4) Au: 1.2 ppb; As: 4 ppm Pb: 11 ppm; Zn: 37 ppm	Quartz: Oxidation (2) on fractures; Au: 0.3 ppb; As: <2 ppm Pb: 2 ppm; Zn: 3 ppm		

Intrusive: Carbonate (2), Magnetic
Au: 1.2 ppb; As: <2 ppm
Pb: 14 ppm; Zn: 26 ppm

Quartz: Oxidation (2) in cavities;
Au: 1.0 ppb; As: 7 ppm
Pb: 6 ppm; Zn: 16 ppm

Chlorite-schist: Carbonate (2)
Au: 14.9 ppb; As: 17 ppm
Pb: 73 ppm; Zn: 178 ppm

Chlorite-carbonate-schist:
Oxidation (3), Carbonate (3)
Au: 6.8 ppb; As: <2 ppm
Pb: 5 ppm; Zn: 19 ppm

Chlorite-carbonate-schist:
Oxidation (3), Carbonate (4)
Au: 1.8 ppb; As: <2 ppm
Pb: 4 ppm; Zn: 74 ppm

Schist: Oxidation (3), Silcification (4)
Au: 1.8 ppb; As: 3 ppm
Pb: <3 ppm; Zn: 10 ppm

Chlorite-carbonate-schist:
(1567477) Oxidation (3), Carbonate (4)
Au: 0.6 ppb; As: 2 ppm
Pb: <3 ppm; Zn: 4 ppm

Chlorite-schist:
(1567478) Carbonate (2)
Au: 1.7 ppb; As: <2 ppm
Pb: <3 ppm; Zn: 23 ppm

Chlorite-carbonate-schist: (1567479) Carbonate (3), Oxidation (2)
Au: 1.1 ppb; As: <2 ppm
Pb: <3 ppm; Zn: 4 ppm

Appendix 9: Certificates of Analyses

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Submitted By:	Tara Christie
Receiving Lab:	Canada-Whitehorse
Received:	October 05, 2015
Report Date:	October 27, 2015
Page:	1 of 5

CERTIFICATE OF ANALYSIS WHI15000219.1

CLIENT JOB INFORMATION

Project:	KATE
Shipment ID:	
P.O. Number	
Number of Samples:	94

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	94	Dry at 60C			WHI
SS80	94	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	94	Save all or part of Soil Reject			WHI
AQ300	93	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ130	94	Acid digest, Au by ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Gimlex Enterprises Ltd.
Box 660
Dawson City YT Y0B 1G0
Canada

CC: Jim Christie

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
1567370	Soil	2	41	33	107	0.6	40	12	330	3.76	20	8	9	<0.5	<3	<3	50	0.06	0.016	36	38
1567375	Soil	1	17	16	49	0.7	16	8	298	2.73	12	4	8	<0.5	<3	<3	47	0.06	0.019	11	31
1567376	Soil	4	72	21	137	2.9	42	13	248	5.19	31	12	6	<0.5	4	<3	20	0.01	0.058	27	31
1567377	Soil	2	32	12	113	0.4	32	7	380	3.11	7	7	6	<0.5	<3	<3	29	0.08	0.035	34	35
1566023	Soil	2	54	33	106	<0.3	49	12	594	3.63	27	9	18	<0.5	<3	<3	36	0.29	0.086	31	41
1566024	Soil	2	27	49	91	0.7	15	6	204	3.92	75	9	14	<0.5	5	<3	14	0.01	0.053	26	15
1566025	Soil	3	26	24	76	0.7	24	8	173	3.56	47	5	10	<0.5	4	<3	30	0.04	0.041	17	22
1566026	Soil	2	38	16	109	0.5	40	13	613	3.63	30	6	7	<0.5	<3	<3	26	0.10	0.032	37	40
1566027	Soil	2	39	44	120	0.6	35	13	592	3.65	50	7	8	<0.5	3	<3	23	0.20	0.043	33	26
1566028	Soil	2	32	37	92	0.8	29	12	730	3.11	38	6	20	<0.5	<3	<3	24	0.35	0.043	24	21
1566029	Soil	2	37	33	85	0.7	31	9	355	3.14	35	7	11	<0.5	<3	<3	20	0.24	0.057	27	19
1566030	Soil	3	58	34	197	0.6	47	20	637	5.01	59	9	31	<0.5	4	<3	21	1.77	0.122	23	19
1566031	Soil	2	43	46	142	0.8	38	13	1047	3.54	61	3	31	0.8	3	<3	25	0.78	0.085	25	25
1566032	Soil	2	40	44	111	0.8	32	13	762	3.09	40	4	33	0.9	3	<3	24	0.69	0.075	19	21
1566061	Soil	3	162	985	244	4.3	19	4	457	3.28	30	5	33	<0.5	6	4	22	0.08	0.054	8	26
1566062	Soil	2	25	73	62	1.4	15	5	200	2.30	15	5	12	<0.5	<3	3	22	0.07	0.026	13	18
1566063	Soil	2	21	118	93	0.8	16	4	460	2.76	40	6	26	<0.5	<3	<3	17	0.07	0.046	8	20
1566064	Soil	3	74	170	203	0.9	34	6	368	4.03	29	8	30	<0.5	<3	<3	27	0.03	0.050	19	33
1566065	Soil	2	46	67	113	0.4	25	7	355	3.18	29	7	16	<0.5	3	<3	29	0.04	0.035	20	28
1566066	Soil	3	220	1838	507	6.1	33	18	1766	5.59	58	8	16	0.8	9	<3	18	0.12	0.113	29	27
1566067	Soil	3	210	1163	493	7.5	33	17	1151	5.31	58	8	9	1.0	9	<3	15	0.19	0.098	13	28
1566068	Soil	3	59	87	199	1.1	30	13	690	3.50	46	9	27	<0.5	4	<3	19	0.19	0.065	34	22
1566069	Soil	2	56	153	194	1.1	31	13	686	3.10	33	6	24	0.6	3	<3	26	0.30	0.049	21	24
1566070	Soil	2	43	88	148	0.9	27	11	796	2.75	23	5	29	<0.5	<3	<3	27	0.35	0.043	20	23
1566071	Soil	2	45	106	138	0.9	27	10	523	2.88	28	6	32	<0.5	3	<3	28	0.31	0.045	21	25
1566072	Soil	2	47	134	140	1.1	27	13	740	2.53	26	6	36	<0.5	<3	<3	21	0.30	0.039	24	22
1566073	Soil	1	36	104	114	1.1	23	14	974	2.58	32	5	34	<0.5	<3	<3	23	0.50	0.054	13	19
1566074	Soil	2	40	43	126	0.6	29	13	597	3.16	88	11	22	<0.5	4	<3	15	0.26	0.069	25	13
1566075	Soil	2	36	150	134	1.6	23	9	815	2.59	44	5	34	<0.5	<3	<3	24	0.42	0.063	11	22
1566001	Soil	4	23	42	143	0.4	37	16	343	4.31	75	6	4	<0.5	3	<3	34	0.05	0.021	14	37

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1567370	Soil	0.72	381	0.033	<20	1.99	<0.01	0.03	<2	<0.05	<1	<5	8	6	9.3
1567375	Soil	0.62	335	0.040	<20	1.76	<0.01	0.03	<2	<0.05	<1	<5	9	<5	28.6
1567376	Soil	0.49	115	0.003	<20	1.31	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	10.3
1567377	Soil	1.30	171	0.015	<20	1.61	<0.01	0.04	<2	<0.05	<1	<5	6	<5	4.4
1566023	Soil	1.35	268	0.015	<20	1.74	<0.01	0.04	<2	<0.05	<1	<5	7	<5	3.7
1566024	Soil	0.56	115	0.005	<20	1.02	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	9.4
1566025	Soil	0.22	186	0.022	<20	1.12	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	6.6
1566026	Soil	0.80	246	0.008	<20	1.16	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	16.7
1566027	Soil	0.28	310	0.007	<20	0.80	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	13.9
1566028	Soil	0.27	418	0.008	<20	0.88	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	13.6
1566029	Soil	0.56	302	0.006	<20	1.02	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	10.0
1566030	Soil	0.60	69	0.002	<20	0.24	<0.01	0.05	<2	0.58	<1	<5	<5	<5	14.4
1566031	Soil	0.31	342	0.008	<20	0.81	<0.01	0.04	<2	0.06	<1	<5	<5	<5	12.1
1566032	Soil	0.38	322	0.010	<20	0.87	<0.01	0.04	<2	0.05	<1	<5	<5	<5	7.3
1566061	Soil	2.10	223	0.045	<20	1.86	<0.01	0.09	<2	0.12	<1	<5	8	<5	82.2
1566062	Soil	0.88	670	0.014	<20	1.23	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	26.3
1566063	Soil	1.51	604	0.061	<20	1.34	<0.01	0.05	<2	<0.05	<1	<5	8	<5	57.0
1566064	Soil	1.72	297	0.015	<20	2.05	<0.01	0.09	<2	0.13	<1	<5	7	<5	41.6
1566065	Soil	0.94	240	0.020	<20	1.58	<0.01	0.04	<2	<0.05	<1	<5	5	<5	34.8
1566066	Soil	1.41	105	0.002	<20	1.28	<0.01	0.04	<2	0.10	1	<5	<5	<5	345.7
1566067	Soil	1.40	103	0.003	<20	1.21	<0.01	0.03	<2	0.07	2	<5	<5	<5	175.6
1566068	Soil	0.85	500	0.009	<20	1.22	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	61.6
1566069	Soil	0.79	327	0.020	<20	1.25	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	43.9
1566070	Soil	0.73	364	0.020	<20	1.28	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	36.3
1566071	Soil	0.73	374	0.026	<20	1.25	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	27.2
1566072	Soil	0.87	462	0.017	<20	1.27	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	24.9
1566073	Soil	0.89	435	0.023	<20	1.21	<0.01	0.05	<2	0.07	<1	<5	<5	<5	22.8
1566074	Soil	0.35	276	0.007	<20	0.67	<0.01	0.06	<2	<0.05	<1	<5	<5	<5	20.6
1566075	Soil	1.20	372	0.058	<20	1.32	<0.01	0.06	<2	0.09	<1	<5	8	<5	31.0
1566001	Soil	1.32	239	0.005	<20	2.15	<0.01	0.03	<2	<0.05	<1	<5	6	<5	2.0

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

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Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
1566002	Soil	3	45	18	164	0.7	42	12	307	4.55	32	5	4	<0.5	<3	<3	23	0.05	0.037	9	30
1566003	Soil	2	17	13	71	<0.3	19	6	260	2.61	13	4	7	<0.5	<3	<3	42	0.07	0.019	10	26
1566004	Soil	2	20	17	74	<0.3	24	10	405	3.22	25	<2	10	<0.5	<3	<3	46	0.11	0.049	10	46
1566005	Soil	2	29	14	78	<0.3	25	8	237	3.07	16	5	8	<0.5	<3	<3	35	0.07	0.018	16	26
1566006	Soil	1	25	12	58	<0.3	22	8	228	2.88	12	5	9	<0.5	<3	<3	37	0.09	0.019	20	28
1566007	Soil	4	63	29	130	0.4	42	11	327	5.33	70	7	29	<0.5	4	<3	26	0.04	0.067	46	34
1566008	Soil	5	74	45	182	0.5	53	22	561	5.98	73	8	18	<0.5	4	<3	17	0.10	0.076	35	18
1566009	Soil	2	46	18	118	<0.3	38	13	399	3.90	190	6	13	<0.5	<3	<3	29	0.31	0.063	16	52
1566010	Soil	3	44	28	120	0.5	38	13	308	4.16	491	6	24	<0.5	5	<3	16	0.24	0.043	20	14
1566011	Soil	3	37	40	98	1.5	29	11	319	3.25	222	9	17	<0.5	5	<3	14	0.17	0.051	23	16
1566012	Soil	2	29	21	73	0.4	24	9	227	3.00	325	8	10	<0.5	7	<3	18	0.12	0.022	26	16
1566013	Soil	2	20	19	60	0.4	19	8	360	2.54	165	6	23	<0.5	4	<3	25	0.28	0.028	16	20
1566014	Soil	1	28	23	67	0.4	26	13	487	2.84	370	5	21	<0.5	5	<3	23	0.22	0.035	15	17
1566015	Soil	2	44	23	90	<0.3	49	13	636	3.69	109	8	19	<0.5	<3	<3	66	0.35	0.077	27	61
1566100	Soil	2	29	51	80	0.4	15	4	120	3.43	202	11	30	<0.5	3	<3	12	0.01	0.037	40	13
1566101	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
385275	Soil	<1	10	6	31	<0.3	6	3	181	1.58	24	6	10	<0.5	<3	<3	10	0.31	0.059	19	6
385276	Soil	<1	14	15	42	<0.3	16	4	128	1.84	22	4	16	<0.5	<3	<3	29	0.37	0.074	13	18
385277	Soil	1	17	7	41	<0.3	17	5	160	2.09	37	4	13	<0.5	<3	<3	33	0.21	0.059	13	20
385278	Soil	<1	14	8	37	<0.3	17	5	147	1.86	32	5	12	<0.5	<3	<3	23	0.26	0.082	13	15
385279	Soil	1	13	6	35	<0.3	17	6	157	1.87	36	6	12	<0.5	<3	<3	21	0.26	0.077	14	14
385280	Soil	1	13	10	38	<0.3	16	6	161	1.98	30	6	11	<0.5	<3	<3	24	0.18	0.034	16	16
385281	Soil	<1	5	5	46	<0.3	18	4	76	1.38	59	10	11	<0.5	<3	<3	4	0.29	0.102	15	5
385282	Soil	<1	22	11	39	<0.3	20	7	190	2.39	20	4	16	<0.5	<3	<3	35	0.30	0.036	13	22
385283	Soil	1	21	12	46	<0.3	14	7	311	2.46	21	7	11	<0.5	<3	<3	17	0.21	0.031	18	10
385284	Soil	<1	10	10	39	<0.3	7	5	237	1.83	16	7	9	<0.5	<3	<3	11	0.13	0.028	7	6
385285	Soil	1	21	10	98	<0.3	22	17	1460	2.98	20	2	35	<0.5	<3	<3	42	0.75	0.081	12	21
385286	Soil	<1	14	6	40	<0.3	16	5	274	1.67	7	3	19	<0.5	<3	<3	28	0.29	0.074	10	16
385459	Soil	<1	29	9	42	<0.3	34	13	398	2.64	12	4	16	<0.5	<3	<3	45	0.30	0.082	11	56
385460	Soil	<1	25	9	59	<0.3	25	9	327	3.17	6	<2	17	<0.5	<3	<3	58	0.29	0.059	6	42

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Client: **Gimlex Enterprises Ltd.**
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Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1566002	Soil	0.50	147	0.003	<20	1.36	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	2.7
1566003	Soil	0.48	184	0.030	<20	1.46	<0.01	0.02	<2	<0.05	<1	<5	6	<5	6.6
1566004	Soil	0.72	257	0.022	<20	1.81	<0.01	0.03	<2	<0.05	<1	<5	7	<5	2.6
1566005	Soil	0.46	196	0.027	<20	1.23	<0.01	0.03	<2	<0.05	<1	<5	5	<5	5.6
1566006	Soil	0.47	262	0.024	<20	1.38	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	3.3
1566007	Soil	1.06	184	0.005	<20	1.58	0.01	0.04	<2	0.11	<1	<5	<5	<5	17.5
1566008	Soil	0.28	212	0.001	<20	0.68	<0.01	0.02	<2	<0.05	<1	<5	7	<5	10.4
1566009	Soil	0.88	311	0.003	<20	1.42	<0.01	0.03	<2	<0.05	<1	<5	9	<5	2.0
1566010	Soil	0.15	306	0.002	<20	0.59	<0.01	0.05	<2	0.06	<1	<5	7	<5	7.0
1566011	Soil	0.15	297	0.003	<20	0.54	<0.01	0.05	<2	0.05	<1	<5	<5	<5	18.2
1566012	Soil	0.28	313	0.006	<20	0.90	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	9.8
1566013	Soil	0.44	370	0.006	<20	1.02	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	2.0
1566014	Soil	0.26	493	0.007	<20	0.82	<0.01	0.06	<2	<0.05	<1	<5	<5	<5	5.2
1566015	Soil	1.28	485	0.011	<20	1.96	<0.01	0.05	<2	<0.05	<1	<5	10	8	3.5
1566100	Soil	0.16	140	0.005	<20	0.63	0.01	0.07	<2	0.13	<1	<5	<5	<5	15.2
1566101	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	4.3
385275	Soil	0.12	242	0.012	<20	0.58	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	14.6
385276	Soil	0.28	254	0.032	<20	1.01	<0.01	0.03	<2	<0.05	<1	<5	6	<5	2.7
385277	Soil	0.31	219	0.032	<20	1.05	<0.01	0.03	<2	<0.05	<1	<5	6	<5	6.9
385278	Soil	0.31	191	0.024	<20	0.88	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	25.0
385279	Soil	0.22	216	0.019	<20	0.84	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	8.0
385280	Soil	0.26	386	0.020	<20	0.94	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	8.0
385281	Soil	0.07	142	0.002	<20	0.39	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	7.5
385282	Soil	0.41	394	0.030	<20	1.31	<0.01	0.04	<2	<0.05	<1	<5	6	<5	3.2
385283	Soil	0.22	378	0.013	<20	0.81	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	10.4
385284	Soil	0.18	190	0.023	<20	0.74	<0.01	0.21	<2	<0.05	<1	<5	5	<5	<0.5
385285	Soil	0.48	377	0.026	<20	1.14	0.01	0.05	<2	0.05	<1	<5	6	<5	2.6
385286	Soil	0.32	177	0.035	<20	0.68	0.01	0.04	<2	<0.05	<1	<5	<5	<5	1.8
385459	Soil	1.07	154	0.048	<20	1.62	<0.01	0.09	<2	<0.05	<1	<5	9	<5	1.4
385460	Soil	1.16	275	0.044	<20	2.01	<0.01	0.05	<2	<0.05	<1	<5	10	<5	<0.5

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Project: KATE
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CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
385461	Soil	3	62	14	98	<0.3	68	15	760	3.60	12	9	12	<0.5	<3	<3	42	0.19	0.064	26	55
385462	Soil	3	51	15	95	<0.3	54	12	452	3.63	23	7	19	<0.5	<3	<3	52	0.33	0.059	21	54
385463	Soil	<1	31	9	80	<0.3	32	9	433	3.38	4	7	12	<0.5	<3	<3	41	0.24	0.061	22	46
385464	Soil	4	81	13	152	<0.3	96	22	771	4.06	10	6	17	<0.5	<3	<3	72	0.40	0.115	22	71
385465	Soil	3	32	20	75	<0.3	67	14	471	3.95	35	9	25	<0.5	<3	<3	59	0.35	0.056	25	70
385466	Soil	<1	31	<3	60	<0.3	17	14	337	3.13	<2	<2	27	<0.5	<3	<3	68	0.37	0.058	6	25
385485	Soil	<1	28	<3	47	<0.3	14	11	309	2.94	2	2	16	<0.5	<3	<3	60	0.29	0.037	7	18
385486	Soil	1	51	11	109	<0.3	55	18	573	4.59	5	7	17	<0.5	<3	<3	94	0.47	0.113	19	95
385487	Soil	<1	58	4	69	<0.3	18	18	539	4.57	2	<2	19	<0.5	<3	<3	102	0.35	0.037	3	17
385488	Soil	1	31	16	68	<0.3	38	9	422	2.90	9	5	14	<0.5	<3	<3	53	0.19	0.024	14	50
385489	Soil	3	54	8	100	<0.3	49	11	513	3.25	7	5	12	<0.5	<3	<3	51	0.21	0.055	20	46
1566102	Soil	1	26	16	50	<0.3	21	8	276	2.48	33	5	22	<0.5	<3	<3	43	0.27	0.028	20	31
1566103	Soil	1	21	10	50	0.3	19	9	277	2.45	28	5	14	<0.5	<3	<3	40	0.16	0.020	15	30
1566104	Soil	1	31	12	72	<0.3	25	12	515	3.08	24	5	20	<0.5	<3	<3	53	0.27	0.052	16	41
1566105	Soil	2	29	18	70	0.5	29	9	409	2.69	68	4	24	<0.5	<3	<3	37	0.27	0.049	20	36
1566106	Soil	2	25	26	62	0.4	23	12	403	2.86	119	5	13	<0.5	<3	<3	39	0.15	0.028	16	32
1566107	Soil	1	21	24	55	0.3	18	6	226	2.23	93	5	11	<0.5	<3	<3	25	0.16	0.025	17	25
1566108	Soil	2	44	25	115	0.7	44	17	839	3.23	61	8	16	0.8	<3	<3	26	0.29	0.103	36	35
1566109	Soil	<1	18	12	43	<0.3	18	6	206	2.36	108	4	5	<0.5	4	<3	31	0.04	0.013	12	25
1566110	Soil	1	27	15	61	<0.3	25	9	261	2.76	346	7	7	<0.5	7	<3	30	0.08	0.028	28	25
1566111	Soil	2	37	15	80	<0.3	24	9	218	3.02	89	7	4	<0.5	4	<3	15	0.03	0.023	25	16
1566112	Soil	2	28	33	65	<0.3	19	11	356	2.63	173	3	5	<0.5	4	<3	20	0.05	0.032	17	17
1566113	Soil	2	39	12	80	<0.3	37	12	359	3.63	964	4	4	0.6	8	<3	27	0.05	0.034	11	27
1566114	Soil	2	40	14	81	<0.3	26	9	359	3.54	38	7	24	<0.5	4	<3	27	0.02	0.032	14	27
1566115	Soil	1	36	11	71	<0.3	24	7	297	3.03	34	6	6	<0.5	<3	<3	34	0.04	0.021	18	39
1566116	Soil	3	40	32	80	0.3	35	12	426	3.98	7	5	2	0.5	3	<3	25	0.04	0.023	8	29
1566117	Soil	1	13	11	40	0.4	13	5	180	2.29	9	2	7	<0.5	<3	<3	40	0.06	0.017	8	20
1566118	Soil	1	33	8	73	<0.3	29	8	398	3.02	13	7	9	<0.5	<3	<3	31	0.12	0.035	29	33
1566119	Soil	1	22	14	60	<0.3	22	6	308	2.62	6	5	6	<0.5	<3	<3	31	0.10	0.034	11	29
1566120	Soil	1	33	13	80	<0.3	32	8	439	3.26	30	6	5	<0.5	<3	<3	38	0.08	0.033	7	38

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Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS   WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
385461	Soil	1.57	211	0.018	<20	2.20	<0.01	0.04	<2	<0.05	<1	<5	8	<5	1.7
385462	Soil	1.43	240	0.028	<20	2.38	<0.01	0.05	<2	<0.05	<1	<5	9	6	2.5
385463	Soil	1.52	189	0.006	<20	2.15	<0.01	0.03	<2	<0.05	<1	<5	7	6	1.1
385464	Soil	2.12	263	0.005	<20	2.62	<0.01	0.04	<2	<0.05	<1	<5	9	7	1.2
385465	Soil	1.46	414	0.019	<20	2.19	<0.01	0.05	<2	<0.05	<1	<5	8	8	4.9
385466	Soil	1.80	291	0.119	<20	2.05	<0.01	0.33	<2	<0.05	<1	<5	13	<5	1.3
385485	Soil	1.24	166	0.027	<20	1.65	<0.01	0.06	<2	<0.05	<1	<5	7	6	2.0
385486	Soil	2.10	236	0.005	<20	2.99	<0.01	0.04	<2	<0.05	<1	<5	13	7	2.7
385487	Soil	2.21	201	0.066	<20	2.73	<0.01	0.03	<2	<0.05	<1	<5	14	6	2.4
385488	Soil	1.03	354	0.029	<20	1.90	<0.01	0.04	<2	<0.05	<1	<5	6	<5	4.6
385489	Soil	1.45	292	0.014	<20	2.07	<0.01	0.03	<2	<0.05	<1	<5	6	6	4.2
1566102	Soil	0.66	528	0.029	<20	1.35	<0.01	0.05	<2	<0.05	<1	<5	6	5	4.6
1566103	Soil	0.65	416	0.030	<20	1.26	<0.01	0.04	<2	<0.05	<1	<5	6	<5	5.5
1566104	Soil	1.04	412	0.045	<20	1.42	<0.01	0.04	<2	<0.05	<1	<5	9	7	3.4
1566105	Soil	1.00	573	0.012	<20	1.52	<0.01	0.05	<2	<0.05	<1	<5	8	<5	4.6
1566106	Soil	0.81	362	0.015	<20	1.46	<0.01	0.05	<2	<0.05	<1	<5	7	<5	5.3
1566107	Soil	0.78	292	0.011	<20	1.23	<0.01	0.04	<2	<0.05	<1	<5	6	<5	9.1
1566108	Soil	1.36	146	0.007	<20	1.41	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	3.0
1566109	Soil	0.70	206	0.015	<20	1.29	<0.01	0.03	<2	<0.05	<1	<5	5	<5	2.8
1566110	Soil	0.67	255	0.012	<20	1.28	<0.01	0.04	<2	<0.05	<1	<5	5	<5	1.5
1566111	Soil	0.47	236	0.004	<20	0.87	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	8.7
1566112	Soil	0.40	170	0.009	<20	0.90	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	6.5
1566113	Soil	0.59	168	0.003	<20	1.30	<0.01	0.05	<2	<0.05	<1	<5	6	<5	3.6
1566114	Soil	1.31	186	0.014	<20	1.52	<0.01	0.08	<2	0.09	<1	<5	7	<5	10.8
1566115	Soil	1.27	201	0.023	<20	1.65	<0.01	0.04	<2	<0.05	<1	<5	7	<5	3.6
1566116	Soil	0.91	125	0.028	<20	1.46	<0.01	0.03	<2	<0.05	<1	<5	7	<5	2.7
1566117	Soil	0.39	192	0.035	<20	1.12	<0.01	0.03	<2	<0.05	<1	<5	6	<5	4.6
1566118	Soil	1.31	172	0.028	<20	1.65	<0.01	0.04	<2	<0.05	<1	<5	6	<5	3.5
1566119	Soil	1.02	183	0.049	<20	1.50	<0.01	0.04	<2	<0.05	<1	<5	9	<5	2.4
1566120	Soil	1.36	159	0.049	<20	1.87	<0.01	0.04	<2	<0.05	<1	<5	9	<5	4.2

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
1566145	Soil	2	34	28	111	<0.3	28	9	317	3.24	26	5	8	<0.5	3	<3	33	0.06	0.035	15	22
1566146	Soil	3	36	30	67	0.7	16	6	271	4.78	23	8	29	<0.5	3	3	27	0.05	0.054	26	23
1566147	Soil	2	37	34	85	<0.3	31	9	287	3.10	28	7	7	<0.5	<3	<3	35	0.05	0.021	28	29
1566148	Soil	2	48	53	254	1.1	35	22	2178	2.69	61	9	14	2.1	4	<3	8	0.28	0.072	9	14

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PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
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Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

CERTIFICATE OF ANALYSIS WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1566145	Soil	0.30	175	0.020	<20	0.98	<0.01	0.06	<2	<0.05	<1	<5	<5	<5	1.7
1566146	Soil	0.92	146	0.014	<20	1.40	0.01	0.06	<2	0.11	<1	<5	6	<5	7.1
1566147	Soil	0.83	260	0.018	<20	1.63	<0.01	0.03	<2	<0.05	<1	<5	7	<5	4.5
1566148	Soil	1.04	80	0.002	<20	0.79	<0.01	0.04	<2	0.24	<1	<5	<5	<5	31.6

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA

PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

QUALITY CONTROL REPORT WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
Pulp Duplicates																					
1567377	Soil	2	32	12	113	0.4	32	7	380	3.11	7	7	6	<0.5	<3	<3	29	0.08	0.035	34	35
REP 1567377	QC																				
1566029	Soil	2	37	33	85	0.7	31	9	355	3.14	35	7	11	<0.5	<3	<3	20	0.24	0.057	27	19
REP 1566029	QC	2	37	33	86	0.7	32	9	360	3.20	37	8	11	<0.5	<3	<3	20	0.24	0.058	27	20
1566008	Soil	5	74	45	182	0.5	53	22	561	5.98	73	8	18	<0.5	4	<3	17	0.10	0.076	35	18
REP 1566008	QC																				
385275	Soil	<1	10	6	31	<0.3	6	3	181	1.58	24	6	10	<0.5	<3	<3	10	0.31	0.059	19	6
REP 385275	QC	<1	11	6	32	<0.3	6	3	175	1.60	24	7	10	<0.5	<3	<3	10	0.31	0.059	19	7
385488	Soil	1	31	16	68	<0.3	38	9	422	2.90	9	5	14	<0.5	<3	<3	53	0.19	0.024	14	50
REP 385488	QC																				
1566113	Soil	2	39	12	80	<0.3	37	12	359	3.63	964	4	4	0.6	8	<3	27	0.05	0.034	11	27
REP 1566113	QC	2	39	12	81	0.4	37	12	364	3.69	986	4	4	<0.5	9	<3	27	0.05	0.032	11	28
Reference Materials																					
STD DS10	Standard	13	144	141	347	1.9	69	11	838	2.61	44	6	63	2.3	11	10	39	1.01	0.072	14	50
STD DS10	Standard	12	149	150	368	2.0	71	11	869	2.66	42	7	66	2.3	11	11	41	1.03	0.075	15	50
STD DS10	Standard	12	145	139	355	1.7	68	11	825	2.63	45	6	62	2.4	11	12	40	1.00	0.072	14	50
STD OREAS45EA	Standard	2	661	15	29	0.5	363	51	383	20.92	7	10	4	<0.5	6	<3	292	0.03	0.029	7	856
STD OREAS45EA	Standard	2	699	16	30	0.5	376	51	391	20.93	7	10	4	<0.5	7	<3	298	0.03	0.029	7	889
STD OREAS45EA	Standard	2	631	13	28	0.4	341	48	368	19.27	8	9	4	1.8	7	4	278	0.03	0.027	7	811
STD OREAS901	Standard																				
STD OREAS901	Standard																				
STD OREAS901	Standard																				
STD DS10 Expected		13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5	54.6
STD OREAS45EA Expected		1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029	7.06	849
STD OREAS901 Expected																					
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1	<1
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1	<1
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1	<1

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: October 27, 2015

QUALITY CONTROL REPORT WHI15000219.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
Pulp Duplicates															
1567377	Soil	1.30	171	0.015	<20	1.61	<0.01	0.04	<2	<0.05	<1	<5	6	<5	4.4
REP 1567377	QC														3.9
1566029	Soil	0.56	302	0.006	<20	1.02	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	10.0
REP 1566029	QC	0.56	307	0.006	<20	1.01	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	
1566008	Soil	0.28	212	0.001	<20	0.68	<0.01	0.02	<2	<0.05	<1	<5	7	<5	10.4
REP 1566008	QC														11.7
385275	Soil	0.12	242	0.012	<20	0.58	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	14.6
REP 385275	QC	0.12	243	0.012	<20	0.57	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	
385488	Soil	1.03	354	0.029	<20	1.90	<0.01	0.04	<2	<0.05	<1	<5	6	<5	4.6
REP 385488	QC														1.1
1566113	Soil	0.59	168	0.003	<20	1.30	<0.01	0.05	<2	<0.05	<1	<5	6	<5	3.6
REP 1566113	QC	0.59	171	0.003	<20	1.30	<0.01	0.05	<2	<0.05	<1	<5	5	<5	
Reference Materials															
STD DS10	Standard	0.74	397	0.069	<20	0.95	0.06	0.32	3	0.27	<1	<5	11	<5	
STD DS10	Standard	0.76	409	0.072	<20	0.99	0.07	0.32	3	0.27	<1	5	9	<5	
STD DS10	Standard	0.72	401	0.068	<20	0.93	0.06	0.31	3	0.27	<1	6	10	<5	
STD OREAS45EA	Standard	0.09	149	0.091	<20	3.00	0.02	0.05	<2	<0.05	<1	<5	39	80	
STD OREAS45EA	Standard	0.09	148	0.097	<20	3.11	0.02	0.05	<2	<0.05	<1	<5	36	83	
STD OREAS45EA	Standard	0.09	144	0.087	<20	2.79	0.02	0.05	<2	<0.05	<1	<5	36	76	
STD OREAS901	Standard														386.1
STD OREAS901	Standard														376.8
STD OREAS901	Standard														382.2
STD DS10 Expected		0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected		0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78	
STD OREAS901 Expected															363
BLK	Blank	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	

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Client: **Gimlex Enterprises Ltd.**
Box 660
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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Project: KATE
Report Date: October 27, 2015

QUALITY CONTROL REPORT WHI15000219.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
		1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				

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Project: KATE
Report Date: October 27, 2015

QUALITY CONTROL REPORT WHI15000219.1

		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
		Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
		%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
		0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
BLK	Blank														<0.5
BLK	Blank														<0.5
BLK	Blank														<0.5

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Submitted By: Jim Christie
Receiving Lab: Canada-Whitehorse
Received: July 23, 2015
Report Date: August 24, 2015

CERTIFICATE OF ANALYSIS WHI15000104.1

CLIENT JOB INFORMATION

Project:	KATE
Shipment ID:	
P.O. Number	
Number of Samples:	11

SAMPLE DISPOSAL

RTRN-PLP	Return
RTRN-RJT	Return

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	11	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ300	11	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ130-IGN	11	Ignite samples, acid digest, Au by ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Gimlex Enterprises Ltd.
Box 660
Dawson City YT Y0B 1G0
Canada

CC: Tara Christie

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Client: **Gimlex Enterprises Ltd.**
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Project: KATE
Report Date: August 24, 2015

CERTIFICATE OF ANALYSIS WHI15000104.1

	Method	WGHT	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
1566251	Rock	1.98	2	38	73	178	1.3	9	21	2879	5.04	17	3	276	3.5	3	<3	34	7.99	0.047	4
1566252	Rock	1.35	2	19	91	132	1.4	5	11	441	3.90	4	<2	91	1.0	<3	<3	16	0.22	0.073	3
1566384	Rock	1.58	<1	3	14	26	<0.3	<1	<1	44	1.10	<2	13	6	<0.5	<3	<3	1	<0.01	0.007	11
1566400	Rock	1.47	<1	7	6	16	<0.3	11	4	244	0.69	7	<2	4	<0.5	<3	<3	6	0.10	0.023	1
1566451	Rock	0.50	<1	9	<3	32	<0.3	9	17	299	2.34	<2	<2	16	<0.5	<3	<3	44	0.43	0.033	<1
1566971	Rock	1.47	2	14	5	19	1.6	8	7	324	2.87	<2	<2	3	<0.5	9	<3	7	<0.01	0.031	5
1566972	Rock	1.90	<1	10	4	74	<0.3	4	<1	356	2.82	<2	<2	38	<0.5	<3	<3	14	0.39	0.080	3
1567476	Rock	1.36	6	1	<3	10	0.6	<1	<1	39	1.50	3	3	15	<0.5	3	<3	4	<0.01	0.075	5
1567477	Rock	1.32	<1	2	<3	4	<0.3	2	1	62	0.50	2	<2	16	<0.5	<3	<3	2	0.10	0.045	<1
1567478	Rock	1.31	<1	7	<3	23	<0.3	6	6	871	0.85	<2	<2	2	0.8	<3	<3	3	0.01	0.016	3
1567479	Rock	0.44	<1	1	<3	4	<0.3	3	1	109	0.39	<2	<2	<1	<0.5	<3	<3	1	0.01	0.007	<1

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 24, 2015

CERTIFICATE OF ANALYSIS WHI15000104.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1566251	Rock	7	1.84	84	0.002	<20	1.90	<0.01	0.09	<2	3.35	<1	<5	<5	<5	14.9
1566252	Rock	4	1.63	37	0.002	<20	1.51	0.01	0.12	<2	2.54	<1	<5	<5	<5	7.9
1566384	Rock	1	<0.01	451	0.002	<20	0.16	0.05	0.11	<2	<0.05	<1	<5	<5	<5	1.2
1566400	Rock	6	0.16	114	0.027	<20	0.27	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	1.0
1566451	Rock	5	1.41	53	0.106	<20	1.84	0.02	0.06	<2	<0.05	<1	<5	7	<5	2.3
1566971	Rock	7	0.11	70	0.002	<20	0.28	0.02	0.09	<2	<0.05	3	<5	<5	<5	6.8
1566972	Rock	6	0.87	281	0.186	<20	1.27	0.03	0.15	<2	0.06	<1	<5	13	<5	1.8
1567476	Rock	2	0.09	114	0.006	<20	0.19	0.09	0.07	<2	0.24	2	<5	<5	<5	1.8
1567477	Rock	2	<0.01	15	0.002	<20	0.05	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	0.6
1567478	Rock	3	0.17	121	<0.001	<20	0.19	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	1.7
1567479	Rock	3	0.04	24	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	1.1

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BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 24, 2015

QUALITY CONTROL REPORT WHI15000104.1

	Method	WGHT	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
Pulp Duplicates																					
1567479	Rock	0.44	<1	1	<3	4	<0.3	3	1	109	0.39	<2	<2	<1	<0.5	<3	<3	1	0.01	0.007	<1
REP 1567479	QC		<1	1	<3	4	<0.3	3	1	109	0.40	<2	<2	<1	<0.5	<3	<3	1	0.01	0.007	<1
Reference Materials																					
STD DS10	Standard		13	147	149	352	1.7	74	12	872	2.73	45	6	64	2.4	13	7	42	1.04	0.072	15
STD OREAS45EA	Standard		2	691	17	30	<0.3	376	53	404	20.18	7	10	4	2.0	7	<3	290	0.03	0.029	7
STD OREAS901	Standard																				
STD DS10 Expected			14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029	7.06
STD OREAS901 Expected																					
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<1	3	<3	33	<0.3	1	3	468	1.63	<2	<2	27	<0.5	<3	<3	21	0.49	0.037	5
ROCK-WHI	Prep Blank		<1	3	<3	34	<0.3	<1	3	463	1.63	2	<2	18	<0.5	<3	<3	19	0.46	0.036	5

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 24, 2015

QUALITY CONTROL REPORT   WHI15000104.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
Pulp Duplicates																
1567479	Rock	3	0.04	24	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	1.1
REP 1567479	QC	3	0.04	24	<0.001	<20	0.07	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	
Reference Materials																
STD DS10	Standard	53	0.75	412	0.071	<20	0.98	0.07	0.32	3	0.28	<1	<5	6	<5	
STD OREAS45EA	Standard	869	0.09	140	0.092	<20	3.11	0.02	0.05	<2	<0.05	<1	<5	31	82	
STD OREAS901	Standard															392.3
STD DS10 Expected		54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected		849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78	
STD OREAS901 Expected																363
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank															<0.5
Prep Wash																
ROCK-WHI	Prep Blank	2	0.42	61	0.061	<20	0.81	0.06	0.08	<2	<0.05	<1	<5	6	<5	0.7
ROCK-WHI	Prep Blank	2	0.43	49	0.058	<20	0.78	0.06	0.07	<2	<0.05	1	<5	6	<5	1.3

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Submitted By:	Jim Christie
Receiving Lab:	Canada-Whitehorse
Received:	July 23, 2015
Report Date:	August 19, 2015
Page:	1 of 3

CERTIFICATE OF ANALYSIS WHI15000103.1

CLIENT JOB INFORMATION

Project:	KATE
Shipment ID:	
P.O. Number	
Number of Samples:	34

SAMPLE DISPOSAL

RTRN-PLP	Return
RTRN-RJT	Return

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	34	Dry at 60C			WHI
SS80	34	Dry at 60C sieve 100g to -80 mesh			WHI
SVRJT	34	Save all or part of Soil Reject			WHI
AQ300	34	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ130	34	Acid digest, Au by ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Gimlex Enterprises Ltd.
Box 660
Dawson City YT Y0B 1G0
Canada

CC: Tara Christie

BRITISH COLUMBIA CERTIFIED ASSAYER
Marcus Lau
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

CERTIFICATE OF ANALYSIS WHI15000103.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
1566317	Soil	<1	64	49	123	0.3	11	32	1365	4.68	11	<2	8	0.7	<3	<3	56	0.05	0.048	13	9
1566321	Soil	<1	15	26	165	0.4	6	5	382	2.47	14	4	5	0.6	<3	3	23	0.10	0.055	5	10
1566322	Soil	<1	60	67	129	0.7	15	26	1668	4.99	4	3	9	1.3	<3	3	91	0.33	0.095	16	15
1566355	Soil	<1	38	7	68	0.6	36	9	333	3.05	70	<2	16	<0.5	<3	<3	40	0.24	0.094	5	30
1566392	Soil	<1	14	24	51	<0.3	12	5	307	2.24	84	13	12	<0.5	<3	<3	15	0.16	0.038	31	10
1566398	Soil	<1	34	13	71	0.3	31	11	331	2.96	102	3	15	<0.5	<3	<3	49	0.19	0.026	13	38
1566462	Soil	<1	57	13	123	0.5	69	19	568	3.34	146	4	7	<0.5	<3	<3	30	0.10	0.045	7	56
1566468	Soil	<1	63	26	80	0.8	23	15	719	4.56	63	4	9	<0.5	<3	<3	68	0.13	0.011	38	23
1566471	Soil	3	14	16	71	<0.3	9	3	149	3.54	80	2	7	<0.5	<3	<3	25	0.05	0.058	6	16
1566472	Soil	2	63	83	216	0.3	30	10	802	3.64	130	8	17	0.7	<3	<3	36	0.15	0.046	37	27
1566496	Soil	<1	49	153	254	0.5	29	9	382	2.95	82	3	8	<0.5	<3	<3	33	0.13	0.043	9	29
1566497	Soil	<1	82	239	229	0.8	26	12	737	4.09	21	10	11	<0.5	<3	<3	48	0.17	0.035	23	32
1566955	Soil	<1	39	18	79	<0.3	35	11	320	3.68	110	6	5	<0.5	<3	4	46	0.05	0.021	19	43
1566961	Soil	1	43	21	89	1.1	35	19	633	4.11	102	7	14	<0.5	<3	<3	55	0.29	0.074	18	49
1567252	Soil	<1	40	10	69	0.6	42	13	498	2.88	125	<2	10	<0.5	<3	<3	33	0.20	0.077	4	26
1567257	Soil	<1	32	<3	62	<0.3	31	7	280	2.45	66	3	12	<0.5	<3	<3	40	0.23	0.035	11	31
1567258	Soil	<1	30	13	61	0.3	29	11	344	2.45	53	3	14	<0.5	<3	<3	42	0.24	0.039	11	29
1567270	Soil	<1	54	94	276	0.8	27	25	540	2.90	19	3	14	1.4	<3	<3	36	0.29	0.076	12	53
1567271	Soil	<1	88	14	191	0.7	11	17	841	4.07	19	<2	10	1.6	<3	<3	50	0.48	0.084	6	10
1567275	Soil	<1	25	11	65	0.5	25	10	326	3.36	176	3	9	<0.5	<3	<3	67	0.09	0.024	13	33
1567276	Soil	1	31	16	69	0.3	30	11	374	3.30	444	6	8	<0.5	<3	<3	55	0.09	0.032	14	30
1567277	Soil	1	36	26	65	<0.3	30	13	385	3.22	186	9	10	<0.5	<3	<3	54	0.10	0.023	26	29
1567365	Soil	<1	53	32	457	0.4	28	17	577	3.65	15	3	8	0.9	<3	<3	45	0.10	0.021	9	28
1567369	Soil	1	69	160	239	1.0	35	10	1084	3.57	114	8	37	0.8	<3	<3	17	0.20	0.110	12	18
1567371	Soil	2	25	20	75	0.5	28	7	308	2.60	135	<2	11	<0.5	<3	<3	38	0.15	0.064	13	30
1567380	Soil	<1	26	67	62	<0.3	23	10	386	2.67	79	5	30	<0.5	<3	<3	41	0.45	0.069	20	28
1567381	Soil	2	33	18	73	<0.3	22	11	353	3.42	93	6	6	<0.5	<3	<3	49	0.06	0.019	18	24
1567383	Soil	1	24	24	58	<0.3	19	8	341	3.23	206	3	11	<0.5	<3	<3	61	0.10	0.032	13	27
1567390	Soil	<1	5	125	104	0.4	11	4	1528	1.49	5	12	8	0.6	<3	<3	13	0.38	0.090	20	10
1567392	Soil	<1	34	121	156	0.5	23	7	380	2.92	15	5	3	<0.5	<3	<3	26	0.05	0.033	6	21

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

CERTIFICATE OF ANALYSIS WHI15000103.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1566317	Soil	2.01	156	0.010	<20	2.49	<0.01	0.02	<2	<0.05	<1	<5	8	7	19.0
1566321	Soil	0.47	74	0.025	<20	1.08	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	15.4
1566322	Soil	2.17	127	0.011	<20	2.83	<0.01	0.01	<2	<0.05	<1	<5	9	13	9.3
1566355	Soil	0.65	221	0.041	<20	1.26	<0.01	0.06	<2	<0.05	<1	<5	<5	<5	36.4
1566392	Soil	0.45	278	0.041	<20	1.12	<0.01	0.31	<2	<0.05	<1	<5	<5	6	8.3
1566398	Soil	0.76	321	0.039	<20	1.62	<0.01	0.04	<2	<0.05	<1	<5	6	5	8.1
1566462	Soil	1.26	157	0.006	<20	1.72	<0.01	0.05	<2	<0.05	<1	<5	6	<5	1.4
1566468	Soil	1.35	423	0.021	<20	2.80	<0.01	0.05	<2	<0.05	<1	<5	8	11	5.8
1566471	Soil	0.28	128	0.010	<20	0.92	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	2.0
1566472	Soil	0.17	645	0.015	<20	0.68	<0.01	0.06	<2	<0.05	<1	<5	<5	8	2.4
1566496	Soil	0.80	298	0.014	<20	1.77	<0.01	0.05	<2	<0.05	<1	<5	6	<5	17.1
1566497	Soil	1.19	320	0.027	<20	2.52	<0.01	0.06	<2	<0.05	<1	<5	8	6	3.9
1566955	Soil	1.06	154	0.017	<20	2.20	<0.01	0.02	<2	<0.05	<1	<5	7	5	0.6
1566961	Soil	2.04	248	0.016	<20	2.34	<0.01	0.05	<2	<0.05	<1	<5	8	10	3.1
1567252	Soil	0.50	223	0.028	<20	1.32	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	5.3
1567257	Soil	0.70	201	0.046	<20	1.30	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	6.3
1567258	Soil	0.67	209	0.058	<20	1.42	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	6.9
1567270	Soil	1.22	190	0.014	<20	1.47	<0.01	0.04	<2	0.13	<1	<5	5	<5	16.8
1567271	Soil	1.35	64	0.021	<20	2.04	<0.01	0.03	<2	<0.05	<1	<5	7	5	9.7
1567275	Soil	1.31	173	0.071	<20	2.33	<0.01	0.03	<2	<0.05	<1	<5	9	6	1.7
1567276	Soil	1.34	154	0.040	<20	2.33	<0.01	0.04	<2	<0.05	<1	<5	8	<5	2.4
1567277	Soil	1.12	336	0.075	<20	2.23	<0.01	0.04	<2	<0.05	<1	<5	6	6	3.2
1567365	Soil	0.95	232	0.033	<20	1.94	<0.01	0.04	<2	<0.05	<1	<5	5	<5	5.5
1567369	Soil	1.28	122	0.045	<20	1.13	<0.01	0.13	<2	0.13	<1	<5	<5	<5	2.7
1567371	Soil	0.45	211	0.013	<20	1.14	<0.01	0.05	<2	<0.05	<1	<5	5	<5	2.4
1567380	Soil	0.87	369	0.032	<20	1.52	<0.01	0.05	<2	<0.05	<1	<5	5	<5	2.6
1567381	Soil	1.24	183	0.039	<20	2.18	<0.01	0.04	<2	<0.05	<1	<5	7	<5	26.5
1567383	Soil	0.82	225	0.051	<20	1.99	<0.01	0.04	<2	<0.05	<1	<5	7	<5	3.7
1567390	Soil	1.23	116	0.002	<20	1.18	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	<0.5
1567392	Soil	0.85	145	0.012	<20	1.78	<0.01	0.02	<2	<0.05	<1	<5	5	<5	3.3

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BUREAU VERITAS
MINERAL LABORATORIES
Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

CERTIFICATE OF ANALYSIS WHI15000103.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
1567446	Soil	1	32	11	79	0.5	22	6	330	3.84	835	4	14	<0.5	5	<3	55	0.06	0.038	22	26
1567484	Soil	<1	28	22	83	<0.3	22	10	420	3.23	91	8	10	<0.5	<3	<3	35	0.15	0.051	23	22
1567491	Soil	<1	32	26	87	<0.3	24	12	464	3.54	77	5	15	<0.5	<3	<3	48	0.11	0.042	18	27
1567799	Soil	<1	38	8	80	<0.3	28	9	349	3.14	94	7	6	<0.5	<3	<3	42	0.07	0.029	26	28

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Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

CERTIFICATE OF ANALYSIS WHI15000103.1

Method		AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
Analyte		Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
Unit		%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
MDL		0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
1567446	Soil	1.45	234	0.026	<20	2.31	<0.01	0.06	<2	<0.05	<1	<5	8	<5	<0.5
1567484	Soil	1.28	258	0.044	<20	1.85	<0.01	0.07	<2	<0.05	<1	<5	7	6	30.9
1567491	Soil	1.50	257	0.030	<20	2.08	<0.01	0.06	<2	<0.05	<1	<5	8	<5	3.6
1567799	Soil	1.47	106	0.046	<20	1.93	<0.01	0.04	<2	<0.05	<1	<5	7	<5	27.3

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PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

QUALITY CONTROL REPORT   WHI15000103.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm
	MDL	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1	1
Pulp Duplicates																					
1566955	Soil	<1	39	18	79	<0.3	35	11	320	3.68	110	6	5	<0.5	<3	4	46	0.05	0.021	19	43
REP 1566955	QC	<1	39	15	79	<0.3	35	10	323	3.72	110	4	5	<0.5	<3	<3	46	0.04	0.020	19	42
1567383	Soil	1	24	24	58	<0.3	19	8	341	3.23	206	3	11	<0.5	<3	<3	61	0.10	0.032	13	27
REP 1567383	QC																				
Reference Materials																					
STD DS10	Standard	14	159	160	378	1.9	73	12	917	2.77	51	7	66	2.3	7	14	42	1.08	0.077	15	51
STD OREAS45EA	Standard	<1	719	14	31	0.9	414	51	438	23.90	9	11	4	<0.5	6	<3	314	0.03	0.031	6	907
STD OREAS901	Standard																				
STD OREAS901	Standard																				
STD OREAS901 Expected																					
STD DS10 Expected		14.69	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	43.7	7.5	67.1	2.49	8.23	11.65	43	1.0625	0.073	17.5	54.6
STD OREAS45EA Expected		1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029	7.06	849
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1	<1

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

www.bureauveritas.com/um

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: August 19, 2015

QUALITY CONTROL REPORT WHI15000103.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
Pulp Duplicates															
1566955	Soil	1.06	154	0.017	<20	2.20	<0.01	0.02	<2	<0.05	<1	<5	7	5	0.6
REP 1566955	QC	1.07	155	0.018	<20	2.22	<0.01	0.02	<2	<0.05	<1	<5	8	5	
1567383	Soil	0.82	225	0.051	<20	1.99	<0.01	0.04	<2	<0.05	<1	<5	7	<5	3.7
REP 1567383	QC														2.5
Reference Materials															
STD DS10	Standard	0.79	437	0.075	<20	1.03	0.06	0.35	3	0.28	<1	<5	<5	<5	
STD OREAS45EA	Standard	0.09	153	0.101	<20	3.31	0.02	0.05	<2	<0.05	<1	<5	14	87	
STD OREAS901	Standard														333.6
STD OREAS901	Standard														345.0
STD OREAS901 Expected															363
STD DS10 Expected		0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected		0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78	
BLK	Blank														<0.5
BLK	Blank														<0.5
BLK	Blank	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	

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9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Submitted By:	Tara Christie
Receiving Lab:	Canada-Whitehorse
Received:	October 05, 2015
Report Date:	November 05, 2015
Page:	1 of 3

CERTIFICATE OF ANALYSIS WHI15000220.1

CLIENT JOB INFORMATION

Project:	KATE
Shipment ID:	
P.O. Number	
Number of Samples:	35

SAMPLE DISPOSAL

PICKUP-PLP	Client to Pickup Pulps
PICKUP-RJT	Client to Pickup Rejects

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	35	Crush, split and pulverize 250 g rock to 200 mesh			WHI
AQ300	35	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
AQ130-IGN	35	Ignite samples, acid digest, Au by ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Gimlex Enterprises Ltd.
Box 660
Dawson City YT Y0B 1G0
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Geochemical Laboratory Manager

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All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

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Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver BC V6P 6E5 CANADA
PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: November 05, 2015

CERTIFICATE OF ANALYSIS WHI15000220.1

	Method	WGHT	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
KR1	Rock	0.25	<1	3	<3	3	<0.3	1	<1	121	0.32	<2	<2	<1	<0.5	<3	<3	<1	<0.01	0.001	<1
KR2	Rock	0.83	2	33	14	76	<0.3	13	4	106	3.70	24	3	5	<0.5	<3	<3	13	0.02	0.058	5
KR3	Rock	0.12	<1	5	24	23	<0.3	2	<1	93	0.71	510	8	2	<0.5	<3	<3	<1	<0.01	0.005	19
KR4	Rock	0.13	<1	3	<3	14	<0.3	3	3	222	0.95	748	<2	<1	<0.5	<3	<3	1	<0.01	0.007	3
KR5	Rock	0.20	<1	7	9	24	0.4	4	4	502	0.52	24	<2	4	<0.5	<3	<3	2	0.05	0.022	2
KR6	Rock	0.23	2	14	6	26	0.7	4	1	35	2.19	66	<2	9	<0.5	7	<3	4	<0.01	0.050	4
KR7	Rock	0.79	<1	4	26	25	<0.3	1	2	186	0.64	5	5	2	<0.5	<3	<3	<1	<0.01	0.007	6
KR8	Rock	0.60	2	26	17	50	<0.3	4	3	72	8.91	83	3	14	<0.5	<3	<3	12	0.01	0.169	5
KR9	Rock	5.65	<1	4	34	6	0.5	1	<1	39	0.81	429	<2	5	<0.5	<3	<3	<1	0.01	0.013	2
KR10	Rock	0.42	<1	7	106	48	0.8	3	2	301	0.57	116	<2	<1	<0.5	<3	<3	<1	<0.01	0.003	2
KR11	Rock	0.37	<1	6	18	23	<0.3	3	2	184	0.73	31	<2	<1	<0.5	<3	<3	<1	<0.01	0.006	2
KR12	Rock	0.28	<1	13	31	48	<0.3	3	<1	265	1.60	20	3	5	<0.5	<3	<3	14	0.02	0.029	7
KR13	Rock	0.31	<1	10	9	78	<0.3	31	24	1516	1.37	13	<2	3	1.0	<3	<3	10	0.03	0.014	6
KR14	Rock	0.31	<1	5	10	19	<0.3	1	<1	39	0.56	16	7	1	<0.5	<3	<3	<1	<0.01	0.002	4
KR15	Rock	0.35	1	33	113	64	<0.3	3	2	224	2.78	17	<2	13	<0.5	<3	<3	13	0.02	0.044	6
KR16	Rock	0.36	<1	6	43	12	<0.3	1	<1	70	0.68	4	7	2	<0.5	<3	<3	1	<0.01	0.007	3
KR17	Rock	0.28	<1	2	<3	4	<0.3	1	<1	31	0.46	3	<2	<1	<0.5	<3	<3	<1	<0.01	0.004	<1
KR18	Rock	0.27	<1	2	575	2	14.7	1	<1	28	0.62	21	<2	2	<0.5	<3	12	<1	<0.01	0.004	<1
KR19	Rock	0.31	<1	6	8	6	<0.3	2	<1	33	0.83	5	<2	3	<0.5	<3	<3	<1	<0.01	0.012	2
KR20	Rock	0.33	<1	6	19	19	<0.3	7	5	607	0.72	4	3	3	<0.5	<3	<3	<1	0.06	0.031	9
KR21	Rock	3.44	<1	9	18	15	<0.3	5	3	384	0.79	3	2	4	<0.5	<3	<3	<1	0.07	0.035	8
KR22	Rock	0.33	<1	10	9	39	<0.3	12	29	2303	0.96	4	<2	3	<0.5	<3	<3	3	<0.01	0.011	2
KR23A	Rock	0.24	<1	8	23	15	0.5	3	1	112	0.50	3	<2	5	<0.5	<3	<3	1	0.03	0.016	2
KR23B	Rock	0.35	<1	5	<3	13	<0.3	5	4	434	0.59	6	<2	2	<0.5	<3	<3	<1	0.05	0.007	<1
KR24A	Rock	0.33	<1	3	27	6	0.6	<1	<1	27	0.51	3	<2	1	<0.5	<3	<3	<1	<0.01	0.004	<1
KR24B	Rock	0.40	<1	4	20	23	<0.3	<1	1	83	0.52	4	4	2	<0.5	<3	<3	<1	<0.01	0.004	<1
KR25	Rock	2.56	<1	9	<3	35	<0.3	28	5	204	1.22	8	<2	7	<0.5	<3	<3	10	0.15	0.043	3
KR26A	Rock	0.29	<1	13	7	35	<0.3	10	3	172	0.92	11	<2	2	<0.5	<3	<3	5	0.05	0.016	2
KR26B	Rock	0.34	<1	6	4	7	<0.3	6	6	237	0.69	<2	<2	<1	<0.5	<3	<3	3	0.02	0.012	<1
KR27	Rock	0.30	<1	5	7	13	<0.3	6	4	326	0.71	2	<2	2	<0.5	<3	<3	4	0.08	0.036	4

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Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: November 05, 2015

CERTIFICATE OF ANALYSIS WHI15000220.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
KR1	Rock	1	<0.01	17	<0.001	<20	0.02	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	1.3
KR2	Rock	21	0.39	117	0.001	<20	0.68	0.01	0.11	<2	<0.05	<1	<5	<5	<5	9.2
KR3	Rock	3	<0.01	174	<0.001	<20	0.15	0.03	0.13	<2	<0.05	<1	<5	<5	<5	35.9
KR4	Rock	5	<0.01	62	<0.001	<20	0.06	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	2.7
KR5	Rock	4	0.06	47	<0.001	<20	0.09	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	4.5
KR6	Rock	8	0.06	69	<0.001	<20	0.19	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	2.6
KR7	Rock	3	<0.01	203	0.001	<20	0.16	0.02	0.13	<2	<0.05	<1	<5	<5	<5	1.1
KR8	Rock	22	0.02	100	0.001	<20	0.29	<0.01	0.08	<2	<0.05	<1	<5	<5	<5	2.8
KR9	Rock	2	<0.01	28	<0.001	<20	0.03	0.01	0.01	<2	0.09	<1	<5	<5	<5	6.3
KR10	Rock	2	<0.01	51	<0.001	<20	0.07	0.01	0.04	<2	<0.05	<1	<5	<5	<5	4.3
KR11	Rock	<1	<0.01	25	<0.001	<20	0.05	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	6.9
KR12	Rock	16	1.13	111	0.002	<20	0.98	<0.01	0.13	<2	<0.05	<1	<5	<5	<5	<0.5
KR13	Rock	6	0.49	82	<0.001	<20	0.50	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	<0.5
KR14	Rock	4	<0.01	187	<0.001	<20	0.17	0.04	0.15	<2	<0.05	<1	<5	<5	<5	<0.5
KR15	Rock	14	0.88	114	0.004	<20	0.84	<0.01	0.12	<2	<0.05	<1	<5	<5	<5	1.1
KR16	Rock	3	0.01	103	0.001	<20	0.14	0.02	0.10	<2	<0.05	<1	<5	<5	<5	1.7
KR17	Rock	3	0.01	17	<0.001	<20	0.04	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	2.5
KR18	Rock	2	<0.01	34	<0.001	<20	0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	6.3
KR19	Rock	4	<0.01	13	<0.001	<20	0.05	<0.01	0.01	<2	<0.05	<1	<5	<5	<5	<0.5
KR20	Rock	2	<0.01	74	<0.001	<20	0.09	0.02	0.05	<2	<0.05	<1	<5	<5	<5	1.4
KR21	Rock	4	<0.01	56	0.001	<20	0.12	0.05	0.04	<2	<0.05	<1	<5	<5	<5	4.0
KR22	Rock	6	0.23	74	0.001	<20	0.33	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	2.0
KR23A	Rock	3	0.19	177	0.001	<20	0.18	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	3.4
KR23B	Rock	4	<0.01	25	<0.001	<20	0.03	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	<0.5
KR24A	Rock	2	<0.01	39	<0.001	<20	0.02	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	0.7
KR24B	Rock	2	<0.01	80	0.001	<20	0.12	0.02	0.16	<2	<0.05	<1	<5	<5	<5	0.5
KR25	Rock	14	0.33	112	0.048	<20	0.49	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	0.9
KR26A	Rock	7	0.30	72	0.020	<20	0.34	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	7.1
KR26B	Rock	5	0.10	30	0.002	<20	0.15	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	<0.5
KR27	Rock	5	0.28	45	0.002	<20	0.33	<0.01	0.04	<2	<0.05	<1	<5	<5	<5	0.7

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Bureau Veritas Commodities Canada Ltd.

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PHONE (604) 253-3158

Client: **Gimlex Enterprises Ltd.**
Box 660
Dawson City YT Y0B 1G0 Canada

Project: KATE
Report Date: November 05, 2015

CERTIFICATE OF ANALYSIS WHI15000220.1

	Method	WGHT	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
KR29	Rock	0.26	<1	2	9	17	<0.3	4	3	191	0.78	<2	<2	1	<0.5	<3	<3	5	0.04	0.022	1
KR30	Rock	4.05	3	67	11	37	<0.3	26	5	176	5.51	4	2	6	<0.5	<3	<3	26	0.01	0.085	3
KR31	Rock	0.29	<1	1	<3	3	<0.3	<1	<1	28	0.35	<2	<2	<1	<0.5	<3	<3	<1	<0.01	0.002	2
KR28	Rock	0.30	<1	4	8	17	<0.3	3	2	145	0.73	12	<2	2	<0.5	<3	<3	4	0.08	0.030	<1
KR32	Rock	0.50	<1	2	<3	15	<0.3	4	2	166	0.81	<2	<2	<1	<0.5	<3	<3	7	0.07	0.027	<1

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Project: KATE
Report Date: November 05, 2015

CERTIFICATE OF ANALYSIS WHI15000220.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
KR29	Rock	5	0.40	27	0.001	<20	0.39	<0.01	0.03	<2	<0.05	<1	<5	<5	<5	1.7
KR30	Rock	59	0.46	82	0.089	<20	0.49	<0.01	0.07	<2	<0.05	<1	<5	<5	<5	1.2
KR31	Rock	3	<0.01	24	<0.001	<20	0.05	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	<0.5
KR28	Rock	6	0.29	11	0.022	<20	0.33	0.03	0.01	<2	<0.05	<1	<5	<5	<5	0.8
KR32	Rock	8	0.34	25	0.010	<20	0.38	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	0.6

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Client: **Gimlex Enterprises Ltd.**
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Project: KATE
Report Date: November 05, 2015

QUALITY CONTROL REPORT   WHI15000220.1

	Method	WGHT	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.01	1	1	3	1	0.3	1	1	2	0.01	2	2	1	0.5	3	3	1	0.01	0.001	1
Pulp Duplicates																					
KR17	Rock	0.28	<1	2	<3	4	<0.3	1	<1	31	0.46	3	<2	<1	<0.5	<3	<3	<1	<0.01	0.004	<1
REP KR17	QC		<1	2	<3	4	<0.3	2	<1	31	0.47	3	<2	<1	<0.5	<3	<3	<1	<0.01	0.004	<1
KR23A	Rock	0.24	<1	8	23	15	0.5	3	1	112	0.50	3	<2	5	<0.5	<3	<3	1	0.03	0.016	2
REP KR23A	QC																				
Core Reject Duplicates																					
KR24B	Rock	0.40	<1	4	20	23	<0.3	<1	1	83	0.52	4	4	2	<0.5	<3	<3	<1	<0.01	0.004	<1
DUP KR24B	QC		<1	4	20	23	<0.3	<1	1	82	0.51	4	4	2	<0.5	<3	<3	<1	<0.01	0.004	<1
Reference Materials																					
STD DS10	Standard		14	152	145	370	1.7	72	11	894	2.87	46	9	64	2.4	8	11	42	1.07	0.076	15
STD DS10	Standard		13	152	155	378	2.1	73	13	928	2.78	46	6	66	2.5	8	11	42	1.09	0.076	15
STD OREAS45EA	Standard		2	708	13	29	0.5	392	54	402	21.83	7	12	4	<0.5	6	<3	308	0.03	0.030	7
STD OREAS45EA	Standard		1	709	14	28	0.4	394	57	427	22.31	7	6	4	<0.5	<3	<3	316	0.04	0.030	7
STD OREAS901	Standard																				
STD OREAS901	Standard																				
STD DS10 Expected			13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OREAS45EA Expected			1.6	709	14.3	31.4	0.26	381	52	400	23.51	10	10.7	3.5				303	0.036	0.029	7.06
STD OREAS901 Expected																					
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank		<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<2	<1	<0.5	<3	<3	<1	<0.01	<0.001	<1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
ROCK-WHI	Prep Blank		<1	3	<3	30	<0.3	<1	3	443	1.67	<2	<2	19	<0.5	<3	<3	19	0.60	0.037	4
ROCK-WHI	Prep Blank		<1	2	<3	29	<0.3	<1	4	456	1.82	<2	<2	20	<0.5	<3	<3	22	0.56	0.040	5

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Project: KATE
Report Date: November 05, 2015

QUALITY CONTROL REPORT WHI15000220.1

	Method	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ300	AQ130
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	Hg	Tl	Ga	Sc	Au
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppb
	MDL	1	0.01	1	0.001	20	0.01	0.01	0.01	2	0.05	1	5	5	5	0.5
Pulp Duplicates																
KR17	Rock	3	0.01	17	<0.001	<20	0.04	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	2.5
REP KR17	QC	4	0.01	18	<0.001	<20	0.04	<0.01	0.02	<2	<0.05	<1	<5	<5	<5	
KR23A	Rock	3	0.19	177	0.001	<20	0.18	<0.01	0.05	<2	<0.05	<1	<5	<5	<5	3.4
REP KR23A	QC															3.3
Core Reject Duplicates																
KR24B	Rock	2	<0.01	80	0.001	<20	0.12	0.02	0.16	<2	<0.05	<1	<5	<5	<5	0.5
DUP KR24B	QC	2	<0.01	80	0.001	<20	0.12	0.02	0.16	<2	<0.05	<1	<5	<5	<5	<0.5
Reference Materials																
STD DS10	Standard	52	0.77	430	0.073	<20	1.01	0.07	0.34	2	0.29	<1	<5	7	<5	
STD DS10	Standard	54	0.79	430	0.075	<20	1.02	0.07	0.33	2	0.29	<1	<5	<5	<5	
STD OREAS45EA	Standard	924	0.10	151	0.096	<20	3.21	0.03	0.06	<2	<0.05	<1	<5	22	87	
STD OREAS45EA	Standard	901	0.10	149	0.100	<20	3.24	0.02	0.05	<2	<0.05	<1	<5	21	83	
STD OREAS901	Standard															385.1
STD OREAS901	Standard															311.6
STD DS10 Expected		54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.29	0.3	5.1	4.3	2.8	
STD OREAS45EA Expected		849	0.095	148	0.0984		3.13	0.02	0.053		0.036			12.4	78	
STD OREAS901 Expected																363
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank	<1	<0.01	<1	<0.001	<20	<0.01	<0.01	<0.01	<2	<0.05	<1	<5	<5	<5	
BLK	Blank															<0.5
BLK	Blank															<0.5
Prep Wash																
ROCK-WHI	Prep Blank	2	0.43	43	0.054	<20	0.84	0.04	0.06	<2	<0.05	<1	<5	<5	<5	<0.5
ROCK-WHI	Prep Blank	2	0.45	46	0.062	<20	0.84	0.05	0.06	<2	<0.05	<1	<5	<5	<5	<0.5

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Appendix 10: Geologist's Certificate

GEOLOGISTS CERTIFICATE

I, Paul D. Gray, P. Geo., do hereby certify:

THAT I am a Professional Geoscientist with offices at 302 – 309 Strickland Street, Whitehorse, YT Y1A 2J9

THAT I am an author of the Technical Report entitled "2015 Geochemical Report on the Kate Project" and dated January 15, 2016, relating to the Kate Property (the "Assessment Report"). I personally oversaw the entirety of the Kate 2015 Program in the field.

THAT I am a member in good standing (#29833) of the Association of Professional Engineers and Geoscientists of British Columbia.

THAT I am a graduate of Dalhousie University, Halifax, in the Province of Nova Scotia, with a Bachelor of Science degree (Honours) in Earth Sciences

THAT I have practised my profession as an exploration geologist in the mineral exploration industry continuously since 1997. I have worked on base, precious and industrial metals exploration projects as a geologist in Canada, the United States of America, Asia, and South and Central America.

THAT I am the Principal of PDG Geological Consultants

THAT I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

Dated at Vancouver, British Columbia, this 15th day of January, 2016.

Paul D. Gray, P. Geo.