

# **2012 Soil Geochemistry Program**

**on the**

## **Bradshaw Property**

Hedley Mining Camp,  
Southwestern British Columbia

(N.T.S. 82E/05W),

Osoyoos Mining Division, Southwestern British Columbia,

Latitude 49° 18' 31" N, Longitude 119° 55' 34" W

for

**C. J. Greig and B. Kreft (Owners)**

by

J.D. Rowe (B.Sc.), C.J. Greig (M.Sc. P.Geo) and R.E. Greig (B.Sc.)

February 21, 2013

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## **1.0 Summary and Recommendations**

The Bradshaw property encompasses a broad, east-northeast trending, geochemically anomalous belt with the potential to locally host an intrusive-related, bulk tonnage gold deposit of stockwork style mineralization hosted by deep-water sedimentary and volcanic rocks, and by the intrusions that drove the system. The property has previously demonstrated the ability to host both high-grade multi-ounce vein mineralization, as well as broad widths of supportive lower grade material, encountered in historic underground workings of limited extent, as well as in small pits and trenches. These have been tested by a limited amount of drilling, concentrated within one small area.

The Bradshaw property is located in one of British Columbia's leading gold-producing camps, the Hedley mining camp, in which active mineral exploration is still under way. The camp is close to well-developed infrastructure, and the property is road accessible.

Plenty of scope for exploration remains on the property, in particular along the two kilometre-long belt hosting previously-known occurrences. Within that belt are a number of broad multi-element soil geochemical anomalies of excellent tenor, many of which are open and untested. Induced Polarization surveys along the belt have defined areas of high chargeability and resistivity that often coincide with the geochemical anomalies and hence, may be recording the effects of disseminated sulphide minerals and silica alteration. The various gold occurrences are commonly associated with dioritic intrusions that bear similarities to the mineralizing intrusions at the nearby Nickel Plate mine; signifying that mineralization within the belt is probably part of a single, broad magmatic-hydrothermal system.

The 2012 program included soil geochemical sampling and analytical work, as well as evaluation of results and report preparation. The cost of this work totalled \$14,110 and was applied (along with PAC withdrawal from the account of C.J.Greig) to extend the expiry dates on all claims to September 1, 2015. The work was applied in two events; Event Number 5395390 on July 21, 2012 and Event Number 5433089 on February 21, 2013. Statements showing the applied work are attached in Appendix V.

The 2012 soil sampling program identified a new multi-element geochemical anomaly that trends east-southeasterly for 800 metres from the known mineralized Main Zone area. There is no known history of exploration along this new trend and due to limited outcrop it is unlikely that mineral showings are exposed at surface. A secondary anomaly cuts this trend with a north-easterly orientation and the area where this trend intersects the southeast trend yielded a cluster of multi-element high values. Soil geochemistry as an exploration tool clearly works on the Bradshaw property and, although it

helps to focus exploration, it may only be a guide to the favourable altered and mineralized stratigraphy, which still needs to be tested at depth.

Additional soil sampling is recommended, to the west and southwest of the 2012 grid to trace the extent of strongly anomalous As values on the western-most line. Also, fill-in lines should be established between 200-m spaced lines on the east side of the grid, with possible lines added farther to the east, to trace anomalies identified on the wide-spaced lines that may be detecting a continuation of the recently-defined southeast trend.

Despite the lack of outcrop, the area of the new geochemical trend needs to be prospected and geologically mapped. Two aspects on which to focus are structural work and alteration mapping to better understand the controls on mineralization. Undertaking this geological work in the Main Zone area, where there is better bedrock exposure, would help to project the favourable structures or alteration zones to the southeast along the new trend.

Geophysical surveys, particularly IP, have been shown to successfully outline mineralized zones on the property and previous surveys have partly covered the new geochemical trends. Additional IP surveying may be of benefit to the south of the existing grid, in particular to trace the possible extension of the east-southeast geochemical trend. In addition, dykes and small intrusions are apparently associated with magnetometer highs and, since there is an established association between intrusive rocks and Au-bearing mineralization, it is suggested that magnetometer surveying in conjunction with IP surveying is warranted.

Upon completion of the proposed exploration work, any prospective mineralized areas should be trenched by excavator to test for the source of the anomalies. Areas of potential economic mineralization should be tested by diamond drilling.

## **2.0 Location, Access, Physiography, Climate and Vegetation**

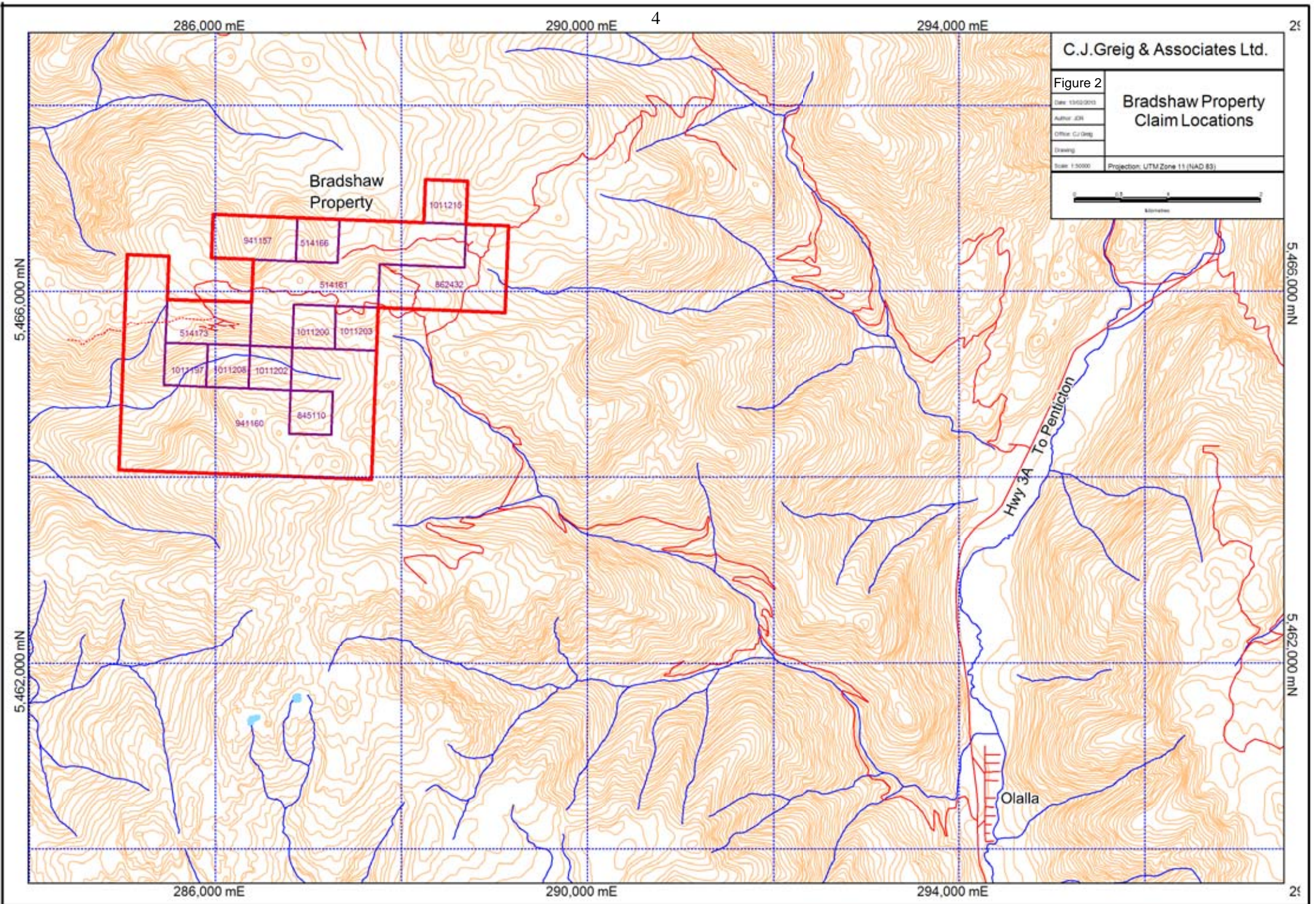
The Bradshaw Property is located approximately 300 kilometres east of Vancouver (Figure 1), and lies less than 10 kilometres southeast of the Nickel Plate/Mascot Gold Mine, which produced 2.5 million ounces Au and was British Columbia's third largest Au producer. The property is situated 8 kilometres northwest of the village of Olalla, on the headwaters of Bradshaw Creek, and is accessible from Highway 3A at Olalla, via a system of logging roads (Figure 2). A well-maintained road trends northwesterly up Olalla creek about 11 kilometres to a branch where a further 6 kilometres of rough 4x4 road connects to the property. Olalla is a small village with few services, but it is less than seven



Figure 1. Bradshaw Property Location, Southern British Columbia.

kilometres north of the town of Keremeos and about 30 minutes' drive southwest of the major centre of Penticton.

The Bradshaw property lies near the southern end of the Interior Plateau of British Columbia. The surrounding area commonly has steep slopes, but in general much of the property itself does not, mainly because it lies near the crest of the range between the valleys of Keremeos Creek on the east



286,000 mE

290,000 mE

4

294,000 mE

25

|                             |  |
|-----------------------------|--|
| C.J.Greig & Associates Ltd. |  |
| Figure 2                    | <b>Bradshaw Property<br/>Claim Locations</b> |
| Date: 13/02/2013            |  |
| Author: JN                  |  |
| Office: C.J.Greig           |  |
| Drawing:                    |  |
| Scale: 1:50000              | Projection: UTM Zone 11 (NAD 83)             |
|                             |  |

**Bradshaw  
Property**

1011218

941157

514166

514161

562432

514173

1011200

1011203

1011197

1011208

1011202

941160

845110

Hwy 3A  
To Pentiction

Olalla

5,466,000 mN

5,466,000 mN

5,462,000 mN

5,462,000 mN

286,000 mE

290,000 mE

294,000 mE

25

and the Similkameen River on the west. Total relief on the property is about 500 metres, from a low of 1600 metres in the creek valley on the west side of the property, to just over 2100 metres along an east-west trending ridge crest.

The area has a generally dry climate, with moderate winter snowfall in which snow accumulates to approximately 1.5 metres. Exploration can generally be conducted without the hindrance of snow between early June and the end of November. Vegetation on the property is characterized by open forests populated by fir, pine, balsam fir, and spruce, although open, grassy areas are common on south-facing slopes. Drainage on the property is mainly east-west, along tributaries of Bradshaw, Olalla, Winters, and Cedar creeks. The upper parts of the drainages have very limited water flow in late summer and fall, thereby making it necessary to pump water for drilling for relatively long distances, or utilize a tank truck to deliver water.

### **3.0 Claims**

The Bradshaw property consists of 13 MTO claims, totalling 822 hectares that extend generally north-easterly for about 5 km over a width of about 2 km (Figure 2). The somewhat irregular northern boundary is mostly contiguous with the southern boundary of Goldcliff Resources' large Panorama Ridge holdings. Claims covering the property were first staked by the present owners in 2003, with re-staking of some claims in June, 2005, January, 2011, July 2011, January, 2012 and July 2012. They are held in the names of both, or either, of the equal partners; John Bernard Kreft and Charles J. Greig. The claims lie in the Osoyoos Mining Division and are in good standing until September 1, 2015. The claim locations are illustrated on Figure 2 and the claims details as of February 21, 2013 are shown in Table I.

### **4.0 Regional Geologic Setting**

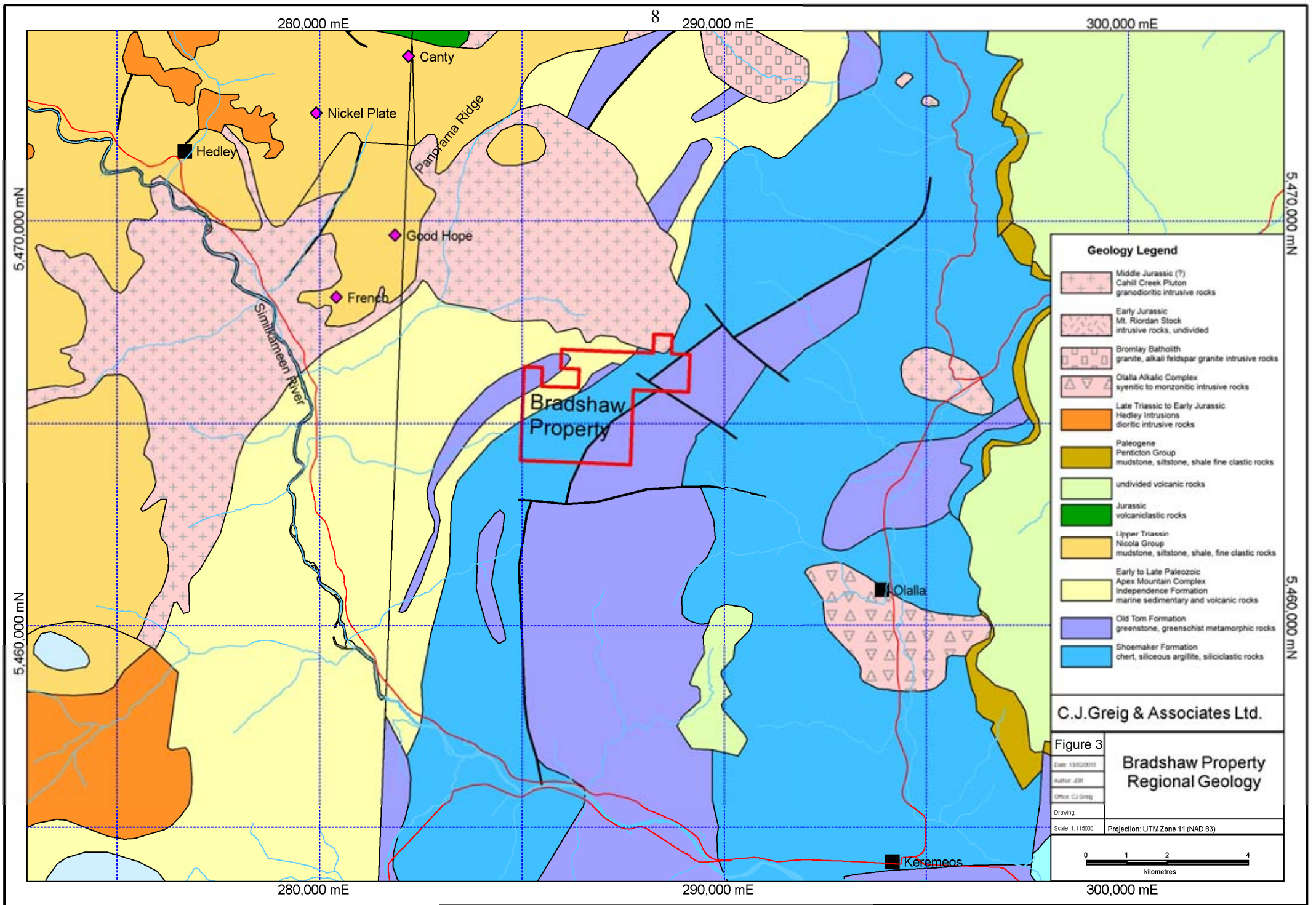
The geologic setting of the Bradshaw property area, as described by Mountjoy (1997), is mainly comprised of rocks of the Quesnel terrane, which comprise some of the oldest stratified rocks underlying much of southern British Columbia, extending from west of Princeton to as far east as the West Kootenays. The older lithologies of Quesnellia were deposited in oceanic settings and are largely Paleozoic in age, ranging to as old as Ordovician. In the immediate area of the property they are known variously as the Old Tom, Shoemaker, Bradshaw and Independence Formations, and not far to the east have been assigned to the Kobau and Anarchist Groups. All consist of marine sedimentary and volcanic, arc-related rocks, and they are typically overlain by similar marine arc-related rocks of the Upper

**Table 1. Bradshaw Property Tenures as of February 21, 2013**

| <b>Tenure Num</b> | <b>Claim Name</b>  | <b>Reg. Owner</b> | <b>Map Num</b> | <b>Issue Date</b> | <b>Good To Date</b> | <b>Area (ha)</b> |
|-------------------|--------------------|-------------------|----------------|-------------------|---------------------|------------------|
| 514161            |                    | 114661/ 143767    | 082E           | 2005/jun/08       | 2015/Sep/01         | 147.43           |
| 514166            | Herr Greeg         | 114661/ 143767    | 082E           | 2005/jun/08       | 2015/Sep/01         | 21.06            |
| 514173            |                    | 114661/ 143767    | 082E           | 2005/jun/08       | 2015/Sep/01         | 42.13            |
| 845110            | Duhfk              | 143767            | 082E           | 2011/jan/31       | 2015/Sep/01         | 21.07            |
| 862432            | Brad SE            | 114661            | 082E           | 2011/jul/01       | 2015/Sep/01         | 84.24            |
| 941157            | Brad N             | 114661/ 143767    | 082E           | 2012/jan/17       | 2015/Sep/01         | 42.12            |
| 941160            | BS                 | 143767            | 082E           | 2012/jan/17       | 2015/Sep/01         | 337.07           |
| 1011197           | Blurr              | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.07            |
| 1011200           | Rosewater          | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.06            |
| 1011202           | Black Eyed Peehole | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.07            |
| 1011203           | Ooh-Wah            | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.06            |
| 1011208           | Toffeedawg         | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.07            |
| 1011215           | Heritagetomato     | 143767            | 082E           | 2012/jul/16       | 2015/Sep/01         | 21.06            |
|                   |                    |                   |                |                   | <b>Total:</b>       | <b>821.51</b>    |

Triassic Nicola Group, which best characterize the Quesnel terrane. The Paleozoic stratified rocks form a broadly folded, east-dipping sequence that in general increases in age structurally upwards toward the east. This structural configuration in part has led to the general consensus that they formed as part of an ancient subduction complex, with progressive eastward-directed underthrusting and accretion of successively younger slices of oceanic sedimentary and volcanic rocks. The Anarchist Group, on the east, consists generally of greenschist grade (actinolite-biotite-epidote-albite or calcite-tremolite assemblages) rocks derived from a succession of deep-water marine sedimentary and basic volcanic rocks. Regional metamorphism is locally more intense in rocks of the Kobau Group (up to kyanite-sillimanite grade), which lies west of the Anarchist Group, on the west side of the southern Okanagan Valley, between it and the valley of the Similkameen River (i.e., immediately southeast of the Bradshaw property). Rocks of the Kobau Group are highly deformed, and nine mappable units, including quartzite, phyllite, mafic schist, greenstone and marble, comprise a structural succession nearly two kilometres thick (Mader et al. 1989).

The area in the immediate vicinity of the Bradshaw property was first mapped by Bostock (1940, 1941a, 1941b) (Figure 3). Bostock referred massive and ribboned chert to the Shoemaker Formation and meta-andesite (greenstone) to the Old Tom Formation. Later, Rice's (1946) mapping in the Princeton area to the west concluded that the Shoemaker and Old Tom Formations, along with Bostock's Bradshaw and Independence Formations, could not be readily distinguished as distinct, regionally-mappable, lithologic units. Still later, Milford (1984) defined the informal Apex Mountain Group (or Apex Mountain Complex), in which he included the Old Tom, Shoemaker, Bradshaw and Independence Formations of Bostock. Milford (1984) subdivided the Apex Mountain Complex into five major lithofacies: massive and bedded chert, greenstone, chert breccia, argillite, and limestone, which he interpreted as being deposited in a deep marine setting and amalgamated in a subduction complex environment. Microfaunal ages from chert of the Shoemaker Formation provide unambiguous mid-Carboniferous ages, but much older, Late Devonian (Famennian) ages have been obtained from radiolarian and conodont fauna collected and extracted from chert, and Ordovician and Triassic (Middle to Late Triassic, Ladinian-Carnian) conodonts have been extracted from limestone collected near Olalla. Together with the interpreted depositional environment, this wide range in ages (as much, or more than 200 Ma) suggests that the Apex Mountain Complex may represent the remnants of a broad ocean basin, and the conspicuous absence of Permian and Lower Triassic microfossils has been suggested to indicate a period when rocks of that basin were fully subducted. The youngest Apex Mountain Group rocks and



**Geology Legend**

|  |  |
|--|--|
|  | Middle Jurassic (?) Cahill Creek Pluton granodioritic intrusive rocks                                      |
|  | Early Jurassic Mt. Riordan Stock intrusive rocks, undivided  |
|  | Bromley Batholith granite, alkali feldspar granite intrusive rocks   |
|  | Olalla Alkalic Complex syenitic to monzonitic intrusive rocks  |
|  | Late Triassic to Early Jurassic Hedley Intrusions dioritic intrusive rocks                                 |
|  | Paleogene Perlicton Group mudstone, siltstone, shale fine clastic rocks                                    |
|  | undivided volcanic rocks   |
|  | Jurassic volcanidastic rocks   |
|  | Upper Triassic Nicola Group mudstone, siltstone, shale, fine clastic rocks                                 |
|  | Early to Late Paleozoic Apex Mountain Complex Independence Formation marine sedimentary and volcanic rocks |
|  | Old Tom Formation greenstone, greenschist metamorphic rocks  |
|  | Shoemaker Formation chert, siliceous argillite, siliciclastic rocks  |

**C.J.Greig & Associates Ltd.**

**Figure 3**

Bradshaw Property Regional Geology

Date: 19/02/2013  
 Author: JSM  
 Drawn: C.J.Greig

Scale: 1:115000      Projection: UTM Zone 11 (NAD 83)

0 1 2 4  
 kilometres

oldest Nicola Group rocks are interpreted to represent a transitional succession between the Apex Mountain complex ocean basin environment and the Nicola Group (Quesnellian) arc environment, based on their marked similarity in lithologies and spatial distribution and orientation. However, Ray and Dawson (1994) note that the relationship between the Apex Mountain Complex and Nicola Group remains uncertain. Ray and Dawson (1994) suggest that the oldest part of the Nicola Group immediate to the Nickel Plate mine, which consists of mafic tuff and minor flows, limestone, and chert pebble conglomerate, and which they termed the “Oregon Claims Formation,” may represent the equivalent to the Apex Mountain Complex. However, they also note that the Triassic stratified rocks that are immediate hosts to most of the mineralization in the Hedley District are separated from rocks of the Apex Mountain Complex by intrusive rocks (Cahill Creek and Lookout Ridge plutons, and/or the Mt. Riordan stock), or by faults (possible northeastward extensions of the Cahill Creek fault system, Ray and Dawson 1994).

The Paleozoic and early Mesozoic stratified rocks of Quesnellia in this part of southern British Columbia have been intruded by a significant number of intrusive rocks, many of which, such as the Late Triassic to Early Jurassic Hedley intrusions at the Nickel Plate mine, are spatially as well as genetically related to mineralization. Most of the larger-scale intrusive bodies appear to be of Late Triassic to Middle or perhaps Late Jurassic in age and are composite intrusions, the internal phases of which remain incompletely defined and/or accurately dated. This is certainly the case for at least parts of the very large Okanagan and Similkameen batholiths, which lie ten to fifteen kilometres to the north and south, respectively, of the Hedley-Olalla area. More locally, the distributions of intrusive rocks, if not their absolute ages, are better defined, in large part because of their exploration interest. For example, the Hedley intrusions, which contact relations suggest are the oldest intrusions in the Hedley camp, include stocks of up to 1.5 kilometres in diameter, as well as numerous thin sills and rare dykes of up to 100 metres thickness and one kilometre strike-length (Ray and Dawson 1994). The Hedley intrusions are calc-alkalic and consist mainly of quartz diorite to gabbro, with common porphyritic plagioclase feldspar, hornblende, or rarely, pyroxene.

The Hedley intrusions and their host Nicola Group rocks, together with the Paleozoic rocks of the Apex Mountain complex, have been intruded by a number of plutons yielding Early to Middle Jurassic radiometric ages. These include the Bromley batholith, which mainly underlies the area northwest of Hedley, and from which several Early Jurassic U-Pb and K-Ar dates have been obtained (Ray and Dawson 1994), as well as the Mt. Riordan stock, which hosts the Crystal Peak garnet deposit a

short distance north of Apex Mountain. Rocks of the Bromley batholith are mainly of granodiorite composition, but Ray and Dawson (1994) note that marginal phases are typically more mafic and that they may be difficult to distinguish from the Hedley intrusions. Intrusive rocks of probable Middle Jurassic age include the Cahill Creek pluton, which in part marks the boundary between the Apex Mountain complex and Nicola Group east of the Nickel Plate mine, and the Olalla alkalic complex, which underlies the area immediately south of the village of Olalla, on either side of Keremeos Creek. The Cahill Creek pluton consists of calc-alkaline quartz monzodiorite and granodiorite grading to local diorite at the pluton margins. The pluton has yielded a middle Jurassic age (168.8 Ma; U-Pb zircon; Ray and Dawson 1994), and its contact aureole within the Apex Mountain complex is as much as one kilometre wide and includes biotite, cordierite, and local pyroxene. The Olalla alkalic complex consists of magnetite-bearing pyroxenite in a peripheral zone, with a gabbro, gabbro-diorite, gabbrosyenite, and syenite core (Mountjoy 1997, B.C. Minfile). The pyroxenite is composed primarily of augite, while the syenite is fine-grained, and a light grey to buff or pink colour. Coarse-grained syenite dykes apparently occur at the contact between the syenite and pyroxenite.

#### **4.1 Metallogenic Setting and Mineral Occurrences**

In southern British Columbia and northern Washington State, Paleozoic or early Mesozoic stratified and intrusive rocks play host to many mineral deposits and occurrences (Figure 4). These include rich past-producing replacement or skarn deposits such as the nearby Nickel Plate mine (nearly 2.5 million ounces Au) in the Hedley Camp, the Phoenix mine near Greenwood (>800,000 ounces Au, >5 million ounces Ag, >250,000 tonnes Cu), and Kinross' recently mined-out Lamfoot deposit in the Republic district of northern Washington State. Kinross' Buckhorn Mountain deposit (formerly the Crown Jewel), also in northern Washington State, is a similar deposit that has proven and probable gold reserves quoted at 381,000 ounces grading 11.0 g/t Au. Other significant precious metals deposits nearby include vein deposits of the Fairview and Beaverdell mining camps (<25 km to the east-southeast and 50 km east-northeast, respectively), the veins and vein-breccias at the Dusty Mac deposit (immediately east of the Okanagan valley), the Camp McKinney veins in western part of the Boundary camp near Rock Creek, and Ag-rich veins at Horn Silver (Dankoe Mines), approximately 30 km to the southeast of the property.

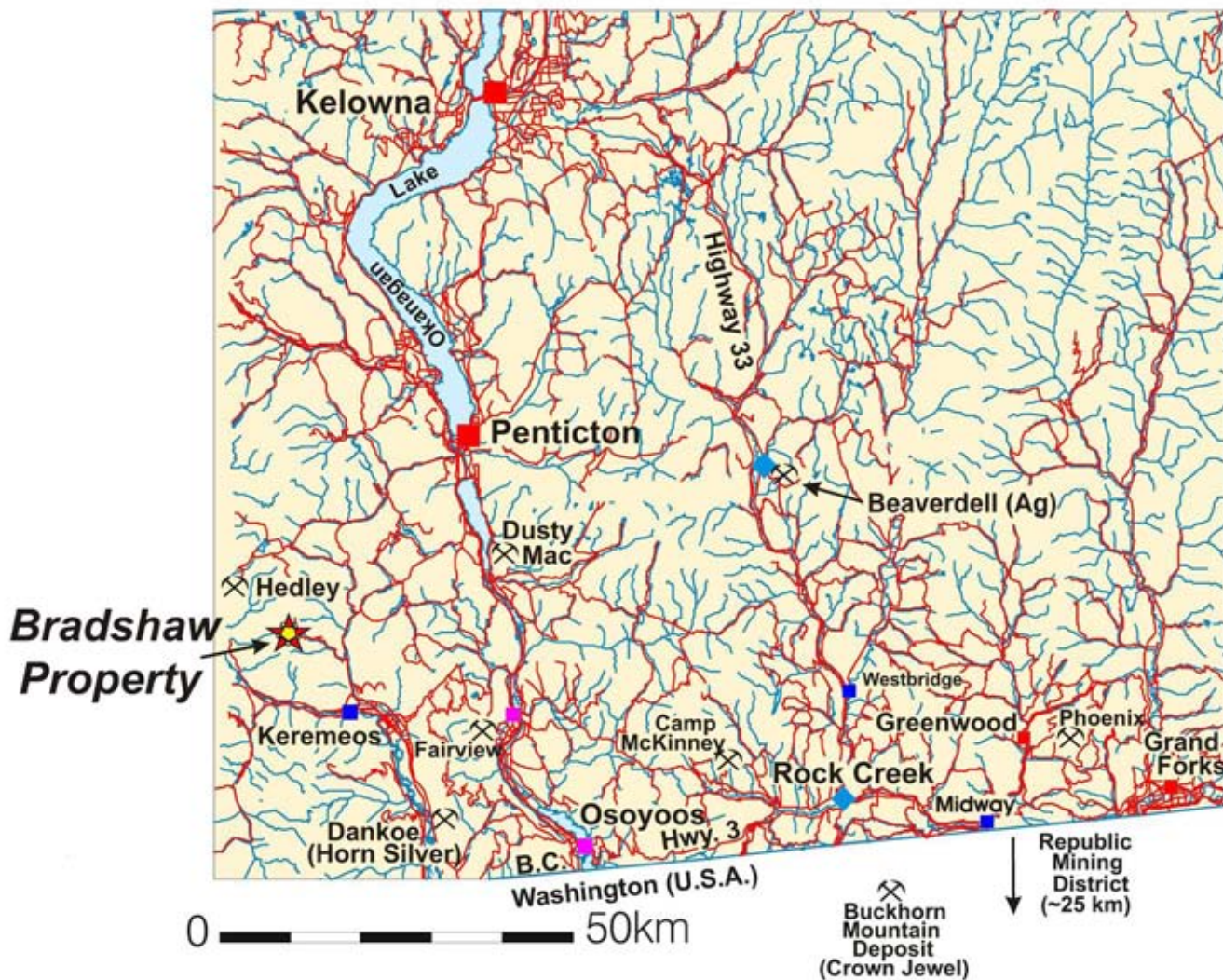


Figure 4. Metallogenic Setting of the Bradshaw Property, Southern British Columbia.

#### 4.1.1 Hedley Mining Camp Mineral Occurrences

The Nickel Plate and Hedley Mascot mines near Hedley had a long and productive mining history, with a total of nearly 2.5 million ounces of Au mined in two major phases. The first phase of mining, from 1904 to 1955, was of higher-grade skarn material from extensive underground workings at what were originally two separate mines that were connected at several places. The average grade of the material produced from the underground operations was 13.94 g/t Au (0.407 oz/ton). The second phase of mining, from 1987 to 1996, was from open pits which encompassed the upper parts of the old underground workings, and the average grade of material produced was 1.98 g/t Au (0.058 oz/ton).

Skarn mineralization at Nickel Plate was hosted in limy rocks of the Upper Triassic Nicola Group, as well as in sills and dykes of diorite, quartz diorite, and minor gabbro of the Early Jurassic Hedley intrusions, which are genetically related to the mineralizing event. Skarn mineralization at Hedley is typically hosted by pyroxene- and garnet-dominant rocks. Gold mineralization consists of sulphide-rich zones with varying proportions of arsenopyrite, pyrrhotite, and chalcopyrite (plus lesser pyrite and sphalerite) occurring as disseminations, fracture fillings, and lenses and pods of semi-massive to massive sulphide, which was apparently both lithologically and structurally controlled.

While production at Hedley ceased over fifteen years ago, Goldcliff Resource Corporation has been undertaking exploration on their adjacent Panorama Ridge property since 2000. Goldcliff has encountered a number of broad intercepts in drill holes and trenches of skarn-type mineralization, apparently similar to that at the Nickel Plate mine, but of generally lower-grade. Nevertheless, the mineralization is potentially economic and it appears to be consistent in tenor and width from hole-to-hole, such as drill hole 240023, with 68 metres of 1.00 g/t Au (see News Releases, Goldcliff Resource Corporation website).

In addition to skarn mineralization, the Hedley camp is known to host mineralization of varying styles. For example, stockwork-style quartz-carbonate mineralization occurs within diorite and greenstone bodies of the Hedley intrusions at the Banbury porphyry prospect immediately west of Hedley. At Banbury, the mineralization is hosted by both intrusions as well as their immediate wallrocks, and exploration in the late 1980's by Noranda outlined an inferred resource of nearly four million tons grading 1.6 g/t Au.

Near Olalla a minor amount of production has been recorded at various times in the past century from Au-bearing quartz and polymetallic sulphide-quartz vein deposits at the Golconda, Sunrise, and Dolphin occurrences within the early to middle Jurassic Olalla alkalic complex (B.C. MinFile). As mentioned above, the Olalla stock is a zoned pyroxenite-gabbro-gabbrosyenite body which is also spatially associated with local Cu-Au skarn such as the Bullion, Juniper, and Hillside (?) occurrences, as well as Au-bearing quartz vein mineralization and local shear-hosted mineralization such as the Roadside occurrence (B.C. Minfile).

## 5.0 Property Geology

The geologic setting of the Bradshaw property remains poorly constrained, in large part because of the restricted focus of exploration on the Main Zone, and because very little systematic outcrop mapping has been undertaken. From more regional work, and from a compilation of geologic mapping from the various programs run on the Bradshaw ground and on immediately surrounding properties (Figure 3), it is known that the property is underlain by Paleozoic deep-water sedimentary (mainly chert and argillite) and volcanic (greenstone) rocks that are part of a northeast trending, steeply southeasterly dipping sequence. From detailed mapping that has focussed on the Main Zone, it is apparent that the stratified rocks have been intruded by several small stocks or sill-like intrusive bodies of probable Late Triassic to Early or Middle Jurassic age. The intrusions bear a close spatial and probable genetic association with mineralization.

The geology in the immediate vicinity of the Main Zone, in part as interpreted from Gale et al. (1986), and amended to include several observations made by Schulze (2005), appears to consist of belts of chert of various colours and textures, some of which appears to be recrystallized “sugary” chert (Figure 5). At the Main Zone, the belts trend north-northwesterly on the south and then turn toward the regional, east-northeasterly trend on the north. The chert is bounded on the west by a sub-parallel greenstone body, 30-60 metres wide, that is apparently intermixed with gabbroic intrusions. The greenstone is typically carbonate-altered and is in turn bound on its west side by strongly sheared, dark grey to black argillaceous chert. In the central part of the Main Zone, the chert is intruded by a stock of “biotite hornblende diorite” which is roughly 100 metres long and 40 metres wide. The stock was noted by earlier workers as having similarities with the Hedley intrusions, which are intimately associated with mineralization at the Nickel Plate mine, but it may also bear affinities with Middle Jurassic or younger intrusions. The diorite is shown by Gale et al. (1986) as having two, five to fifteen metre-thick apophyses, described as biotite-hornblende breccia dykes, noted to be related to, but younger than, the main stock. They also note that the breccia dykes are bordered by an irregular zone of sugary quartz replacement, and are themselves partly altered and mineralized. The southern breccia dyke is shown hypothetically on Figure 5 as linking up with an intrusion mapped to the south (O’Neill, 1987). The youngest geologic feature displayed on Gale et al.’s (1986) map appears to be a suite of several northerly trending “andesite” dykes, which cut all other map units and structures.

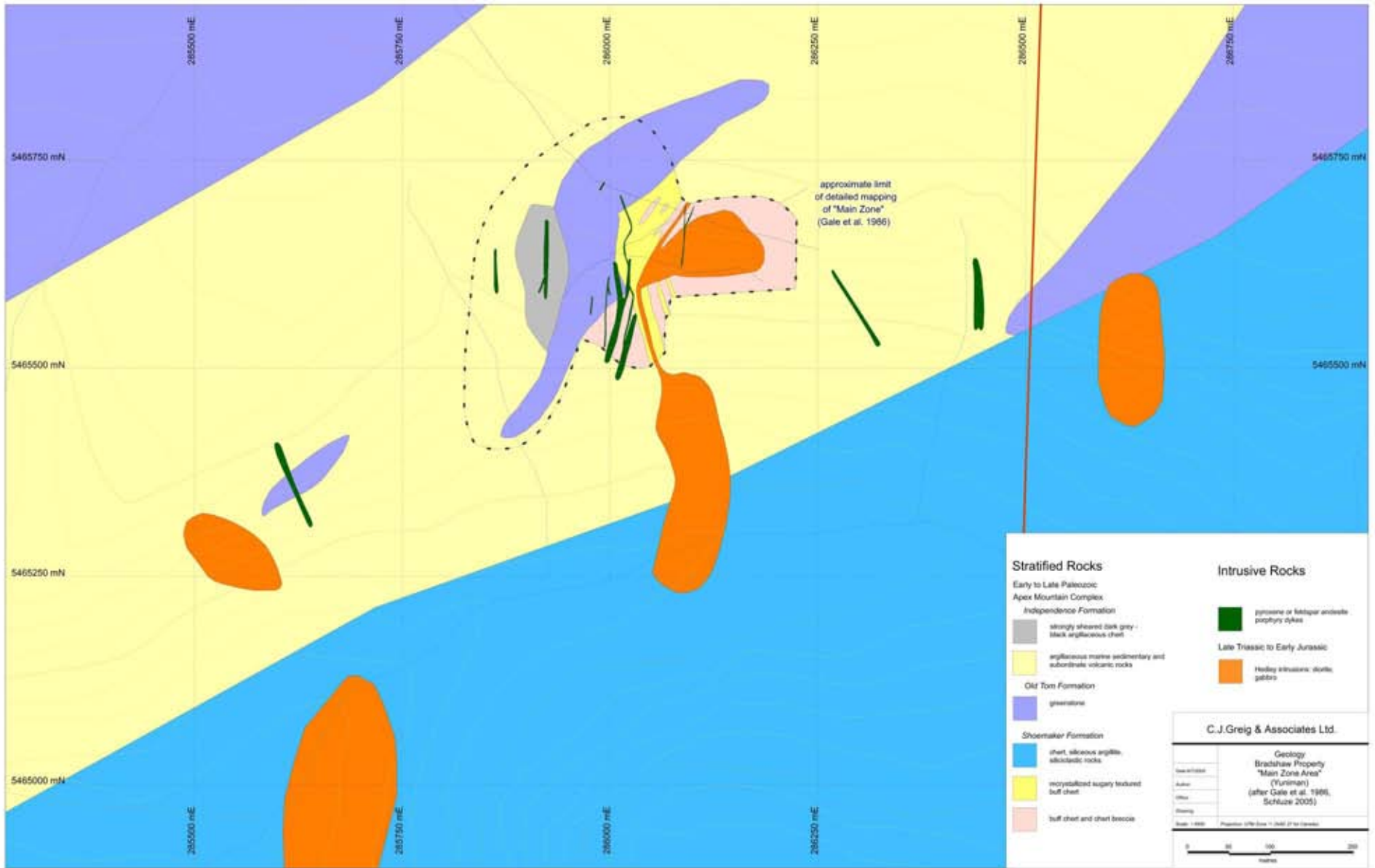


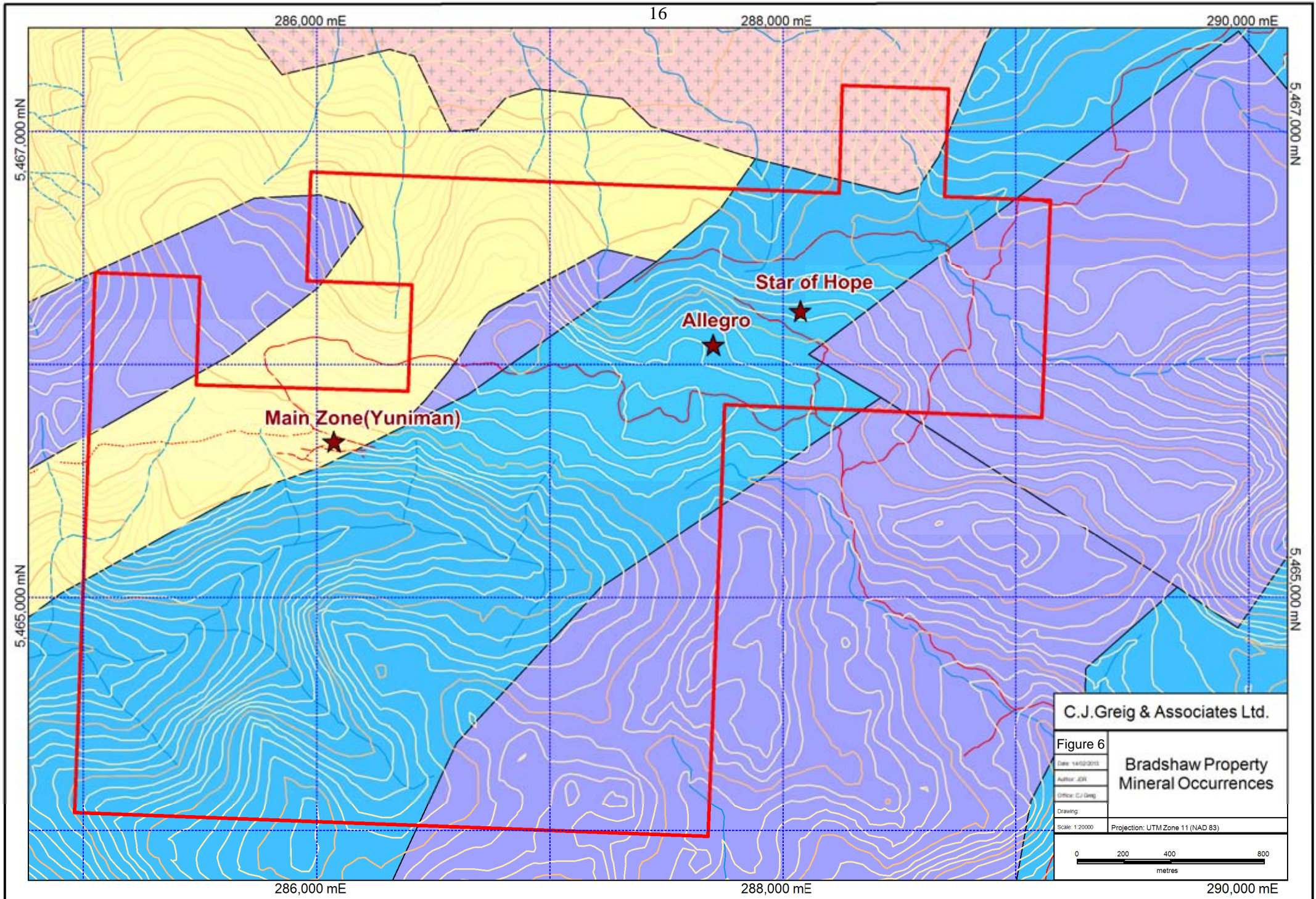
Figure 5. Bradshaw Main Zone Geology.

## **5.1 Property Mineralization**

The most salient feature of the known mineralized zones on the Bradshaw property is that the three principal areas of previous exploration focus, the Main Zone (formerly known as the Yuniman), the Allegro, and the Star of Hope, line up along an east-northeast trend (Figure 6). This trend mirrors the regional stratigraphic and structural grain, and it also appears to coincide with a relative abundance of stocks, dykes, and sills of diorite gabbro of probable Late Triassic to Early (or Middle?) Jurassic age, all of which appear to be associated with mineralization. The mineralization itself occurs in a number of styles, but shares several common features apart from its association with dioritic to gabbroic rocks. These include a close association between gold and arsenopyrite with lesser occurrence of minerals containing Ag, Cu, Pb and Zn, and the occurrence of common northeast to east-northeast outcrop-scale structural controls. This elemental association and structural control are perhaps best reflected in the soil geochemistry, in which extensive multi-element anomalies highlight both northeast and east-southeast trends. These correspondences also suggest that the individual occurrences in the belt are part of a single, broad magmatic-hydrothermal system with excellent and largely untested exploration potential.

### **5.1.1 Main Zone (Yuniman)**

At the Main Zone, a number of styles of mineralization are evident from showings in trenches and underground workings, as well as from drill core. Work by Dispirito and Hulme (1985) and by Gale et al. (1986) showed that there were two general types of Au-bearing veins of different orientations: north to N20°W trending quartz-calcite-arsenopyrite-pyrite veins that assayed up to 2.1 ounces Au per ton, and northeast to east-northeast trending quartz-calcite-galena-sphalerite-gold-silver veins that were probably somewhat older. They also noted that calcite replacement along small fractures was widespread in the more competent andesite and diorite, and that late-stage “white sugary quartz replacement of chert,” post-dated by the arsenopyrite-bearing veinlets, carried low Au values. In addition, there is replacement style mineralization associated with wide zones of silicified sedimentary rocks near contacts of the diorite stock and its apophyses, carrying veins and disseminations of pyrite and arsenopyrite which yield gold values. Other examples of this style of mineralization are likely represented by samples collected in 2004 which yielded 15.7g/t Au over 1.5m and the 9.58 g/t Au over 1.2m, both of which appear to be wallrock samples (Schulze, 2005). In concert with nearby higher-grade vein mineralization they clearly have the potential to provide a gold-rich zone of significant width.



### 5.1.2 Star of Hope

The Star of Hope prospect is located approximately 1.7 kilometres east-northeast of the Main Zone (Figure 6) and, in general, the geology appears to be similar. The predominant rock type is varicoloured and typically competent chert of the Shoemaker formation. The chert is in fault contact with andesitic volcanic rocks (greenstone) of the Old Tom formation, and diorite to gabbro dykes, presumed to be of Late Triassic or Early Jurassic age, cut the chert and andesite. A pervasive quartz-calcite alteration assemblage apparently overprints both the andesite and the intrusions.

According to B.C. Minfile, three separate mineralized showings are present at the Star of Hope, and all have old workings on them (adits or pits). Although the individual showings are apparently of somewhat different character, all are aligned along a northeastern trend, and all are apparently associated with brittle-ductile(?) shear zones. One occurs within volcanic rocks, with sparse pyrite, arsenopyrite, and chalcopyrite within an east-northeast trending, steeply dipping shear zone. Another showing, also hosted by an east-northeast trending, steeply dipping shear, occurs marginal to a porphyritic trachyte dyke. Associated with this mineralized zone is the Star of Hope vein, an east to northeast trending, ten centimetre thick, quartz vein containing 5 to 20 per cent sulphides (pyrite, arsenopyrite and galena) that yielded 12.9 grams per tonne gold, 43.5 grams per tonne silver and 0.48 per cent lead. Dump samples have also yielded up to 41.8 g/t Au and 281.1 g/t Ag (B.C. Minfile). As is the case at the Main Zone, other styles of Au mineralization are also evident, including mineralization within a plagioclase porphyry dyke that yielded 2.05 grams per tonne gold across 0.61 metres, and 5.10 grams per tonne gold and 3.5 grams per tonne silver over 0.20 metres. The third showing at the Star of Hope consists of pyrrhotite and pyrite in silicified greenstone, adjacent to a north trending plagioclase porphyry dyke.

### 5.1.3 Allegro

The Allegro occurrence lies between the previous two showings, approximately 400 metres west of the Star of Hope and 1.3 km east-northeast of the Main Zone (Figure 6). At Allegro, biotite hornfels, metachert, and local lenses of garnet-quartz-albite skarn are developed within the Independence and Shoemaker formations, which are intruded by fine- to medium-grained hornblende diorite and medium- to coarse-grained biotite hornblende granodiorite. In the early 1900's an adit was driven on a metre-thick zone of silicified and pyritized hornfels. The hornfels is developed adjacent to a quartz-feldspar porphyry dyke and in the early 1980's Newmont Exploration of Canada Ltd. reported a one metre chip sample across the zone yielded 1.06 g/t gold and 12.68 g/t silver. In addition, erratically distributed

quartz veinlets were noted to carry sparse molybdenite and powellite locally.

## **6.0 Previous Exploration Work**

According to Gale et al. (1986), the Bradshaw property was first prospected in the late 1880's, with several Crown Granted mineral claims issued in 1902 as well as some issued more recently. The Crown Grants have now reverted or have been escheated. Underground work completed in the early 1900's, predominantly in the Main Zone area, apparently included more than 60 metres of crosscuts, drifts and raises accessed by 3 adits and 2 shafts, and there is evidence of several other open cuts (B.C. Minfile, 2005). This early work was clearly directed at Au occurring in veins with pyrite and arsenopyrite within a “gabbroic” host, and the Report of the Ministry of Mines for 1929 states that: “Two dump samples of ore assayed: Gold, 4.39 oz. to the ton; silver, 6.2 oz. to the ton. And: Gold, 1.46 oz. to the ton; silver, 1 oz. to the ton.” Intriguingly, this early report also alludes to the potential of the wallrocks for hosting lower-grade, bulk tonnage-style mineralization: “The quartzose rocks are mineralized with fine-grained pyrite which is heavily oxidized on the porphyry-dyke contact.” (Ministry of Mines 1929).

In 1937, Hedley Yuniman Gold Fields Ltd acquired eight Crown Grants, and staked and prospected 44 adjacent claims (B.C. Minfile). In 1941, Dr. Victor Dolmage reported high gold values from 0.34 to 2.45 oz/ton from trenches on the Black Pine Crown Grant, and he also stated that diorite bodies at the Yuniman “deposit” were similar to those associated with the nearby Nickel Plate deposit (Gale, 1986). In 1946 and 1947, Hedley Yuniman drove an additional 113 metres of crosscuts and drifts from a new, lower adit (B.C. Minfile, 2005). In 1975, upon the death of the president of Hedley Yuniman Gold Fields, the holdings were abandoned and the Crown Grants reverted to the government, and although several owners held the property between the mid 1970's and mid 1980's, Gale (1986) reports that only minor physical work was recorded.

In the mid-1980's, with the rise in the price of Au and the imminent re-opening of the Nickel Plate mine at Hedley, exploration work on the property re-commenced, with Toby Creek Resources optioning the Bradshaw property from J. Hrabi, the holder of the reverted Crown Grants. Toby Creek overstaked the Crown Grants with Old Diggings claim, and in 1985 they conducted geological, geochemical, and geographical (topographic) surveys, and rehabilitated and sampled the old adits, trenches, and pits (DeSpirito and Hulme 1985). In 1986, Toby Creek undertook a 5-hole, 626-metre diamond drilling program, along with hand and backhoe trenching and sampling, an EDM (topographic)

survey, geological mapping, and limited geophysical surveying, including a number of test IP lines and some airborne magnetometer and EM work. The drilling focussed on the Main Zone, and mainly targeted a system of quartz veins within and west of a small dioritic stock. The highest grade samples intersected in the drilling included 2.77 oz/ton Au across 0.76 metres from quartz-arsenopyrite veins intersected in DDH Y86-04, and 0.122 oz/ton Au across 5.1m in DDH Y86-1, beneath the “Bush Rat Pit.” However, the operators, Shangri-La Minerals, recognized that continuity of vein mineralization was lacking, and that the true potential of the property lay in the combination of higher grade vein material with lower grade silicified and stockwork material in the wallrocks (Gale 1986). This was amply demonstrated in DDH Y86-5, which returned 0.778g/t Au over 62.2m within silicified chert, and which bottomed in mineralization. Positive results were also returned in re-sampling of the underground workings, which in one instance returned 2164ppb Au over 18m. In spite of these positive results, and of similarly positive recommendations, the company did no further work. In 1987, a 51% option agreement was apparently granted to TRV Minerals Corporation, although no assessment work was recorded (B.C. Minfile).

In addition to the previous exploration work conducted directly on the Bradshaw property itself, the increase in exploration work in the 1980's led to work being conducted on the immediately adjacent ground. That work included grid soil geochemistry and VLF-EM work immediately north of the Star of Hope occurrence on what was known as the “24K Group”. This work identified a significant east-west (?) trending Au-Ag soil geochemical anomaly on the southernmost part of the grid, now covered by the Bradshaw claims (Kregosky 1985, 1986). To the immediate northwest of the Bradshaw property, preliminary grid work involving magnetometer, VLF-EM, prospecting, and soil and stream sediment sampling yielded few, if any, significant anomalies (Di Spirito 1984). To the southwest, on what were known as the “Lisa #1” and “Jennifer’s Au” groups, a similar lack of anomalies were the result of preliminary prospecting, ground magnetometer and soil geochemical surveys, and in an airborne magnetometer and VLF-EM survey (Croft 1987, Di Spirito et al. 1987). Finally, to the south, on the “Snow Leopard” group, preliminary prospecting, and soil and stream sediment geochemical sampling documented by O’Neill (1987) indicated an area of good potential where Au mineralization is associated with a diorite stock. This area is now covered by the southern part of the Bradshaw property.

Goldcliff Resource Corporation, a junior mining company listed on the TSX Venture exchange, began actively exploring the adjacent Panorama Ridge property in 2000 (located north and west of the current Bradshaw property). According to Goldcliff’s news releases in 2005 (Goldcliff Resource

Corporation website), the Panorama Ridge property hosts gold skarn and possible stratabound mineralization, with gold grades and geology at two zones, the York-Viking and Nordic zones that are comparable to those at the Nickel Plate-Hedley Mascot gold mine, and with local high-grade values surrounded by a broad and supportive area of lower-grade Au mineralization. The mineralization is potentially economic, and appears to be consistent in tenor and width from hole-to-hole.

When the last of the claims in the vicinity of the Bradshaw property lapsed, in the fall of 2003, the property was re-staked by the present owners, who optioned it to Firestone Ventures Inc. in January 2004. In May, 2004 contractors for Firestone assessed the property in a five day, three man program. As in previous programs, Firestone's work focussed on the Main Zone, and the conclusion reached, based solely on surface examination, was that the zone held little potential for hosting a bulk tonnage-style Au deposit (Schulze 2005). In spite of Schulze's conclusions, however, the program for Firestone yielded a significant number of positive findings. These included the discovery of two previously unreported mineralized zones, the recognition of intrusive bodies along trend in both directions from the "Bush Rat stock," and some significant results. Out of Firestone's 98 rock geochemical samples, six returned greater than 10.0 g/t Au.

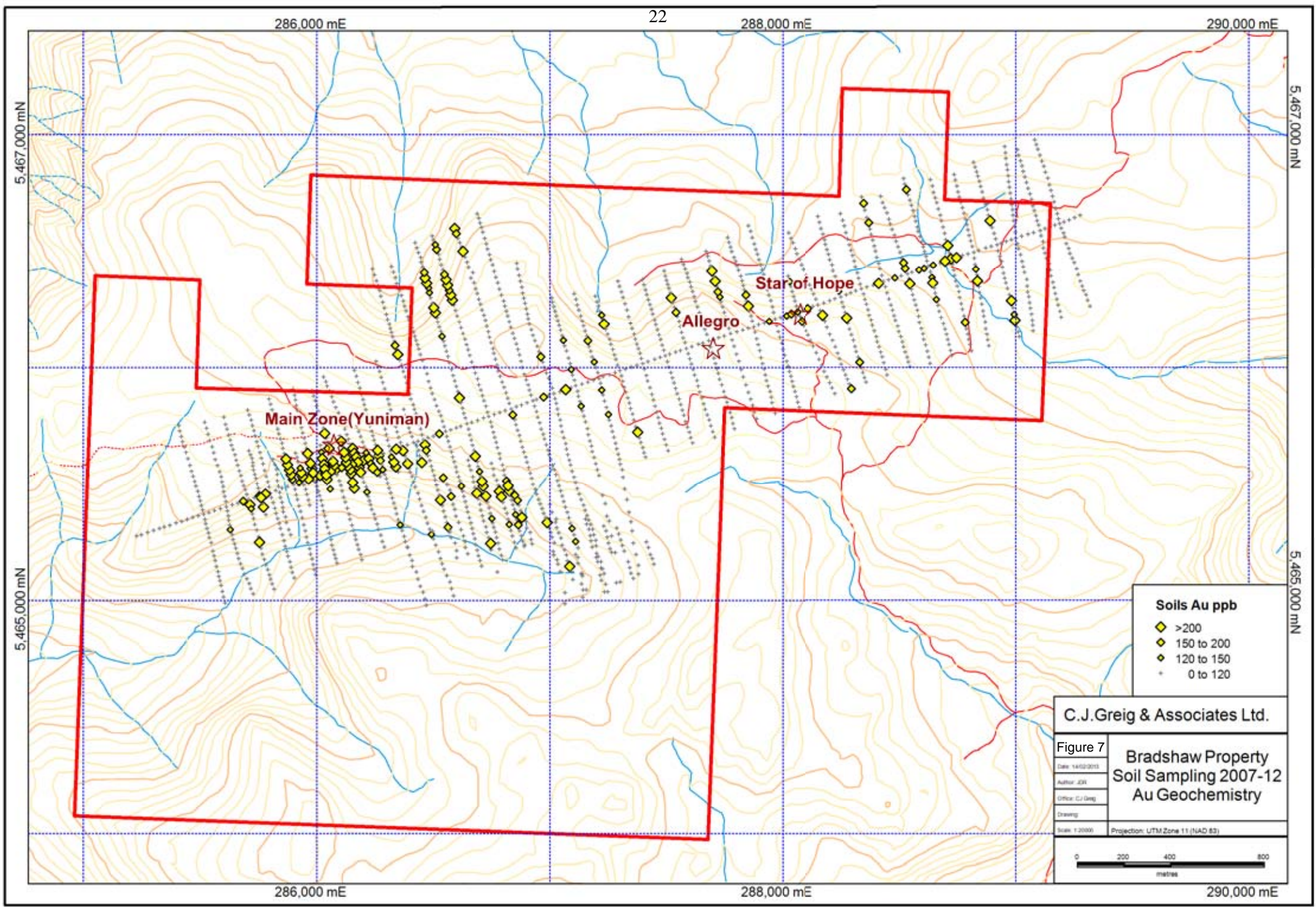
In October, 2005 the Bradshaw property was optioned from the current owners by Target Exploration and Mining Company. From 2006 to 2008 Target undertook programs of geochemical, geophysical and geological work, followed by diamond drilling of selected targets that had been defined by the work. The geophysical work, undertaken in September, 2007, comprised total field magnetics and induced polarization (IP) surveys covering an area approximately 3.5 km long by 800 m wide along the east-northeast trend of the mineral showings. The IP/ Resistivity survey consisted of a pole-dipole array using six simultaneous dipoles with an "a"-spacing of 25 meters giving an effective depth of penetration of 75 meters. The surveys were implemented to gain a better understanding of geology and specifically to locate disseminated sulphides and structures known to be associated with gold mineralization in the area. Geophysical results were generally of high quality and successful in delineating numerous anomalies that commonly trend east-northeast and northeast, with more subtle northwesterly trends. Grid soil sampling, undertaken in 2007, with additional sampling extending some of the lines in 2008, covered the area of the geophysical surveys and, in many areas identified high metal values coincident with chargeability and resistivity anomalies.

In 2008 Target drilled nine diamond drill holes, totalling 1050 metres, in three areas of the property, with the majority of the drilling in the Main Zone area. The holes mostly targeted areas of high

chargeability with anomalous geochemistry. Samples of core from the holes returned generally disappointing results, with the best values from DDH BS08-05 in the Main Zone, which assayed 1.1 g/t Au over 11.1 m, including 3.0 g/t over 1.3 m. Other intercepts from this hole included 6.9 g/t Au over 0.5 m and 5.9 g/t Au over 0.7 m. Several of the mineralized samples consisted of sericite- and carbonate-altered diorite cut by fine veinlets (<1cm) of quartz-calcite with several percent pyrite and lesser arsenopyrite, as well as local galena and sphalerite. Disseminations and fine stringers of pyrite also occur in the wallrocks of some veinlets. Of greater significance were samples of silicified chert breccia near the contact with diorite. The chert fragments are cemented by fine grained, sericite and chlorite-altered matrix that has been partially replaced by silica, with fine disseminations and veinlets of pyrite, typically about 1%, accompanied by lesser arsenopyrite. The siliceous matrix is also cut locally by fine, dark grey quartz veinlets that may contain very fine sulphides. Samples of this chert breccia returned values of up to 2.1 g/t Au over 2.0 m. A 22 metre interval of chert breccia was intersected in DDH BS08-05, extending to the end of the hole, indicating that there could be wide zones of similar rock nearby with potential for large tonnages of low grade gold. Target did no further work and the property option was terminated in 2008.

### **6.1 Previous Soil Geochemistry**

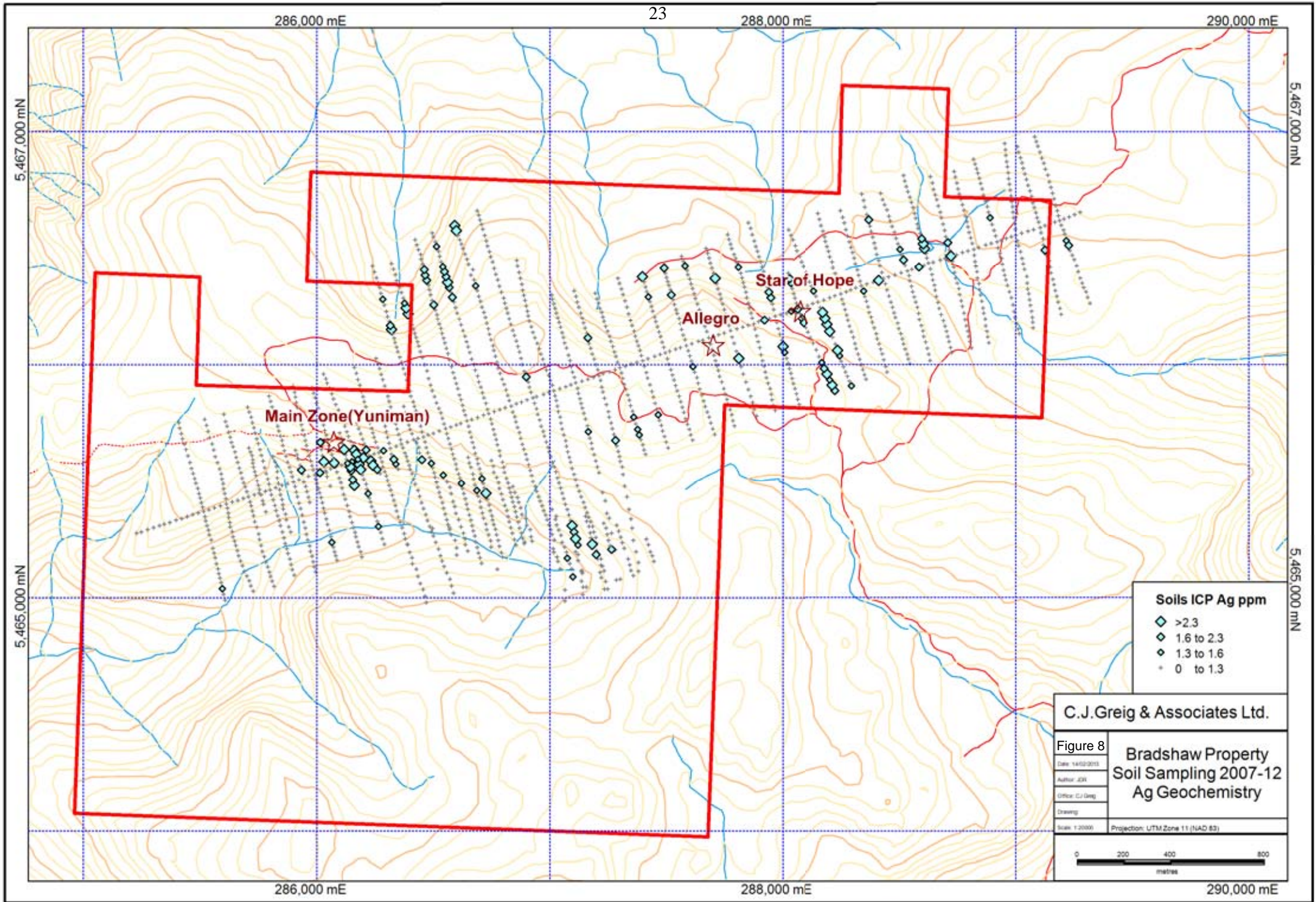
Over the past six years a soil sample grid has been established covering the areas between the known showings and continuing along trend to the northeast and southwest. The grid has been extended to the north and south in some areas to cover geology of interest or follow geochemical trends. The sampling undertaken in 2012 and described below in this report was located to the south of the main grid to explore an apparent trend extending southeasterly from the Main Zone. Figures 7 to 12 illustrate geochemical results for all of the samples collected from 2007 to 2012. These maps highlight several trends of multi-element anomalies, with the most obvious being the area of the Main Zone, which has a general east-northeast trend intersected by a west-northwest trend. Gold values in soil are very elevated for the grid, with 10% of the values greater than 120 ppb and several values in the Main Zone that are greater than 1000 ppb (1 g/t). An area to the north of the Main Zone presents a distinct northeast trending geochemical anomaly of Au, Ag, Cu and lesser Pb over a length of more than 500 m, on a steep west-facing slope that is probably caused by a northeast-trending source cutting the upper part of the slope. In the Star of Hope area Au, Ag and Cu values define a roughly linear anomaly trending to the west-northwest over a distance of up to 800 m. Some parts of these promising geochemical anomalies,

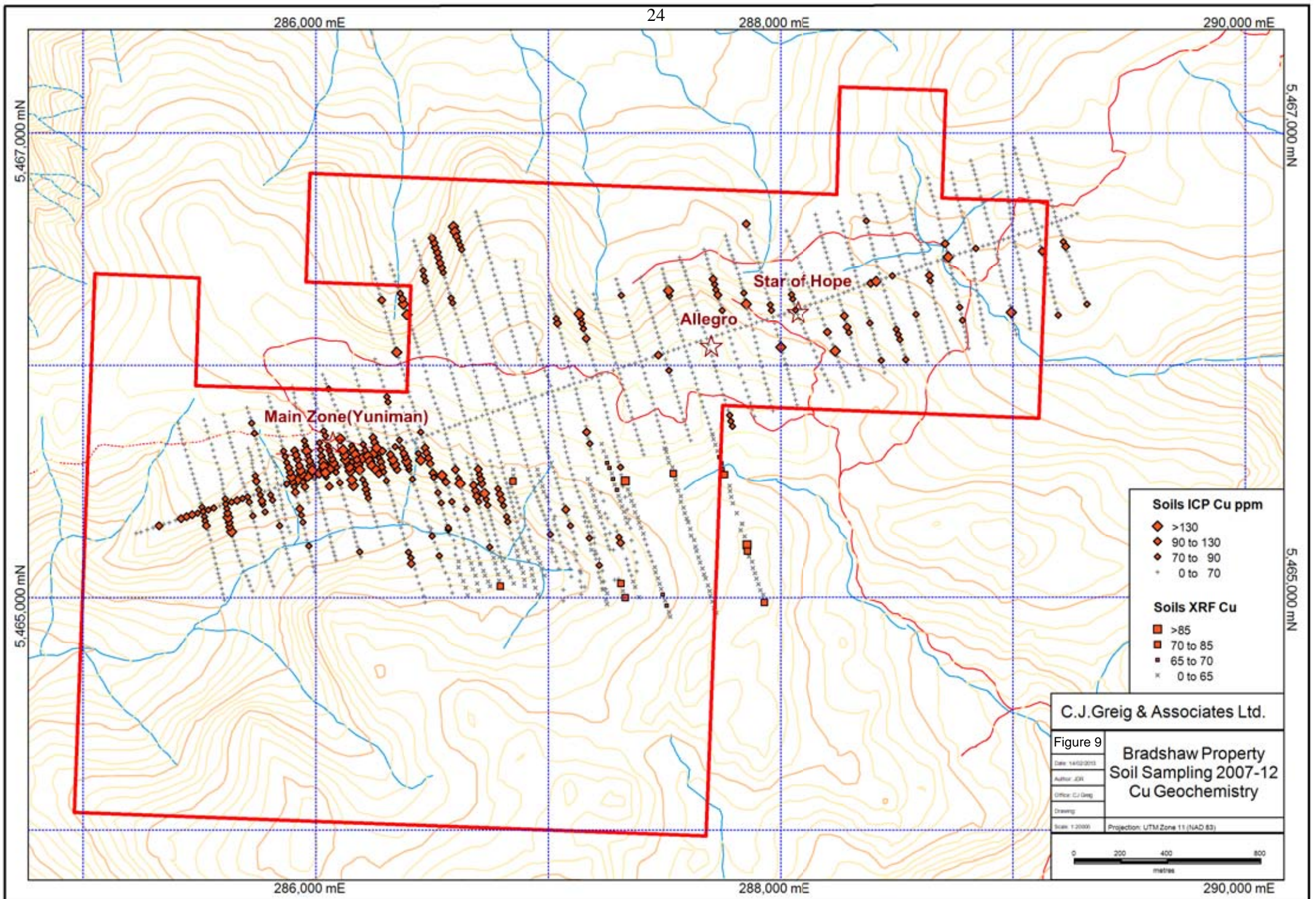


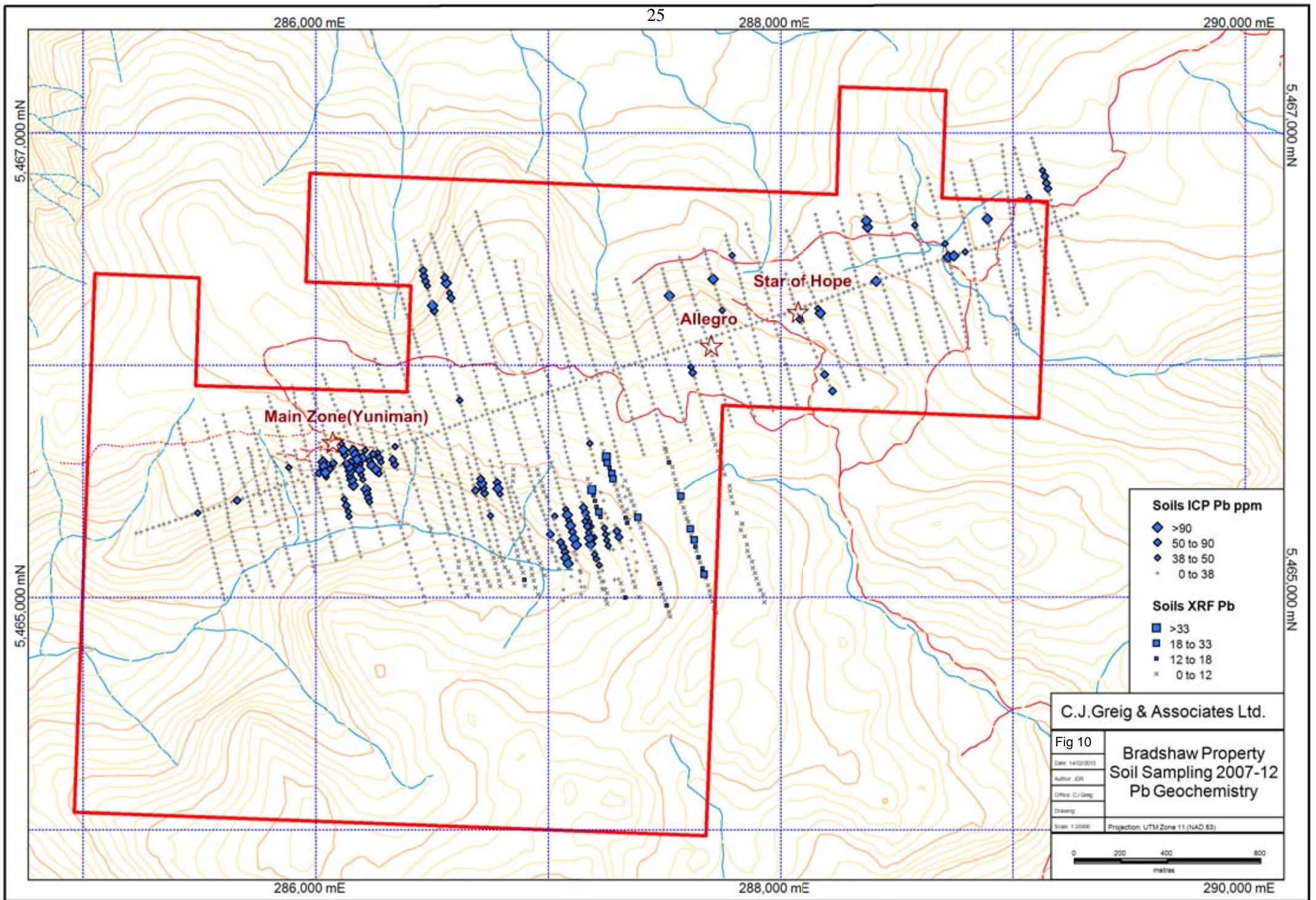
**Soils Au ppb**

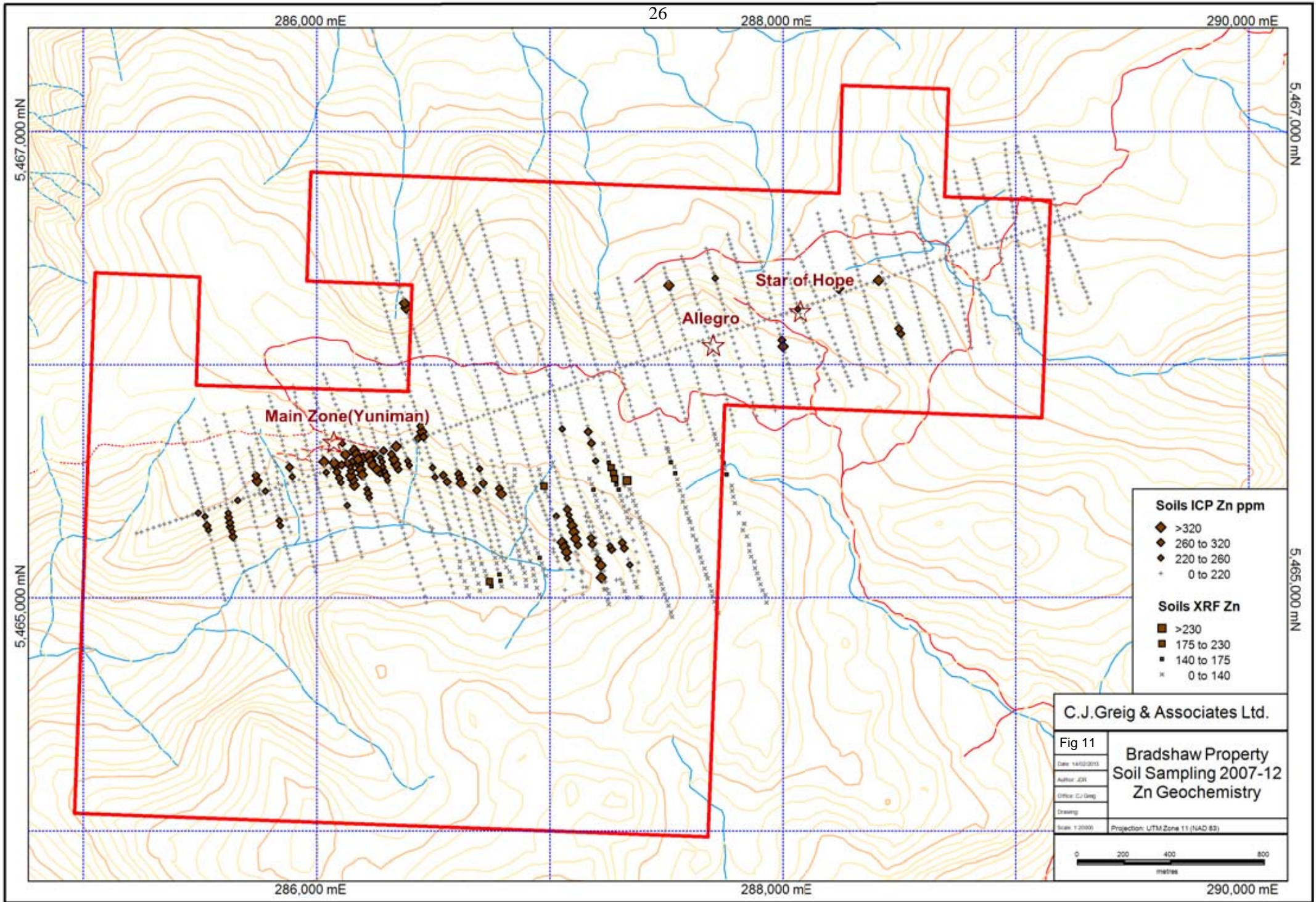
- ◆ >200
- ◆ 150 to 200
- ◆ 120 to 150
- ★ 0 to 120

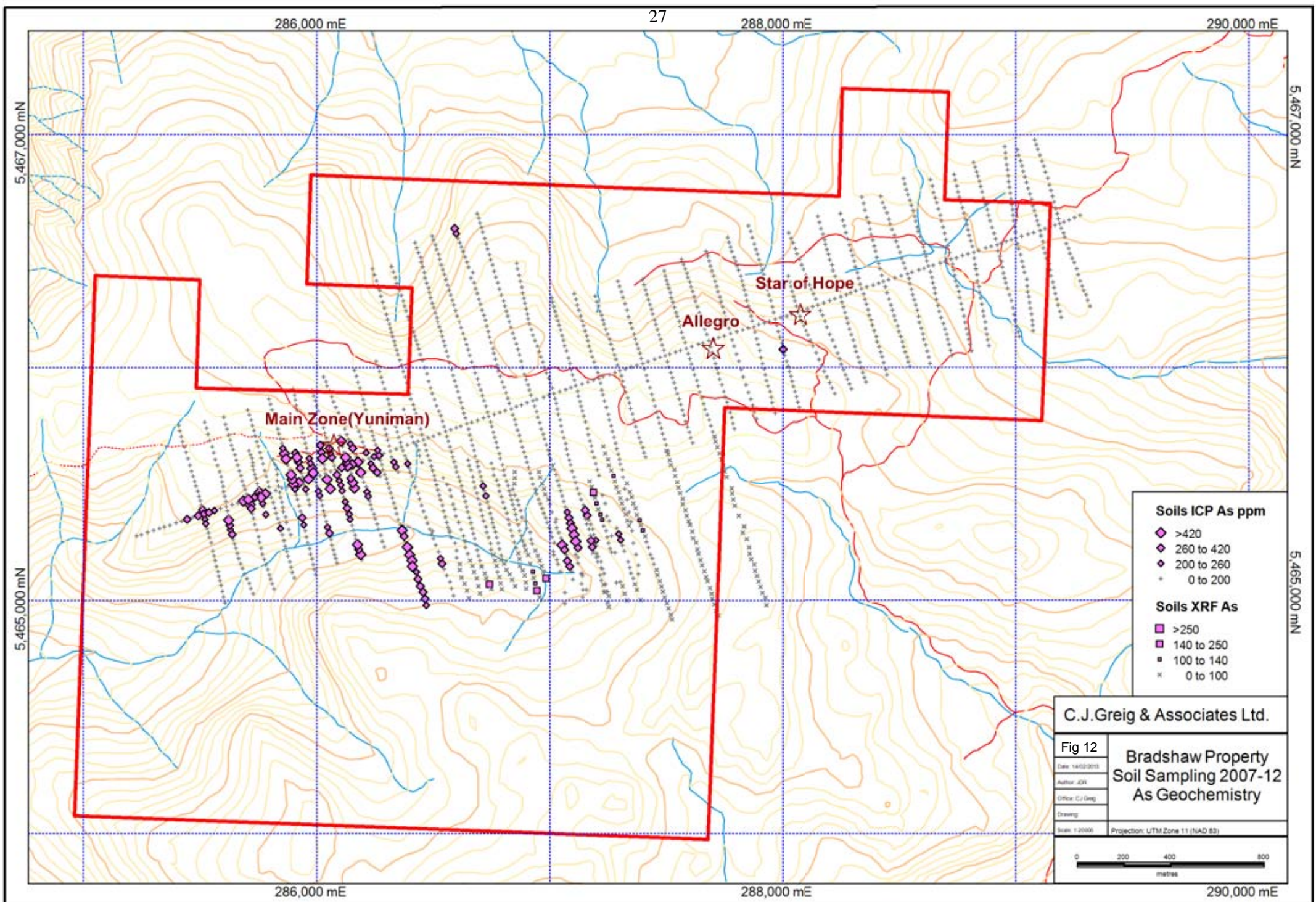
|  |                                  |
|--|----------------------------------|
| <b>C.J.Greig &amp; Associates Ltd.</b> |                                  |
| <b>Figure 7</b>                        | <b>Bradshaw Property</b>         |
| Date: 14/02/2013                       | <b>Soil Sampling 2007-12</b>     |
| Author: JG                             | <b>Au Geochemistry</b>           |
| Officer: C.J.Greig                     |                                  |
| Drawing:                               |                                  |
| Scale: 1:2000                          | Projection: UTM Zone 11 (NAD 83) |
|  |                                  |











as well as other more isolated targets, have good potential for the discovery of significant mineralization by continued exploration.

## **7.0 Soil Sampling Procedure**

The 2012 soil sampling program was carried out by employees of C.J. Greig and Associates in July, 2012 to test an area to the southeast of the Main Zone where multi-element anomalous values had continued to the edge of the old grid, in particular on lines 6100E to 6600E. The soil lines were oriented at approximately 160°, either continuing from the ends of old lines or located between, and parallel to, old lines. A total of 366 soil samples were collected from 17 separate lines in an exploration area measuring about 1.4 km long by 500 m wide. Sample lines were mostly 50 m apart with a few spaced at 200 m and stations were set at 25 m intervals. The lines were established by compass and hip chain with sample locations marked by sample-numbered flagging. UTM co-ordinates were recorded for each station using hand-held Garmin GPS units.

Most of the soils comprise B or C horizon material, but in the headwaters area of Bradshaw creek, which cuts through this grid, wet, “mucky” soils were reported, which may contain abundant organic, or A horizon material. Samples were collected from depths of 10 to 15 cm, placed in heavy paper Kraft bags marked with identifying numbers, transported back to the offices of C.J.Greig & Associates in Penticton and laid out to dry on drying racks for a minimum of two days.

The dried samples were analyzed at the Penticton warehouse with a Thermo Scientific Niton Gold XL3t 500 GOLDD™ handheld X-Ray Fluorescence (XRF) Analyzer unit, operated in the ‘benchtop’ mode. Prior to each XRF analysis, the sample tag was scanned with a barcode scanner that automatically recorded the sample number in the computer. The sample, in its original sample bag, was then placed on the test stand and centered on the probe window; the test stand lid was then closed and locked. The analyzer was then run in “Soils” mode for 30 seconds, reading three separate “filters” of elements, at 10 seconds per filter. The three “filters” provided analytical values for a total of 33 elements. Data was automatically recorded, saved directly to the analyzer and simultaneously downloaded to a laptop computer. For every 30 samples analyzed, a Canadian Certified Standard, named “Till-4”, was analyzed for quality control, to check for drift in the readings. XRF data was compiled in an Excel spreadsheet and then merged with the GPS locations for all samples to allow entry of the sample data into MapInfo GIS computer software. All XRF analytical values for soil samples are attached in Appendix II, Part A.

After compilation of all the XRF analytical values and evaluation of the results it was decided that samples from areas that demonstrated strong geochemical response should be analyzed for Au and Ag; elements that are not accurately determined by the XRF unit due to high detection limits. From the original 366 samples, 131 were selected to send to ALS Chemex Laboratories in North Vancouver for Au and 35-element ICP analysis. In addition to determining the Au and Ag values, the objective was to determine the accuracy of a number of the various element values analyzed with the XRF unit, in particular, Cu, Pb, Zn and As.

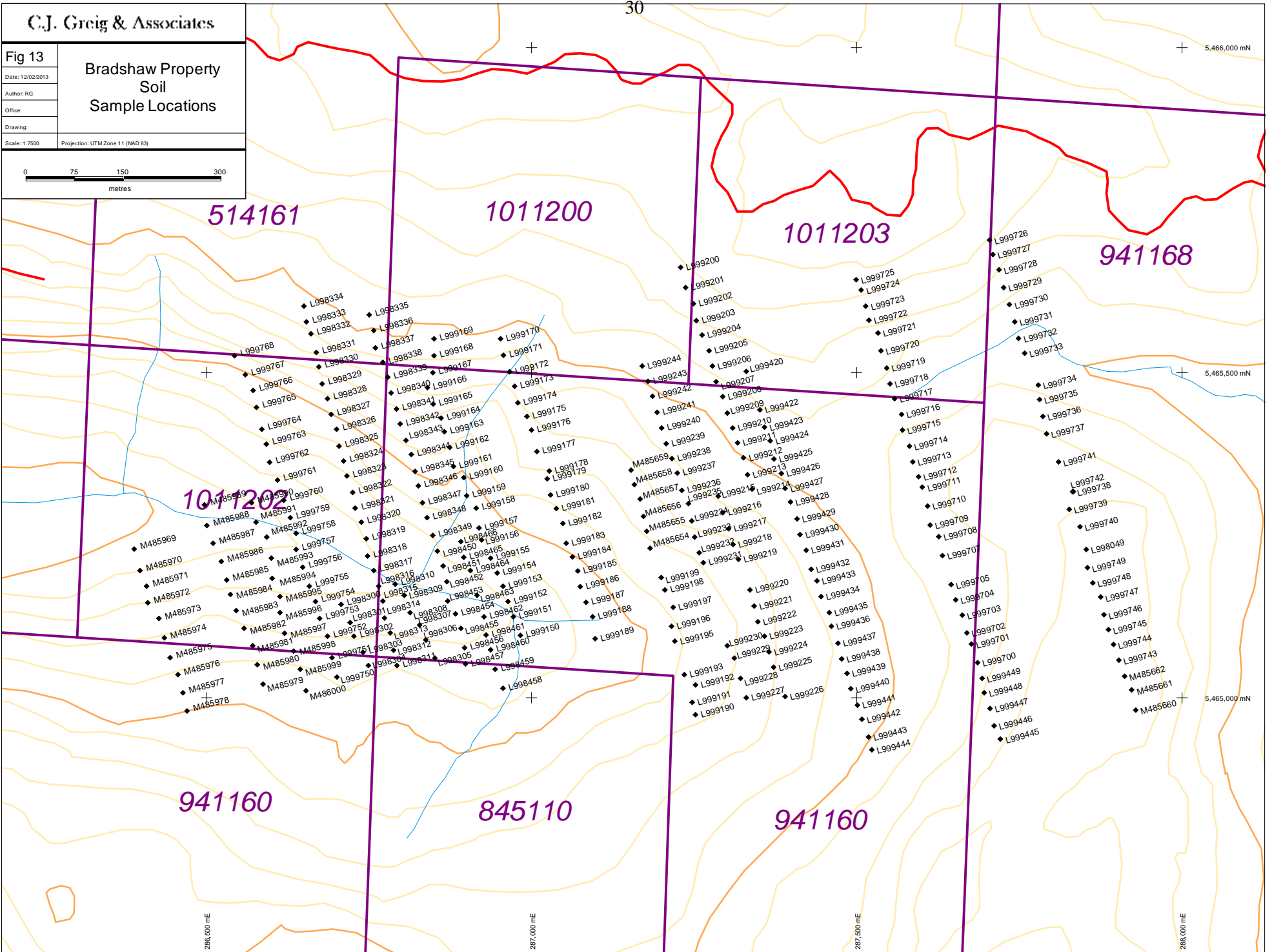
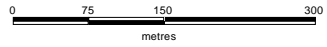
The 131 soil samples were packed into plastic bags, placed into sacks and shipped to ALS Chemex where they were sieved and the -80 mesh fraction separated for analyses. At the lab a suite of 35 elements was analyzed for each sample by dissolving a 0.5 gram cut in aqua regia and using both ICP-MS and ICP-AES techniques to determine the element concentrations. Thirty grams from each sample were also analyzed for Au using fire assay extraction and AAS measurement. The Au and 35-element ICP analytical results for the 131 soil samples are attached in Appendix II, Part B.

### **7.1 Soil Geochemical Results Evaluation**

The soil sample results are presented on two sets of maps that illustrate several of the elements that are of most significance. XRF values are shown for all 366 samples collected, for the elements, Cu, Pb, Zn, As and Fe (Figures 14-18). The results for analyses performed at the laboratory are shown for 131 of the samples, for the elements Au, Ag, Cu, Pb, Zn, As and Fe (Figures 19-25). As well, a sample location map (Figure 13) shows sample numbers, in addition to the claim outlines and tenure numbers to indicate on which claims the assessment work was carried out.

Anomalous categories were determined for each element, independently for both ICP and XRF results, and they are represented by variously sized and coloured symbols on the individual plots. For each element, three symbol sizes in red, yellow and green designate the anomalous values, with decreasing sizes representing strongly, moderately and weakly anomalous categories. These three categories generally constitute the upper 97<sup>th</sup>, 92<sup>nd</sup> and 84<sup>th</sup> percentiles of the values. Element values are somewhat higher than normal for the region and there are a greater number of high values because the sampling was concentrated in a known anomalous area. Therefore, the anomalous categories for these elements have been expanded to cover broader percentile ranges than would constitute the norm. A table (Table 2) was prepared to show the values of each percentile range for each element and it also compares the values determined by ICP analysis versus values determined by XRF analysis. The XRF

Bradshaw Property  
Soil  
Sample Locations



30

5,466,000 mN

514161

1011200

1011203

941168

1011202

941160

845110

941160

286,500 mE

287,000 mE

287,500 mE

288,000 mE

5,465,500 mN

5,465,000 mN

5,465,000 mN

5,465,000 mN

Fig 14

Date: 12/02/2013

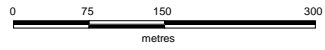
Author: RG

Office:

Drawing:

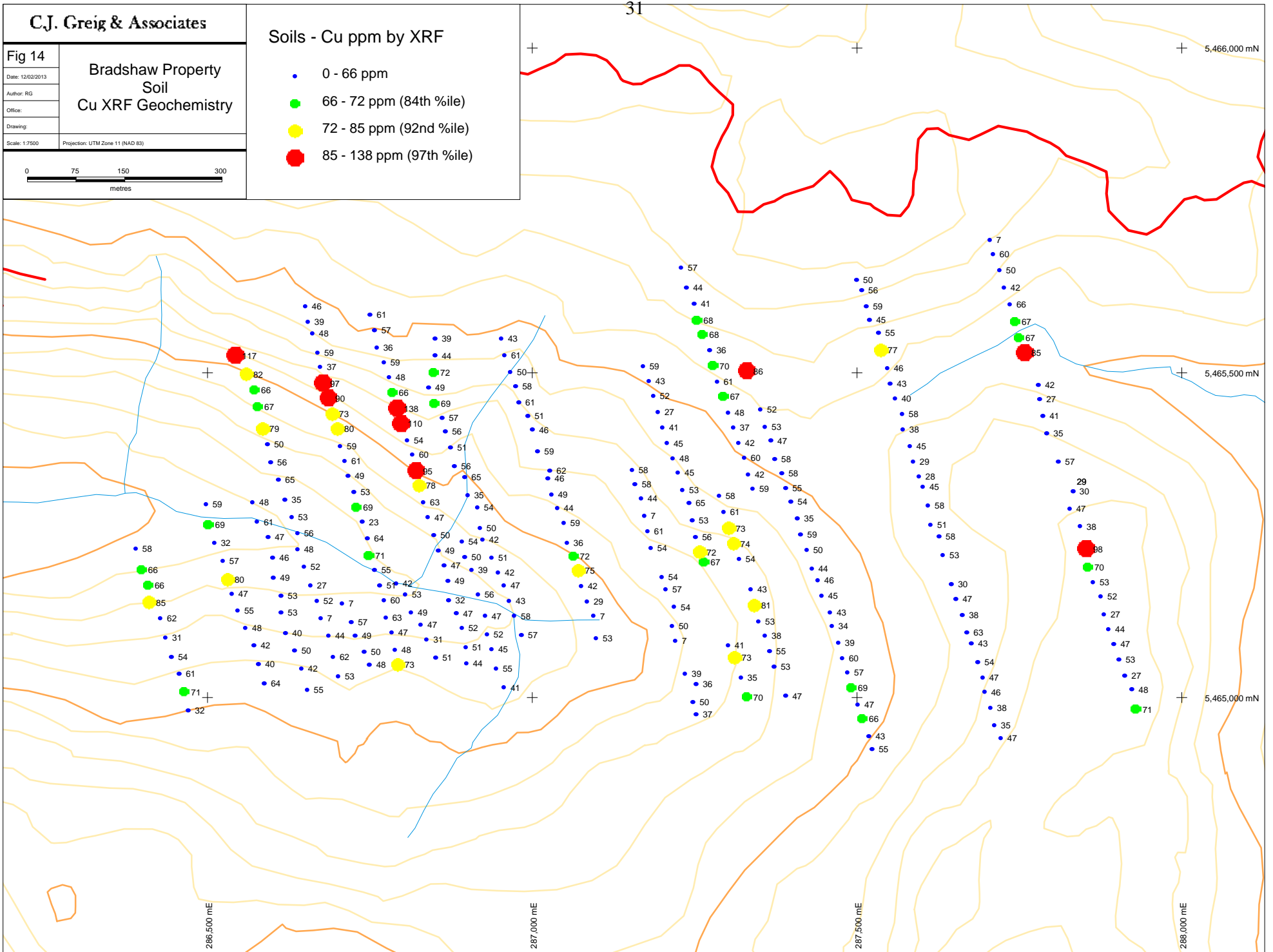
Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)



Soils - Cu ppm by XRF

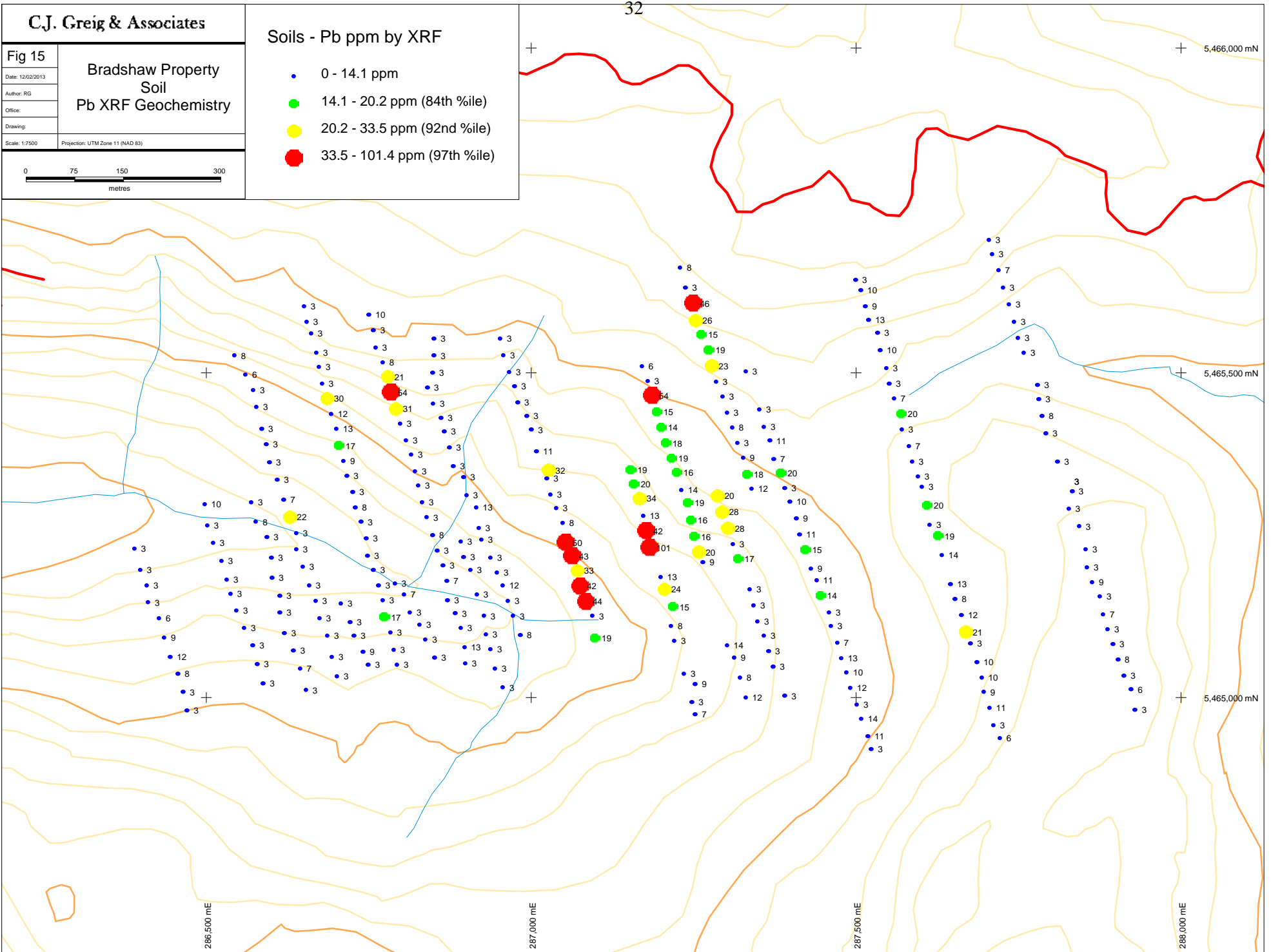
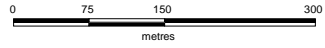
- 0 - 66 ppm
- 66 - 72 ppm (84th %ile)
- 72 - 85 ppm (92nd %ile)
- 85 - 138 ppm (97th %ile)



Bradshaw Property  
Soil  
Pb XRF Geochemistry

Soils - Pb ppm by XRF

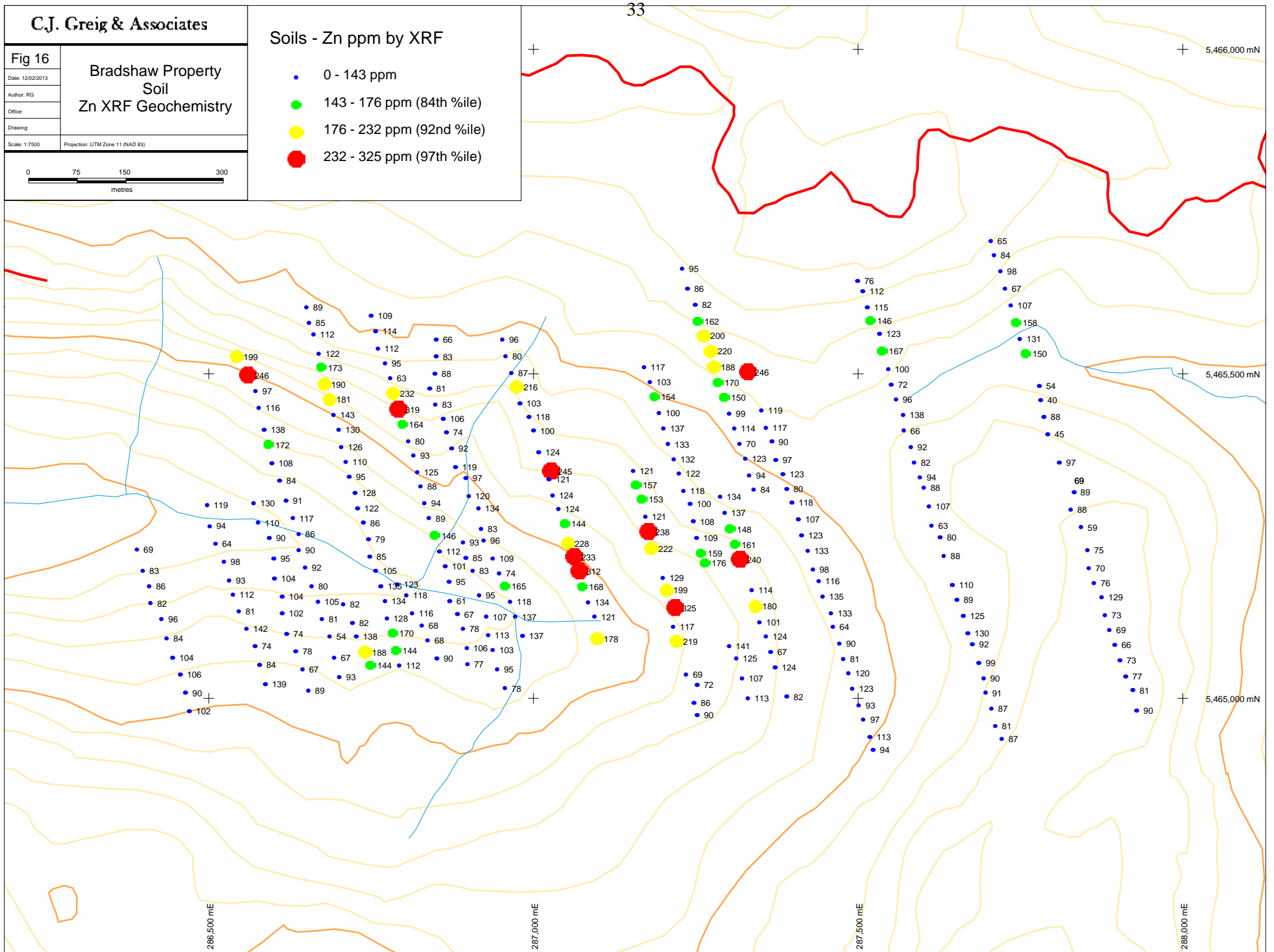
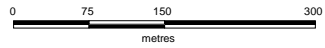
- 0 - 14.1 ppm
- 14.1 - 20.2 ppm (84th %ile)
- 20.2 - 33.5 ppm (92nd %ile)
- 33.5 - 101.4 ppm (97th %ile)



Bradshaw Property  
Soil  
Zn XRF Geochemistry

Soils - Zn ppm by XRF

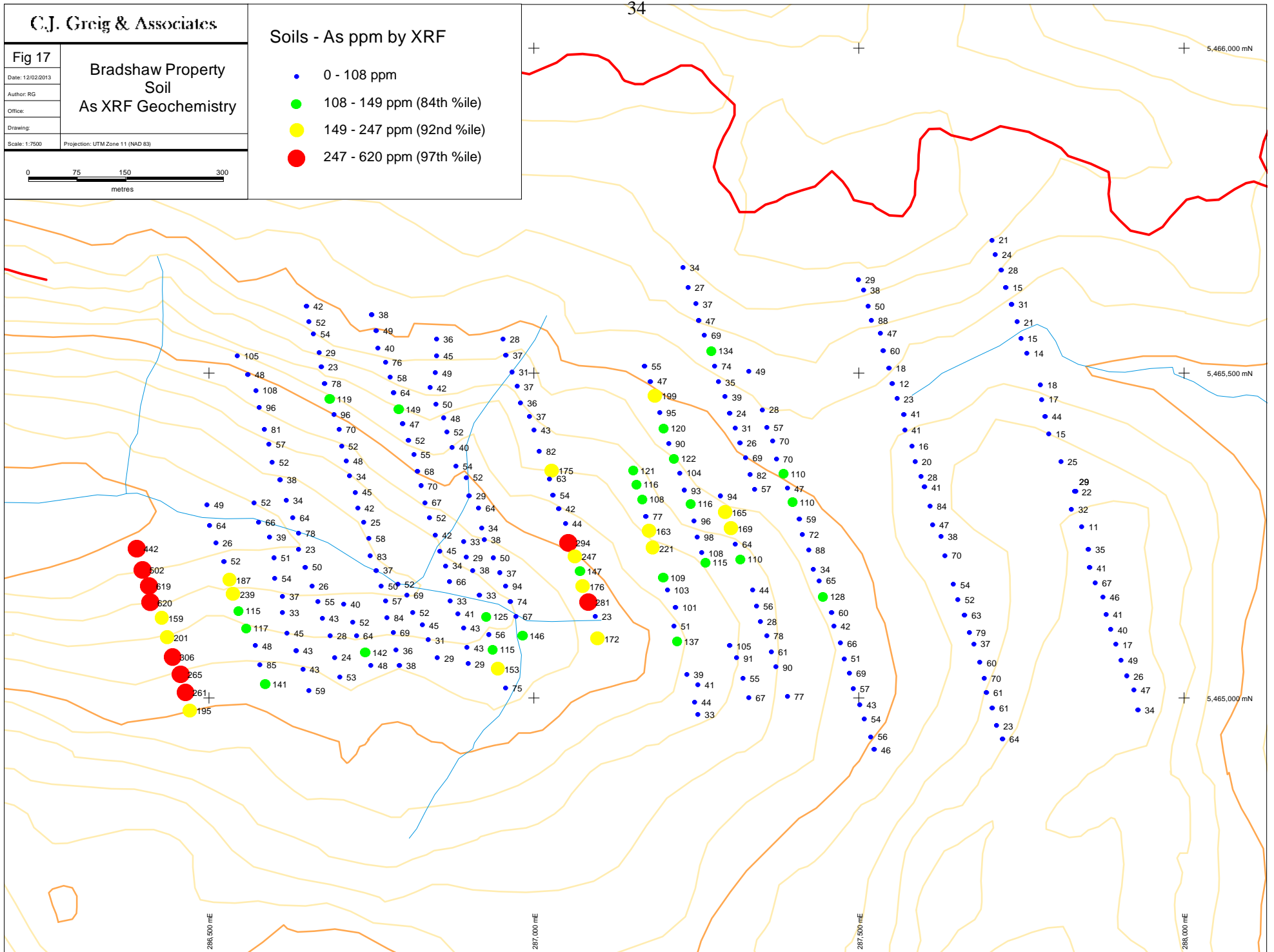
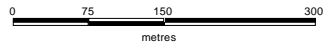
- 0 - 143 ppm
- 143 - 176 ppm (84th %ile)
- 176 - 232 ppm (92nd %ile)
- 232 - 325 ppm (97th %ile)



Bradshaw Property  
Soil  
As XRF Geochemistry

Soils - As ppm by XRF

- 0 - 108 ppm
- 108 - 149 ppm (84th %ile)
- 149 - 247 ppm (92nd %ile)
- 247 - 620 ppm (97th %ile)



Bradshaw Property  
Soil  
Fe XRF Geochemistry

Soils - Fe % by XRF

- 0 - 2.95 %
- 2.95 - 3.21 % (84th %ile)
- 3.21 - 3.54 % (92nd %ile)
- 3.54 - 5.02 % (97th %ile)

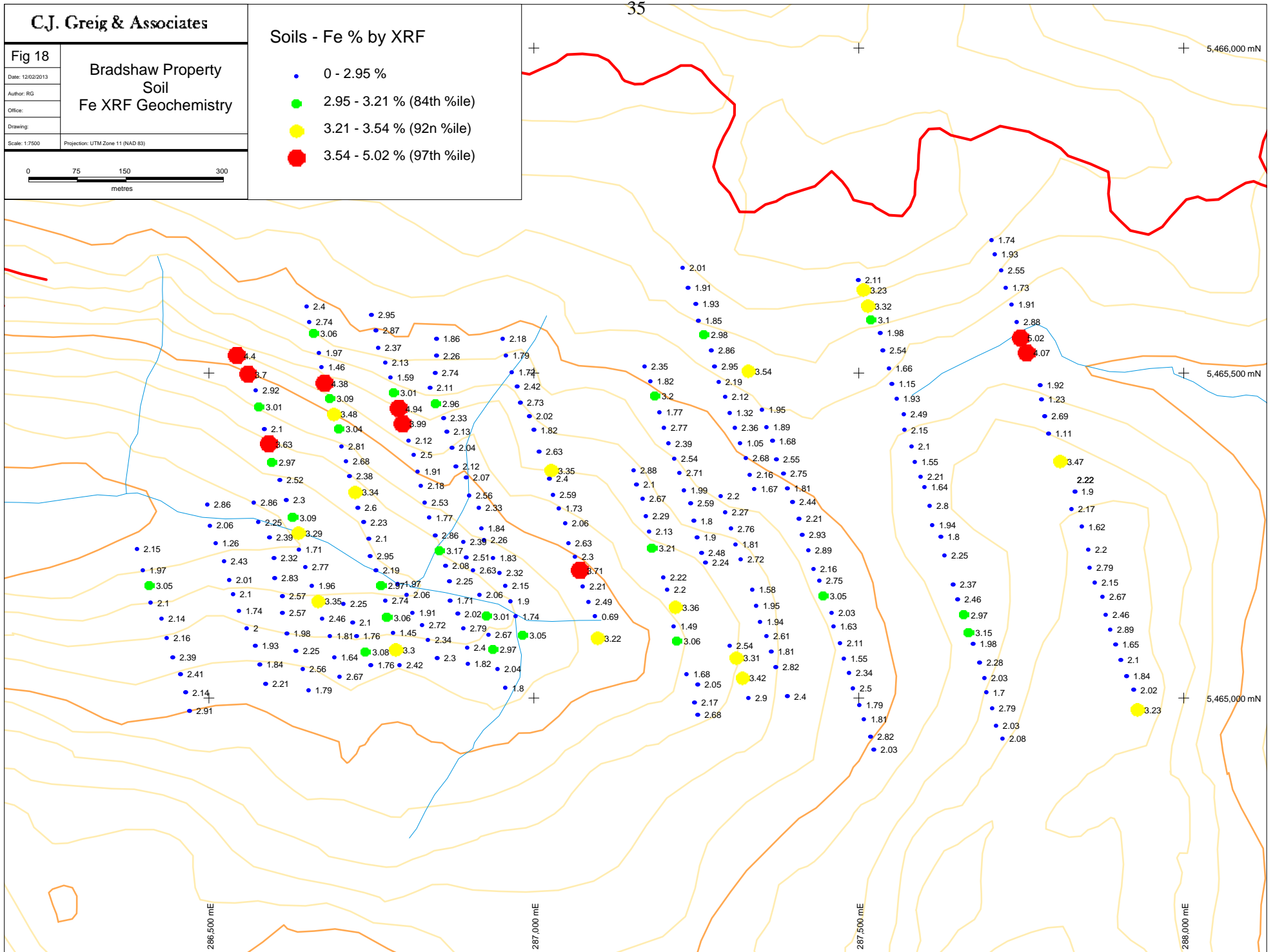
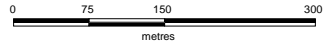


Fig 19

Date: 12/02/2013

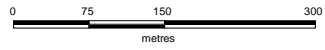
Author: RG

Office:

Drawing:

Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)



Soils - Au ppb by ICP

- 0 - 93 ppb
- 93 - 139 ppb (84th %ile)
- 139 - 248 ppb (92nd %ile)
- 248 - 406 ppb (97th %ile)

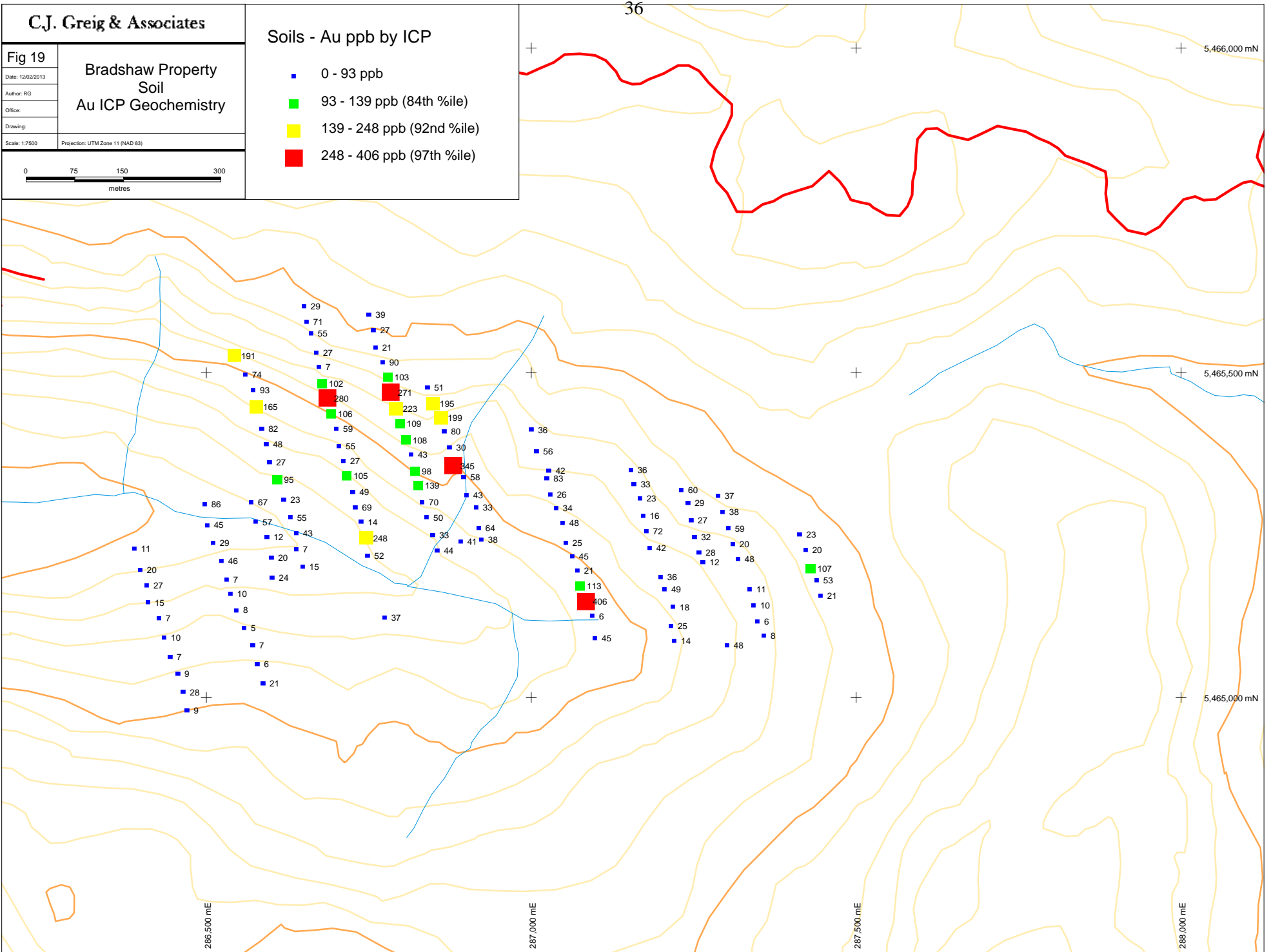


Fig 20

Date: 12/02/2013

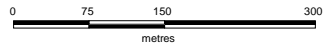
Author: RG

Office:

Drawing:

Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)



Soils - Ag ppm by ICP

- 0 - 0.9 ppm
- 0.9 - 1.0 ppm (84th %ile)
- 1.0 - 1.5 ppm (92nd %ile)
- 1.5 - 2.3 ppm (97th %ile)

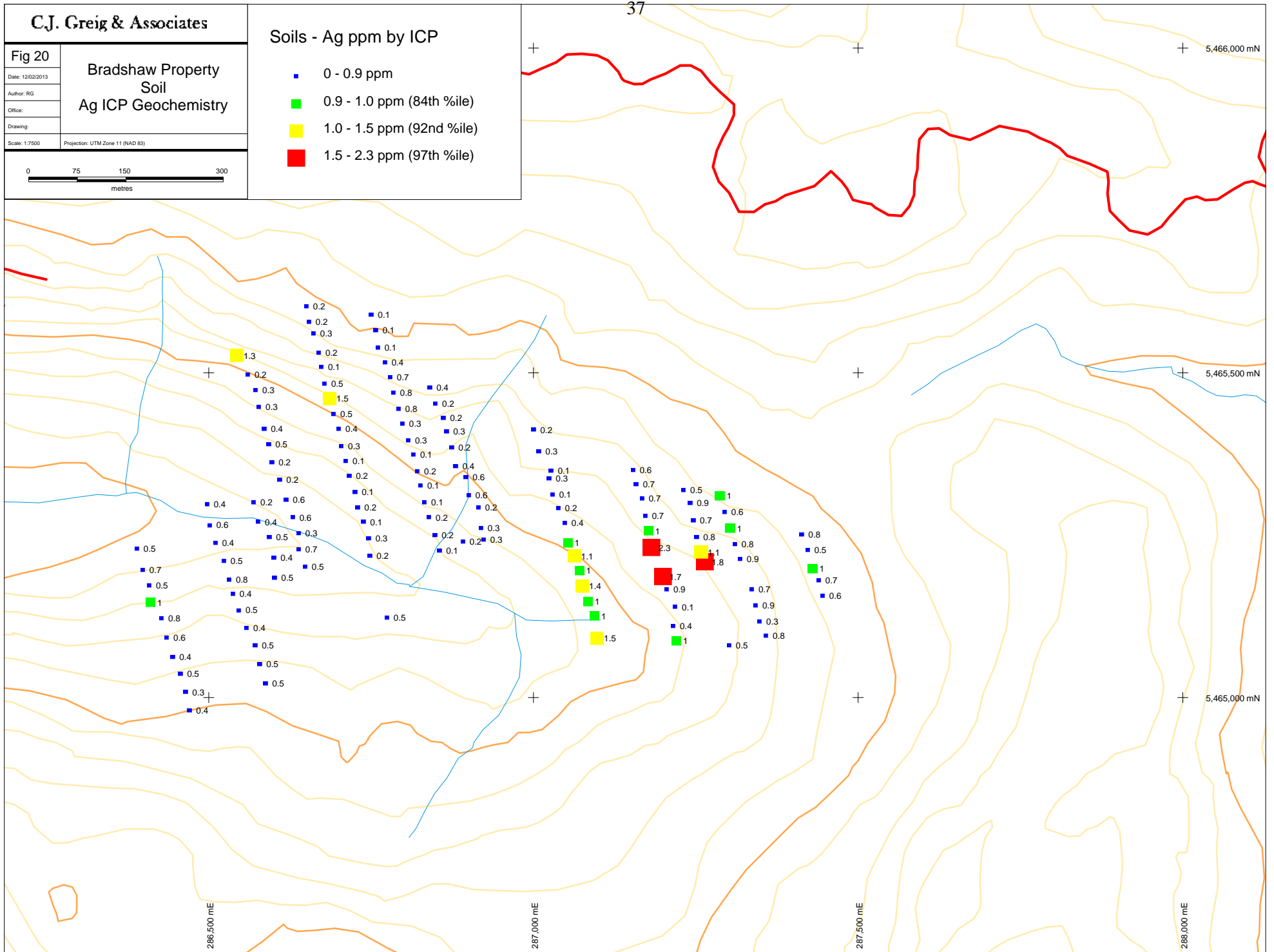


Fig 21

Date: 12/02/2013

Author: RG

Office:

Drawing:

Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)

Bradshaw Property  
Soil  
Cu ICP Geochemistry

Soils - Cu ppm by ICP

- 0 - 70 ppm
- 70 - 85 ppm (84th %ile)
- 85 - 114 ppm (92nd %ile)
- 114 - 152 ppm (97th %ile)

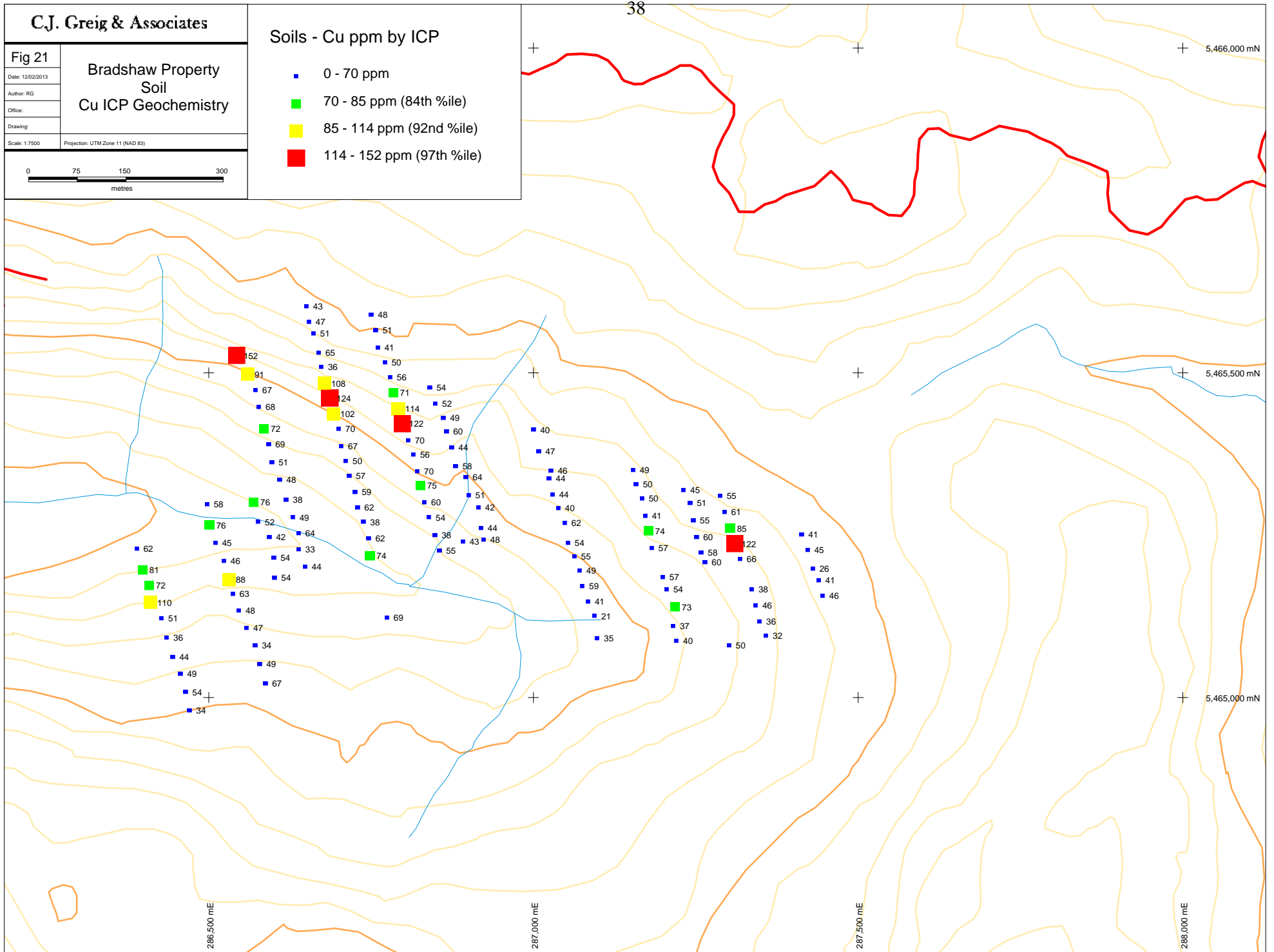
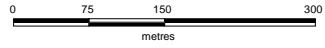


Fig 22

Date: 12/02/2013

Author: RG

Office:

Drawing:

Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)

Bradshaw Property  
Soil  
Pb ICP Geochemistry

Soils - Pb ppm by ICP

- 0 - 42 ppm
- 42 - 56 ppm (84th %ile)
- 56 - 97 ppm (92nd %ile)
- 97 - 158 ppm (97th %ile)

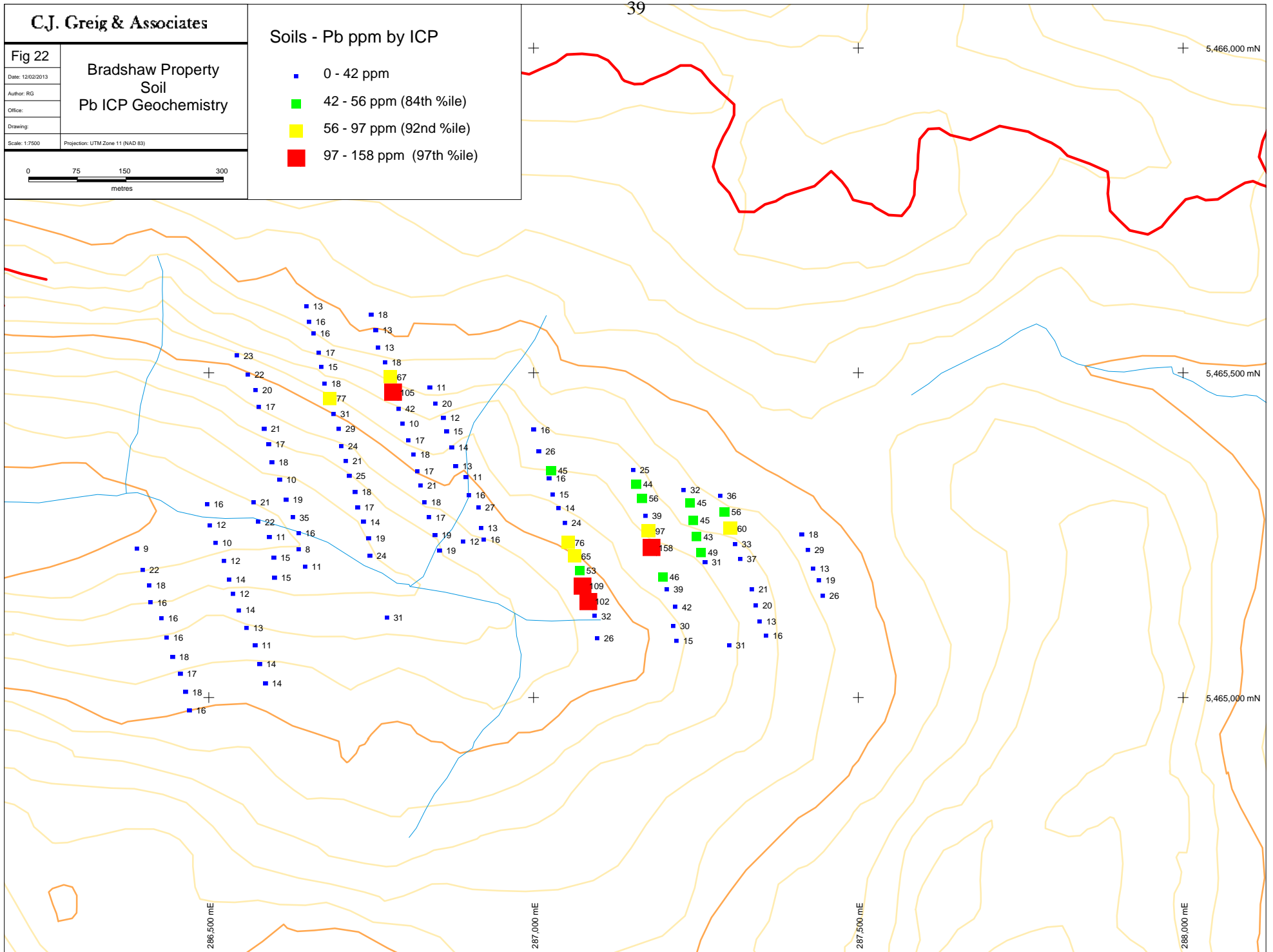
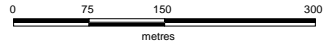
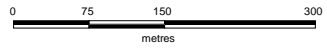


Fig 23

Bradshaw Property  
Soil  
Zn ICP Geochemistry

Date: 12/02/2013  
Author: RG  
Office:  
Drawing:

Scale: 1:7500 Projection: UTM Zone 11 (NAD 83)



Soils - Zn ppm by ICP

- 0 - 211 ppm
- 211 - 278 ppm (84th %ile)
- 278 - 338 ppm (92nd %ile)
- 338 - 414 ppm (97th %ile)

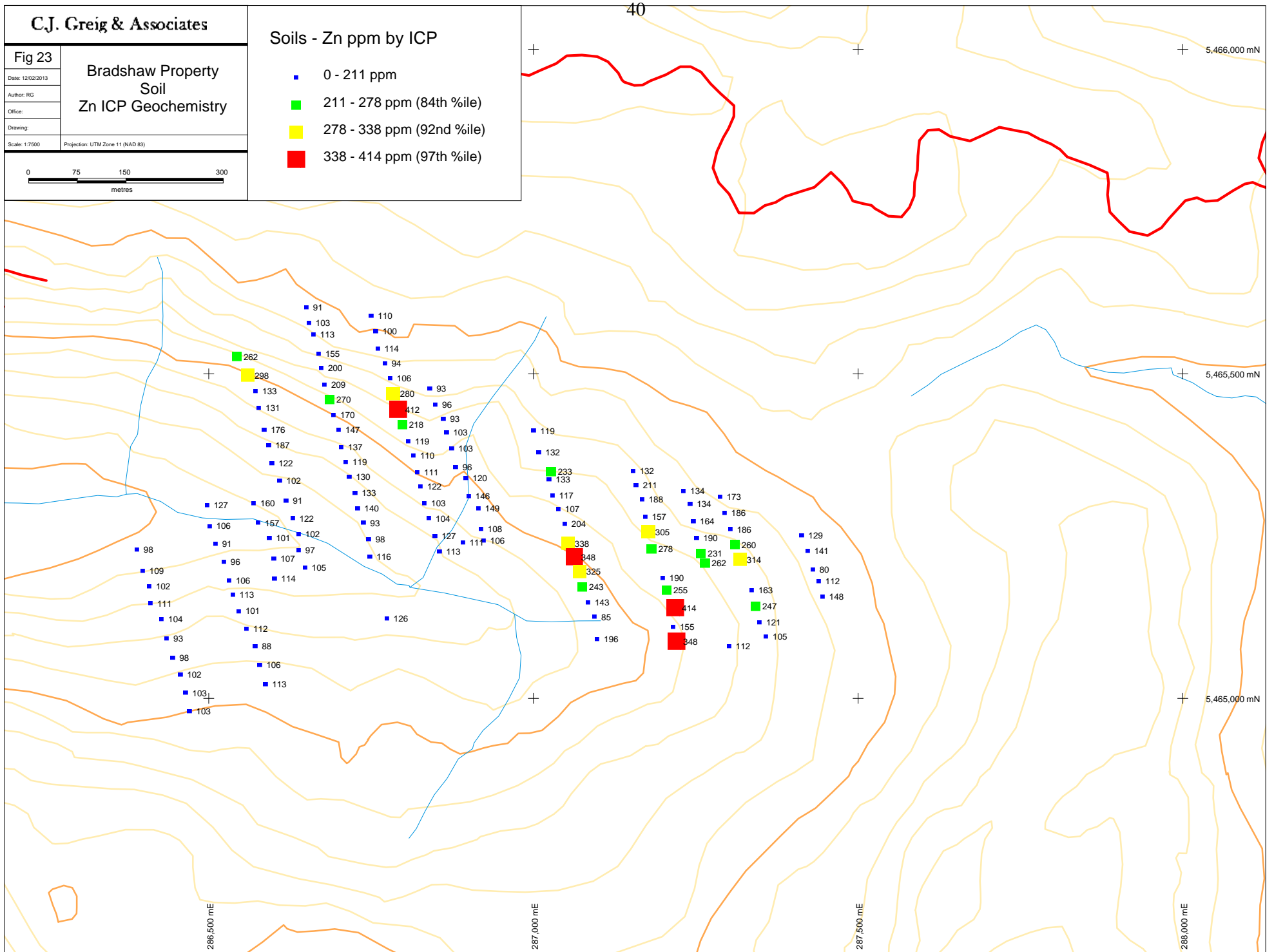


Fig 24

Date: 12/02/2013

Author: RG

Office:

Drawing:

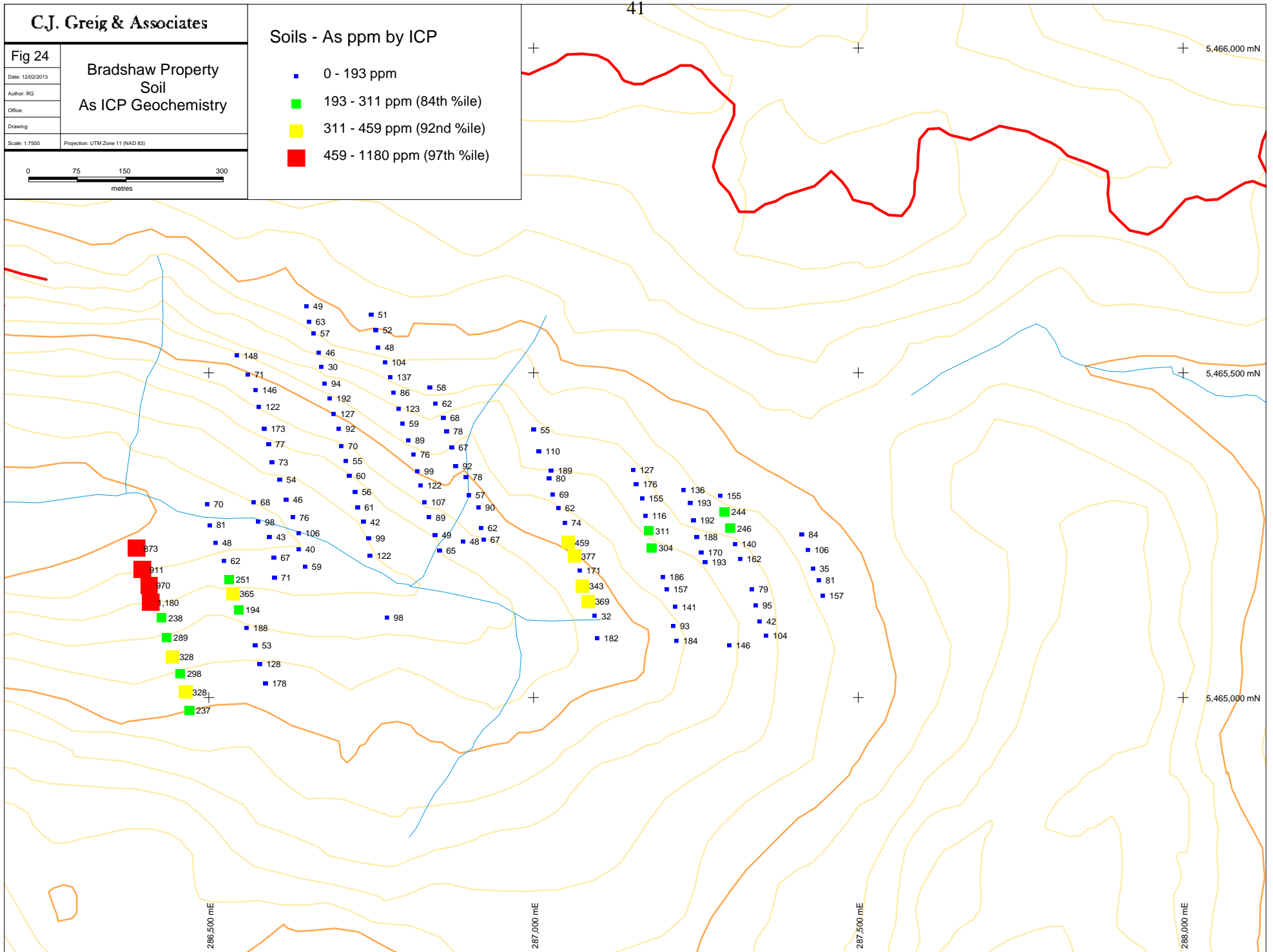
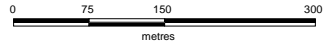
Scale: 1:7500

Projection: UTM Zone 11 (NAD 83)

Bradshaw Property  
Soil  
As ICP Geochemistry

Soils - As ppm by ICP

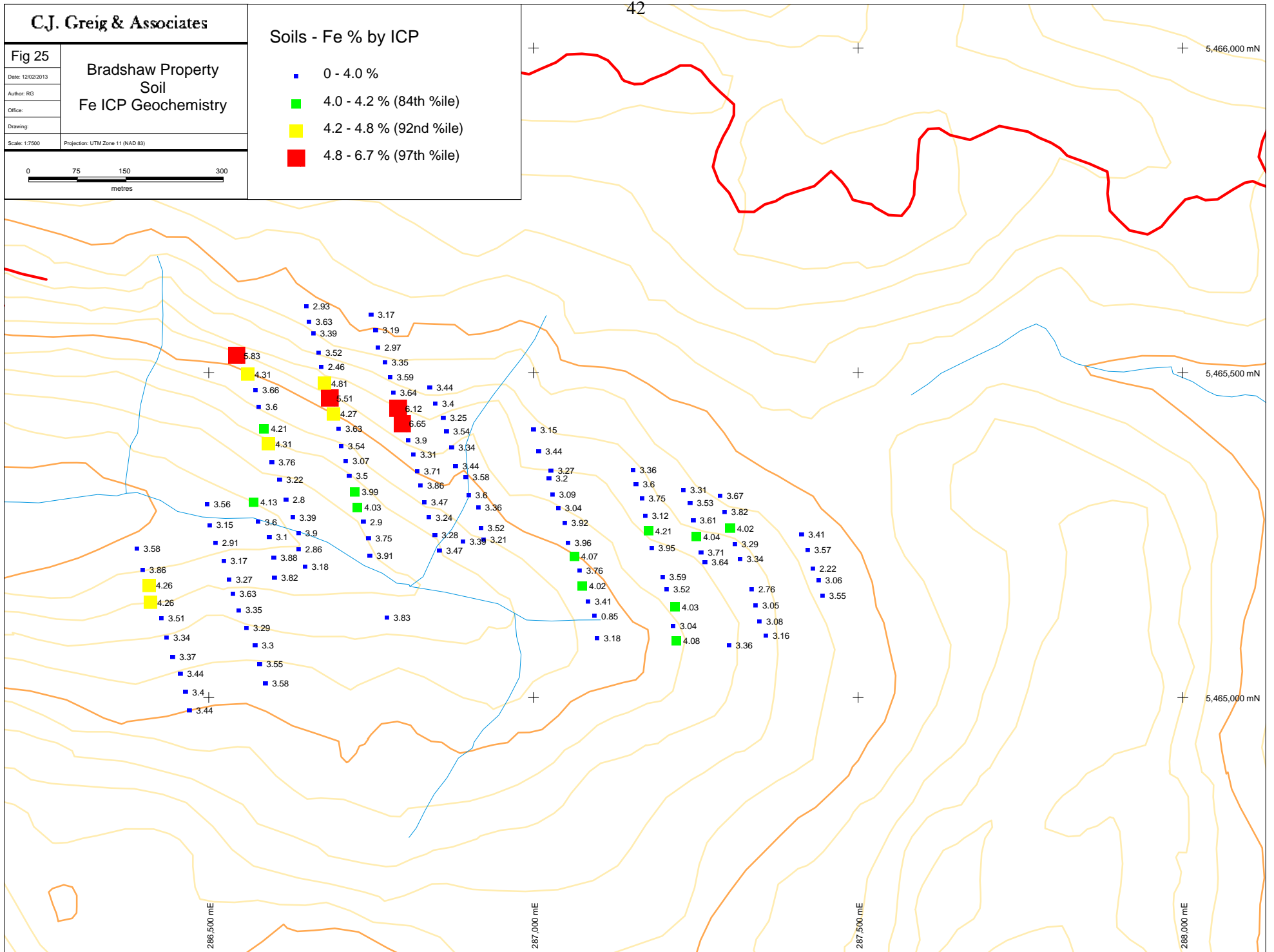
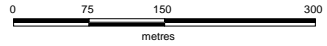
- 0 - 193 ppm
- 193 - 311 ppm (84th %ile)
- 311 - 459 ppm (92nd %ile)
- 459 - 1180 ppm (97th %ile)



Bradshaw Property  
Soil  
Fe ICP Geochemistry

Soils - Fe % by ICP

- 0 - 4.0 %
- 4.0 - 4.2 % (84th %ile)
- 4.2 - 4.8 % (92nd %ile)
- 4.8 - 6.7 % (97th %ile)



**Table 2. Anomalous Thresholds of Various Elements Calculated for ICP and XRF Analytical Results**

|                 |        |        |         |        |        |         |        |        |         |        |         |        |         |
|-----------------|--------|--------|---------|--------|--------|---------|--------|--------|---------|--------|---------|--------|---------|
| Soils           | Zn ICP | Zn XRF | Zn %ile | Pb ICP | Pb XRF | Pb %ile | As ICP | As XRF | As %ile | Ag ICP | Ag %ile | Au ICP | Au %ile |
| Strongly Anom   | 338    | 232    | 97      | 97     | 34     | 97      | 459    | 247    | 97      | 1.5    | 97      | 248    | 97      |
| Moderately Anom | 278    | 176    | 92      | 56     | 20     | 92      | 311    | 149    | 92      | 1.0    | 92      | 139    | 92      |
| Weakly Anom     | 211    | 143    | 84      | 42     | 14     | 84      | 193    | 108    | 84      | 0.9    | 84      | 93     | 84      |
| Background      | <211   | <143   |         | <42    | <14    |         | <193   | <108   |         | <0.9   |         | <93    |         |
| Soils           | Cu ICP | Cu XRF | Cu %ile | Fe ICP | Fe XRF | Fe %ile | Mn ICP | Mn XRF | Mn %ile | Ni ICP | Ni %ile |        |         |
| Strongly Anom   | 114    | 85     | 97      | 4.8    | 3.54   | 97      | 3930   | 2709   | 97      | 93     | 97      |        |         |
| Moderately Anom | 85     | 72     | 92      | 4.2    | 3.21   | 92      | 2550   | 1729   | 92      | 61     | 92      |        |         |
| Weakly Anom     | 70     | 66     | 84      | 4.0    | 2.95   | 84      | 2210   | 1351   | 84      | 53     | 84      |        |         |
| Background      | <70    | <66    |         | <4.0   | <2.95  |         | <2210  | <1351  |         | <53    |         |        |         |

results for soils are consistently lower than ICP results, however, the plots of the percentile anomalies determined for each analytical method produced near identical maps, indicating that the XRF results are accurate and can be accepted with confidence to identify target areas.

The Au plot (Figure 19) has confirmed, and filled in, an east-southeast trending gold anomaly that was previously identified to extend from the Main Zone area. This anomaly is relatively continuous across a moderately steep slope for a distance of up to 800 m. It is probable that there is some downslope movement of the soil on this steep slope so the source of the anomaly is probably at the upslope edge, and this is also where the highest soil values occur; (e.g., 271, 280, 345 and 406 ppb Au). Outcrop is scarce on the slope but it is interpreted to be underlain by chert and siliceous argillite of the Shoemaker Formation. The anomalous trend also has a moderate fit with a somewhat irregular northwest trend of high chargeability indicated by IP surveying. Resistivity along the geochemical trend is low to moderate, possibly due to alteration of the host rocks.

The Ag plot (Figure 20) shows a partial correlation with the Au anomalies but there is a cluster of strongest Ag values to the east of the southeast end of the Au trend. This cluster may be due to metal zonation from Au to Ag along a mineralized structure or, the Ag may be related to a separate mineralized body (see the Pb description below). The strongest Ag values also coincide with an oval-shaped resistivity low that has an east northeast trend.

Plots for Cu (Figures 14 and 21) show a strong correlation with Au along an east-southeast trend. This correlation between Au and Cu is prevalent in many other areas of the property, especially in the Main Zone. On the west side of the grid, weakly and moderately anomalous Cu values are aligned along a possible east-northeast trend over a 200 m length. As well, on the northeast part of the grid, strongly and moderately anomalous Cu XRF values are aligned along a 400 m-long easterly trend between wide-spaced lines.

Plots for Pb (Figures 15 and 22) show a very strong correlation with Ag. There is a cluster of high values (up to 101 ppm Pb) near the head of Bradshaw creek and weakly to moderately anomalous values extending northeast to north-northeast from the cluster over a length of 500 m. A large part of this anomaly coincides with a chargeability high that trends northeasterly. This Pb trend may represent a mineralized structure that possibly intersects a southeast-trending, Au-bearing structure at the location of the clustering of high Pb and Ag values.

Plots for Zn (Figures 16 and 23) show anomalous trends that correlate with both the east-southeast Au-Cu trend and the northeast Pb-Ag trend. A clustering of high Zn values, in the 200 to 300

ppm range, occurs at the intersection of these trends. This cluster is within an area of low resistivity, indicating possible alteration, as well as moderate chargeability, indicating possible disseminated sulphide minerals.

Plots for As (Figures 17 and 24) show a strong correlation, at the head of Bradshaw creek, with Pb, Zn and Ag anomalies that define a broad northeast trend. As well, on the western-most grid line there are strongly and moderately anomalous As values (200 to 600 ppm) over the entire length of the line. Cu shows a weak correlation with As on a part of this line but other elements do not. There is no definitive trend to the As anomaly, however, additional sampling to the west may help define a trend.

Plots for Fe (Figures 18 and 25) correlate strongly with Cu and Au and moderately with Zn, defining the same prominent east-southeast trend shown by those elements. Scattered moderately and weakly anomalous Fe values occur downslope from this trend but there is no definitive pattern. High Zn values on the eastern-most line correlate with high Cu values that may be part of an east-west trending anomaly.

## **8.0 Conclusions**

Previous work has focussed primarily on the Main Zone, and although this area of the property has certainly yielded the best results in exploration to date, the remainder of the property has received relatively little attention. Sampling in the past in the Main Zone has yielded encouraging results, such as the broad intersection in DDH Y86-5 (778 ppb Au over 62.2m) and in the nearby underground workings (2164 ppb Au over 18m), which occur within silicified chert and underlie part of a sizeable geochemical anomaly. Relatively small, gold-bearing quartz-arsenopyrite-pyrite veins have been discovered in the Main Zone and in some places the density of veins may be sufficient to yield the grades necessary to form a bulk-tonnage Au deposit. Altered and brecciated host rocks adjacent to small quartz veins commonly have favourable Au/sulphide ratios and, if considered together with the higher-grade quartz veins, the lower-grade material within altered diorite, stockwork veinlets and silicified brecciated chert have good potential for hosting a bulk tonnage style Au deposit, such as occurs at the Banbury prospect, west of Hedley.

West of the Main Zone, grab samples carrying over 6 g/t Au have been discovered in areas with relatively subdued soil geochemistry. The 2012 soil sampling program has defined an Au-Cu-Zn anomaly, with local Ag-Pb-As values, that extends 800 m southeasterly from the Main Zone. This anomaly has the earmarks of the Main Zone geochemistry and has seen little exploration work due to

limited bedrock exposure. A secondary anomaly cuts this trend with a north-easterly orientation and, although it does not contain high Au values, the strong Pb and Ag values make it a viable target. In addition, the area where this trend intersects the southeast trend has a cluster of multi-element high values, providing an attractive exploration target. The potential for discovery of significant gold-bearing mineralization along this new anomalous trend by excavation or drilling is very good. Further work on the Bradshaw property is definitely warranted.

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# Appendix I

## Part A

Soil Sample

Analytical Results

XRF Analyses

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb     | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|-------|--------|--------|
| M485654 | 287182 | 5465230 | 1915 | < LOD | 3.57   | 125.83 | 3.99   | 95.82  | 3.31   | < LOD | 6.98  | 58.39 | 3.07   | 8.8   | 3.14   | 101.38 | 7.77   | < LOD | 3.69   | 220.73 |
| M485655 | 287177 | 5465256 | 1922 | 4.17  | 2.29   | 130.31 | 3.8    | 73.05  | 2.8    | 6.91  | 4.38  | 57.5  | 2.9    | 4.65  | 2.55   | 42.38  | 5.63   | < LOD | 3.25   | 163.02 |
| M485656 | 287172 | 5465279 | 1930 | 5.09  | 2.66   | 88.96  | 4.01   | 106.68 | 3.93   | < LOD | 6.8   | 37.39 | 2.85   | < LOD | 4.1    | 12.79  | 5.32   | < LOD | 3.67   | 76.88  |
| M485657 | 287167 | 5465306 | 1928 | 5.72  | 2.87   | 116.77 | 4.64   | 110.19 | 4.19   | < LOD | 7.97  | 55.14 | 3.53   | 4.97  | 3.16   | 33.5   | 6.64   | < LOD | 4.13   | 107.84 |
| M485658 | 287158 | 5465328 | 1931 | < LOD | 3.39   | 100.03 | 3.56   | 114.64 | 3.45   | 8.57  | 4.53  | 56.4  | 2.91   | 5.54  | 2.53   | 19.81  | 4.8    | < LOD | 2.95   | 115.65 |
| M485659 | 287153 | 5465350 | 1931 | 3.82  | 2.34   | 125.81 | 3.95   | 124.14 | 3.64   | 7.2   | 4.45  | 49.88 | 2.82   | 8.23  | 2.7    | 18.57  | 4.89   | < LOD | 3.33   | 121.47 |
| M485660 | 287929 | 5464981 | 2063 | 3.77  | 2.36   | 99.52  | 3.75   | 127.24 | 3.79   | < LOD | 6.32  | 37.7  | 2.58   | 4.94  | 2.48   | < LOD  | 6.28   | < LOD | 3.32   | 33.73  |
| M485661 | 287923 | 5465012 | 2067 | < LOD | 3.15   | 90.68  | 3.21   | 87.39  | 2.9    | < LOD | 5.53  | 35.04 | 2.26   | 3.46  | 2.17   | 6.21   | 3.99   | < LOD | 2.89   | 46.65  |
| M485662 | 287912 | 5465033 | 2066 | 5.01  | 2.59   | 108.35 | 4.15   | 124.91 | 4.05   | 6.9   | 4.48  | 28.88 | 2.53   | < LOD | 3.74   | < LOD  | 7.06   | < LOD | 3.47   | 26.37  |
| M485969 | 286389 | 5465229 | 1790 | 4.19  | 2.2    | 98.75  | 3.46   | 118.14 | 3.4    | < LOD | 5.9   | 35.88 | 2.36   | 4.74  | 2.27   | < LOD  | 5.58   | 3.83  | 2.29   | 442.32 |
| M485970 | 286398 | 5465196 | 1809 | 7.47  | 2.31   | 91.86  | 3.41   | 85.42  | 3.03   | 8.69  | 4.13  | 35.54 | 2.43   | 4.01  | 2.31   | < LOD  | 6.03   | < LOD | 3.36   | 501.51 |
| M485971 | 286408 | 5465172 | 1822 | 6.66  | 2.47   | 85.56  | 3.62   | 99.48  | 3.48   | 7.7   | 4.52  | 41.04 | 2.75   | 4.98  | 2.57   | < LOD  | 6.7    | < LOD | 3.81   | 618.62 |
| M485972 | 286410 | 5465146 | 1829 | 7.41  | 2.44   | 95.05  | 3.69   | 103.19 | 3.48   | < LOD | 6.14  | 34.01 | 2.49   | 5.44  | 2.52   | < LOD  | 6.26   | < LOD | 3.52   | 619.54 |
| M485973 | 286427 | 5465122 | 1837 | 4.54  | 2.2    | 106.69 | 3.58   | 140.96 | 3.68   | < LOD | 5.84  | 34.59 | 2.32   | 5.23  | 2.33   | 6.3    | 4.08   | < LOD | 2.99   | 158.9  |
| M485974 | 286435 | 5465092 | 1853 | < LOD | 3.89   | 104.28 | 4.18   | 131.76 | 4.21   | < LOD | 6.94  | 39.36 | 2.86   | 4.13  | 2.71   | 8.84   | 4.98   | < LOD | 3.57   | 201.39 |
| M485975 | 286444 | 5465062 | 1862 | 5.71  | 2.31   | 119.95 | 3.89   | 168.76 | 4.12   | < LOD | 6.23  | 40.66 | 2.54   | 6.19  | 2.5    | 11.81  | 4.47   | < LOD | 3.16   | 306.41 |
| M485976 | 286456 | 5465036 | 1865 | 5.5   | 2.45   | 112.07 | 4.01   | 147.8  | 4.12   | < LOD | 6.57  | 39.37 | 2.67   | 6.3   | 2.64   | 7.76   | 4.58   | < LOD | 3.39   | 265.35 |
| M485977 | 286464 | 5465008 | 1870 | 5.78  | 2.34   | 117.39 | 3.89   | 159.25 | 4.06   | < LOD | 6.24  | 35.85 | 2.46   | 6.54  | 2.52   | < LOD  | 6.43   | < LOD | 3.28   | 261.15 |
| M485978 | 286470 | 5464980 | 1878 | 7.03  | 2.77   | 114.21 | 4.51   | 155.44 | 4.71   | < LOD | 7.41  | 39.05 | 2.97   | 4.18  | 2.76   | < LOD  | 6.99   | < LOD | 4.04   | 195.17 |
| M485979 | 286587 | 5465021 | 1857 | 6.79  | 2.63   | 124.86 | 4.36   | 133.84 | 4.16   | 7.58  | 4.62  | 33.6  | 2.67   | 4.11  | 2.62   | < LOD  | 6.89   | < LOD | 3.58   | 140.95 |
| M485980 | 286578 | 5465051 | 1859 | 5.66  | 2.62   | 112.5  | 4.24   | 129.33 | 4.14   | < LOD | 6.87  | 35.71 | 2.74   | 4.64  | 2.66   | < LOD  | 6.63   | < LOD | 3.47   | 85.17  |
| M485981 | 286571 | 5465080 | 1860 | < LOD | 3.36   | 118.84 | 3.76   | 129.05 | 3.6    | < LOD | 5.88  | 33.45 | 2.32   | 6.15  | 2.41   | < LOD  | 5.96   | < LOD | 2.99   | 47.76  |
| M485982 | 286558 | 5465107 | 1855 | < LOD | 3.41   | 102.34 | 3.63   | 106.09 | 3.39   | < LOD | 5.77  | 26.55 | 2.19   | < LOD | 3.34   | < LOD  | 5.77   | < LOD | 3.12   | 117.04 |
| M485983 | 286546 | 5465134 | 1846 | < LOD | 3.23   | 101.96 | 3.47   | 136.47 | 3.58   | 7.52  | 3.91  | 33.46 | 2.27   | 5.83  | 2.3    | < LOD  | 5.67   | < LOD | 3.02   | 114.86 |
| M485984 | 286537 | 5465159 | 1835 | 6.44  | 2.47   | 118.88 | 4.12   | 166.27 | 4.35   | < LOD | 6.48  | 32.04 | 2.48   | 4.57  | 2.48   | < LOD  | 6.16   | < LOD | 3.39   | 239.45 |
| M485985 | 286531 | 5465181 | 1822 | 3.47  | 2.24   | 111.84 | 3.77   | 174.61 | 4.15   | < LOD | 5.84  | 27.43 | 2.18   | 3.87  | 2.27   | < LOD  | 5.94   | < LOD | 3.2    | 187.4  |
| M485986 | 286523 | 5465210 | 1808 | < LOD | 3.47   | 114.81 | 3.94   | 170.87 | 4.26   | < LOD | 5.87  | 29.12 | 2.28   | 4.61  | 2.39   | < LOD  | 5.92   | < LOD | 3.21   | 51.67  |
| M485987 | 286510 | 5465238 | 1802 | 5.41  | 2.51   | 109.42 | 4.05   | 128.79 | 3.99   | < LOD | 5.98  | 21.74 | 2.19   | 4.2   | 2.52   | < LOD  | 6.56   | < LOD | 3.56   | 26.26  |
| M485988 | 286501 | 5465265 | 1794 | 4.33  | 2.25   | 105.52 | 3.6    | 118.57 | 3.47   | 8.1   | 4.09  | 35.23 | 2.4    | 7.49  | 2.47   | < LOD  | 5.78   | < LOD | 3.32   | 64.1   |
| M485989 | 286497 | 5465297 | 1796 | 3.91  | 2.41   | 120.7  | 4.04   | 141.2  | 3.99   | < LOD | 6.7   | 44.15 | 2.77   | < LOD | 3.69   | 9.51   | 4.61   | < LOD | 3.41   | 48.75  |
| M485990 | 286569 | 5465300 | 1791 | 3.68  | 2.41   | 127.23 | 4.12   | 139.69 | 3.98   | < LOD | 6.41  | 42.11 | 2.69   | < LOD | 3.66   | < LOD  | 6.66   | < LOD | 3.23   | 52.2   |
| M485991 | 286576 | 5465270 | 1791 | 6.1   | 2.31   | 146.1  | 4.01   | 124.03 | 3.51   | < LOD | 6.19  | 47.14 | 2.64   | 6.85  | 2.48   | 7.59   | 4.2    | < LOD | 2.91   | 66.41  |
| M485992 | 286593 | 5465247 | 1798 | < LOD | 3.29   | 71.7   | 3.19   | 99.44  | 3.26   | < LOD | 5.81  | 28.53 | 2.23   | < LOD | 3.37   | < LOD  | 5.91   | < LOD | 3.25   | 39.4   |

| Sample  | As    | As Err | Hg    | Hg Err | Au   | Au Err | Zn    | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err   | Fe     | Fe Err  | Mn    | Mn Err |
|---------|-------|--------|-------|--------|------|--------|-------|--------|-------|-------|-------|--------|-------|--------|--------|----------|--------|---------|-------|--------|
| M485654 | 10.18 | < LOD  | 8.9   | < LOD  | 6.77 | 222.04 | 13.21 | < LOD  | 37.08 | 53.65 | 12.78 | 53.5   | 22.97 | < LOD  | 144.44 | 32085.18 | 257.97 | 1637.96 | 85.45 |        |
| M485655 | 8     | < LOD  | 8.1   | < LOD  | 6.02 | 237.57 | 12.89 | < LOD  | 33.85 | 60.86 | 12.23 | 32.42  | 21.01 | 226.05 | 76.75  | 21295.91 | 200.85 | 1146.44 | 70.14 |        |
| M485656 | 6.96  | < LOD  | 9.68  | < LOD  | 6.58 | 121.35 | 11.8  | < LOD  | 40.68 | < LOD | 21.44 | < LOD  | 39.05 | < LOD  | 139.33 | 22855.67 | 246.64 | 1038.11 | 80.38 |        |
| M485657 | 8.62  | < LOD  | 11.2  | < LOD  | 7.51 | 153.18 | 13.78 | < LOD  | 49.02 | 43.58 | 16.46 | < LOD  | 44.47 | 197.43 | 105.58 | 26662.67 | 279.43 | 961.24  | 84.05 |        |
| M485658 | 6.83  | < LOD  | 8.11  | < LOD  | 5.7  | 157.06 | 11    | < LOD  | 33.41 | 58.36 | 12.21 | < LOD  | 30.95 | 161.87 | 76.33  | 21048.31 | 201.74 | 1661.21 | 81.08 |        |
| M485659 | 7.06  | < LOD  | 8.08  | < LOD  | 6.25 | 121.02 | 10.18 | < LOD  | 34.54 | 57.81 | 12.49 | 52.85  | 22.1  | < LOD  | 133.84 | 28758.18 | 238.92 | 893.4   | 68.04 |        |
| M485660 | 4.75  | < LOD  | 8.71  | < LOD  | 6.58 | 90.38  | 9.57  | < LOD  | 36.37 | 70.83 | 13.53 | < LOD  | 33.87 | 215.08 | 98.09  | 32318.57 | 261.11 | 1779.9  | 88.43 |        |
| M485661 | 4.75  | < LOD  | 7.39  | < LOD  | 5.61 | 80.73  | 8.24  | < LOD  | 30.73 | 48.36 | 11.04 | < LOD  | 28.31 | 147.96 | 71.18  | 20247.34 | 187.88 | 806.64  | 59.98 |        |
| M485662 | 5.01  | < LOD  | 9.39  | < LOD  | 6.51 | 77.4   | 9.82  | < LOD  | 39.61 | 26.58 | 13.65 | < LOD  | 35.65 | 241.77 | 82.17  | 18420.18 | 212.85 | 771.53  | 70.12 |        |
| M485969 | 10.95 | < LOD  | 7.79  | < LOD  | 6.46 | 68.74  | 8.04  | < LOD  | 31.39 | 57.75 | 11.69 | < LOD  | 29.96 | < LOD  | 111.42 | 21521.65 | 199.1  | 2689.89 | 95.71 |        |
| M485970 | 12.01 | < LOD  | 8.44  | < LOD  | 6.71 | 82.99  | 8.85  | < LOD  | 33.4  | 65.89 | 12.6  | < LOD  | 31.34 | 254.32 | 75.25  | 19660.36 | 195.06 | 445.24  | 53.95 |        |
| M485971 | 14.23 | < LOD  | 9.15  | < LOD  | 7.34 | 85.56  | 9.66  | < LOD  | 37.26 | 65.69 | 13.92 | < LOD  | 35.06 | < LOD  | 145.26 | 30451.95 | 259.99 | 996.12  | 74.2  |        |
| M485972 | 13.97 | < LOD  | 8.95  | < LOD  | 6.96 | 82.45  | 9.41  | < LOD  | 36.87 | 84.52 | 14.21 | < LOD  | 33.85 | 294.95 | 82.31  | 21031.34 | 212.83 | 385.05  | 55.63 |        |
| M485973 | 7.15  | < LOD  | 7.46  | < LOD  | 5.97 | 95.51  | 8.91  | < LOD  | 31.99 | 62.16 | 11.77 | < LOD  | 29.21 | 283.62 | 75.73  | 21389.52 | 196.31 | 316.78  | 49.04 |        |
| M485974 | 9.34  | < LOD  | 9.46  | < LOD  | 7.08 | 84.36  | 10.24 | < LOD  | 40.41 | 30.74 | 14.01 | < LOD  | 36.65 | 223.08 | 89.25  | 21622.19 | 233.38 | 466.03  | 63.29 |        |
| M485975 | 9.71  | < LOD  | 8.15  | < LOD  | 6.59 | 104.35 | 9.52  | 37.82  | 22.84 | 53.78 | 12.05 | < LOD  | 30.83 | 333.43 | 82.48  | 23943.34 | 213.84 | 709.11  | 61.21 |        |
| M485976 | 9.68  | < LOD  | 8.77  | < LOD  | 6.59 | 105.55 | 10.19 | < LOD  | 36.64 | 60.52 | 13.53 | < LOD  | 33.83 | 289.98 | 87.7   | 24133.37 | 228.68 | 787.55  | 67.29 |        |
| M485977 | 9.12  | < LOD  | 8.34  | < LOD  | 6.39 | 90.46  | 9.21  | < LOD  | 34.81 | 70.73 | 12.88 | < LOD  | 32.08 | 260.33 | 78.77  | 21402.33 | 204.99 | 714.01  | 61.68 |        |
| M485978 | 9.36  | < LOD  | 10.34 | < LOD  | 7.19 | 101.71 | 11.3  | < LOD  | 43.35 | 32.24 | 15.03 | < LOD  | 41.76 | < LOD  | 156.88 | 29115.58 | 279.31 | 521.72  | 68.1  |        |
| M485979 | 7.88  | < LOD  | 9.58  | < LOD  | 7.08 | 138.53 | 11.92 | < LOD  | 40.6  | 64.37 | 14.87 | < LOD  | 37.15 | 273.83 | 88.89  | 22098.57 | 231.21 | 674.63  | 67.51 |        |
| M485980 | 6.58  | < LOD  | 9.35  | < LOD  | 6.44 | 83.84  | 10.14 | < LOD  | 40.69 | 39.96 | 14.21 | < LOD  | 37.45 | 348.11 | 83.86  | 18352.63 | 213.47 | 522.71  | 63.45 |        |
| M485981 | 4.87  | < LOD  | 8.11  | < LOD  | 5.73 | 73.58  | 8.39  | < LOD  | 32.97 | 41.68 | 11.48 | < LOD  | 29.99 | 403.01 | 75.13  | 19254.96 | 190.25 | 249.91  | 47.5  |        |
| M485982 | 6.54  | < LOD  | 8.31  | < LOD  | 6.39 | 141.51 | 10.75 | < LOD  | 33.66 | 47.53 | 12.22 | < LOD  | 32.05 | 221.42 | 76.47  | 19971.91 | 199.31 | 412.02  | 53.85 |        |
| M485983 | 6.16  | < LOD  | 7.5   | < LOD  | 5.49 | 81.26  | 8.32  | < LOD  | 31.06 | 54.6  | 11.32 | < LOD  | 28.6  | 251.23 | 68.05  | 17433.03 | 175.31 | 323.43  | 48.04 |        |
| M485984 | 9.12  | < LOD  | 8.73  | < LOD  | 6.45 | 112.17 | 10.4  | < LOD  | 37.13 | 46.62 | 13.08 | < LOD  | 33.95 | 332.83 | 82.93  | 21045.9  | 213.41 | 521.29  | 59.65 |        |
| M485985 | 7.72  | < LOD  | 7.94  | < LOD  | 5.95 | 93.3   | 9.08  | < LOD  | 33.46 | 79.93 | 12.78 | < LOD  | 30.96 | 260.11 | 75.01  | 20076.56 | 194.63 | 742.81  | 60.82 |        |
| M485986 | 5.07  | < LOD  | 8.33  | < LOD  | 6    | 98.35  | 9.53  | < LOD  | 34.17 | 57.42 | 12.66 | < LOD  | 32.3  | < LOD  | 124.72 | 24314.79 | 221.36 | 481.83  | 57.35 |        |
| M485987 | 4.71  | < LOD  | 9.05  | < LOD  | 6.31 | 63.98  | 8.96  | < LOD  | 37.51 | 32.48 | 13.19 | < LOD  | 34.64 | 230.54 | 67.8   | 12629.82 | 171.67 | 223.62  | 50.8  |        |
| M485988 | 5.21  | < LOD  | 7.84  | < LOD  | 6.01 | 94.25  | 9.03  | < LOD  | 31.65 | 69.32 | 12.31 | < LOD  | 30.03 | 252.96 | 75.81  | 20635.25 | 197.05 | 421.32  | 53.12 |        |
| M485989 | 5.42  | < LOD  | 8.81  | < LOD  | 6.49 | 119.08 | 10.54 | < LOD  | 37.34 | 59.16 | 13.25 | < LOD  | 34.4  | < LOD  | 137.92 | 28631.34 | 246.36 | 1519.2  | 83.19 |        |
| M485990 | 5.43  | < LOD  | 8.41  | < LOD  | 5.75 | 129.74 | 10.8  | < LOD  | 35.94 | 47.87 | 12.87 | < LOD  | 34.13 | 150.6  | 92.41  | 28592.03 | 246.65 | 1488.9  | 82.85 |        |
| M485991 | 5.43  | < LOD  | 8     | < LOD  | 5.82 | 110.3  | 9.51  | < LOD  | 33.17 | 60.9  | 11.99 | < LOD  | 30.03 | 249.83 | 77.99  | 22457.94 | 203.66 | 556.24  | 56.13 |        |
| M485992 | 4.68  | < LOD  | 8.34  | < LOD  | 6.22 | 89.84  | 9.12  | 35.96  | 23.13 | 46.9  | 11.86 | 79.01  | 21.88 | < LOD  | 120.29 | 23937.85 | 216.39 | 839.71  | 65.83 |        |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| M485993 | 286600 | 5465215 | 1806 | 5.71  | 2.34   | 118.86 | 3.9    | 150.34 | 3.97   | < LOD | 6     | 34.53 | 2.4    | 6.11  | 2.46   | < LOD | 6.03   | < LOD | 3.31   | 51.17  |
| M485994 | 286601 | 5465184 | 1814 | < LOD | 3.37   | 83.4   | 3.42   | 95.19  | 3.27   | < LOD | 6.44  | 42.23 | 2.66   | 3.62  | 2.38   | < LOD | 6.32   | < LOD | 3.2    | 53.82  |
| M485995 | 286613 | 5465156 | 1819 | 6.36  | 2.53   | 134.87 | 4.43   | 200.66 | 4.83   | < LOD | 6.56  | 29.65 | 2.45   | 5.54  | 2.6    | < LOD | 6.51   | < LOD | 3.42   | 36.8   |
| M485996 | 286613 | 5465131 | 1827 | < LOD | 3.4    | 110.66 | 3.82   | 148.21 | 3.96   | < LOD | 6.08  | 32.42 | 2.37   | < LOD | 3.49   | < LOD | 6.36   | < LOD | 3.28   | 33.45  |
| M485997 | 286620 | 5465099 | 1830 | 4.9   | 2.19   | 94.97  | 3.39   | 113.67 | 3.34   | < LOD | 5.44  | 26.47 | 2.08   | < LOD | 3.09   | < LOD | 5.3    | < LOD | 2.87   | 45.09  |
| M485998 | 286634 | 5465072 | 1846 | 5.48  | 2.35   | 107.9  | 3.74   | 111.96 | 3.5    | < LOD | 6.16  | 35.81 | 2.48   | 4.37  | 2.38   | < LOD | 5.93   | < LOD | 3.27   | 43.28  |
| M485999 | 286644 | 5465044 | 1859 | 7.5   | 2.35   | 114.75 | 3.81   | 136.06 | 3.77   | < LOD | 6.17  | 41.14 | 2.56   | < LOD | 3.4    | 7.13  | 4.32   | < LOD | 3.2    | 43.19  |
| M486000 | 286653 | 5465011 | 1877 | 4.23  | 2.2    | 106.71 | 3.55   | 126.67 | 3.5    | < LOD | 5.88  | 35.58 | 2.34   | 6.85  | 2.4    | < LOD | 5.82   | < LOD | 2.86   | 59.46  |
| L998049 | 287853 | 5465228 | 2048 | 6.38  | 2.45   | 108.65 | 3.93   | 140.32 | 4.01   | < LOD | 6.44  | 36.56 | 2.58   | 5.38  | 2.57   | < LOD | 6.76   | < LOD | 3.3    | 35.32  |
| L998300 | 286707 | 5465144 | 1840 | 6.93  | 2.95   | 106.85 | 4.63   | 118.57 | 4.45   | < LOD | 7.5   | 34.79 | 3.02   | 4.99  | 3.01   | < LOD | 7.64   | < LOD | 4.21   | 39.68  |
| L998301 | 286721 | 5465116 | 1846 | 4.84  | 2.22   | 113.25 | 3.61   | 122.7  | 3.45   | < LOD | 6     | 39.76 | 2.44   | 4.88  | 2.31   | < LOD | 6.06   | < LOD | 3      | 52.47  |
| L998302 | 286727 | 5465095 | 1849 | 4.46  | 2.19   | 102.28 | 3.47   | 115.55 | 3.35   | < LOD | 5.65  | 30.56 | 2.2    | 4.67  | 2.24   | < LOD | 5.59   | < LOD | 3.08   | 63.96  |
| L998303 | 286741 | 5465070 | 1851 | < LOD | 3.47   | 134.53 | 4.15   | 201.93 | 4.54   | < LOD | 6.49  | 39.23 | 2.56   | 6.71  | 2.55   | 8.72  | 4.36   | < LOD | 3.02   | 141.52 |
| L998304 | 286749 | 5465050 | 1858 | 5.41  | 2.32   | 101.14 | 3.68   | 137.68 | 3.81   | < LOD | 6.05  | 32.61 | 2.37   | 4.36  | 2.38   | < LOD | 6.31   | < LOD | 3.23   | 47.73  |
| L998305 | 286851 | 5465061 | 1847 | 4.12  | 2.51   | 101.64 | 3.96   | 120.19 | 3.89   | 7.64  | 4.57  | 37.12 | 2.72   | 4.7   | 2.61   | < LOD | 6.67   | < LOD | 3.41   | 28.51  |
| L998306 | 286837 | 5465089 | 1848 | < LOD | 3.36   | 128.28 | 3.91   | 129.04 | 3.64   | < LOD | 6.07  | 38.39 | 2.47   | 5.29  | 2.39   | < LOD | 6.02   | < LOD | 3.08   | 31.41  |
| L998307 | 286828 | 5465112 | 1835 | < LOD | 3.27   | 104.03 | 3.57   | 120.59 | 3.48   | 7.8   | 4.1   | 36.97 | 2.43   | 4.04  | 2.29   | < LOD | 5.94   | < LOD | 3.07   | 45.13  |
| L998308 | 286813 | 5465131 | 1832 | < LOD | 3.26   | 112.39 | 3.66   | 152.18 | 3.81   | 6.03  | 3.88  | 31.64 | 2.24   | 6.26  | 2.38   | < LOD | 6.11   | < LOD | 3.04   | 51.81  |
| L998309 | 286804 | 5465158 | 1821 | 3.35  | 2.23   | 106.82 | 3.66   | 139.96 | 3.75   | < LOD | 6.06  | 39.12 | 2.47   | 6.11  | 2.44   | 6.69  | 4.25   | < LOD | 3.24   | 69.4   |
| L998310 | 286790 | 5465175 | 1821 | 6.14  | 2.28   | 96.88  | 3.56   | 137.56 | 3.74   | < LOD | 6.07  | 36.56 | 2.43   | 5.79  | 2.4    | < LOD | 5.87   | < LOD | 3.1    | 52.41  |
| L998311 | 286793 | 5465050 | 1860 | 4.32  | 2.47   | 133.13 | 4.14   | 87.13  | 3.25   | 10.14 | 4.66  | 46.03 | 2.87   | 6.51  | 2.64   | < LOD | 6.53   | < LOD | 3.46   | 38.45  |
| L998312 | 286788 | 5465073 | 1854 | 6.18  | 2.4    | 129.22 | 4.06   | 144.4  | 3.94   | < LOD | 6.6   | 45.45 | 2.74   | 4.99  | 2.47   | < LOD | 6.31   | < LOD | 3.23   | 35.84  |
| L998313 | 286783 | 5465100 | 1844 | 6.24  | 2.26   | 104.45 | 3.6    | 139.82 | 3.72   | < LOD | 5.75  | 30.24 | 2.23   | 5.05  | 2.33   | < LOD | 6.01   | < LOD | 3.17   | 69.01  |
| L998314 | 286774 | 5465123 | 1841 | < LOD | 3.4    | 110.7  | 3.76   | 127.82 | 3.67   | < LOD | 6.29  | 42.68 | 2.62   | 4.94  | 2.48   | 17.29 | 4.79   | < LOD | 3.31   | 84.33  |
| L998315 | 286771 | 5465149 | 1837 | 5.89  | 2.28   | 96.97  | 3.64   | 170.45 | 4.15   | < LOD | 6.04  | 31.81 | 2.32   | 4.55  | 2.33   | < LOD | 5.86   | < LOD | 3.06   | 57.28  |
| L998316 | 286765 | 5465172 | 1829 | < LOD | 3.55   | 127.23 | 4.2    | 192.96 | 4.59   | 7.26  | 4.47  | 37.06 | 2.59   | 5.58  | 2.54   | < LOD | 6.5    | < LOD | 3.54   | 50.02  |
| L998317 | 286757 | 5465196 | 1820 | 5.09  | 2.66   | 112.79 | 4.33   | 129.6  | 4.22   | < LOD | 6.8   | 32.05 | 2.67   | < LOD | 3.9    | < LOD | 7.06   | < LOD | 3.86   | 37.47  |
| L998318 | 286748 | 5465218 | 1816 | < LOD | 3.47   | 87.76  | 3.49   | 83.79  | 3.13   | 7.68  | 4.37  | 42.21 | 2.7    | 4.53  | 2.44   | < LOD | 6.06   | < LOD | 3.49   | 82.76  |
| L998319 | 286746 | 5465245 | 1823 | < LOD | 3.22   | 95.44  | 3.32   | 86.96  | 2.94   | < LOD | 5.77  | 36.77 | 2.34   | 4.62  | 2.27   | < LOD | 5.98   | < LOD | 2.93   | 57.86  |
| L998320 | 286738 | 5465270 | 1829 | < LOD | 3.28   | 73.16  | 3.24   | 105.65 | 3.37   | < LOD | 5.68  | 29.07 | 2.24   | 3.68  | 2.29   | < LOD | 5.98   | < LOD | 3.06   | 25.06  |
| L998321 | 286729 | 5465292 | 1833 | 4.91  | 2.32   | 107.37 | 3.71   | 122.39 | 3.6    | < LOD | 6.8   | 56.62 | 2.95   | 5.61  | 2.51   | 8.24  | 4.41   | < LOD | 3.27   | 41.92  |
| L998322 | 286725 | 5465316 | 1838 | < LOD | 3.45   | 102.37 | 3.69   | 129.4  | 3.71   | 7.53  | 4.6   | 57.07 | 2.97   | 7.68  | 2.6    | < LOD | 6.12   | < LOD | 3.35   | 44.56  |
| L998323 | 286716 | 5465341 | 1836 | < LOD | 3.8    | 74.65  | 3.66   | 97.68  | 3.66   | < LOD | 6.86  | 33.44 | 2.69   | 5.24  | 2.71   | < LOD | 6.89   | < LOD | 3.76   | 33.84  |

| Sample  | As   | As Err | Hg    | Hg Err | Au   | Au Err | Zn    | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err   | Fe     | Fe Err  | Mn    | Mn Err |
|---------|------|--------|-------|--------|------|--------|-------|--------|-------|-------|-------|--------|-------|--------|--------|----------|--------|---------|-------|--------|
| M485993 | 5.05 | < LOD  | 8.24  | < LOD  | 5.82 | 95.25  | 9.33  | < LOD  | 34.21 | 45.76 | 12.12 | < LOD  | 32.77 | 305.07 | 82.45  | 23221.23 | 214.06 | 428.77  | 55.02 |        |
| M485994 | 5.29 | < LOD  | 8.33  | < LOD  | 6.43 | 104.23 | 9.75  | < LOD  | 33.77 | 49.2  | 12.31 | 40.46  | 21.91 | < LOD  | 134.11 | 28334.52 | 240.67 | 1147.71 | 74.83 |        |
| M485995 | 4.99 | < LOD  | 8.7   | < LOD  | 6.07 | 104.21 | 10.25 | < LOD  | 36.61 | 53.43 | 13.59 | < LOD  | 35.12 | < LOD  | 134.46 | 25740.59 | 239.56 | 873.41  | 70.72 |        |
| M485996 | 4.7  | < LOD  | 8.27  | < LOD  | 6.03 | 102.05 | 9.63  | < LOD  | 34.79 | 53.47 | 12.35 | < LOD  | 31.33 | < LOD  | 127.18 | 25686.51 | 226.05 | 712.49  | 63.04 |        |
| M485997 | 4.53 | < LOD  | 7.69  | < LOD  | 5.44 | 74.47  | 8.24  | < LOD  | 32.08 | 40.45 | 11.23 | < LOD  | 29.86 | 161.9  | 72.28  | 19828.14 | 190.08 | 480.81  | 53.25 |        |
| M485998 | 4.84 | < LOD  | 8.19  | < LOD  | 6.11 | 77.56  | 8.84  | < LOD  | 34.41 | 49.62 | 12.45 | < LOD  | 32.31 | 259.89 | 81.76  | 22511.78 | 213.21 | 480.96  | 56.75 |        |
| M485999 | 4.99 | < LOD  | 8.19  | < LOD  | 5.74 | 66.93  | 8.31  | < LOD  | 33.5  | 42.35 | 11.85 | < LOD  | 31.46 | 225.01 | 84.88  | 25575.15 | 223.43 | 364.5   | 53.25 |        |
| M486000 | 5.06 | < LOD  | 7.63  | < LOD  | 5.47 | 88.63  | 8.66  | < LOD  | 31.27 | 54.94 | 11.6  | < LOD  | 29.48 | 288.56 | 70.22  | 17893.44 | 180.14 | 447.63  | 52.47 |        |
| L998049 | 5    | < LOD  | 8.6   | < LOD  | 5.94 | 74.51  | 9.13  | < LOD  | 36.66 | 97.82 | 14.57 | < LOD  | 32.56 | 361.32 | 84.67  | 21997.96 | 217.58 | 451.06  | 57.59 |        |
| L998300 | 5.99 | < LOD  | 10.81 | < LOD  | 7.23 | 82.17  | 11.31 | < LOD  | 46.75 | < LOD | 24.69 | < LOD  | 44.91 | < LOD  | 148.64 | 22516.49 | 263.69 | 597.01  | 74.51 |        |
| L998301 | 4.96 | < LOD  | 7.75  | < LOD  | 5.52 | 81.75  | 8.47  | < LOD  | 31.81 | 57.16 | 11.58 | < LOD  | 29.1  | 285.56 | 75.08  | 20972.11 | 194.42 | 407.94  | 51.68 |        |
| L998302 | 5.08 | < LOD  | 7.76  | < LOD  | 5.68 | 138.35 | 10.13 | < LOD  | 32.16 | 49.1  | 11.35 | < LOD  | 29.23 | 174.58 | 68.21  | 17624.59 | 178.11 | 418.95  | 51.28 |        |
| L998303 | 7.18 | < LOD  | 8.23  | < LOD  | 6.51 | 187.77 | 11.94 | < LOD  | 35.1  | 49.58 | 12.14 | 54.07  | 21.92 | < LOD  | 136.32 | 30840.97 | 245.27 | 1280.21 | 75.62 |        |
| L998304 | 5.07 | < LOD  | 8.55  | < LOD  | 5.95 | 144.04 | 10.89 | 39.82  | 23.91 | 48.37 | 12.29 | < LOD  | 31.88 | 135.14 | 71.2   | 17602.56 | 187.16 | 510.89  | 56.45 |        |
| L998305 | 4.86 | < LOD  | 9.15  | < LOD  | 6.43 | 89.61  | 10.05 | < LOD  | 39.26 | 51.05 | 13.91 | < LOD  | 36.75 | 146.57 | 87.53  | 23016.98 | 232.05 | 889.44  | 72.64 |        |
| L998306 | 4.46 | < LOD  | 7.74  | < LOD  | 5.71 | 67.59  | 8.14  | < LOD  | 31.31 | 31.38 | 11.27 | < LOD  | 30.66 | < LOD  | 118.63 | 23366.44 | 211.51 | 448.4   | 54.79 |        |
| L998307 | 4.79 | < LOD  | 7.73  | < LOD  | 6.03 | 67.97  | 8.08  | < LOD  | 31.35 | 47.29 | 11.54 | < LOD  | 30.3  | < LOD  | 125.76 | 27231.32 | 225.19 | 501.67  | 56.1  |        |
| L998308 | 4.97 | < LOD  | 7.78  | < LOD  | 5.68 | 116.02 | 9.58  | 52.73  | 22.47 | 48.59 | 11.37 | < LOD  | 30.09 | 271.53 | 71.86  | 19053.22 | 185.58 | 592.12  | 56.16 |        |
| L998309 | 5.54 | < LOD  | 7.93  | < LOD  | 5.8  | 117.78 | 9.76  | < LOD  | 32.53 | 52.54 | 11.73 | 36.48  | 20.75 | 258.18 | 75.89  | 20613.77 | 197.27 | 798.04  | 63.13 |        |
| L998310 | 4.98 | < LOD  | 8.16  | < LOD  | 5.9  | 123.39 | 10.03 | < LOD  | 33.61 | 42.24 | 11.73 | < LOD  | 30.75 | 227.63 | 74.57  | 19737.11 | 194.21 | 649.12  | 58.84 |        |
| L998311 | 5.01 | < LOD  | 9.09  | < LOD  | 6.43 | 111.55 | 10.43 | < LOD  | 37.45 | 73.22 | 13.87 | 36.54  | 23.48 | 299.65 | 88.07  | 24166.77 | 229.22 | 435.39  | 58.7  |        |
| L998312 | 4.77 | < LOD  | 8.35  | < LOD  | 6.43 | 143.8  | 10.93 | < LOD  | 34.68 | 47.74 | 12.34 | 48.37  | 22.56 | 200.59 | 96.79  | 32956.26 | 257.86 | 1135.04 | 74.32 |        |
| L998313 | 5.39 | < LOD  | 7.61  | < LOD  | 5.8  | 169.97 | 11.11 | < LOD  | 31.66 | 47.42 | 11.61 | < LOD  | 29.7  | 317.05 | 65.56  | 14543.42 | 165.05 | 513.29  | 54.12 |        |
| L998314 | 6.24 | < LOD  | 8.03  | < LOD  | 6.11 | 128    | 10.31 | < LOD  | 33.56 | 63.49 | 12.56 | 43.93  | 21.89 | 194.27 | 92.13  | 30597.38 | 244.95 | 728.09  | 63.77 |        |
| L998315 | 5.12 | < LOD  | 7.79  | < LOD  | 5.87 | 134    | 10.34 | < LOD  | 32.78 | 59.75 | 12.34 | < LOD  | 31.34 | < LOD  | 127.98 | 27374.14 | 229.3  | 1442.78 | 77.27 |        |
| L998316 | 5.26 | < LOD  | 8.52  | < LOD  | 6.37 | 135.29 | 10.86 | < LOD  | 35.21 | 50.72 | 12.8  | 57.71  | 23.26 | 164.04 | 93.41  | 29721.21 | 249.05 | 1116.76 | 74.67 |        |
| L998317 | 5.42 | < LOD  | 9.9   | < LOD  | 6.76 | 104.67 | 11.17 | < LOD  | 42.81 | 54.9  | 15.21 | < LOD  | 39.3  | < LOD  | 133.56 | 21915.95 | 237.28 | 470.29  | 64.1  |        |
| L998318 | 5.97 | < LOD  | 8.53  | < LOD  | 6.62 | 85.46  | 9.34  | < LOD  | 36.12 | 70.63 | 13.4  | 43.65  | 22.78 | < LOD  | 139.12 | 29505.69 | 248.47 | 1047.03 | 73.22 |        |
| L998319 | 5.06 | < LOD  | 7.87  | < LOD  | 5.75 | 78.53  | 8.33  | < LOD  | 31.82 | 63.61 | 11.72 | < LOD  | 29.69 | 252.39 | 74.5   | 21019.67 | 193.86 | 502.12  | 53.71 |        |
| L998320 | 4.29 | < LOD  | 7.83  | < LOD  | 5.94 | 85.55  | 8.9   | < LOD  | 32.28 | 22.94 | 11.15 | < LOD  | 31.03 | < LOD  | 116.45 | 22265.27 | 209.96 | 1161.05 | 72.58 |        |
| L998321 | 5.01 | < LOD  | 8.29  | < LOD  | 6.13 | 122.34 | 10.19 | < LOD  | 34.25 | 69.37 | 12.71 | 37.37  | 21.71 | 271.03 | 86.34  | 26027.9  | 226.59 | 1150.6  | 73.22 |        |
| L998322 | 4.9  | < LOD  | 8.28  | < LOD  | 5.77 | 127.71 | 10.37 | < LOD  | 34.27 | 53.44 | 12.34 | < LOD  | 32.57 | 152.98 | 95.98  | 33358.59 | 257.13 | 1639.31 | 83.39 |        |
| L998323 | 5.2  | < LOD  | 10.11 | < LOD  | 6.95 | 94.67  | 10.64 | < LOD  | 41.39 | 49.16 | 14.62 | < LOD  | 38.19 | < LOD  | 136.58 | 23816.46 | 244.39 | 1275.37 | 84.77 |        |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L998324 | 286711 | 5465364 | 1843 | < LOD | 3.33   | 104.34 | 3.7    | 165.52 | 4.07   | < LOD | 6.41  | 46.63 | 2.68   | 4.49  | 2.4    | 8.98  | 4.36   | < LOD | 3.21   | 48.15  |
| L998325 | 286704 | 5465387 | 1859 | < LOD | 3.43   | 115.81 | 3.81   | 131.19 | 3.7    | 6.93  | 4.41  | 50.01 | 2.79   | 5.68  | 2.53   | 16.73 | 4.73   | < LOD | 3.1    | 51.59  |
| L998326 | 286700 | 5465413 | 1878 | < LOD | 3.48   | 98.42  | 3.77   | 131.61 | 3.88   | < LOD | 7.19  | 58.01 | 3.11   | < LOD | 3.76   | 12.57 | 4.79   | < LOD | 3.56   | 69.97  |
| L998327 | 286692 | 5465436 | 1882 | 4.64  | 2.38   | 107.77 | 3.85   | 137.04 | 3.9    | < LOD | 7.22  | 64.43 | 3.2    | 6.19  | 2.65   | 12.41 | 4.74   | < LOD | 3.5    | 95.93  |
| L998328 | 286686 | 5465460 | 1897 | 3.72  | 2.44   | 131.02 | 4.18   | 139.54 | 3.99   | 7.82  | 4.88  | 60.23 | 3.17   | 4.65  | 2.68   | 30.38 | 5.56   | < LOD | 3.55   | 118.56 |
| L998329 | 286678 | 5465483 | 1910 | 4.39  | 2.7    | 120.67 | 4.49   | 142.73 | 4.44   | 8.3   | 5.47  | 62.93 | 3.56   | 6.21  | 2.92   | < LOD | 7.09   | < LOD | 3.91   | 78.38  |
| L998330 | 286673 | 5465509 | 1920 | 5.48  | 2.32   | 89.76  | 3.67   | 193.91 | 4.5    | < LOD | 6.32  | 34.57 | 2.45   | < LOD | 3.46   | < LOD | 6.24   | < LOD | 3.09   | 23.1   |
| L998331 | 286669 | 5465531 | 1935 | 5.81  | 2.52   | 111.16 | 4.02   | 114.68 | 3.76   | < LOD | 6.96  | 43.71 | 2.85   | 4.88  | 2.59   | < LOD | 6.5    | < LOD | 3.49   | 28.82  |
| L998332 | 286661 | 5465560 | 1952 | 3.84  | 2.38   | 120.29 | 3.96   | 127.16 | 3.75   | 8.99  | 4.76  | 57.8  | 3.06   | 6.17  | 2.6    | < LOD | 6.63   | < LOD | 3.37   | 54.17  |
| L998333 | 286654 | 5465578 | 1954 | 4.02  | 2.35   | 107.79 | 3.76   | 106.26 | 3.45   | < LOD | 6.52  | 51.01 | 2.86   | 6.09  | 2.55   | < LOD | 6.3    | < LOD | 3.22   | 51.63  |
| L998334 | 286650 | 5465602 | 1971 | < LOD | 3.28   | 105.64 | 3.54   | 113.32 | 3.36   | < LOD | 6.13  | 42.83 | 2.53   | 5.6   | 2.36   | < LOD | 5.85   | < LOD | 3.11   | 42.01  |
| L998335 | 286750 | 5465589 | 1984 | < LOD | 3.57   | 110.81 | 3.92   | 133.46 | 3.89   | < LOD | 6.75  | 50.51 | 2.91   | 6.37  | 2.65   | 10.29 | 4.63   | < LOD | 3.15   | 38.36  |
| L998336 | 286757 | 5465565 | 1981 | < LOD | 3.44   | 114.81 | 3.8    | 146.22 | 3.87   | 10.15 | 4.6   | 53.72 | 2.88   | 5.86  | 2.48   | < LOD | 6.25   | < LOD | 3.25   | 49.43  |
| L998337 | 286760 | 5465538 | 1979 | 5.49  | 2.59   | 108.94 | 4.14   | 116.7  | 3.93   | < LOD | 6.98  | 45.15 | 2.97   | < LOD | 3.74   | < LOD | 6.91   | < LOD | 3.56   | 40.28  |
| L998338 | 286771 | 5465516 | 1965 | < LOD | 3.33   | 104.54 | 3.59   | 117.91 | 3.47   | 6.41  | 4.21  | 45.96 | 2.65   | 4.43  | 2.37   | 7.73  | 4.28   | < LOD | 3.21   | 75.6   |
| L998339 | 286779 | 5465493 | 1950 | 4.95  | 2.17   | 58.8   | 2.83   | 59.27  | 2.52   | 5.97  | 3.85  | 34.43 | 2.33   | 4.95  | 2.39   | 21.22 | 4.76   | < LOD | 3.03   | 57.82  |
| L998340 | 286784 | 5465469 | 1930 | < LOD | 3.37   | 106.41 | 3.67   | 119.18 | 3.53   | 9.63  | 4.67  | 60.17 | 3.02   | 4.73  | 2.65   | 53.78 | 6.08   | < LOD | 3.17   | 64.09  |
| L998341 | 286792 | 5465444 | 1906 | 5.86  | 2.57   | 158.74 | 4.56   | 122.01 | 3.84   | < LOD | 7.63  | 68.25 | 3.41   | < LOD | 4.05   | 30.59 | 5.68   | < LOD | 3.68   | 149.19 |
| L998342 | 286798 | 5465421 | 1904 | 4.97  | 2.42   | 107.44 | 3.8    | 94.64  | 3.34   | < LOD | 6.98  | 59.61 | 3.12   | 3.86  | 2.48   | < LOD | 6.37   | < LOD | 3.39   | 46.6   |
| L998343 | 286807 | 5465396 | 1889 | 4.31  | 2.24   | 99.32  | 3.47   | 95.66  | 3.14   | 8.11  | 4.27  | 46.65 | 2.66   | 4.37  | 2.33   | < LOD | 5.97   | < LOD | 3.09   | 52.26  |
| L998344 | 286815 | 5465374 | 1881 | < LOD | 3.22   | 87.11  | 3.29   | 103.14 | 3.2    | < LOD | 6.06  | 41.64 | 2.49   | 5.13  | 2.33   | < LOD | 6.04   | < LOD | 3      | 55.34  |
| L998345 | 286821 | 5465348 | 1872 | < LOD | 3.36   | 101.58 | 3.57   | 108.99 | 3.37   | < LOD | 6.16  | 42.73 | 2.58   | 6.87  | 2.51   | < LOD | 6.3    | < LOD | 3.01   | 68.25  |
| L998346 | 286826 | 5465326 | 1868 | 5.22  | 2.22   | 92.79  | 3.43   | 123.28 | 3.51   | < LOD | 5.94  | 41.72 | 2.51   | 3.73  | 2.26   | < LOD | 5.77   | < LOD | 3.22   | 70.42  |
| L998347 | 286832 | 5465300 | 1853 | 3.47  | 2.28   | 88.9   | 3.48   | 101.5  | 3.34   | < LOD | 6.12  | 40.28 | 2.57   | 6.14  | 2.51   | < LOD | 6.46   | < LOD | 3.32   | 66.63  |
| L998348 | 286839 | 5465277 | 1848 | < LOD | 3.14   | 83.9   | 3.23   | 102.95 | 3.19   | < LOD | 5.53  | 36.49 | 2.33   | < LOD | 3.28   | < LOD | 6.07   | < LOD | 2.98   | 52.23  |
| L998349 | 286848 | 5465250 | 1847 | 4.61  | 2.24   | 112.11 | 3.69   | 143.42 | 3.76   | < LOD | 6.08  | 44.35 | 2.57   | 4.25  | 2.34   | 8.2   | 4.23   | < LOD | 2.98   | 41.71  |
| L998450 | 286855 | 5465226 | 1846 | < LOD | 3.36   | 116.27 | 3.77   | 116.98 | 3.5    | < LOD | 6.47  | 52.13 | 2.81   | 5.33  | 2.44   | < LOD | 6.22   | < LOD | 3.24   | 45.47  |
| L998451 | 286864 | 5465203 | 1836 | < LOD | 4.43   | 86.59  | 4.36   | 83.7   | 3.92   | < LOD | 7.88  | 42.5  | 3.36   | < LOD | 4.5    | < LOD | 8.33   | < LOD | 4.44   | 33.5   |
| L998452 | 286870 | 5465179 | 1830 | < LOD | 3.32   | 104.35 | 3.58   | 110.54 | 3.37   | < LOD | 6.1   | 38.31 | 2.47   | 4.24  | 2.34   | 7.04  | 4.23   | < LOD | 3.06   | 65.8   |
| L998453 | 286871 | 5465149 | 1838 | 7.52  | 2.94   | 99.8   | 4.48   | 105.94 | 4.21   | < LOD | 7.44  | 33.37 | 2.97   | 6.75  | 3.12   | < LOD | 7.58   | < LOD | 4.48   | 33.4   |
| L998454 | 286883 | 5465129 | 1836 | 5.23  | 2.18   | 90.41  | 3.35   | 118.39 | 3.4    | < LOD | 5.38  | 29.38 | 2.15   | 5.33  | 2.29   | < LOD | 5.65   | < LOD | 2.94   | 41.06  |
| L998455 | 286891 | 5465107 | 1839 | 4.98  | 2.39   | 144.23 | 4.22   | 155.79 | 4.07   | < LOD | 6.52  | 48.37 | 2.78   | 4.01  | 2.43   | < LOD | 6.59   | < LOD | 3.44   | 42.64  |
| L998456 | 286897 | 5465077 | 1832 | 4.31  | 2.27   | 101.92 | 3.6    | 112.59 | 3.44   | < LOD | 6     | 37.04 | 2.45   | 5.91  | 2.48   | 12.72 | 4.54   | < LOD | 3.19   | 43.33  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu     | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|--------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L998324 | 5.1    | < LOD | 8.06   | < LOD | 6.06   | 109.71 | 9.6    | < LOD | 33.07 | 61.01  | 12.22  | 45.13 | 21.08  | < LOD  | 125.38 | 26789.27 | 226.04 | 1728.9  | 82.62  |
| L998325 | 5.44   | < LOD | 8.02   | < LOD | 5.91   | 125.96 | 10.24  | < LOD | 33.98 | 58.51  | 12.29  | < LOD | 31.33  | 137.64 | 87.72  | 28111.84 | 234.55 | 1852.04 | 86.25  |
| L998326 | 6.05   | < LOD | 9.02   | < LOD | 6.89   | 130.37 | 10.88  | < LOD | 36.49 | 79.91  | 13.54  | 74.38 | 23.07  | < LOD  | 141.29 | 30449.42 | 254.79 | 1913.68 | 91.68  |
| L998327 | 6.56   | < LOD | 8.52   | < LOD | 6.52   | 143.32 | 11.08  | < LOD | 35.33 | 73.42  | 13.4   | 48.9  | 22.74  | < LOD  | 148.44 | 34761.66 | 268.41 | 1957.61 | 91.49  |
| L998328 | 7.5    | < LOD | 9.04   | < LOD | 6.42   | 180.63 | 12.36  | < LOD | 37.44 | 90.49  | 14.19  | 42.47 | 23.38  | 286.71 | 97.32  | 30851.43 | 257.14 | 2400.28 | 99.98  |
| L998329 | 6.64   | < LOD | 9.8    | < LOD | 7.57   | 189.85 | 13.9   | < LOD | 41.44 | 97.25  | 16.62  | 49.56 | 27.71  | 277.3  | 126.09 | 43837.86 | 336.94 | 2770.36 | 117.94 |
| L998330 | 4.35   | < LOD | 8.03   | < LOD | 5.73   | 172.61 | 11.65  | < LOD | 34.5  | 36.64  | 12.05  | < LOD | 31.57  | 164.43 | 66.27  | 14626.86 | 172.26 | 1202.4  | 72.45  |
| L998331 | 4.76   | < LOD | 9.11   | < LOD | 6.48   | 121.9  | 10.94  | < LOD | 37.31 | 58.77  | 13.95  | < LOD | 36.06  | 254.74 | 81.78  | 19729.6  | 212.23 | 906.44  | 71.55  |
| L998332 | 5.4    | < LOD | 8.36   | < LOD | 6.31   | 111.86 | 10.07  | < LOD | 34.66 | 47.88  | 12.48  | < LOD | 32.84  | 146.61 | 93.8   | 30618.7  | 250.74 | 1092.77 | 73.69  |
| L998333 | 5.23   | < LOD | 8.41   | < LOD | 6.13   | 84.74  | 9.22   | < LOD | 36.14 | 39     | 12.27  | 42.38 | 22.48  | < LOD  | 132.51 | 27366.74 | 237.1  | 843.81  | 67.52  |
| L998334 | 4.64   | < LOD | 7.82   | < LOD | 5.43   | 89.14  | 8.76   | < LOD | 32    | 45.66  | 11.43  | < LOD | 29.95  | 164.79 | 79.18  | 23953.95 | 209.77 | 1012.03 | 66.83  |
| L998335 | 5.16   | < LOD | 8.52   | < LOD | 6.26   | 108.53 | 10.18  | < LOD | 36.73 | 61.02  | 13.37  | 44.15 | 23.15  | < LOD  | 139.14 | 29548.97 | 250.74 | 1607.39 | 85.18  |
| L998336 | 5.05   | < LOD | 8.15   | < LOD | 6.27   | 114.42 | 9.83   | < LOD | 33.94 | 57.06  | 12.19  | 37.04 | 21.31  | 139.73 | 88.03  | 28729.67 | 235.16 | 1202.11 | 73.31  |
| L998337 | 5.39   | < LOD | 9.65   | < LOD | 6.56   | 112.15 | 11.1   | < LOD | 40.25 | 36.18  | 13.93  | < LOD | 36.83  | < LOD  | 135.23 | 23651.64 | 240.86 | 1018.75 | 77.63  |
| L998338 | 5.71   | < LOD | 7.9    | < LOD | 5.83   | 94.69  | 9.15   | 38.4  | 22.57 | 59.48  | 12.08  | < LOD | 30.43  | 220.61 | 76.91  | 21344.28 | 201.28 | 775.2   | 62.38  |
| L998339 | 5.53   | < LOD | 7.83   | < LOD | 5.93   | 62.98  | 7.88   | < LOD | 31.73 | 47.67  | 11.48  | < LOD | 29.85  | 157.27 | 66.02  | 15948.31 | 172.18 | 484.13  | 53.87  |
| L998340 | 6.51   | < LOD | 8.05   | < LOD | 6.09   | 231.71 | 12.9   | < LOD | 33.58 | 65.85  | 12.53  | 61.02 | 21.61  | < LOD  | 132.48 | 30134.19 | 241.42 | 1236.22 | 74.48  |
| L998341 | 8.27   | < LOD | 9.76   | < LOD | 7.17   | 318.78 | 16.05  | 46.13 | 26.84 | 138.01 | 16.11  | 64.23 | 25.47  | 428.35 | 125.05 | 49407.58 | 332.02 | 3037.53 | 114.24 |
| L998342 | 5.18   | < LOD | 9.21   | < LOD | 6.47   | 164.12 | 11.97  | 51.22 | 25.77 | 110.38 | 14.85  | 45.45 | 24.44  | 663.56 | 112.52 | 39853.21 | 290.89 | 1314.66 | 81.01  |
| L998343 | 4.99   | < LOD | 8.28   | < LOD | 6      | 80.17  | 8.64   | 36.6  | 22.56 | 54.49  | 11.9   | 37.53 | 20.74  | 136.91 | 75.41  | 21170.02 | 199.72 | 932.94  | 65.87  |
| L998344 | 5.05   | < LOD | 7.92   | < LOD | 5.76   | 92.65  | 8.83   | < LOD | 31.32 | 59.62  | 11.68  | 34.26 | 19.92  | < LOD  | 118.58 | 24967.33 | 213.45 | 1298.97 | 72.66  |
| L998345 | 5.54   | < LOD | 8.07   | < LOD | 6.32   | 124.82 | 10.13  | < LOD | 33.73 | 95.45  | 13.32  | 38.35 | 21.46  | 399.43 | 75.63  | 19091.42 | 191.76 | 774.91  | 62.57  |
| L998346 | 5.35   | < LOD | 7.77   | < LOD | 6.12   | 87.65  | 8.79   | < LOD | 32    | 77.68  | 12.48  | < LOD | 29.79  | 189.6  | 76.67  | 21837.72 | 201.94 | 1278.05 | 72.55  |
| L998347 | 5.62   | < LOD | 8.24   | < LOD | 6.34   | 94.23  | 9.37   | < LOD | 33.94 | 63.48  | 12.76  | 35.99 | 21.77  | < LOD  | 126.53 | 25250.5  | 225.54 | 1185.67 | 74.41  |
| L998348 | 4.98   | < LOD | 7.54   | < LOD | 5.52   | 88.75  | 8.66   | < LOD | 31.26 | 46.77  | 11.12  | < LOD | 29.45  | 207.06 | 69.2   | 17745.08 | 179.96 | 700.21  | 59.04  |
| L998349 | 4.84   | < LOD | 7.49   | < LOD | 5.67   | 145.78 | 10.46  | < LOD | 31.73 | 49.72  | 11.62  | < LOD | 30.85  | 236.53 | 87     | 28569.59 | 229.89 | 941.05  | 66.4   |
| L998450 | 4.94   | < LOD | 8.1    | < LOD | 5.95   | 111.73 | 9.78   | < LOD | 34.11 | 49.09  | 11.92  | < LOD | 31.76  | 150.97 | 92.5   | 31682.69 | 247.5  | 1423.37 | 78.29  |
| L998451 | 6.14   | < LOD | 11.91  | < LOD | 8.19   | 101.27 | 12.65  | < LOD | 51.14 | 46.7   | 18.21  | < LOD | 47.51  | 271.81 | 100.87 | 20750.18 | 261.65 | 871.48  | 85.91  |
| L998452 | 5.47   | < LOD | 7.84   | < LOD | 5.76   | 94.73  | 9.06   | < LOD | 31.94 | 49.29  | 11.66  | 39.18 | 20.7   | 132.28 | 77.93  | 22529.67 | 206.87 | 801.81  | 63.63  |
| L998453 | 5.72   | < LOD | 11.12  | < LOD | 8.08   | 61.26  | 10.51  | < LOD | 48.79 | 31.6   | 16.63  | < LOD | 44.56  | 280.83 | 89.63  | 17064.62 | 229.4  | 429.32  | 67.82  |
| L998454 | 4.53   | < LOD | 7.64   | < LOD | 5.59   | 66.56  | 7.94   | < LOD | 31.33 | 47.37  | 11.31  | < LOD | 29.31  | 249.12 | 73.73  | 20183.99 | 191.56 | 459.89  | 53.09  |
| L998455 | 5.05   | < LOD | 8.52   | < LOD | 6.22   | 77.87  | 8.88   | < LOD | 35.33 | 52.24  | 12.45  | < LOD | 32.76  | < LOD  | 132.94 | 27939.91 | 236.53 | 553.23  | 59.3   |
| L998456 | 5.11   | < LOD | 8.28   | < LOD | 6.23   | 106.45 | 9.66   | 46.3  | 23.27 | 50.79  | 11.97  | < LOD | 31.86  | 414.45 | 84.03  | 24017.28 | 215.81 | 719.54  | 62.37  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L998457 | 286898 | 5465052 | 1822 | 6.11  | 2.42   | 82.23  | 3.62   | 127.91 | 3.9    | < LOD | 5.88  | 26.65 | 2.29   | 5     | 2.51   | < LOD | 6.26   | < LOD | 3.38   | 29.07  |
| L998458 | 286956 | 5465015 | 1849 | 4.79  | 2.17   | 100.01 | 3.41   | 112.74 | 3.29   | < LOD | 5.54  | 31.28 | 2.19   | 3.72  | 2.19   | < LOD | 5.79   | < LOD | 2.92   | 75.38  |
| L998459 | 286944 | 5465044 | 1844 | 6.09  | 2.22   | 110.85 | 3.58   | 127.91 | 3.5    | 7.19  | 3.81  | 27.12 | 2.12   | 5.91  | 2.34   | < LOD | 6.09   | < LOD | 3.18   | 153.37 |
| L998460 | 286937 | 5465074 | 1840 | < LOD | 3.45   | 118.5  | 3.88   | 132.68 | 3.76   | < LOD | 6.31  | 39.77 | 2.56   | 7.16  | 2.56   | < LOD | 6.36   | < LOD | 3.13   | 114.63 |
| L998461 | 286930 | 5465097 | 1836 | 4.97  | 2.44   | 107.76 | 3.92   | 124.91 | 3.83   | < LOD | 6.52  | 36.71 | 2.6    | 4.67  | 2.52   | < LOD | 6.51   | < LOD | 3.25   | 55.59  |
| L998462 | 286927 | 5465125 | 1827 | 4.23  | 2.42   | 110.66 | 3.89   | 99.82  | 3.44   | < LOD | 6.3   | 39.23 | 2.64   | < LOD | 3.67   | < LOD | 6.64   | < LOD | 3.29   | 125.01 |
| L998463 | 286916 | 5465158 | 1829 | 3.64  | 2.28   | 136.21 | 4.07   | 188.75 | 4.31   | < LOD | 6.36  | 43.26 | 2.59   | 7.74  | 2.54   | < LOD | 6.16   | < LOD | 3.1    | 33.19  |
| L998464 | 286906 | 5465196 | 1839 | 4.76  | 2.29   | 130.2  | 4      | 177.72 | 4.21   | < LOD | 6.1   | 41.31 | 2.53   | 4.94  | 2.39   | < LOD | 6.17   | < LOD | 3.06   | 37.88  |
| L998465 | 286896 | 5465216 | 1832 | < LOD | 3.38   | 98.13  | 3.61   | 139.67 | 3.81   | 6.52  | 4.23  | 39.28 | 2.54   | 3.56  | 2.33   | < LOD | 6.23   | < LOD | 3      | 28.81  |
| L998466 | 286891 | 5465240 | 1847 | < LOD | 3.3    | 73.86  | 3.18   | 89.87  | 3.1    | < LOD | 5.66  | 37    | 2.41   | 3.88  | 2.27   | < LOD | 5.55   | < LOD | 3.14   | 32.69  |
| L999150 | 286983 | 5465096 | 1846 | 11.1  | 2.68   | 120.6  | 4.29   | 135.93 | 4.17   | < LOD | 6.84  | 37.51 | 2.75   | 4.27  | 2.65   | 7.76  | 4.88   | < LOD | 3.88   | 145.58 |
| L999151 | 286972 | 5465125 | 1835 | 5.76  | 2.67   | 101.35 | 4.15   | 108.33 | 3.91   | < LOD | 7.06  | 33.32 | 2.75   | 7.35  | 2.92   | < LOD | 7.24   | < LOD | 3.77   | 66.89  |
| L999152 | 286964 | 5465148 | 1843 | 7.3   | 3.37   | 102.25 | 5.11   | 96.24  | 4.59   | < LOD | 8.92  | 41.9  | 3.69   | < LOD | 5.08   | < LOD | 9.26   | < LOD | 5.06   | 73.79  |
| L999153 | 286956 | 5465172 | 1845 | 4.56  | 2.37   | 113.45 | 3.89   | 131.88 | 3.81   | 6.79  | 4.3   | 37.96 | 2.57   | 7.98  | 2.68   | 11.68 | 4.67   | < LOD | 3.4    | 94.28  |
| L999154 | 286947 | 5465192 | 1848 | 6.83  | 2.66   | 90.65  | 3.99   | 113.09 | 3.98   | < LOD | 6.8   | 32.65 | 2.69   | < LOD | 3.74   | < LOD | 6.77   | < LOD | 3.7    | 36.99  |
| L999155 | 286937 | 5465215 | 1855 | 5.82  | 2.29   | 109.88 | 3.69   | 125.34 | 3.59   | < LOD | 6.14  | 39.61 | 2.51   | 5.18  | 2.38   | < LOD | 5.96   | < LOD | 3.1    | 49.98  |
| L999156 | 286923 | 5465243 | 1865 | < LOD | 3.47   | 106.36 | 3.75   | 121.38 | 3.64   | < LOD | 6.31  | 42.49 | 2.65   | 4.25  | 2.42   | < LOD | 6.28   | < LOD | 3.21   | 38.23  |
| L999157 | 286919 | 5465261 | 1866 | < LOD | 3.18   | 100.53 | 3.41   | 120.61 | 3.37   | < LOD | 5.81  | 36.52 | 2.33   | 3.79  | 2.19   | < LOD | 5.67   | < LOD | 3.07   | 33.55  |
| L999158 | 286915 | 5465292 | 1869 | 5.59  | 2.36   | 100.79 | 3.66   | 105.11 | 3.43   | < LOD | 6.26  | 40.55 | 2.61   | < LOD | 3.53   | 13.26 | 4.71   | < LOD | 3.42   | 64.3   |
| L999159 | 286900 | 5465311 | 1871 | 3.61  | 2.3    | 69.67  | 3.24   | 85.37  | 3.15   | < LOD | 6.05  | 31.18 | 2.38   | 4.24  | 2.4    | < LOD | 6.21   | < LOD | 3.36   | 28.8   |
| L999160 | 286896 | 5465339 | 1895 | < LOD | 3.38   | 120.93 | 3.77   | 101.61 | 3.26   | 6.52  | 4.21  | 44.05 | 2.62   | 4.86  | 2.38   | < LOD | 6.1    | < LOD | 3.33   | 51.95  |
| L999161 | 286880 | 5465356 | 1896 | 4.97  | 2.32   | 74.6   | 3.27   | 76.02  | 2.97   | < LOD | 6.08  | 36.05 | 2.49   | 5.14  | 2.43   | < LOD | 5.85   | < LOD | 3.11   | 54.48  |
| L999162 | 286874 | 5465385 | 1905 | 5.2   | 2.41   | 86.89  | 3.63   | 121.38 | 3.78   | < LOD | 6.52  | 40.93 | 2.71   | < LOD | 3.5    | < LOD | 6.31   | < LOD | 3.19   | 40.32  |
| L999163 | 286866 | 5465409 | 1911 | < LOD | 3.3    | 93.99  | 3.39   | 91.2   | 3.07   | < LOD | 5.89  | 38.86 | 2.44   | 4.74  | 2.31   | < LOD | 5.78   | < LOD | 3.16   | 51.61  |
| L999164 | 286861 | 5465430 | 1918 | 5.62  | 2.27   | 92.57  | 3.45   | 106.41 | 3.33   | < LOD | 6.21  | 42.09 | 2.57   | 4.43  | 2.35   | < LOD | 6.2    | < LOD | 3.2    | 48.26  |
| L999165 | 286849 | 5465452 | 1926 | < LOD | 3.61   | 94.18  | 3.72   | 108.47 | 3.6    | < LOD | 6.95  | 50.36 | 2.97   | 4.71  | 2.58   | < LOD | 6.89   | < LOD | 3.51   | 50.13  |
| L999166 | 286840 | 5465477 | 1954 | 4.83  | 2.24   | 110    | 3.58   | 100.75 | 3.2    | < LOD | 6.01  | 40.47 | 2.48   | 5.72  | 2.37   | < LOD | 5.79   | < LOD | 2.94   | 42.45  |
| L999167 | 286848 | 5465500 | 1966 | < LOD | 3.4    | 124.53 | 3.91   | 132.87 | 3.73   | 6.69  | 4.43  | 49.88 | 2.79   | < LOD | 3.5    | < LOD | 6.26   | < LOD | 3.29   | 48.66  |
| L999168 | 286850 | 5465526 | 1975 | 4.37  | 2.33   | 119.37 | 3.85   | 120.8  | 3.59   | < LOD | 6.45  | 47.86 | 2.75   | 3.91  | 2.39   | < LOD | 6.31   | < LOD | 3.16   | 45.49  |
| L999169 | 286850 | 5465552 | 1984 | < LOD | 3.62   | 98.22  | 3.81   | 102.85 | 3.57   | 7.19  | 4.45  | 37.34 | 2.68   | < LOD | 3.65   | < LOD | 6.23   | < LOD | 3.37   | 36.08  |
| L999170 | 286952 | 5465552 | 1976 | 7.09  | 2.32   | 120.27 | 3.73   | 88.4   | 3.06   | < LOD | 6.18  | 48.9  | 2.7    | 4.2   | 2.33   | < LOD | 5.96   | < LOD | 3.26   | 27.5   |
| L999171 | 286957 | 5465527 | 1953 | 4.25  | 2.2    | 107.76 | 3.56   | 125.45 | 3.49   | < LOD | 5.98  | 44.62 | 2.54   | 5.52  | 2.34   | < LOD | 5.77   | < LOD | 2.98   | 36.62  |
| L999172 | 286966 | 5465501 | 1946 | 3.36  | 2.19   | 91.5   | 3.37   | 103.8  | 3.24   | < LOD | 5.97  | 39.76 | 2.46   | 4.77  | 2.29   | < LOD | 5.49   | < LOD | 3.06   | 30.62  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L998457 | 4.64   | < LOD | 8.35   | < LOD | 5.73   | 76.6   | 9.21   | < LOD | 35.87 | 43.97 | 13.17  | < LOD | 32.88  | 162.18 | 76.82  | 18214.27 | 201.29 | 485.19  | 58.63  |
| L998458 | 5.39   | < LOD | 7.33   | < LOD | 5.24   | 77.99  | 8.18   | < LOD | 30.2  | 41.05 | 10.96  | < LOD | 29.01  | 225.91 | 68.95  | 17991.43 | 178.72 | 421.7   | 50.81  |
| L998459 | 7.02   | < LOD | 7.58   | < LOD | 5.83   | 95.4   | 8.83   | < LOD | 30.97 | 54.77 | 11.51  | < LOD | 29.38  | 295.6  | 73.94  | 20353.04 | 191.05 | 779.4   | 60.38  |
| L998460 | 6.65   | < LOD | 8.43   | < LOD | 6.15   | 102.75 | 9.61   | < LOD | 34.12 | 44.75 | 12.01  | 43.48 | 21.87  | 137.05 | 90.89  | 29716.1  | 242.91 | 850.35  | 67.27  |
| L998461 | 5.51   | < LOD | 8.82   | < LOD | 6.21   | 113.08 | 10.45  | < LOD | 36.84 | 52.16 | 13.27  | 36.52 | 23.51  | 193.02 | 91.08  | 26672.68 | 241.32 | 1129.43 | 76.19  |
| L998462 | 7.17   | < LOD | 8.84   | < LOD | 6.4    | 107.46 | 10.28  | < LOD | 37.6  | 46.95 | 13.01  | < LOD | 34.85  | 263.2  | 96.71  | 30072.54 | 255.28 | 952.02  | 72.35  |
| L998463 | 4.54   | < LOD | 7.94   | < LOD | 5.83   | 95.31  | 9.14   | 35.71 | 22.39 | 55.51 | 11.88  | < LOD | 30.92  | 302.27 | 76.31  | 20559.23 | 197.16 | 917.58  | 65.56  |
| L998464 | 4.69   | < LOD | 7.79   | < LOD | 5.8    | 83.07  | 8.71   | < LOD | 32.71 | 39.01 | 11.5   | < LOD | 31.43  | 208.65 | 84.56  | 26331.59 | 223.59 | 1117.08 | 70.51  |
| L998465 | 4.5    | < LOD | 8.25   | < LOD | 6.43   | 84.56  | 8.93   | < LOD | 34.02 | 50.35 | 12.06  | 34.26 | 21.42  | 207.89 | 83.78  | 25076.37 | 221.22 | 1200.02 | 73.32  |
| L998466 | 4.33   | < LOD | 7.94   | < LOD | 5.94   | 92.56  | 9.1    | < LOD | 32.78 | 53.95 | 12.08  | 32.48 | 20.74  | < LOD  | 118.62 | 23879.77 | 214.98 | 872.53  | 65.6   |
| L999150 | 8.04   | < LOD | 9.37   | < LOD | 7.04   | 137.22 | 11.72  | < LOD | 37.98 | 56.95 | 14.4   | < LOD | 37.63  | 396.51 | 103.61 | 30537.57 | 270.39 | 1654.38 | 91.46  |
| L999151 | 6.38   | < LOD | 9.77   | < LOD | 6.69   | 136.98 | 12.24  | < LOD | 40.81 | 58.34 | 15.49  | < LOD | 39.12  | 218.47 | 82.18  | 17354.3  | 212.77 | 455.5   | 62.55  |
| L999152 | 8.26   | < LOD | 14.39  | < LOD | 8.72   | 117.66 | 14.9   | < LOD | 62.31 | 42.96 | 21.32  | < LOD | 56.64  | 166.83 | 105.01 | 19020.72 | 275.17 | 556.57  | 82.11  |
| L999153 | 6.48   | < LOD | 8.61   | < LOD | 6.26   | 165.4  | 11.68  | < LOD | 36.17 | 47.13 | 12.54  | < LOD | 33.1   | 235.28 | 80.63  | 21519.71 | 210.72 | 916.02  | 68.38  |
| L999154 | 5.31   | < LOD | 9.89   | < LOD | 6.52   | 74     | 10.02  | < LOD | 41.97 | 41.75 | 14.89  | < LOD | 38.22  | < LOD  | 136.81 | 23226.04 | 244.9  | 583.74  | 67.09  |
| L999155 | 4.95   | < LOD | 8.09   | < LOD | 6.04   | 108.83 | 9.62   | < LOD | 33.76 | 50.98 | 11.99  | < LOD | 30.77  | 258.64 | 72.59  | 18316.23 | 187.45 | 646.58  | 58.77  |
| L999156 | 4.83   | < LOD | 8.13   | < LOD | 6.16   | 96.34  | 9.52   | < LOD | 35.12 | 41.83 | 12.27  | < LOD | 32.63  | < LOD  | 120.98 | 22620.47 | 214.73 | 993.99  | 69.83  |
| L999157 | 4.28   | < LOD | 7.65   | < LOD | 5.79   | 83.2   | 8.36   | < LOD | 30.84 | 49.54 | 11.09  | < LOD | 28.41  | 236.79 | 69.37  | 18392.76 | 179.7  | 407.86  | 50.62  |
| L999158 | 5.81   | < LOD | 8.61   | < LOD | 6.43   | 133.56 | 10.74  | < LOD | 35.44 | 53.51 | 12.67  | < LOD | 32.67  | 186.69 | 82.95  | 23327.03 | 218.86 | 871.97  | 67.69  |
| L999159 | 4.55   | < LOD | 8.66   | < LOD | 6.23   | 119.56 | 10.4   | < LOD | 36.07 | 35.06 | 12.23  | 48.1  | 22.74  | < LOD  | 129.58 | 25568.87 | 230.9  | 670.99  | 63.7   |
| L999160 | 5.04   | < LOD | 8.06   | < LOD | 5.99   | 96.82  | 9.23   | < LOD | 33.26 | 65.01 | 12.32  | 33.87 | 20.99  | 236.7  | 76.47  | 20712.42 | 199.32 | 579.37  | 58.31  |
| L999161 | 5.16   | < LOD | 8.21   | < LOD | 5.82   | 118.82 | 10.22  | < LOD | 33.3  | 56.02 | 12.81  | < LOD | 32.85  | 157.78 | 79.23  | 21166.56 | 209.07 | 677.01  | 62.58  |
| L999162 | 5.01   | < LOD | 8.57   | < LOD | 6.38   | 92.45  | 9.74   | < LOD | 36.39 | 51.42 | 13.27  | < LOD | 34.29  | < LOD  | 119.61 | 20447.43 | 211.94 | 1108.93 | 74.84  |
| L999163 | 4.9    | < LOD | 7.94   | < LOD | 5.95   | 73.76  | 8.37   | < LOD | 32.97 | 56.19 | 11.91  | < LOD | 29.93  | 164.01 | 75.76  | 21344.96 | 199.8  | 626.1   | 57.97  |
| L999164 | 4.99   | < LOD | 7.84   | < LOD | 5.73   | 106.39 | 9.52   | < LOD | 32.76 | 57.38 | 12.23  | < LOD | 30.83  | 220.09 | 80.47  | 23277.28 | 211.48 | 996.76  | 67.71  |
| L999165 | 5.5    | < LOD | 8.67   | < LOD | 6.48   | 83.26  | 9.43   | < LOD | 35.44 | 69.22 | 13.82  | < LOD | 34.46  | < LOD  | 143.02 | 29581.02 | 255.05 | 1282.78 | 79.97  |
| L999166 | 4.65   | < LOD | 8.14   | < LOD | 5.83   | 80.79  | 8.54   | < LOD | 32.19 | 48.56 | 11.49  | < LOD | 30.38  | 293.31 | 76.42  | 21123.01 | 197.89 | 699.56  | 59.98  |
| L999167 | 5.05   | < LOD | 8.3    | < LOD | 6.1    | 87.99  | 9.08   | < LOD | 34.23 | 71.56 | 12.76  | 45.9  | 21.53  | < LOD  | 128.81 | 27370.1  | 231.29 | 1070    | 70.97  |
| L999168 | 5.01   | < LOD | 8.27   | < LOD | 6.04   | 82.9   | 8.98   | < LOD | 35.06 | 43.71 | 12.07  | < LOD | 32.4   | 214.89 | 80.6   | 22576.64 | 211.68 | 975.52  | 68.59  |
| L999169 | 4.89   | < LOD | 8.92   | < LOD | 6.61   | 66.46  | 9.01   | < LOD | 38.38 | 38.8  | 13.19  | 49.99 | 24.16  | 142.52 | 78.18  | 18607.02 | 205.89 | 880.49  | 70.82  |
| L999170 | 4.3    | < LOD | 7.98   | < LOD | 5.89   | 95.56  | 9.15   | < LOD | 32.92 | 43.07 | 11.62  | < LOD | 31.29  | 213.55 | 77.87  | 21824.76 | 204.31 | 1041.08 | 68.64  |
| L999171 | 4.45   | < LOD | 7.87   | < LOD | 5.69   | 79.63  | 8.44   | 33.48 | 21.7  | 60.58 | 11.74  | < LOD | 29.79  | 167    | 68.93  | 17911.64 | 180.51 | 727.95  | 59.38  |
| L999172 | 4.19   | < LOD | 7.99   | < LOD | 5.71   | 86.5   | 8.76   | < LOD | 32.7  | 49.67 | 11.6   | < LOD | 30.11  | 238.37 | 69.41  | 17197.23 | 179.3  | 806.3   | 62.03  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb     | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|--------|--------|-------|--------|-------|--------|-------|--------|--------|
| L999173 | 286974 | 5465479 | 1944 | 4.39  | 2.24   | 101.55 | 3.53   | 108.73 | 3.33   | < LOD | 6.4   | 51.96  | 2.77   | 5.08  | 2.39   | < LOD | 6.06   | < LOD | 3.13   | 37.02  |
| L999174 | 286979 | 5465454 | 1930 | < LOD | 3.35   | 99.75  | 3.63   | 130.21 | 3.7    | 6.47  | 4.31  | 44.3   | 2.67   | 6.58  | 2.53   | < LOD | 6.43   | < LOD | 3.24   | 36.46  |
| L999175 | 286993 | 5465433 | 1940 | < LOD | 3.18   | 93.57  | 3.33   | 114.09 | 3.3    | < LOD | 5.82  | 38.04  | 2.36   | < LOD | 3.22   | < LOD | 5.6    | < LOD | 2.86   | 37.08  |
| L999176 | 287000 | 5465412 | 1939 | 4.05  | 2.15   | 99.49  | 3.37   | 110.46 | 3.23   | 7.21  | 3.93  | 38.27  | 2.37   | < LOD | 3.23   | < LOD | 5.81   | < LOD | 3.06   | 43.1   |
| L999177 | 287008 | 5465379 | 1933 | < LOD | 3.51   | 96.67  | 3.65   | 110.94 | 3.54   | < LOD | 6.51  | 41.5   | 2.67   | < LOD | 3.59   | 10.74 | 4.61   | < LOD | 3.27   | 81.93  |
| L999178 | 287027 | 5465349 | 1923 | < LOD | 3.64   | 127.94 | 4.09   | 106.17 | 3.52   | 10.23 | 5.23  | 77.38  | 3.53   | 8.93  | 2.95   | 31.86 | 5.63   | < LOD | 3.52   | 174.83 |
| L999179 | 287024 | 5465337 | 1914 | 5.21  | 2.61   | 110.54 | 4.23   | 126.18 | 4.11   | < LOD | 7.02  | 46.19  | 3.02   | 5.84  | 2.8    | < LOD | 7.16   | < LOD | 3.59   | 63.02  |
| L999180 | 287029 | 5465312 | 1905 | < LOD | 3.52   | 102.89 | 3.77   | 124.33 | 3.74   | < LOD | 6.38  | 41.52  | 2.66   | 4.87  | 2.49   | < LOD | 6.46   | < LOD | 3.34   | 54.3   |
| L999181 | 287038 | 5465291 | 1903 | 4.66  | 2.21   | 106.2  | 3.54   | 125.12 | 3.48   | < LOD | 5.96  | 42.13  | 2.49   | < LOD | 3.33   | < LOD | 5.85   | < LOD | 3.1    | 42.44  |
| L999182 | 287048 | 5465268 | 1897 | < LOD | 3.22   | 70.47  | 3.04   | 67.28  | 2.69   | 6.66  | 4.15  | 46.57  | 2.65   | 3.92  | 2.32   | 7.84  | 4.24   | < LOD | 3.13   | 44.34  |
| L999183 | 287053 | 5465238 | 1886 | 7.38  | 3.19   | 101.27 | 4.87   | 105    | 4.54   | < LOD | 8.73  | 50.86  | 3.79   | < LOD | 5.22   | 49.57 | 8.16   | < LOD | 4.98   | 293.77 |
| L999184 | 287063 | 5465217 | 1885 | 3.44  | 2.29   | 118.65 | 3.78   | 114.8  | 3.45   | 7.96  | 4.67  | 64.42  | 3.09   | 6.93  | 2.72   | 42.77 | 5.68   | < LOD | 3.15   | 246.74 |
| L999185 | 287071 | 5465195 | 1880 | < LOD | 3.64   | 134.7  | 4.25   | 144.09 | 4.06   | < LOD | 7.47  | 66     | 3.3    | 6.69  | 2.83   | 33.18 | 5.65   | < LOD | 3.32   | 147.24 |
| L999186 | 287075 | 5465171 | 1887 | 5.98  | 2.74   | 84.84  | 3.94   | 69.7   | 3.32   | < LOD | 7.67  | 48.02  | 3.27   | 5.28  | 3.11   | 42.25 | 6.82   | < LOD | 4.05   | 176.26 |
| L999187 | 287084 | 5465147 | 1882 | 5.79  | 2.56   | 86.74  | 3.66   | 51.75  | 2.73   | < LOD | 8     | 77.75  | 3.72   | 8.49  | 3.15   | 44.28 | 6.43   | < LOD | 3.55   | 280.86 |
| L999188 | 287094 | 5465125 | 1877 | 8.85  | 2.64   | 28.5   | 2.93   | 92.35  | 3.69   | < LOD | 6.03  | 13.7   | 2.03   | < LOD | 3.42   | < LOD | 6.8    | < LOD | 3.62   | 22.57  |
| L999189 | 287098 | 5465091 | 1874 | < LOD | 3.65   | 118.11 | 4.04   | 125.87 | 3.83   | < LOD | 7.08  | 53.87  | 3.04   | 7.59  | 2.8    | 19.37 | 5.13   | < LOD | 3.44   | 171.53 |
| L999190 | 287252 | 5464974 | 1904 | < LOD | 3.32   | 110.74 | 3.67   | 139.62 | 3.71   | < LOD | 6.12  | 44.32  | 2.57   | 4.75  | 2.36   | 7.4   | 4.16   | < LOD | 2.77   | 32.74  |
| L999191 | 287247 | 5464993 | 1918 | < LOD | 3.36   | 116.97 | 3.77   | 136.98 | 3.72   | 10.27 | 4.76  | 66.08  | 3.1    | 6.92  | 2.55   | < LOD | 6.33   | < LOD | 3.21   | 43.82  |
| L999192 | 287252 | 5465020 | 1895 | 4.49  | 2.59   | 122.9  | 4.31   | 121    | 3.97   | < LOD | 7.13  | 48.07  | 3.04   | 7.3   | 2.87   | 8.89  | 4.91   | < LOD | 3.5    | 41.24  |
| L999193 | 287235 | 5465036 | 1884 | 5     | 2.22   | 103.44 | 3.5    | 102.59 | 3.21   | < LOD | 5.64  | 35.49  | 2.33   | 6.41  | 2.4    | < LOD | 5.99   | < LOD | 2.94   | 38.65  |
| L999195 | 287220 | 5465087 | 1885 | 12.76 | 4.4    | 82.01  | 6.06   | 102.76 | 5.97   | < LOD | 10.54 | 26.65  | 3.96   | < LOD | 6.81   | < LOD | 12.11  | < LOD | 7.04   | 137.41 |
| L999196 | 287215 | 5465110 | 1895 | 5.28  | 2.24   | 80     | 3.22   | 83.51  | 2.97   | 6.52  | 4.06  | 39.82  | 2.5    | 7.14  | 2.5    | 8.23  | 4.3    | < LOD | 3.08   | 50.82  |
| L999197 | 287218 | 5465139 | 1903 | < LOD | 3.49   | 107.96 | 3.69   | 78.15  | 2.98   | 14.84 | 5.53  | 100.59 | 3.86   | 11.3  | 2.95   | 15.13 | 4.81   | < LOD | 3.34   | 100.51 |
| L999198 | 287205 | 5465166 | 1907 | 3.94  | 2.26   | 117.27 | 3.68   | 90.44  | 3.07   | < LOD | 6.65  | 64.86  | 3.03   | 6.14  | 2.56   | 23.97 | 4.94   | < LOD | 3.04   | 103.42 |
| L999199 | 287199 | 5465185 | 1911 | < LOD | 3.44   | 111.62 | 3.73   | 91.51  | 3.19   | 7.58  | 4.54  | 55.69  | 2.96   | 6.2   | 2.58   | 12.62 | 4.66   | < LOD | 3.4    | 108.62 |
| L999200 | 287229 | 5465662 | 2040 | 4.56  | 2.2    | 100.31 | 3.45   | 111.69 | 3.31   | < LOD | 6.02  | 42.73  | 2.51   | 3.96  | 2.29   | 7.73  | 4.16   | < LOD | 2.94   | 34.3   |
| L999201 | 287237 | 5465631 | 2036 | < LOD | 3.29   | 80.06  | 3.2    | 80.97  | 2.92   | 7.54  | 4.04  | 37.66  | 2.44   | 3.85  | 2.27   | < LOD | 5.94   | < LOD | 3.15   | 27.36  |
| L999202 | 287249 | 5465606 | 2032 | 3.47  | 2.22   | 91.27  | 3.4    | 96.33  | 3.17   | < LOD | 6.14  | 46.52  | 2.65   | 4.08  | 2.52   | 45.86 | 5.74   | < LOD | 3.03   | 37.2   |
| L999203 | 287253 | 5465580 | 2021 | < LOD | 3.27   | 92.28  | 3.38   | 112.57 | 3.35   | < LOD | 6.33  | 50.86  | 2.72   | < LOD | 3.41   | 26.01 | 4.93   | < LOD | 3      | 47.08  |
| L999204 | 287262 | 5465558 | 2029 | 4.21  | 2.24   | 115.79 | 3.74   | 138.14 | 3.7    | < LOD | 6.32  | 56.01  | 2.83   | 8.18  | 2.6    | 14.77 | 4.56   | < LOD | 3.1    | 69.37  |
| L999205 | 287273 | 5465534 | 2021 | 4.89  | 2.32   | 112.62 | 3.87   | 169.34 | 4.19   | < LOD | 6.57  | 51.06  | 2.82   | 5.85  | 2.57   | 18.98 | 4.89   | < LOD | 3.36   | 133.91 |
| L999206 | 287278 | 5465510 | 2013 | 5.49  | 2.44   | 135.28 | 4.19   | 146.95 | 4.03   | < LOD | 7.1   | 60.75  | 3.12   | 7.58  | 2.78   | 23.03 | 5.22   | < LOD | 3.57   | 73.91  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L999173 | 4.61   | < LOD | 8.24   | < LOD | 5.83   | 216.1  | 12.39  | 39.88 | 22.77 | 57.52 | 11.93  | < LOD | 31.28  | 328.98 | 82.1   | 24161.86 | 213.13 | 790.21  | 63.13  |
| L999174 | 4.79   | < LOD | 8.27   | < LOD | 6.16   | 103.11 | 9.57   | < LOD | 34.13 | 60.83 | 12.38  | < LOD | 32.01  | 230.26 | 87.57  | 27289.69 | 231.11 | 780.1   | 64.56  |
| L999175 | 4.38   | < LOD | 7.69   | < LOD | 5.58   | 117.74 | 9.48   | 33.8  | 21.26 | 50.99 | 11.25  | < LOD | 28.31  | 254.38 | 72.64  | 20161.42 | 188.8  | 926.9   | 63.06  |
| L999176 | 4.59   | < LOD | 7.69   | < LOD | 5.6    | 100.3  | 8.94   | 42.19 | 21.49 | 46.01 | 11.04  | < LOD | 28.62  | 247.7  | 69.12  | 18216.4  | 178.79 | 690.38  | 57.26  |
| L999177 | 6.21   | < LOD | 8.55   | < LOD | 6.15   | 123.56 | 10.51  | < LOD | 35.64 | 58.79 | 13     | 38.11 | 22.51  | < LOD  | 131.05 | 26263.67 | 233.83 | 1098.95 | 73.45  |
| L999178 | 8.55   | < LOD | 8.79   | < LOD | 7.12   | 245.12 | 13.91  | < LOD | 36.19 | 62.3  | 13.37  | 44.43 | 23.3   | < LOD  | 149.08 | 33480.23 | 268.83 | 5049.04 | 137.23 |
| L999179 | 6.17   | < LOD | 9.98   | < LOD | 6.74   | 120.76 | 11.56  | < LOD | 42.25 | 46.44 | 14.56  | < LOD | 38.39  | < LOD  | 138    | 24047.82 | 245.13 | 1342.56 | 85.95  |
| L999180 | 5.38   | < LOD | 8.46   | < LOD | 6.28   | 123.92 | 10.51  | < LOD | 34.66 | 49.1  | 12.79  | 35.35 | 22.55  | < LOD  | 129.97 | 25919.87 | 233.43 | 1771.29 | 87.23  |
| L999181 | 4.63   | < LOD | 7.75   | < LOD | 5.72   | 124.05 | 9.81   | 46.95 | 22.17 | 44.13 | 11.24  | < LOD | 28.71  | 242.33 | 68.64  | 17268.8  | 177.24 | 806.34  | 61.08  |
| L999182 | 4.93   | < LOD | 8.27   | < LOD | 6.04   | 143.71 | 10.58  | 49.96 | 23.21 | 58.98 | 12.02  | 57.88 | 21.13  | 144.76 | 74.56  | 20598.25 | 196.98 | 718.92  | 61.02  |
| L999183 | 13.8   | < LOD | 12.78  | < LOD | 9.2    | 227.92 | 17.79  | < LOD | 55.68 | 35.58 | 19.16  | < LOD | 51.8   | < LOD  | 172.05 | 26262.71 | 307.13 | 1457.84 | 106.82 |
| L999184 | 9.33   | < LOD | 8.46   | < LOD | 6.69   | 233.23 | 12.93  | 36.74 | 23.14 | 71.88 | 12.59  | 37.04 | 21.17  | 219.56 | 80.03  | 22996.44 | 210.33 | 1269.18 | 73.98  |
| L999185 | 8.1    | < LOD | 8.99   | < LOD | 6.82   | 312.09 | 15.51  | < LOD | 38.4  | 74.86 | 13.76  | 71.18 | 24.23  | 275.17 | 106.1  | 37110.19 | 281.95 | 1628.24 | 87.43  |
| L999186 | 9.96   | < LOD | 10.42  | < LOD | 7.99   | 168.44 | 13.73  | < LOD | 44.16 | 41.63 | 15.63  | < LOD | 40.89  | < LOD  | 139.79 | 22112.22 | 247.83 | 1058.37 | 83.22  |
| L999187 | 11     | < LOD | 9.52   | < LOD | 7.23   | 133.83 | 11.65  | < LOD | 38.7  | 28.67 | 13.42  | < LOD | 35.95  | < LOD  | 136.64 | 24879.85 | 244.45 | 897.31  | 73.97  |
| L999188 | 4.88   | < LOD | 9.75   | < LOD | 6.32   | 121.26 | 11.98  | < LOD | 43.67 | < LOD | 22.08  | < LOD | 37.59  | < LOD  | 77.84  | 6924.06  | 139.83 | 1344.01 | 86.13  |
| L999189 | 8.33   | < LOD | 8.72   | < LOD | 6.88   | 177.51 | 12.32  | < LOD | 36.83 | 53.33 | 13.18  | < LOD | 34.37  | < LOD  | 146.14 | 32202.89 | 264.11 | 1404.72 | 82.48  |
| L999190 | 4.57   | < LOD | 7.68   | < LOD | 5.47   | 89.61  | 8.8    | < LOD | 31.94 | 36.53 | 11.2   | < LOD | 29.57  | < LOD  | 123.82 | 26832.87 | 222.58 | 688.1   | 60.11  |
| L999191 | 4.89   | < LOD | 8.12   | < LOD | 5.95   | 86.19  | 8.84   | < LOD | 33.39 | 49.75 | 11.77  | < LOD | 31.03  | 212.79 | 77.16  | 21655.36 | 202.19 | 598.65  | 57.94  |
| L999192 | 5.56   | < LOD | 9.2    | < LOD | 6.36   | 71.54  | 9.53   | < LOD | 39.68 | 35.59 | 13.82  | < LOD | 36.24  | 200.53 | 85.1   | 20526.59 | 222.77 | 517.2   | 62.72  |
| L999193 | 4.61   | < LOD | 7.79   | < LOD | 5.85   | 68.82  | 8.12   | < LOD | 32.48 | 38.64 | 11.21  | < LOD | 29.1   | 181.41 | 67.76  | 16833.7  | 176.33 | 375.98  | 50.39  |
| L999195 | 12.97  | < LOD | 21.29  | < LOD | 12.98  | 218.59 | 24.22  | < LOD | 95.64 | < LOD | 47.8   | < LOD | 86.49  | < LOD  | 246.3  | 30607.58 | 442.82 | 5497.08 | 244.75 |
| L999196 | 5.13   | < LOD | 7.86   | < LOD | 5.77   | 116.63 | 9.77   | < LOD | 32.78 | 49.87 | 11.94  | < LOD | 30.2   | 185.32 | 65.29  | 14916.69 | 169.03 | 862.81  | 63.19  |
| L999197 | 6.63   | < LOD | 8.58   | < LOD | 6.42   | 325.23 | 15.26  | < LOD | 36.54 | 54.49 | 12.54  | 97.51 | 23.26  | < LOD  | 144.05 | 33603.24 | 260.69 | 2709.45 | 102.31 |
| L999198 | 6.61   | < LOD | 8.07   | < LOD | 6.05   | 198.57 | 11.92  | < LOD | 32.69 | 56.92 | 11.99  | 45.52 | 21.14  | 243.53 | 77.9   | 21996.84 | 203.8  | 1398.91 | 75.49  |
| L999199 | 6.72   | < LOD | 8.3    | < LOD | 6.18   | 129.07 | 10.47  | < LOD | 34.46 | 53.92 | 12.41  | < LOD | 31.64  | < LOD  | 118.94 | 22218.77 | 211.42 | 991.21  | 69.53  |
| L999200 | 4.58   | < LOD | 7.87   | < LOD | 5.7    | 94.5   | 8.94   | 38.64 | 21.88 | 57.03 | 11.62  | < LOD | 29.86  | 204.59 | 73.17  | 20117.2  | 191.56 | 942.7   | 64.7   |
| L999201 | 4.29   | < LOD | 7.96   | < LOD | 5.95   | 85.69  | 8.78   | < LOD | 32.84 | 43.88 | 11.53  | < LOD | 30.3   | 265.25 | 73.52  | 19125.19 | 190.19 | 773.63  | 61.88  |
| L999202 | 5.7    | < LOD | 8.06   | < LOD | 5.89   | 82.23  | 8.72   | < LOD | 33.32 | 40.74 | 11.5   | < LOD | 30.75  | 124.57 | 72.65  | 19328.49 | 192.17 | 905.17  | 65.42  |
| L999203 | 5.38   | < LOD | 7.84   | < LOD | 6.06   | 161.77 | 10.89  | < LOD | 32.48 | 67.53 | 11.96  | < LOD | 29.5   | 227.83 | 71.2   | 18494.77 | 185.15 | 1192.41 | 70.39  |
| L999204 | 5.68   | < LOD | 7.81   | < LOD | 5.69   | 200.45 | 11.93  | < LOD | 32.94 | 68.32 | 12.26  | < LOD | 30.24  | < LOD  | 131.18 | 29819.98 | 235.92 | 2565.8  | 95.35  |
| L999205 | 7.27   | < LOD | 7.96   | < LOD | 6.04   | 220.37 | 12.72  | < LOD | 33.25 | 36.15 | 11.85  | < LOD | 31.75  | < LOD  | 130.82 | 28561.27 | 238.29 | 3462.79 | 111.11 |
| L999206 | 6.32   | < LOD | 8.37   | < LOD | 6.44   | 188.13 | 12.32  | < LOD | 35.6  | 69.54 | 13.3   | 43.36 | 22.61  | < LOD  | 138.11 | 29524.35 | 248.31 | 2713.98 | 103.34 |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L999207 | 287284 | 5465486 | 2006 | 6.02  | 2.3    | 108.45 | 3.61   | 99.98  | 3.23   | 8.67  | 4.33  | 47.32 | 2.7    | 6.23  | 2.46   | < LOD | 6.16   | < LOD | 3.03   | 35.1   |
| L999208 | 287294 | 5465463 | 2002 | 3.66  | 2.23   | 94.76  | 3.39   | 75.99  | 2.85   | < LOD | 6.28  | 47.85 | 2.69   | 6.09  | 2.45   | < LOD | 6.23   | < LOD | 3.02   | 38.54  |
| L999209 | 287301 | 5465438 | 1997 | 8.06  | 2.47   | 63.71  | 3.21   | 59.07  | 2.79   | < LOD | 6.26  | 35.66 | 2.6    | < LOD | 3.58   | < LOD | 6.2    | < LOD | 3.45   | 23.74  |
| L999210 | 287309 | 5465415 | 1993 | 5.69  | 2.54   | 107.02 | 4.09   | 141.36 | 4.21   | < LOD | 7     | 48.02 | 3      | 5.16  | 2.7    | 8.07  | 4.77   | < LOD | 3.38   | 31.2   |
| L999211 | 287317 | 5465392 | 1991 | 10.47 | 3.66   | 81.71  | 5.09   | 90.79  | 4.81   | < LOD | 8.75  | 28.21 | 3.4    | < LOD | 5.41   | < LOD | 9.13   | < LOD | 5.95   | 26.28  |
| L999212 | 287326 | 5465369 | 1986 | 4.2   | 2.41   | 143.95 | 4.22   | 124.61 | 3.71   | < LOD | 6.8   | 51.31 | 2.89   | 7.8   | 2.69   | 9.49  | 4.63   | 3.79  | 2.39   | 68.75  |
| L999213 | 287332 | 5465343 | 1986 | 6.03  | 2.35   | 125.86 | 3.95   | 136.48 | 3.8    | < LOD | 6.25  | 45.46 | 2.68   | < LOD | 3.58   | 17.72 | 4.79   | < LOD | 3.09   | 81.84  |
| L999214 | 287339 | 5465321 | 1984 | 6.12  | 2.41   | 112.19 | 3.81   | 99.21  | 3.36   | 7.18  | 4.39  | 44.42 | 2.74   | 4.71  | 2.52   | 12.31 | 4.7    | < LOD | 3.38   | 57.11  |
| L999215 | 287287 | 5465310 | 1963 | 6.46  | 2.36   | 125.93 | 3.89   | 113.44 | 3.47   | 7.1   | 4.36  | 47.25 | 2.73   | 4.39  | 2.47   | 20.25 | 4.9    | < LOD | 3.25   | 93.54  |
| L999216 | 287294 | 5465285 | 1966 | < LOD | 3.43   | 118.83 | 3.76   | 95.33  | 3.19   | 7.44  | 4.55  | 60.73 | 3.01   | 5.49  | 2.58   | 28.15 | 5.18   | < LOD | 3.24   | 165.38 |
| L999217 | 287303 | 5465260 | 1961 | 3.82  | 2.35   | 142.84 | 4.02   | 79.87  | 2.96   | 8.13  | 4.79  | 73.16 | 3.27   | 7.67  | 2.73   | 28.43 | 5.24   | < LOD | 3.24   | 168.88 |
| L999218 | 287310 | 5465236 | 1946 | 9.16  | 2.58   | 90.15  | 3.73   | 84.28  | 3.32   | < LOD | 7.58  | 78.55 | 3.66   | 5.36  | 2.75   | < LOD | 6.98   | < LOD | 3.59   | 63.55  |
| L999219 | 287318 | 5465213 | 1945 | 4.12  | 2.28   | 87.59  | 3.42   | 97.57  | 3.25   | < LOD | 6.66  | 56.83 | 2.94   | 4.73  | 2.5    | 17.03 | 4.78   | < LOD | 3.19   | 110.24 |
| L999220 | 287336 | 5465166 | 1946 | 3.92  | 2.15   | 95.69  | 3.31   | 91.07  | 2.98   | < LOD | 5.61  | 36.81 | 2.32   | 4.65  | 2.24   | < LOD | 5.56   | < LOD | 2.67   | 43.87  |
| L999221 | 287342 | 5465141 | 1938 | 6.54  | 2.64   | 76.23  | 3.66   | 70.21  | 3.21   | < LOD | 7.33  | 50.49 | 3.2    | < LOD | 3.94   | < LOD | 6.84   | < LOD | 3.96   | 56.07  |
| L999222 | 287348 | 5465117 | 1940 | 5.8   | 2.3    | 127    | 3.82   | 101    | 3.23   | < LOD | 6.1   | 47.78 | 2.67   | 7.15  | 2.51   | < LOD | 6.17   | < LOD | 2.99   | 27.73  |
| L999223 | 287358 | 5465095 | 1939 | < LOD | 3.41   | 116.57 | 3.85   | 155.78 | 3.99   | < LOD | 6.13  | 41.04 | 2.54   | 4.41  | 2.37   | < LOD | 6.16   | < LOD | 3.18   | 78     |
| L999224 | 287365 | 5465071 | 1939 | 5.05  | 2.63   | 83.64  | 3.77   | 60.22  | 3.02   | < LOD | 6.69  | 33.11 | 2.71   | 5.95  | 2.81   | < LOD | 7.21   | < LOD | 3.9    | 61.36  |
| L999225 | 287372 | 5465047 | 1938 | 4.4   | 2.31   | 101.52 | 3.65   | 119.05 | 3.57   | < LOD | 6.22  | 38.02 | 2.52   | 3.55  | 2.34   | < LOD | 6.35   | < LOD | 3.18   | 89.76  |
| L999226 | 287390 | 5465002 | 1948 | < LOD | 3.26   | 96.06  | 3.36   | 68.85  | 2.7    | < LOD | 6.16  | 53.42 | 2.77   | 7.11  | 2.49   | < LOD | 6.19   | < LOD | 3.07   | 77.3   |
| L999227 | 287330 | 5465000 | 1933 | 6.16  | 2.3    | 94.77  | 3.45   | 81.83  | 2.98   | < LOD | 6.21  | 46.03 | 2.67   | 4.24  | 2.4    | 12.21 | 4.51   | < LOD | 3.11   | 66.57  |
| L999228 | 287321 | 5465030 | 1929 | < LOD | 3.79   | 118.7  | 4.28   | 165.84 | 4.52   | 10.2  | 4.67  | 32.71 | 2.63   | 5.78  | 2.71   | 8.41  | 4.79   | < LOD | 3.64   | 54.64  |
| L999229 | 287312 | 5465061 | 1919 | 5.13  | 2.43   | 112.32 | 3.97   | 130.54 | 3.89   | < LOD | 6.62  | 48.61 | 2.88   | 7.28  | 2.72   | 9.02  | 4.68   | < LOD | 3.55   | 90.55  |
| L999230 | 287301 | 5465080 | 1920 | 5.42  | 2.42   | 101.99 | 3.7    | 66.82  | 2.87   | < LOD | 6.66  | 50.42 | 2.92   | 5.75  | 2.64   | 14.13 | 4.84   | < LOD | 3.25   | 105.38 |
| L999231 | 287264 | 5465208 | 1927 | 4.52  | 2.32   | 107.63 | 3.69   | 98.65  | 3.28   | < LOD | 6.74  | 60.46 | 3.03   | 8.75  | 2.7    | 8.6   | 4.45   | < LOD | 3.23   | 115.42 |
| L999232 | 287258 | 5465223 | 1932 | 3.84  | 2.25   | 115.92 | 3.68   | 98.58  | 3.19   | < LOD | 6.46  | 58.13 | 2.89   | 6.4   | 2.55   | 20.38 | 4.81   | < LOD | 3.15   | 107.8  |
| L999233 | 287251 | 5465247 | 1943 | < LOD | 3.22   | 89.53  | 3.23   | 54.55  | 2.43   | < LOD | 5.96  | 44.27 | 2.55   | 8.04  | 2.54   | 15.7  | 4.53   | < LOD | 2.94   | 97.82  |
| L999234 | 287246 | 5465272 | 1952 | 5.64  | 2.27   | 117.12 | 3.63   | 72.16  | 2.76   | < LOD | 6.37  | 54.69 | 2.81   | 10.58 | 2.72   | 15.83 | 4.61   | < LOD | 3.13   | 96.37  |
| L999235 | 287241 | 5465299 | 1954 | < LOD | 3.49   | 142.83 | 4.04   | 83.64  | 3.03   | 9.42  | 4.93  | 76.6  | 3.36   | 7.77  | 2.71   | 19.32 | 4.89   | < LOD | 3.25   | 116.25 |
| L999236 | 287231 | 5465319 | 1952 | 4.59  | 2.27   | 106.01 | 3.6    | 103.26 | 3.28   | < LOD | 6.19  | 41.37 | 2.55   | 5.05  | 2.43   | 13.69 | 4.54   | < LOD | 3.01   | 93.18  |
| L999237 | 287224 | 5465346 | 1954 | 3.99  | 2.35   | 129.32 | 4.02   | 141.46 | 3.87   | 6.69  | 4.45  | 48.57 | 2.79   | 6.34  | 2.59   | 16.23 | 4.77   | < LOD | 3.23   | 103.58 |
| L999238 | 287216 | 5465368 | 1962 | 6.41  | 2.37   | 122.81 | 3.89   | 117.04 | 3.54   | < LOD | 6.64  | 51.88 | 2.85   | 4.96  | 2.52   | 18.81 | 4.84   | < LOD | 3.1    | 121.83 |
| L999239 | 287207 | 5465391 | 1964 | 5.07  | 2.3    | 129.49 | 3.9    | 138.06 | 3.72   | < LOD | 6.66  | 58.14 | 2.91   | 4.63  | 2.45   | 17.84 | 4.67   | < LOD | 2.95   | 90.38  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni     | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|----------|--------|---------|--------|
| L999207 | 4.61   | < LOD | 7.83   | < LOD | 5.91   | 170.24 | 11.25  | < LOD | 32.05 | 60.84 | 12.19  | < LOD  | 30.36  | 187.85 | 77.52  | 21857.01 | 204.1  | 993.32  | 67.46  |
| L999208 | 4.73   | < LOD | 7.97   | < LOD | 6.22   | 150.22 | 10.71  | < LOD | 32.98 | 66.8  | 12.33  | 108.03 | 22.56  | 305.23 | 77.52  | 21181.45 | 200.48 | 801.44  | 63.29  |
| L999209 | 4.47   | < LOD | 8.75   | < LOD | 6.52   | 99.43  | 10.2   | < LOD | 38.38 | 47.95 | 13.56  | < LOD  | 35.69  | 168.78 | 67.63  | 13249.52 | 174.4  | 693.94  | 65.33  |
| L999210 | 5.15   | < LOD | 9.16   | < LOD | 6.73   | 114.39 | 10.9   | < LOD | 38.79 | 36.98 | 13.51  | < LOD  | 36.83  | < LOD  | 132.78 | 23604.28 | 235.96 | 1431.04 | 85.4   |
| L999211 | 6.66   | < LOD | 15.65  | < LOD | 9.21   | 70.31  | 13.97  | < LOD | 70.26 | 42.22 | 24.19  | < LOD  | 64.02  | < LOD  | 129.21 | 10538.49 | 222.2  | 325.42  | 75.87  |
| L999212 | 5.86   | < LOD | 8.62   | < LOD | 5.92   | 123.36 | 10.42  | < LOD | 36.92 | 59.62 | 13.27  | 237.91 | 27.04  | 215.34 | 88.86  | 26847.92 | 234.79 | 902.06  | 68.79  |
| L999213 | 6.2    | < LOD | 7.98   | < LOD | 5.92   | 93.79  | 9.27   | < LOD | 33.67 | 41.59 | 11.95  | < LOD  | 31.23  | 155.67 | 78.28  | 21580.29 | 206.79 | 762.53  | 63.18  |
| L999214 | 5.65   | < LOD | 8.47   | < LOD | 6.28   | 84.36  | 9.26   | < LOD | 36.18 | 58.55 | 13.02  | < LOD  | 32.9   | 206.2  | 72.11  | 16742.74 | 187.03 | 866.77  | 66.69  |
| L999215 | 6.47   | < LOD | 8.2    | < LOD | 5.98   | 133.52 | 10.45  | < LOD | 33.64 | 57.68 | 12.36  | < LOD  | 31.92  | 226.14 | 79.21  | 21954.69 | 207.41 | 812.09  | 64.4   |
| L999216 | 7.91   | < LOD | 8.26   | < LOD | 6.29   | 136.94 | 10.54  | 38.19 | 23.05 | 61.25 | 12.33  | < LOD  | 31.19  | 239.03 | 80.15  | 22722.79 | 210.07 | 1331.38 | 75.32  |
| L999217 | 8.01   | < LOD | 8.22   | < LOD | 5.85   | 148.05 | 10.88  | < LOD | 34.08 | 72.92 | 12.82  | < LOD  | 32.13  | 274.17 | 88.3   | 27602.68 | 232.22 | 1283.8  | 75.31  |
| L999218 | 5.99   | < LOD | 9.04   | < LOD | 6.38   | 160.89 | 12.34  | < LOD | 38.44 | 74.4  | 14.79  | < LOD  | 35.45  | 181.13 | 78.95  | 18066.4  | 206.25 | 704.92  | 66.77  |
| L999219 | 6.77   | < LOD | 8.16   | < LOD | 5.95   | 240.23 | 13.18  | < LOD | 33.12 | 53.83 | 12.3   | 54.54  | 21.85  | < LOD  | 128.89 | 27208.31 | 231.77 | 1351.53 | 77.1   |
| L999220 | 4.55   | < LOD | 7.09   | < LOD | 5.18   | 113.85 | 9.27   | < LOD | 29.75 | 43.42 | 11.04  | < LOD  | 28.34  | 162.54 | 64.38  | 15786.82 | 167.57 | 335.58  | 48.16  |
| L999221 | 5.92   | < LOD | 10.06  | < LOD | 7.04   | 180.31 | 13.68  | < LOD | 44.77 | 81.45 | 16.24  | 42.84  | 26.72  | < LOD  | 126.39 | 19468.33 | 224.24 | 384.7   | 60.8   |
| L999222 | 4.4    | < LOD | 7.93   | < LOD | 5.94   | 101.21 | 9.33   | < LOD | 33.33 | 52.98 | 11.94  | < LOD  | 31     | 235.1  | 73.83  | 19370.02 | 191.94 | 740.84  | 61.29  |
| L999223 | 5.73   | < LOD | 8.19   | < LOD | 5.7    | 124.08 | 10.13  | < LOD | 33.79 | 37.84 | 11.6   | < LOD  | 30.83  | 181.8  | 84.81  | 26124.4  | 224.6  | 528.16  | 57.43  |
| L999224 | 6.22   | < LOD | 9.73   | < LOD | 6.92   | 66.99  | 9.79   | < LOD | 42.33 | 54.58 | 15.25  | < LOD  | 37.98  | 195.32 | 83.59  | 18142.17 | 217.75 | 459.92  | 63.71  |
| L999225 | 6.11   | < LOD | 7.71   | < LOD | 5.88   | 124.2  | 10.23  | < LOD | 33.42 | 52.87 | 12.37  | < LOD  | 31.35  | 133.05 | 88.53  | 28171.81 | 236.36 | 715.11  | 63.2   |
| L999226 | 5.64   | < LOD | 7.5    | < LOD | 6.23   | 82.05  | 8.55   | < LOD | 31.85 | 47.19 | 11.55  | 49.64  | 20.92  | 160.59 | 79.7   | 24018.61 | 211.13 | 636.16  | 58.85  |
| L999227 | 5.68   | < LOD | 8.01   | < LOD | 5.94   | 112.64 | 9.77   | < LOD | 32.78 | 70.39 | 12.7   | < LOD  | 31.9   | 146.82 | 88.82  | 28964.45 | 236.96 | 753.07  | 63.66  |
| L999228 | 5.83   | < LOD | 9.25   | < LOD | 7.04   | 106.83 | 10.69  | < LOD | 40    | 34.67 | 13.33  | < LOD  | 36.12  | 203.08 | 105.77 | 34211.07 | 281.76 | 606.69  | 66.83  |
| L999229 | 6.51   | < LOD | 8.53   | < LOD | 6.78   | 124.96 | 10.73  | < LOD | 35.28 | 73.36 | 13.91  | < LOD  | 35     | < LOD  | 149.2  | 33060.95 | 266.93 | 1049.39 | 74.53  |
| L999230 | 6.92   | < LOD | 8.51   | < LOD | 6.68   | 140.89 | 11.21  | < LOD | 35.88 | 40.67 | 12.79  | < LOD  | 33.48  | 187.39 | 88.53  | 25446.35 | 234.07 | 497.94  | 59.97  |
| L999231 | 6.74   | < LOD | 8.34   | < LOD | 6.16   | 175.85 | 11.71  | < LOD | 34.64 | 66.96 | 12.81  | 53.19  | 21.94  | < LOD  | 118.79 | 22446.82 | 211.38 | 1040.74 | 70.33  |
| L999232 | 6.63   | < LOD | 8.08   | < LOD | 6.19   | 158.57 | 10.94  | < LOD | 32.85 | 72.48 | 12.4   | < LOD  | 30.2   | 230.89 | 82.06  | 24771.65 | 215.99 | 1243.73 | 72.77  |
| L999233 | 6.25   | < LOD | 7.58   | < LOD | 6.04   | 109    | 9.36   | < LOD | 31.65 | 55.9  | 11.62  | 32.57  | 20.11  | 185.38 | 71.58  | 19041.53 | 187.46 | 903.54  | 64.27  |
| L999234 | 6.28   | < LOD | 8.1    | < LOD | 5.82   | 107.71 | 9.47   | 39.45 | 22.41 | 52.74 | 11.74  | < LOD  | 30.03  | 203    | 70.39  | 17950.76 | 183.21 | 668.55  | 58.85  |
| L999235 | 6.93   | < LOD | 8.27   | < LOD | 6.58   | 99.72  | 9.45   | < LOD | 33.38 | 64.6  | 12.5   | < LOD  | 31.63  | < LOD  | 126.1  | 25935    | 225.65 | 914.67  | 67.77  |
| L999236 | 6.25   | < LOD | 7.77   | < LOD | 5.84   | 118.28 | 9.85   | < LOD | 32.43 | 52.68 | 11.99  | < LOD  | 30.39  | 178.79 | 74.48  | 19943.26 | 195.7  | 1064.84 | 68.77  |
| L999237 | 6.65   | < LOD | 8.09   | < LOD | 6.23   | 122.23 | 10.16  | < LOD | 33.09 | 45.26 | 12.07  | < LOD  | 31.33  | < LOD  | 129.13 | 27088.61 | 232.01 | 1351.81 | 77.07  |
| L999238 | 7.04   | < LOD | 7.89   | < LOD | 6.09   | 132.19 | 10.44  | < LOD | 33.39 | 48.37 | 12.12  | < LOD  | 31.66  | < LOD  | 125.67 | 25372.37 | 224.09 | 930.82  | 67.8   |
| L999239 | 6.22   | < LOD | 7.97   | < LOD | 5.75   | 133.28 | 10.25  | 33.78 | 22.46 | 45.31 | 11.59  | < LOD  | 30.74  | 139.17 | 79.73  | 23858.98 | 211.93 | 1113    | 70.01  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L999240 | 287200 | 5465415 | 1971 | < LOD | 3.46   | 134.75 | 4.01   | 132.28 | 3.71   | < LOD | 6.59  | 50.46 | 2.79   | 6.33  | 2.55   | 14.42 | 4.64   | < LOD | 3.14   | 119.96 |
| L999241 | 287193 | 5465439 | 1979 | 5.99  | 2.28   | 114.58 | 3.68   | 116.02 | 3.42   | 6.4   | 4.18  | 44.36 | 2.6    | 6.09  | 2.48   | 15.15 | 4.57   | < LOD | 3.13   | 94.81  |
| L999242 | 287186 | 5465464 | 1982 | 5.09  | 2.46   | 121.56 | 4.1    | 126.88 | 3.86   | < LOD | 6.92  | 55.01 | 3.05   | 8.7   | 3.02   | 53.76 | 6.48   | < LOD | 3.54   | 198.68 |
| L999243 | 287179 | 5465487 | 1984 | 4.68  | 2.32   | 110.09 | 3.73   | 112.61 | 3.48   | < LOD | 6.29  | 46.26 | 2.7    | < LOD | 3.52   | < LOD | 6.41   | < LOD | 3.24   | 47.27  |
| L999244 | 287170 | 5465510 | 1994 | < LOD | 3.39   | 114.63 | 3.72   | 113.98 | 3.43   | < LOD | 6.56  | 54.3  | 2.85   | 4.3   | 2.39   | 6.36  | 4.22   | < LOD | 3.12   | 55.07  |
| L999350 | 712069 | 5530206 | 1713 | < LOD | 3.32   | 130.6  | 4.17   | 344.97 | 5.62   | < LOD | 6.27  | 33.85 | 2.33   | 4.01  | 2.26   | < LOD | 5.47   | < LOD | 2.84   | 7.09   |
| L999351 | 712028 | 5530206 | 1710 | 3.62  | 2.19   | 131.65 | 4.05   | 296.08 | 5.15   | < LOD | 6.1   | 32.91 | 2.27   | 5.83  | 2.31   | < LOD | 5.29   | < LOD | 2.74   | 8.17   |
| L999352 | 711980 | 5530207 | 1702 | 7.7   | 2.43   | 104.83 | 4.02   | 233.01 | 5.04   | < LOD | 6.25  | 23.14 | 2.19   | < LOD | 3.43   | < LOD | 5.81   | < LOD | 2.93   | < LOD  |
| L999353 | 711914 | 5530203 | 1711 | < LOD | 3.59   | 108.54 | 4.22   | 293.75 | 5.68   | < LOD | 6.79  | 31.01 | 2.48   | < LOD | 3.63   | < LOD | 6.15   | < LOD | 3.19   | < LOD  |
| L999354 | 711877 | 5530198 | 1712 | 6.65  | 3.1    | 127.31 | 5.42   | 247.21 | 6.53   | < LOD | 7.92  | 23.18 | 2.77   | < LOD | 4.46   | < LOD | 7.89   | < LOD | 4.67   | < LOD  |
| L999355 | 711825 | 5530198 | 1713 | < LOD | 3.35   | 119.73 | 4.1    | 327.4  | 5.57   | < LOD | 6.37  | 35.37 | 2.4    | 3.87  | 2.3    | < LOD | 5.79   | < LOD | 3.08   | < LOD  |
| L999356 | 711781 | 5530200 | 1720 | < LOD | 3.35   | 152.3  | 4.42   | 356.35 | 5.75   | < LOD | 6.42  | 35.71 | 2.4    | < LOD | 3.16   | < LOD | 5.5    | < LOD | 3.07   | < LOD  |
| L999357 | 711725 | 5530197 | 1718 | 5.73  | 2.45   | 107.29 | 4.22   | 277.94 | 5.59   | < LOD | 6.65  | 33.77 | 2.55   | < LOD | 3.5    | < LOD | 6.18   | < LOD | 3.33   | < LOD  |
| L999358 | 711679 | 5530194 | 1732 | 4.3   | 2.29   | 110.73 | 3.94   | 246.67 | 4.96   | 6.34  | 4.15  | 27.55 | 2.24   | 3.44  | 2.27   | < LOD | 5.54   | < LOD | 3.07   | < LOD  |
| L999359 | 711632 | 5530194 | 1729 | < LOD | 3.29   | 128.29 | 4.16   | 327.89 | 5.53   | < LOD | 6.32  | 38.87 | 2.46   | < LOD | 3.26   | < LOD | 5.74   | < LOD | 3      | 5.84   |
| L999360 | 711575 | 5530195 | 1746 | 4.57  | 2.25   | 153.77 | 4.27   | 274.81 | 5.03   | < LOD | 5.98  | 30.49 | 2.22   | 4.99  | 2.32   | < LOD | 5.94   | < LOD | 2.91   | 32.27  |
| L999361 | 711526 | 5530191 | 1749 | 5.33  | 2.26   | 130.29 | 4.1    | 291.74 | 5.21   | 7.03  | 4.18  | 30.6  | 2.27   | < LOD | 3.32   | < LOD | 5.67   | < LOD | 3.05   | 22.75  |
| L999363 | 711430 | 5530191 | 1736 | 4.88  | 2.27   | 145.6  | 4.29   | 305.51 | 5.36   | < LOD | 6.02  | 32.37 | 2.29   | < LOD | 3.32   | < LOD | 5.81   | < LOD | 2.87   | 10.83  |
| L999364 | 711378 | 5530189 | 1738 | 7.03  | 2.31   | 139.33 | 4.19   | 261.65 | 5      | < LOD | 5.83  | 28.05 | 2.18   | 5.16  | 2.35   | < LOD | 5.8    | < LOD | 3.16   | 12.56  |
| L999365 | 711328 | 5530186 | 1732 | 3.93  | 2.16   | 117.05 | 3.87   | 282.63 | 5.01   | < LOD | 5.8   | 30.66 | 2.18   | 3.98  | 2.2    | < LOD | 5.4    | < LOD | 2.91   | 12.78  |
| L999366 | 711276 | 5530179 | 1738 | 7.72  | 2.46   | 122.61 | 4.29   | 277.11 | 5.45   | < LOD | 7.05  | 47.15 | 2.84   | 4.33  | 2.52   | < LOD | 6.7    | < LOD | 3.55   | 11.57  |
| L999367 | 711228 | 5530184 | 1747 | < LOD | 3.42   | 166.76 | 4.56   | 319.39 | 5.53   | < LOD | 6.27  | 35.2  | 2.4    | < LOD | 3.22   | < LOD | 5.85   | < LOD | 3.16   | 5.48   |
| L999368 | 711168 | 5530179 | 1736 | 3.78  | 2.3    | 140.29 | 4.33   | 305.58 | 5.47   | < LOD | 6.2   | 26.52 | 2.2    | < LOD | 3.41   | < LOD | 5.95   | < LOD | 3.18   | 13.96  |
| L999369 | 711127 | 5530178 | 1734 | < LOD | 3.52   | 134.64 | 4.41   | 312.41 | 5.68   | < LOD | 6.27  | 27.96 | 2.29   | < LOD | 3.54   | < LOD | 6.17   | < LOD | 3.24   | 28.75  |
| L999370 | 711073 | 5530176 | 1731 | 5.73  | 2.41   | 132.33 | 4.49   | 353.82 | 6.08   | < LOD | 6.56  | 32.77 | 2.46   | 4.42  | 2.45   | < LOD | 6      | < LOD | 3.25   | < LOD  |
| L999371 | 711027 | 5530174 | 1742 | < LOD | 3.45   | 131.75 | 4.35   | 341.28 | 5.82   | < LOD | 6.55  | 39.23 | 2.55   | 4.83  | 2.43   | < LOD | 5.98   | < LOD | 3.12   | < LOD  |
| L999372 | 710979 | 5530177 | 1733 | < LOD | 3.47   | 130.55 | 4.3    | 312.84 | 5.59   | < LOD | 6.5   | 31.14 | 2.37   | < LOD | 3.39   | < LOD | 5.83   | < LOD | 3.29   | 10.75  |
| L999373 | 710925 | 5530173 | 1728 | < LOD | 3.31   | 131.06 | 4.12   | 306.34 | 5.31   | < LOD | 5.91  | 27.58 | 2.15   | < LOD | 3.29   | < LOD | 5.51   | < LOD | 2.83   | < LOD  |
| L999374 | 710875 | 5530172 | 1727 | < LOD | 3.51   | 124.73 | 4.3    | 308.52 | 5.64   | < LOD | 6.47  | 31.43 | 2.4    | 6.06  | 2.52   | < LOD | 6.06   | < LOD | 3.26   | < LOD  |
| L999375 | 710825 | 5530170 | 1739 | < LOD | 3.3    | 124.22 | 4.12   | 329.82 | 5.55   | < LOD | 6.33  | 29.96 | 2.27   | < LOD | 3.28   | < LOD | 5.44   | < LOD | 3.1    | < LOD  |
| L999376 | 710776 | 5530169 | 1732 | 4.87  | 2.44   | 124.46 | 4.44   | 317.87 | 5.9    | < LOD | 6.82  | 31.97 | 2.5    | < LOD | 3.59   | < LOD | 5.91   | < LOD | 3.32   | < LOD  |
| L999377 | 710724 | 5530168 | 1725 | < LOD | 3.38   | 156.82 | 4.46   | 357.56 | 5.75   | < LOD | 6.36  | 37.66 | 2.43   | < LOD | 3.36   | < LOD | 5.52   | < LOD | 2.96   | < LOD  |
| L999378 | 710673 | 5530168 | 1720 | 5.16  | 2.58   | 114.29 | 4.5    | 274.09 | 5.81   | 7.8   | 4.68  | 23.91 | 2.4    | < LOD | 3.69   | < LOD | 6.23   | < LOD | 3.51   | < LOD  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L999240 | 6.86   | < LOD | 8.15   | < LOD | 5.9    | 136.75 | 10.48  | < LOD | 32.93 | 40.95 | 11.79  | < LOD | 31.23  | 149.44 | 86.99  | 27738.04 | 231.89 | 1097.39 | 70.69  |
| L999241 | 6.25   | < LOD | 8      | < LOD | 6.26   | 99.59  | 9.21   | < LOD | 33.03 | 27.36 | 10.97  | < LOD | 29.22  | 216.94 | 70.28  | 17727.47 | 182.31 | 484.86  | 54.22  |
| L999242 | 9.39   | < LOD | 8.9    | < LOD | 6.62   | 153.94 | 11.71  | < LOD | 37.06 | 52.12 | 13.24  | < LOD | 34.35  | < LOD  | 146.56 | 32031.06 | 264.39 | 1927.53 | 92.78  |
| L999243 | 5.09   | < LOD | 8.14   | < LOD | 6.23   | 102.55 | 9.55   | < LOD | 33.19 | 42.96 | 11.98  | < LOD | 31.36  | 224.2  | 73.33  | 18176.8  | 190.44 | 891.26  | 66.32  |
| L999244 | 5.21   | < LOD | 8.01   | < LOD | 6.23   | 117.05 | 9.87   | < LOD | 34.09 | 58.66 | 12.15  | 38.73 | 21.47  | 388.82 | 82.39  | 23538.87 | 212.08 | 886.52  | 65.66  |
| L999350 | 3.38   | < LOD | 7.46   | < LOD | 5.44   | 52.91  | 7.31   | < LOD | 29.72 | 18.65 | 10.24  | < LOD | 28.51  | < LOD  | 100.26 | 17758.45 | 178.52 | 306.75  | 48.16  |
| L999351 | 3.33   | < LOD | 7.23   | < LOD | 5.5    | 57.65  | 7.41   | < LOD | 29.89 | 24.23 | 10.28  | < LOD | 27.91  | < LOD  | 95.07  | 15976.67 | 167.25 | 295.57  | 46.49  |
| L999352 | 5.25   | < LOD | 8.12   | < LOD | 5.62   | 51.3   | 7.99   | < LOD | 34.65 | 38.39 | 12.49  | < LOD | 31.89  | 92.75  | 58.28  | 10680.27 | 150.99 | 237.75  | 48.15  |
| L999353 | 5.27   | < LOD | 8.45   | < LOD | 6.2    | 46.6   | 7.91   | < LOD | 35.76 | < LOD | 17.8   | < LOD | 31.59  | < LOD  | 91.61  | 12353.13 | 163.34 | 205.29  | 48.28  |
| L999354 | 6.93   | < LOD | 12.29  | < LOD | 8.11   | 55.55  | 10.75  | < LOD | 52.17 | < LOD | 25.68  | < LOD | 48.44  | < LOD  | 118.26 | 12503.81 | 205.18 | 221.33  | 61.61  |
| L999355 | 5.05   | < LOD | 7.65   | < LOD | 5.7    | 55.04  | 7.62   | < LOD | 32.21 | 35.84 | 11.12  | < LOD | 28.95  | < LOD  | 96.68  | 15683.97 | 170.8  | 456.4   | 52.91  |
| L999356 | 4.8    | < LOD | 7.53   | < LOD | 5.72   | 37.81  | 6.84   | < LOD | 31.25 | 26.06 | 10.59  | < LOD | 28.42  | 112.74 | 56.14  | 11485.49 | 145.34 | 352.51  | 49.1   |
| L999357 | 5.42   | < LOD | 8.3    | < LOD | 6.25   | 65.98  | 8.67   | < LOD | 34.52 | < LOD | 17.52  | < LOD | 33     | < LOD  | 107.68 | 16384.39 | 189.55 | 361.73  | 54.8   |
| L999358 | 5      | < LOD | 7.86   | < LOD | 5.61   | 63.25  | 8.08   | < LOD | 32.95 | 36.72 | 11.65  | < LOD | 30.67  | 127.52 | 55.98  | 10537.12 | 143.74 | 424.09  | 51.94  |
| L999359 | 3.47   | < LOD | 7.78   | < LOD | 5.83   | 67.8   | 8.03   | < LOD | 32.07 | 20.67 | 10.49  | < LOD | 29.22  | < LOD  | 98.02  | 16187.58 | 172.35 | 419.43  | 51.4   |
| L999360 | 4.38   | < LOD | 7.62   | < LOD | 5.39   | 103.27 | 9.06   | < LOD | 30.99 | 34.25 | 10.8   | < LOD | 28.54  | 230.9  | 65.97  | 16046.42 | 169.82 | 523.22  | 53.49  |
| L999361 | 3.99   | < LOD | 7.61   | < LOD | 5.6    | 109.4  | 9.33   | < LOD | 32    | 39.23 | 11.07  | < LOD | 29.19  | 163.98 | 64.02  | 15168.09 | 166.36 | 584     | 55.61  |
| L999363 | 3.7    | < LOD | 7.66   | < LOD | 5.75   | 118.65 | 9.65   | < LOD | 31.91 | 30.04 | 10.9   | < LOD | 29.45  | < LOD  | 109.92 | 20662.41 | 194.59 | 509.17  | 54.57  |
| L999364 | 3.74   | < LOD | 7.77   | < LOD | 5.91   | 140.56 | 10.4   | < LOD | 33.26 | 61.47 | 12.11  | < LOD | 30.27  | 239.1  | 68.43  | 16636.2  | 176.32 | 629.2   | 57.7   |
| L999365 | 3.53   | < LOD | 7.28   | < LOD | 5.48   | 129.96 | 9.7    | < LOD | 31.35 | 23.2  | 10.19  | < LOD | 28.03  | < LOD  | 104.26 | 19587.94 | 184.4  | 629.11  | 55.73  |
| L999366 | 4.17   | < LOD | 8.57   | < LOD | 6.32   | 140.53 | 11.03  | < LOD | 36.07 | 46.43 | 12.57  | < LOD | 33.5   | < LOD  | 128.72 | 25291.27 | 229.33 | 844.21  | 67.51  |
| L999367 | 3.51   | < LOD | 7.61   | < LOD | 5.79   | 121.68 | 9.8    | < LOD | 31.73 | 20.94 | 10.66  | < LOD | 30.1   | < LOD  | 108.13 | 19656.08 | 191.83 | 616.75  | 58.36  |
| L999368 | 3.87   | < LOD | 8      | < LOD | 5.77   | 72.29  | 8.42   | 36.82 | 22.56 | 21.76 | 10.86  | < LOD | 30.3   | < LOD  | 111.74 | 20770.86 | 199.16 | 430.85  | 53.97  |
| L999369 | 4.49   | < LOD | 8.25   | < LOD | 5.96   | 149.23 | 10.99  | < LOD | 32.85 | 20.37 | 11.37  | < LOD | 31.69  | < LOD  | 116.77 | 21229.68 | 206.91 | 520.05  | 57.63  |
| L999370 | 5.4    | < LOD | 7.91   | < LOD | 6.24   | 77.74  | 8.87   | < LOD | 34.4  | 22.5  | 11.53  | < LOD | 31.82  | 113.88 | 74.47  | 18903.53 | 196.89 | 461.4   | 56.31  |
| L999371 | 5.17   | < LOD | 7.85   | < LOD | 5.83   | 83.56  | 8.83   | < LOD | 32.97 | 25.63 | 11.16  | < LOD | 29.94  | 135.36 | 72.12  | 18543.57 | 189.88 | 420.81  | 53.7   |
| L999372 | 3.72   | < LOD | 8.15   | < LOD | 6.21   | 107.58 | 9.66   | < LOD | 33.64 | 32.7  | 11.47  | < LOD | 31.52  | 125.8  | 80.31  | 23361.36 | 213.44 | 541.98  | 57.86  |
| L999373 | 4.83   | < LOD | 7.43   | < LOD | 5.41   | 91.28  | 8.71   | < LOD | 30.98 | 38.72 | 10.98  | < LOD | 28.26  | 140.15 | 67.61  | 17463.75 | 177.65 | 725.33  | 58.91  |
| L999374 | 5.33   | < LOD | 8.08   | < LOD | 5.95   | 90.39  | 9.24   | < LOD | 34.04 | 30.19 | 11.68  | < LOD | 31.2   | 157.61 | 76.57  | 20177.94 | 201.67 | 638.3   | 60.59  |
| L999375 | 4.91   | < LOD | 7.66   | < LOD | 5.82   | 86.41  | 8.65   | < LOD | 32.16 | 22.67 | 10.56  | < LOD | 29.56  | 130.43 | 66.4   | 16552.54 | 174.27 | 502.56  | 54.15  |
| L999376 | 5.27   | < LOD | 8.55   | < LOD | 6.14   | 60.84  | 8.48   | < LOD | 35.93 | 21.36 | 11.96  | < LOD | 32.85  | 125.1  | 71.43  | 16384.13 | 187.44 | 348.2   | 53.62  |
| L999377 | 4.94   | < LOD | 7.85   | < LOD | 5.5    | 57.08  | 7.62   | < LOD | 31.91 | 19.52 | 10.37  | < LOD | 28.64  | < LOD  | 97.32  | 16507.43 | 173.32 | 449.32  | 52.34  |
| L999378 | 5.44   | < LOD | 9.11   | < LOD | 6.21   | 78.54  | 9.69   | < LOD | 38.32 | 33.02 | 13.69  | < LOD | 36.77  | 214.15 | 72.08  | 14101.96 | 184.53 | 358.28  | 56.61  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L999379 | 710627 | 5530166 | 1724 | 4.55  | 2.3    | 134.67 | 4.38   | 380.76 | 6.05   | < LOD | 6.51  | 34.46 | 2.41   | < LOD | 3.46   | < LOD | 5.84   | < LOD | 3.19   | < LOD  |
| L999380 | 710573 | 5530164 | 1714 | 3.47  | 2.2    | 106.27 | 4.14   | 447.27 | 6.42   | < LOD | 6.63  | 40.08 | 2.52   | < LOD | 3.38   | < LOD | 5.32   | < LOD | 2.9    | < LOD  |
| L999381 | 710519 | 5530164 | 1701 | 3.46  | 2.25   | 134.89 | 4.29   | 357.9  | 5.79   | < LOD | 6.47  | 34.04 | 2.38   | 3.57  | 2.31   | < LOD | 6.2    | < LOD | 3.07   | < LOD  |
| L999382 | 710468 | 5530157 | 1707 | 4.26  | 2.3    | 149.57 | 4.42   | 339.22 | 5.67   | < LOD | 6.34  | 27.92 | 2.23   | 4.13  | 2.3    | < LOD | 5.62   | < LOD | 3.12   | 6.34   |
| L999383 | 710425 | 5530161 | 1696 | 3.93  | 2.26   | 125.67 | 4.21   | 347.84 | 5.75   | < LOD | 6.43  | 38.22 | 2.47   | 5     | 2.39   | < LOD | 5.9    | < LOD | 2.95   | < LOD  |
| L999384 | 710377 | 5530161 | 1691 | 4.1   | 2.2    | 97.23  | 3.81   | 311.96 | 5.4    | < LOD | 6.16  | 30.9  | 2.27   | < LOD | 3.27   | < LOD | 5.69   | < LOD | 3.07   | < LOD  |
| L999385 | 710325 | 5530159 | 1680 | 5.81  | 2.49   | 125.96 | 4.56   | 339.15 | 6.16   | < LOD | 7.11  | 36.03 | 2.65   | 5.94  | 2.65   | < LOD | 6.61   | < LOD | 3.44   | < LOD  |
| L999386 | 710272 | 5530154 | 1668 | < LOD | 3.31   | 108.03 | 4.02   | 356.05 | 5.78   | < LOD | 6.22  | 31.26 | 2.29   | < LOD | 3.33   | < LOD | 5.63   | < LOD | 3.13   | 5.95   |
| L999387 | 710225 | 5530153 | 1664 | 3.7   | 2.3    | 129.17 | 4.29   | 336.38 | 5.74   | < LOD | 6.44  | 30.85 | 2.34   | < LOD | 3.37   | < LOD | 5.82   | < LOD | 3.31   | 13.12  |
| L999389 | 710116 | 5530152 | 1648 | < LOD | 3.3    | 115.08 | 4.07   | 361.46 | 5.78   | < LOD | 6.38  | 33.49 | 2.35   | 4.68  | 2.31   | < LOD | 5.41   | < LOD | 2.85   | 7.07   |
| L999390 | 710072 | 5530149 | 1640 | 5.25  | 2.15   | 114.51 | 3.76   | 257.8  | 4.75   | < LOD | 5.68  | 28.12 | 2.1    | 3.52  | 2.12   | < LOD | 5.08   | < LOD | 2.9    | 5.85   |
| L999391 | 710238 | 5529981 | 1643 | 5.06  | 2.32   | 100.07 | 3.9    | 238.21 | 4.99   | < LOD | 5.83  | 25.48 | 2.18   | < LOD | 3.36   | < LOD | 5.56   | < LOD | 3.22   | < LOD  |
| L999392 | 710295 | 5529981 | 1655 | 3.51  | 2.23   | 136.85 | 4.24   | 348.17 | 5.65   | < LOD | 6.34  | 31.51 | 2.29   | 4.55  | 2.3    | < LOD | 5.6    | < LOD | 2.9    | 5.89   |
| L999393 | 710345 | 5529984 | 1667 | 5.4   | 2.35   | 145.58 | 4.43   | 314.65 | 5.58   | < LOD | 6.29  | 26.82 | 2.23   | 3.84  | 2.32   | < LOD | 5.59   | < LOD | 3.01   | 5.47   |
| L999394 | 710400 | 5529985 | 1675 | 5.68  | 2.24   | 108.9  | 3.92   | 291.91 | 5.26   | < LOD | 5.72  | 26.13 | 2.11   | < LOD | 3.02   | < LOD | 5.54   | < LOD | 3.06   | < LOD  |
| L999395 | 710445 | 5529986 | 1682 | 4.14  | 2.28   | 125.26 | 4.41   | 451.06 | 6.57   | < LOD | 6.61  | 31.43 | 2.35   | 4.3   | 2.36   | < LOD | 5.73   | < LOD | 3.19   | 6.35   |
| L999396 | 710494 | 5529986 | 1687 | 6.85  | 2.32   | 153.72 | 4.34   | 285.39 | 5.18   | < LOD | 6.17  | 33.12 | 2.33   | 4.18  | 2.31   | < LOD | 5.9    | < LOD | 3.11   | < LOD  |
| L999397 | 710550 | 5529988 | 1691 | < LOD | 3.38   | 131.46 | 4.28   | 352.16 | 5.8    | < LOD | 6.32  | 39.03 | 2.49   | < LOD | 3.34   | < LOD | 5.61   | < LOD | 3.04   | < LOD  |
| L999398 | 710602 | 5529993 | 1699 | < LOD | 3.31   | 115.11 | 4.03   | 326.15 | 5.53   | < LOD | 6.15  | 30.04 | 2.25   | 4.46  | 2.32   | < LOD | 5.88   | < LOD | 2.93   | < LOD  |
| L999399 | 710646 | 5529990 | 1702 | 5.29  | 2.24   | 112.73 | 4.02   | 326.8  | 5.54   | < LOD | 6.16  | 33.23 | 2.32   | < LOD | 3.36   | < LOD | 5.63   | < LOD | 3.06   | < LOD  |
| L999400 | 710695 | 5529989 | 1694 | < LOD | 3.55   | 130.14 | 4.36   | 249.02 | 5.22   | < LOD | 6.34  | 26.64 | 2.31   | < LOD | 3.47   | < LOD | 5.74   | < LOD | 3.21   | < LOD  |
| L999401 | 710748 | 5529990 | 1691 | 5.17  | 2.96   | 110.67 | 4.99   | 222.95 | 6.04   | < LOD | 7.73  | 23.25 | 2.69   | < LOD | 4.29   | < LOD | 7.42   | < LOD | 4.6    | < LOD  |
| L999402 | 710802 | 5529994 | 1684 | < LOD | 3.21   | 99.36  | 3.83   | 336.09 | 5.52   | < LOD | 6.24  | 34.24 | 2.33   | 3.65  | 2.22   | < LOD | 5.42   | < LOD | 2.96   | < LOD  |
| L999403 | 710845 | 5529992 | 1692 | < LOD | 3.36   | 118.64 | 4.24   | 379.99 | 6.07   | < LOD | 6.57  | 30.86 | 2.34   | < LOD | 3.12   | < LOD | 5.65   | < LOD | 3      | 5.91   |
| L999404 | 710899 | 5529994 | 1693 | 6.08  | 2.24   | 94.86  | 3.72   | 261.69 | 5      | < LOD | 5.72  | 21.56 | 2      | < LOD | 3.11   | < LOD | 5.14   | < LOD | 3.08   | 4.96   |
| L999405 | 710945 | 5529996 | 1698 | 3.96  | 2.23   | 125.85 | 4.06   | 290.5  | 5.2    | < LOD | 6.11  | 29.38 | 2.22   | < LOD | 3.33   | < LOD | 5.74   | < LOD | 2.92   | < LOD  |
| L999406 | 710996 | 5529999 | 1711 | 6.44  | 2.25   | 105.27 | 3.89   | 303.48 | 5.34   | < LOD | 6.18  | 28.62 | 2.22   | 3.73  | 2.25   | < LOD | 5.54   | < LOD | 3.07   | < LOD  |
| L999407 | 711049 | 5530000 | 1722 | 8.61  | 2.63   | 95.22  | 4.33   | 279.38 | 5.93   | < LOD | 6.84  | 30.34 | 2.59   | 5.36  | 2.71   | < LOD | 6.32   | < LOD | 3.44   | < LOD  |
| L999408 | 711098 | 5530001 | 1720 | 4.3   | 2.3    | 118.24 | 4.24   | 360.56 | 5.97   | < LOD | 6.63  | 39.58 | 2.57   | < LOD | 3.42   | < LOD | 5.75   | < LOD | 3.02   | < LOD  |
| L999409 | 711148 | 5530001 | 1733 | < LOD | 3.27   | 118.26 | 4.07   | 332.22 | 5.57   | < LOD | 6.31  | 34.66 | 2.37   | < LOD | 3.3    | < LOD | 5.77   | < LOD | 2.9    | 5.71   |
| L999410 | 711202 | 5530003 | 1725 | 4.64  | 2.21   | 140.12 | 4.13   | 302.91 | 5.2    | < LOD | 5.81  | 27.33 | 2.12   | 3.96  | 2.2    | < LOD | 5.31   | < LOD | 2.9    | 8.4    |
| L999411 | 711251 | 5530003 | 1724 | < LOD | 3.49   | 175.48 | 4.67   | 328.29 | 5.62   | < LOD | 6.37  | 33.49 | 2.38   | 5.97  | 2.45   | < LOD | 6.07   | < LOD | 3.3    | 122.24 |
| L999412 | 711301 | 5530005 | 1725 | 4.21  | 2.23   | 124.65 | 4.07   | 299.23 | 5.28   | < LOD | 6.08  | 28.26 | 2.19   | 4.91  | 2.31   | < LOD | 5.72   | < LOD | 3.15   | 14.7   |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn     | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|--------|--------|
| L999379 | 5.1    | < LOD | 7.89   | < LOD | 5.7    | 58.48  | 7.84   | < LOD | 33.05 | 21.14 | 10.8   | < LOD | 30.32  | < LOD  | 98.6   | 16013.59 | 174.25 | 376.11 | 51.59  |
| L999380 | 4.65   | < LOD | 7.57   | < LOD | 5.73   | 39.97  | 6.93   | < LOD | 31.31 | 16.3  | 10.16  | < LOD | 28.4   | < LOD  | 92.27  | 14402.94 | 162.38 | 356.32 | 49.42  |
| L999381 | 5.33   | < LOD | 7.61   | < LOD | 5.72   | 127.85 | 9.9    | < LOD | 31.56 | 27.03 | 10.73  | < LOD | 29.49  | 135.7  | 66.31  | 16358.66 | 173.8  | 549.05 | 55.3   |
| L999382 | 3.43   | < LOD | 7.69   | < LOD | 5.49   | 75.02  | 8.35   | < LOD | 31.8  | 72.04 | 12.36  | < LOD | 29.67  | 128.89 | 68.03  | 17174.71 | 178.76 | 387.86 | 50.93  |
| L999383 | 5.09   | < LOD | 7.7    | < LOD | 5.5    | 111.71 | 9.47   | < LOD | 31.18 | 30.04 | 10.91  | < LOD | 29.59  | 148.8  | 73.12  | 19962.59 | 192.73 | 561.67 | 56.3   |
| L999384 | 4.96   | < LOD | 7.62   | < LOD | 5.64   | 60.69  | 7.75   | < LOD | 31.76 | 26.39 | 10.67  | < LOD | 28.52  | < LOD  | 82.39  | 11319.82 | 144.66 | 356.78 | 49.08  |
| L999385 | 5.68   | < LOD | 8.74   | < LOD | 5.99   | 85.76  | 9.55   | < LOD | 36.9  | 25.24 | 12.31  | < LOD | 32.82  | < LOD  | 116.46 | 19304.57 | 205.72 | 424.72 | 57.28  |
| L999386 | 3.41   | < LOD | 7.84   | < LOD | 5.44   | 90.3   | 8.82   | < LOD | 32.5  | 27.91 | 10.9   | < LOD | 29.98  | < LOD  | 101.92 | 17517.47 | 179.82 | 405.61 | 51.43  |
| L999387 | 3.78   | < LOD | 8.07   | < LOD | 6      | 112.85 | 9.73   | < LOD | 33.05 | 46.16 | 11.78  | < LOD | 30.92  | < LOD  | 123.85 | 25480.89 | 220.82 | 680.99 | 60.98  |
| L999389 | 3.36   | < LOD | 7.59   | < LOD | 5.65   | 134.21 | 10.03  | < LOD | 31.57 | 19.74 | 10.4   | < LOD | 28.75  | 120.67 | 71.92  | 19967.1  | 190.46 | 747.43 | 60.04  |
| L999390 | 3.12   | < LOD | 7.18   | < LOD | 5.28   | 85.68  | 8.28   | < LOD | 29.75 | 37.25 | 10.46  | < LOD | 26.7   | 144.73 | 58.16  | 13226.27 | 150.6  | 368.9  | 47.8   |
| L999391 | 4.79   | < LOD | 7.87   | < LOD | 5.89   | 94.45  | 9.34   | < LOD | 33.56 | < LOD | 16.19  | < LOD | 30.75  | < LOD  | 93.36  | 13266.7  | 164.45 | 426.81 | 54.03  |
| L999392 | 3.4    | < LOD | 7.73   | < LOD | 5.78   | 62.84  | 7.83   | 35.88 | 21.46 | 50.83 | 11.33  | < LOD | 28.75  | 239.94 | 59.55  | 12465.86 | 150.47 | 405.28 | 50.35  |
| L999393 | 3.42   | < LOD | 8.02   | < LOD | 6.02   | 105.37 | 9.54   | < LOD | 33    | 39.04 | 11.6   | < LOD | 29.94  | 264.12 | 75.53  | 19750.55 | 195.66 | 650.31 | 59.47  |
| L999394 | 4.91   | < LOD | 7.53   | < LOD | 5.5    | 96.46  | 8.98   | < LOD | 31.54 | 22.27 | 10.76  | < LOD | 29.33  | 161.71 | 70.13  | 18253.66 | 183.9  | 696.44 | 58.64  |
| L999395 | 3.48   | < LOD | 8.1    | < LOD | 5.59   | 92.7   | 9.07   | 33.34 | 22.19 | 59.8  | 12.03  | < LOD | 29.8   | 249.27 | 73.02  | 18916.68 | 189.14 | 644.1  | 58.79  |
| L999396 | 5.23   | < LOD | 7.69   | < LOD | 5.74   | 54.48  | 7.62   | 34.52 | 21.78 | 47.64 | 11.47  | < LOD | 28.65  | 210.7  | 68.43  | 17098.35 | 177.33 | 451.08 | 52.25  |
| L999397 | 5.04   | < LOD | 7.88   | < LOD | 5.73   | 77.06  | 8.46   | < LOD | 32.53 | 39.34 | 11.25  | < LOD | 29.39  | 142.1  | 66.27  | 15970.14 | 173.26 | 455.86 | 53.31  |
| L999398 | 5.08   | < LOD | 7.83   | < LOD | 5.68   | 135.59 | 10.13  | < LOD | 31.9  | 35.41 | 11.07  | < LOD | 29.69  | < LOD  | 109.01 | 20320.7  | 192.97 | 521.23 | 54.85  |
| L999399 | 4.85   | < LOD | 7.79   | < LOD | 5.24   | 84.48  | 8.61   | < LOD | 31.68 | 33.9  | 10.98  | < LOD | 28.81  | 139.25 | 69.28  | 17979.92 | 182.16 | 569.25 | 55.99  |
| L999400 | 5.19   | < LOD | 8.6    | < LOD | 6.07   | 72.03  | 8.91   | < LOD | 36.78 | 23.92 | 12.04  | < LOD | 33.29  | 101.63 | 64.94  | 13464.46 | 169.86 | 429.62 | 55.6   |
| L999401 | 6.53   | < LOD | 11.24  | < LOD | 7.2    | 73.33  | 11.05  | < LOD | 47.3  | < LOD | 24.3   | < LOD | 44.7   | < LOD  | 118.94 | 13422.31 | 206.77 | 491.52 | 69.57  |
| L999402 | 4.77   | < LOD | 7.51   | < LOD | 5.74   | 72.1   | 8.03   | < LOD | 30.92 | 34.67 | 10.74  | < LOD | 28.19  | 168.89 | 60.61  | 13697.08 | 156.4  | 344.09 | 48.42  |
| L999403 | 3.45   | < LOD | 8.04   | < LOD | 5.71   | 55.49  | 7.74   | < LOD | 32.51 | 35.84 | 11.34  | < LOD | 30.34  | < LOD  | 97.11  | 15324.75 | 171.15 | 343.05 | 50.74  |
| L999404 | 3.15   | < LOD | 7.31   | < LOD | 5.31   | 73.37  | 8.26   | < LOD | 32.03 | 36.79 | 11.18  | < LOD | 28.25  | 113.03 | 58.69  | 12438.34 | 152.54 | 293.11 | 47.39  |
| L999405 | 5.01   | < LOD | 7.66   | < LOD | 5.65   | 85.59  | 8.61   | < LOD | 32.19 | 35.26 | 10.9   | < LOD | 28.63  | 150.56 | 64.57  | 15542.84 | 168.39 | 522.58 | 54.14  |
| L999406 | 4.89   | < LOD | 7.46   | < LOD | 5.38   | 64.72  | 7.88   | < LOD | 31.18 | 22.86 | 10.65  | < LOD | 28.61  | 109.45 | 61.67  | 14106.96 | 161.39 | 410.97 | 50.75  |
| L999407 | 5.59   | < LOD | 9.36   | < LOD | 6.74   | 57.35  | 9.1    | < LOD | 41.04 | 28.29 | 13.69  | < LOD | 35.52  | 194.53 | 66.76  | 11548.08 | 169.41 | 340.17 | 56.37  |
| L999408 | 4.97   | < LOD | 8.25   | < LOD | 5.8    | 47.94  | 7.6    | 37.42 | 23.02 | 25.43 | 11.21  | < LOD | 30.87  | < LOD  | 89.35  | 12702.99 | 157.81 | 369.98 | 51.81  |
| L999409 | 3.49   | < LOD | 7.97   | < LOD | 5.76   | 63.51  | 7.93   | 41.62 | 21.99 | 32.78 | 10.89  | < LOD | 29.39  | 236.95 | 59.12  | 12039.05 | 149.1  | 396.86 | 50.43  |
| L999410 | 3.34   | < LOD | 7.19   | < LOD | 5.72   | 90.07  | 8.51   | < LOD | 30.26 | 27.04 | 10.35  | < LOD | 28.12  | 144.32 | 60.34  | 13994.3  | 156.69 | 372.46 | 48.41  |
| L999411 | 6.57   | < LOD | 7.82   | < LOD | 6.43   | 152.94 | 10.75  | < LOD | 32.02 | 50.8  | 11.75  | < LOD | 30.71  | < LOD  | 123.05 | 25497.36 | 219.01 | 966.48 | 67.44  |
| L999412 | 3.75   | < LOD | 7.73   | < LOD | 5.7    | 164.26 | 10.85  | < LOD | 31.62 | 44.04 | 11.27  | < LOD | 29.34  | 224.19 | 67.6   | 16725.61 | 174.56 | 438.34 | 51.96  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| L999413 | 711352 | 5530006 | 1730 | 4.67  | 2.2    | 122.24 | 3.96   | 282.54 | 5.07   | < LOD | 5.97  | 31.14 | 2.23   | 4.5   | 2.26   | < LOD | 5.54   | < LOD | 2.68   | 15.74  |
| L999414 | 711400 | 5530006 | 1731 | 4.21  | 2.24   | 146.93 | 4.26   | 298.13 | 5.24   | < LOD | 5.92  | 28.7  | 2.18   | 5.28  | 2.31   | < LOD | 5.48   | < LOD | 3      | 15.72  |
| L999417 | 711550 | 5530008 | 1731 | 4.19  | 2.21   | 131.57 | 3.99   | 251.79 | 4.78   | 6.59  | 4.03  | 31.01 | 2.23   | 6.46  | 2.35   | < LOD | 5.53   | < LOD | 2.97   | 11.32  |
| L999418 | 711601 | 5530015 | 1731 | < LOD | 3.28   | 124.53 | 4.1    | 326.94 | 5.49   | < LOD | 6.21  | 37.81 | 2.42   | < LOD | 3.33   | < LOD | 5.71   | < LOD | 3.07   | < LOD  |
| L999419 | 711655 | 5530018 | 1719 | 4.4   | 2.2    | 107.37 | 3.9    | 318.5  | 5.42   | < LOD | 6.1   | 31.13 | 2.25   | 4.23  | 2.26   | < LOD | 5.47   | < LOD | 2.89   | < LOD  |
| L999420 | 287330 | 5465502 | 1645 | 4.81  | 2.44   | 102.18 | 3.83   | 119.93 | 3.74   | 10.1  | 5.06  | 66.14 | 3.31   | 7.36  | 2.74   | < LOD | 6.76   | < LOD | 3.5    | 48.98  |
| L999422 | 287351 | 5465443 | 1639 | 4.05  | 2.15   | 47.55  | 2.69   | 68.31  | 2.69   | 5.83  | 3.83  | 32.91 | 2.29   | 4.71  | 2.29   | < LOD | 5.95   | < LOD | 3.11   | 27.61  |
| L999423 | 287358 | 5465416 | 1631 | 4.58  | 2.23   | 108.54 | 3.59   | 119.75 | 3.45   | < LOD | 6.28  | 47.25 | 2.64   | 5.3   | 2.36   | < LOD | 5.9    | < LOD | 3.21   | 57.07  |
| L999424 | 287367 | 5465395 | 1629 | 4.24  | 2.44   | 121.98 | 4      | 93.51  | 3.34   | < LOD | 6.88  | 52.86 | 2.99   | 5.69  | 2.64   | 10.97 | 4.74   | < LOD | 3.34   | 69.66  |
| L999425 | 287373 | 5465367 | 1625 | 4.59  | 2.32   | 104.36 | 3.67   | 110.71 | 3.47   | < LOD | 6.58  | 54.6  | 2.91   | < LOD | 3.56   | 6.63  | 4.37   | < LOD | 3.41   | 69.8   |
| L999426 | 287384 | 5465345 | 1620 | < LOD | 3.39   | 129.48 | 3.89   | 138.61 | 3.72   | < LOD | 6.62  | 58.39 | 2.9    | 6.39  | 2.55   | 20.16 | 4.79   | < LOD | 3.13   | 109.9  |
| L999427 | 287390 | 5465322 | 1616 | 4.48  | 2.36   | 132.73 | 4.07   | 138.94 | 3.86   | < LOD | 6.31  | 36.75 | 2.51   | 6.12  | 2.51   | < LOD | 6.37   | < LOD | 3.07   | 47.12  |
| L999428 | 287398 | 5465301 | 1614 | < LOD | 3.37   | 117.84 | 3.69   | 99.46  | 3.19   | < LOD | 6.53  | 56.34 | 2.86   | 9.08  | 2.63   | 9.58  | 4.32   | < LOD | 2.98   | 109.89 |
| L999429 | 287408 | 5465275 | 1607 | 4.72  | 2.45   | 125.78 | 4.07   | 104.34 | 3.51   | < LOD | 6.72  | 45.15 | 2.81   | 6.45  | 2.66   | 9.3   | 4.65   | < LOD | 3.29   | 58.65  |
| L999430 | 287413 | 5465251 | 1605 | < LOD | 3.51   | 154.6  | 4.26   | 123.45 | 3.64   | 7.28  | 4.5   | 51.39 | 2.85   | 8.07  | 2.67   | 11.3  | 4.57   | < LOD | 3.2    | 71.82  |
| L999431 | 287422 | 5465227 | 1606 | < LOD | 3.31   | 132.29 | 3.87   | 133.93 | 3.62   | < LOD | 6.42  | 54.06 | 2.78   | 5.82  | 2.46   | 15.05 | 4.53   | < LOD | 3.1    | 87.97  |
| L999432 | 287430 | 5465198 | 1606 | 5.71  | 2.34   | 189.3  | 4.51   | 193.46 | 4.29   | < LOD | 6.34  | 45.64 | 2.61   | 9.16  | 2.61   | 9.22  | 4.29   | < LOD | 2.96   | 33.68  |
| L999433 | 287439 | 5465180 | 1604 | < LOD | 3.43   | 156.54 | 4.21   | 143.58 | 3.81   | < LOD | 6.64  | 53.02 | 2.83   | 7.49  | 2.58   | 11.18 | 4.47   | < LOD | 3.17   | 65.01  |
| L999434 | 287445 | 5465156 | 1604 | < LOD | 3.44   | 128.31 | 3.97   | 121.49 | 3.61   | 7.26  | 4.56  | 54.33 | 2.92   | 8.27  | 2.69   | 14.21 | 4.67   | < LOD | 3.1    | 127.53 |
| L999435 | 287458 | 5465131 | 1608 | 6.88  | 2.38   | 117.47 | 3.77   | 78.18  | 2.96   | < LOD | 6.29  | 46.05 | 2.71   | 4.33  | 2.39   | < LOD | 5.96   | < LOD | 3.16   | 59.63  |
| L999436 | 287461 | 5465110 | 1610 | 8.67  | 2.5    | 86.82  | 3.61   | 93.71  | 3.39   | 6.55  | 4.35  | 37.49 | 2.65   | < LOD | 3.71   | < LOD | 6.53   | < LOD | 3.26   | 41.56  |
| L999437 | 287471 | 5465084 | 1609 | 4.02  | 2.34   | 121.71 | 3.83   | 76.57  | 2.95   | < LOD | 6.13  | 42.02 | 2.61   | 5.45  | 2.48   | 6.91  | 4.39   | < LOD | 3.29   | 65.8   |
| L999438 | 287477 | 5465060 | 1608 | 7.62  | 3.49   | 93.46  | 5.04   | 59.94  | 3.9    | < LOD | 8.93  | 41.91 | 3.82   | < LOD | 4.94   | 13.18 | 6.93   | < LOD | 5.35   | 51.34  |
| L999439 | 287485 | 5465038 | 1608 | 4.4   | 2.3    | 123.9  | 3.88   | 141.78 | 3.79   | < LOD | 6.52  | 50.12 | 2.76   | 7.61  | 2.58   | 10.06 | 4.41   | < LOD | 3.11   | 69.35  |
| L999440 | 287491 | 5465014 | 1609 | < LOD | 3.51   | 131.95 | 4.01   | 114.69 | 3.53   | 7.78  | 4.58  | 55.02 | 2.95   | 7.6   | 2.66   | 11.73 | 4.61   | < LOD | 3.26   | 56.67  |
| L999441 | 287501 | 5464989 | 1616 | 4.03  | 2.24   | 84.97  | 3.39   | 117.83 | 3.51   | < LOD | 5.82  | 30.92 | 2.28   | 3.89  | 2.3    | < LOD | 6.07   | < LOD | 3.06   | 42.51  |
| L999442 | 287508 | 5464967 | 1618 | < LOD | 3.41   | 121.45 | 3.84   | 117.51 | 3.52   | < LOD | 6.37  | 44.78 | 2.66   | 7.32  | 2.59   | 13.75 | 4.61   | < LOD | 3.16   | 53.57  |
| L999443 | 287518 | 5464940 | 1624 | < LOD | 3.54   | 113.62 | 3.96   | 148.34 | 4.07   | < LOD | 6.37  | 40.44 | 2.64   | 3.84  | 2.47   | 10.94 | 4.65   | < LOD | 3.32   | 55.93  |
| L999444 | 287523 | 5464920 | 1627 | 4.28  | 2.42   | 105.74 | 3.85   | 106.9  | 3.56   | < LOD | 6.42  | 39.38 | 2.66   | 4.37  | 2.52   | < LOD | 6.82   | < LOD | 3.46   | 46.39  |
| L999445 | 287721 | 5464937 | 1678 | 5.6   | 2.27   | 111.43 | 3.64   | 110.27 | 3.35   | < LOD | 6.2   | 44.45 | 2.6    | 8.68  | 2.58   | 6.36  | 4.22   | < LOD | 3.15   | 63.77  |
| L999446 | 287711 | 5464957 | 1673 | 3.41  | 2.21   | 135.05 | 3.93   | 187.16 | 4.18   | < LOD | 6.04  | 39.37 | 2.42   | < LOD | 3.23   | < LOD | 5.87   | < LOD | 2.85   | 22.7   |
| L999447 | 287705 | 5464984 | 1666 | 4.62  | 2.33   | 114.42 | 3.79   | 114.7  | 3.51   | < LOD | 6.47  | 48.19 | 2.76   | 3.69  | 2.4    | 10.61 | 4.51   | < LOD | 3.28   | 60.9   |
| L999448 | 287696 | 5465008 | 1659 | < LOD | 3.43   | 110.19 | 3.7    | 96.24  | 3.24   | < LOD | 6.05  | 38.76 | 2.52   | 4.89  | 2.44   | 9.26  | 4.44   | < LOD | 3.18   | 61.48  |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L999413 | 3.71   | < LOD | 7.37   | < LOD | 5.4    | 119.88 | 9.48   | < LOD | 30.64 | 37.81 | 10.9   | < LOD | 29.06  | 124.58 | 67.6   | 17885.17 | 178.19 | 652.81  | 56.62  |
| L999414 | 3.68   | < LOD | 7.54   | < LOD | 5.65   | 90.73  | 8.67   | < LOD | 30.62 | 29.74 | 10.69  | < LOD | 28.74  | 198.21 | 65.49  | 15884.4  | 169.41 | 390.63  | 50.26  |
| L999417 | 3.54   | < LOD | 7.49   | < LOD | 5.24   | 64.99  | 7.78   | < LOD | 31.59 | 30.8  | 10.59  | < LOD | 27.8   | 121.19 | 53.45  | 10613.03 | 137.57 | 446.52  | 50.25  |
| L999418 | 5.1    | < LOD | 7.53   | < LOD | 5.28   | 65.92  | 7.9    | < LOD | 31.85 | 16.28 | 10.26  | < LOD | 28.56  | 115.03 | 64.05  | 15568.97 | 168.1  | 402.72  | 50.55  |
| L999419 | 4.73   | < LOD | 7.83   | < LOD | 5.35   | 48.95  | 7.27   | < LOD | 31.4  | 29.78 | 10.69  | < LOD | 28.35  | 137.72 | 55.93  | 11361.97 | 143.8  | 299.4   | 46.95  |
| L999420 | 5.38   | < LOD | 9.08   | < LOD | 6.46   | 245.8  | 14.05  | < LOD | 37.93 | 85.8  | 14.16  | 59.13 | 23.76  | < LOD  | 153.97 | 35391.57 | 276.98 | 4067.13 | 125.52 |
| L999422 | 4.29   | < LOD | 7.69   | < LOD | 5.76   | 118.98 | 9.72   | < LOD | 31.97 | 51.99 | 11.7   | 45.01 | 20.6   | 109.93 | 72.02  | 19487.36 | 191.24 | 1366.25 | 74.28  |
| L999423 | 5.05   | < LOD | 7.78   | < LOD | 5.61   | 116.71 | 9.65   | < LOD | 32.68 | 53.36 | 11.71  | < LOD | 30.31  | 205.49 | 71.68  | 18905.39 | 187.1  | 967.47  | 65.37  |
| L999424 | 6.05   | < LOD | 8.92   | < LOD | 6.25   | 90.19  | 9.67   | < LOD | 37.03 | 47.39 | 12.97  | < LOD | 33.12  | 265.57 | 74.42  | 16768.28 | 191.07 | 830.29  | 67.51  |
| L999425 | 5.72   | < LOD | 8.63   | < LOD | 6.17   | 96.58  | 9.51   | 39.17 | 23.71 | 58.38 | 12.57  | < LOD | 32.23  | 142.38 | 84.81  | 25486.91 | 225.74 | 1067.72 | 71.46  |
| L999426 | 6.65   | < LOD | 7.98   | < LOD | 5.72   | 122.57 | 9.92   | < LOD | 33.17 | 57.95 | 11.91  | < LOD | 30.4   | 137.51 | 84.99  | 27546.06 | 226.81 | 1053.41 | 69.05  |
| L999427 | 5.1    | < LOD | 8.25   | < LOD | 6.02   | 79.51  | 8.91   | < LOD | 34.79 | 55.48 | 12.56  | < LOD | 31.45  | 244.57 | 73.88  | 18102.81 | 191.21 | 883.87  | 66.29  |
| L999428 | 6.43   | < LOD | 8.16   | < LOD | 5.82   | 118.02 | 9.8    | 38.54 | 22.46 | 53.68 | 11.79  | < LOD | 30.6   | 200.33 | 80.97  | 24449.31 | 213.65 | 872.8   | 64.66  |
| L999429 | 5.73   | < LOD | 8.6    | < LOD | 6.1    | 106.65 | 10.17  | < LOD | 36.31 | 35.17 | 12.61  | < LOD | 33.8   | 148.9  | 82.64  | 22066.9  | 218.96 | 1344.05 | 79.82  |
| L999430 | 5.86   | < LOD | 8.4    | < LOD | 5.87   | 123.08 | 10.26  | < LOD | 34.63 | 58.71 | 12.46  | < LOD | 32.09  | < LOD  | 134.48 | 29344.44 | 241.4  | 1240.31 | 75.31  |
| L999431 | 6.03   | < LOD | 7.53   | < LOD | 5.61   | 132.92 | 10.03  | < LOD | 31.46 | 50.41 | 11.55  | < LOD | 30.26  | < LOD  | 128.1  | 28892.53 | 229.52 | 1135.3  | 69.57  |
| L999432 | 4.63   | < LOD | 7.61   | < LOD | 5.66   | 97.96  | 8.99   | < LOD | 31.19 | 43.59 | 11.27  | < LOD | 29.21  | 160.37 | 75.25  | 21633.94 | 198.86 | 1179.98 | 69.82  |
| L999433 | 5.57   | < LOD | 7.89   | < LOD | 6.03   | 115.5  | 9.74   | < LOD | 32.34 | 45.73 | 11.65  | < LOD | 30.94  | < LOD  | 127.71 | 27506.06 | 228.5  | 1072.82 | 69.94  |
| L999434 | 7.08   | < LOD | 8.1    | < LOD | 6.5    | 135.15 | 10.5   | < LOD | 32.56 | 44.85 | 12.04  | 67.91 | 22.3   | < LOD  | 136.62 | 30542.16 | 245.96 | 1239.79 | 75.36  |
| L999435 | 5.28   | < LOD | 8.11   | < LOD | 6      | 132.58 | 10.58  | < LOD | 35.43 | 43.21 | 12.15  | < LOD | 31.61  | < LOD  | 113.94 | 20345.23 | 201.99 | 756.21  | 63.24  |
| L999436 | 5.16   | < LOD | 8.83   | < LOD | 6.16   | 64.2   | 8.93   | 42.29 | 26.1  | 34.47 | 12.99  | < LOD | 34.66  | 282.89 | 75     | 16293.81 | 191.53 | 617.67  | 62.47  |
| L999437 | 5.65   | < LOD | 8.15   | < LOD | 6.03   | 90.36  | 9.22   | < LOD | 33.64 | 39.21 | 12.02  | < LOD | 31.87  | < LOD  | 116.19 | 21058.22 | 206.26 | 791.21  | 64.81  |
| L999438 | 8.09   | < LOD | 14.83  | < LOD | 9.88   | 80.71  | 13.78  | < LOD | 62.66 | 60.3  | 23.29  | < LOD | 59.63  | 262.29 | 101.8  | 15498.77 | 260.05 | 969.4   | 100.97 |
| L999439 | 5.65   | < LOD | 8.09   | < LOD | 5.88   | 120.29 | 9.98   | 34.44 | 22.84 | 56.72 | 12.13  | < LOD | 31.35  | 182.55 | 80.06  | 23400.8  | 211.57 | 1270.65 | 73.55  |
| L999440 | 5.53   | < LOD | 8.25   | < LOD | 6.18   | 122.87 | 10.27  | < LOD | 34.15 | 68.8  | 12.85  | < LOD | 32.69  | 361.46 | 86.39  | 25020.9  | 223.91 | 1066.65 | 71.59  |
| L999441 | 4.82   | < LOD | 8.13   | < LOD | 5.83   | 93.3   | 9.15   | < LOD | 33.07 | 47.32 | 11.99  | < LOD | 30.87  | 142.03 | 70.96  | 17871.15 | 186.59 | 805.36  | 63.21  |
| L999442 | 5.42   | < LOD | 8.25   | < LOD | 6.1    | 96.89  | 9.36   | < LOD | 34.14 | 66.08 | 12.54  | < LOD | 30.89  | 284.59 | 73.22  | 18102.02 | 188.24 | 747.56  | 62.38  |
| L999443 | 5.62   | < LOD | 8.26   | < LOD | 6.15   | 112.97 | 10.23  | < LOD | 35.62 | 43.06 | 12.62  | < LOD | 33.34  | 253.25 | 92.35  | 28244.82 | 243.48 | 925.48  | 69.9   |
| L999444 | 5.36   | < LOD | 9.14   | < LOD | 6.25   | 94.39  | 9.92   | 49    | 25.61 | 55.13 | 13.31  | < LOD | 33.55  | 280.67 | 81.44  | 20311.72 | 210.82 | 750.28  | 66.34  |
| L999445 | 5.38   | < LOD | 7.82   | < LOD | 5.94   | 86.99  | 8.79   | < LOD | 32.39 | 46.67 | 11.62  | < LOD | 30.17  | 159.73 | 74.97  | 20802.55 | 197.83 | 1016.51 | 67.3   |
| L999446 | 4.08   | < LOD | 7.47   | < LOD | 5.28   | 80.99  | 8.36   | < LOD | 31.29 | 34.93 | 10.89  | < LOD | 28.41  | < LOD  | 107.37 | 20300.79 | 190.37 | 700.04  | 58.15  |
| L999447 | 5.57   | < LOD | 8.19   | < LOD | 6.06   | 86.69  | 9.06   | < LOD | 33.76 | 38.16 | 11.88  | < LOD | 31.21  | < LOD  | 131.7  | 27851.15 | 234.84 | 986.11  | 69.21  |
| L999448 | 5.56   | < LOD | 8.14   | < LOD | 6.01   | 91.31  | 9.24   | < LOD | 34.28 | 45.51 | 12.13  | < LOD | 31.58  | 191.33 | 70.89  | 16989.76 | 184.39 | 683.07  | 61.02  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As    |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| L999449 | 287693 | 5465030 | 1656 | 4.84  | 2.19   | 117.39 | 3.58   | 107.22 | 3.2    | < LOD | 5.85  | 42.07 | 2.45   | 6.38  | 2.38   | 9.83  | 4.2    | < LOD | 2.93   | 69.7  |
| L999700 | 287686 | 5465054 | 1655 | 4.4   | 2.3    | 112.61 | 3.75   | 117.43 | 3.52   | 7.48  | 4.05  | 30.75 | 2.32   | 6.98  | 2.53   | 10.34 | 4.47   | < LOD | 3.24   | 60.39 |
| L999701 | 287676 | 5465083 | 1649 | 4.92  | 2.3    | 115.95 | 3.8    | 136.44 | 3.75   | < LOD | 6.11  | 35.62 | 2.43   | 5.55  | 2.42   | < LOD | 6.18   | < LOD | 3.08   | 36.81 |
| L999702 | 287669 | 5465100 | 1646 | < LOD | 3.41   | 125.01 | 3.86   | 119.71 | 3.52   | < LOD | 6.63  | 53.79 | 2.85   | < LOD | 3.62   | 20.94 | 4.85   | < LOD | 3.04   | 78.65 |
| L999703 | 287662 | 5465127 | 1645 | 5.78  | 2.42   | 114.78 | 3.93   | 121.86 | 3.72   | < LOD | 6.62  | 47.33 | 2.82   | 5.8   | 2.61   | 12.42 | 4.72   | < LOD | 3.24   | 62.74 |
| L999704 | 287652 | 5465151 | 1646 | 4.67  | 2.3    | 110.54 | 3.7    | 111.09 | 3.42   | < LOD | 6.46  | 48.84 | 2.75   | 4.37  | 2.4    | 8.14  | 4.35   | < LOD | 3.16   | 52.33 |
| L999705 | 287645 | 5465174 | 1647 | < LOD | 3.37   | 111.37 | 3.72   | 133.56 | 3.7    | 7.03  | 4.34  | 48.03 | 2.72   | 4.09  | 2.4    | 12.91 | 4.54   | < LOD | 3.18   | 53.92 |
| L999707 | 287632 | 5465219 | 1652 | < LOD | 3.45   | 105.46 | 3.66   | 86.72  | 3.13   | < LOD | 6.57  | 51.46 | 2.86   | 4.33  | 2.48   | 13.81 | 4.71   | < LOD | 3.34   | 70.48 |
| L999708 | 287626 | 5465248 | 1656 | 3.8   | 2.26   | 127.86 | 3.84   | 122.02 | 3.5    | 6.35  | 4.21  | 45.37 | 2.62   | 5.11  | 2.45   | 18.83 | 4.74   | < LOD | 3.24   | 38.35 |
| L999709 | 287613 | 5465266 | 1649 | 3.42  | 2.19   | 93.34  | 3.3    | 70.78  | 2.7    | 8.91  | 4.28  | 52.45 | 2.75   | 8.22  | 2.51   | < LOD | 6.1    | < LOD | 3.07   | 46.98 |
| L999710 | 287609 | 5465295 | 1645 | < LOD | 3.43   | 131.86 | 3.99   | 127.65 | 3.66   | 7.78  | 4.61  | 57.86 | 2.98   | 7.18  | 2.65   | 19.89 | 4.9    | < LOD | 3.22   | 84.46 |
| L999711 | 287601 | 5465324 | 1645 | < LOD | 3.21   | 85.14  | 3.27   | 99.62  | 3.17   | 6.68  | 4.06  | 40.87 | 2.49   | 4.21  | 2.29   | < LOD | 5.92   | < LOD | 2.82   | 40.89 |
| L999712 | 287595 | 5465340 | 1646 | < LOD | 3.29   | 98.06  | 3.53   | 133.2  | 3.65   | < LOD | 5.88  | 35.53 | 2.37   | < LOD | 3.36   | < LOD | 5.99   | < LOD | 3.2    | 28.24 |
| L999713 | 287586 | 5465363 | 1645 | 6.47  | 2.31   | 132.13 | 3.98   | 161.99 | 4.02   | < LOD | 5.84  | 37.82 | 2.42   | < LOD | 3.38   | < LOD | 6.09   | < LOD | 3.06   | 20.2  |
| L999714 | 287581 | 5465387 | 1644 | 4.16  | 2.24   | 124.33 | 3.83   | 148.51 | 3.82   | < LOD | 6.07  | 44.23 | 2.57   | 4.93  | 2.37   | 6.64  | 4.19   | < LOD | 3.12   | 16.48 |
| L999715 | 287570 | 5465412 | 1646 | 4.2   | 2.33   | 110.64 | 3.77   | 113.36 | 3.51   | < LOD | 6.57  | 50.2  | 2.82   | 4.6   | 2.45   | < LOD | 6.48   | < LOD | 3.23   | 41.43 |
| L999716 | 287569 | 5465436 | 1640 | 4.76  | 2.38   | 113.14 | 3.86   | 123.18 | 3.69   | 8.09  | 4.66  | 55.42 | 3      | 4.17  | 2.54   | 19.83 | 5.01   | < LOD | 3.28   | 40.53 |
| L999717 | 287558 | 5465460 | 1643 | < LOD | 3.32   | 110.28 | 3.64   | 127.55 | 3.56   | < LOD | 6.16  | 48.15 | 2.65   | 6.1   | 2.44   | 6.51  | 4.17   | < LOD | 2.98   | 23.49 |
| L999718 | 287551 | 5465483 | 1642 | 7.47  | 2.33   | 128.15 | 3.9    | 148.56 | 3.85   | 6.89  | 4.03  | 32.78 | 2.32   | 5.23  | 2.36   | < LOD | 5.95   | < LOD | 3.07   | 12.17 |
| L999719 | 287546 | 5465507 | 1646 | 4.47  | 2.18   | 106.22 | 3.53   | 138.66 | 3.62   | < LOD | 5.98  | 44.54 | 2.52   | < LOD | 3.28   | < LOD | 5.9    | < LOD | 3.01   | 17.66 |
| L999720 | 287537 | 5465534 | 1650 | < LOD | 3.45   | 116.04 | 3.78   | 95.75  | 3.24   | 10.17 | 4.99  | 76.23 | 3.38   | 6.19  | 2.61   | 10.21 | 4.56   | < LOD | 3.42   | 59.89 |
| L999721 | 287533 | 5465561 | 1655 | < LOD | 3.28   | 80.27  | 3.2    | 85.09  | 2.98   | 6.84  | 4.26  | 51.18 | 2.75   | 5.4   | 2.39   | < LOD | 6.07   | < LOD | 2.97   | 46.62 |
| L999722 | 287519 | 5465581 | 1661 | < LOD | 3.44   | 96.39  | 3.54   | 91.91  | 3.18   | < LOD | 7.26  | 75.24 | 3.35   | 6.03  | 2.6    | 12.74 | 4.64   | < LOD | 3.34   | 88.35 |
| L999723 | 287514 | 5465602 | 1673 | 5.85  | 2.37   | 126.01 | 3.91   | 114.15 | 3.49   | 9.44  | 4.81  | 68.31 | 3.2    | 5.95  | 2.56   | 8.81  | 4.41   | < LOD | 3.13   | 50.22 |
| L999724 | 287507 | 5465627 | 1683 | < LOD | 3.46   | 102.94 | 3.6    | 80.1   | 3      | 8.19  | 4.74  | 67.53 | 3.2    | 6.28  | 2.59   | 10.33 | 4.53   | < LOD | 3.31   | 37.57 |
| L999725 | 287499 | 5465643 | 1690 | < LOD | 3.35   | 95.03  | 3.4    | 76.47  | 2.86   | 11.27 | 4.62  | 62.47 | 3.03   | 5.92  | 2.46   | < LOD | 6.16   | < LOD | 3.22   | 29.12 |
| L999726 | 287704 | 5465704 | 1692 | 7.21  | 3.45   | 93.3   | 5.1    | 93.98  | 4.68   | < LOD | 9     | 46.13 | 3.93   | < LOD | 5.15   | < LOD | 9.37   | < LOD | 5.7    | 20.85 |
| L999727 | 287709 | 5465682 | 1681 | < LOD | 3.28   | 103.56 | 3.48   | 99.22  | 3.16   | < LOD | 6.28  | 49.39 | 2.68   | 3.97  | 2.28   | < LOD | 5.86   | < LOD | 3.1    | 23.55 |
| L999728 | 287719 | 5465658 | 1669 | < LOD | 3.32   | 103.46 | 3.56   | 94.68  | 3.16   | 7.31  | 4.41  | 54.02 | 2.85   | 5.16  | 2.43   | 6.5   | 4.25   | < LOD | 3.18   | 28.11 |
| L999729 | 287726 | 5465631 | 1656 | < LOD | 3.13   | 52.91  | 2.7    | 47.9   | 2.3    | < LOD | 5.91  | 40.8  | 2.47   | < LOD | 3.23   | < LOD | 5.36   | < LOD | 2.95   | 15.31 |
| L999730 | 287735 | 5465605 |      | < LOD | 3.31   | 115.79 | 3.63   | 99.91  | 3.17   | < LOD | 6.72  | 65.28 | 3.02   | 5.27  | 2.41   | < LOD | 6.16   | < LOD | 2.9    | 31.42 |
| L999731 | 287743 | 5465578 | 1631 | < LOD | 3.44   | 111.87 | 3.75   | 95.08  | 3.25   | 9.57  | 4.95  | 72.75 | 3.33   | 5.01  | 2.52   | < LOD | 6.45   | < LOD | 3.16   | 20.97 |
| L999732 | 287749 | 5465553 | 1631 | 5.57  | 2.55   | 97.41  | 3.95   | 124.66 | 3.99   | < LOD | 7.05  | 41.01 | 2.85   | < LOD | 3.75   | < LOD | 6.75   | < LOD | 3.56   | 15.25 |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni     | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|----------|--------|---------|--------|
| L999449 | 5.41   | < LOD | 7.57   | < LOD | 5.38   | 90.47  | 8.63   | 31.65 | 20.95 | 47.28 | 11.05  | < LOD  | 28.17  | 303.2  | 73.27  | 20333.07 | 189.14 | 797.49  | 60.26  |
| L999700 | 5.51   | < LOD | 8.16   | < LOD | 6.22   | 99.17  | 9.42   | < LOD | 33.78 | 54.1  | 12.19  | < LOD  | 30.84  | 323.03 | 81.45  | 22770.31 | 210.99 | 859.29  | 65.28  |
| L999701 | 4.69   | < LOD | 7.8    | < LOD | 5.99   | 91.67  | 9.07   | < LOD | 32.75 | 42.51 | 11.82  | < LOD  | 30.95  | 331.69 | 76.42  | 19836.3  | 196.07 | 590.55  | 57.97  |
| L999702 | 6.11   | < LOD | 7.99   | < LOD | 5.72   | 129.8  | 10.23  | < LOD | 32.85 | 63.46 | 12.32  | < LOD  | 31.31  | < LOD  | 137.3  | 31499.86 | 245.79 | 1527.35 | 79.73  |
| L999703 | 5.83   | < LOD | 8.54   | < LOD | 6.13   | 125.27 | 10.61  | < LOD | 35.48 | 38    | 12.5   | < LOD  | 33.51  | < LOD  | 139.14 | 29669.63 | 249.72 | 1170.27 | 75.65  |
| L999704 | 5.24   | < LOD | 8.09   | < LOD | 5.82   | 89.45  | 9.06   | < LOD | 33.35 | 47    | 11.92  | < LOD  | 30.49  | < LOD  | 122.09 | 24646.39 | 218.97 | 1032.43 | 69.38  |
| L999705 | 5.36   | < LOD | 7.61   | < LOD | 5.83   | 109.74 | 9.55   | < LOD | 31.79 | 30.36 | 11.24  | < LOD  | 30.62  | < LOD  | 119.33 | 23661.51 | 213.3  | 1517.19 | 78.38  |
| L999707 | 5.94   | < LOD | 8.52   | < LOD | 6.47   | 88.29  | 9.28   | < LOD | 35.16 | 52.71 | 12.53  | < LOD  | 31.16  | < LOD  | 120.33 | 22464.35 | 213.72 | 1042.34 | 70.87  |
| L999708 | 5.06   | < LOD | 8.1    | < LOD | 5.92   | 80.22  | 8.62   | 37.25 | 22.28 | 58    | 11.91  | < LOD  | 30.33  | 307.02 | 71.81  | 18015.3  | 183.84 | 607.5   | 57.72  |
| L999709 | 4.84   | < LOD | 7.48   | < LOD | 5.75   | 62.76  | 7.75   | < LOD | 30.07 | 50.56 | 11.29  | < LOD  | 28.43  | < LOD  | 106.2  | 19431.38 | 188.08 | 378.66  | 50.99  |
| L999710 | 6.28   | < LOD | 8.12   | < LOD | 6.14   | 106.57 | 9.6    | < LOD | 32.69 | 58.47 | 12.18  | 38.59  | 21.14  | < LOD  | 130.52 | 27971.31 | 233.81 | 1128.16 | 72.37  |
| L999711 | 4.65   | < LOD | 7.6    | < LOD | 5.86   | 88.09  | 8.7    | < LOD | 31.43 | 45.27 | 11.36  | < LOD  | 29.73  | 107.67 | 66.18  | 16434.45 | 174.53 | 774.78  | 60.96  |
| L999712 | 4.33   | < LOD | 8.11   | < LOD | 5.87   | 94.36  | 9.04   | < LOD | 36.16 | 27.97 | 11.6   | 364.92 | 27.51  | < LOD  | 114.24 | 22144.97 | 204.12 | 1029.42 | 67.96  |
| L999713 | 4.14   | < LOD | 7.7    | < LOD | 5.57   | 82.23  | 8.62   | < LOD | 31.48 | 28.51 | 11.11  | < LOD  | 29.04  | 120.88 | 65.51  | 15502.97 | 172.07 | 1013.17 | 66.68  |
| L999714 | 4.09   | < LOD | 7.83   | < LOD | 5.77   | 91.81  | 8.89   | < LOD | 32.14 | 44.92 | 11.39  | < LOD  | 29.38  | < LOD  | 111.12 | 21018.7  | 197.74 | 1424.89 | 75.14  |
| L999715 | 4.98   | < LOD | 8.3    | < LOD | 5.84   | 65.71  | 8.38   | < LOD | 34.08 | 38.26 | 11.98  | < LOD  | 31.42  | < LOD  | 117    | 21466.48 | 207.77 | 306.02  | 51.69  |
| L999716 | 5.39   | < LOD | 8.31   | < LOD | 5.91   | 138.33 | 10.89  | < LOD | 35.13 | 58.49 | 12.92  | < LOD  | 32.16  | < LOD  | 125.99 | 24927.59 | 227.33 | 2269.42 | 95.05  |
| L999717 | 4.29   | < LOD | 7.61   | < LOD | 5.45   | 96.47  | 9.03   | < LOD | 32.12 | 39.51 | 11.21  | < LOD  | 29.06  | < LOD  | 106.63 | 19340.6  | 189.76 | 1044.73 | 67.37  |
| L999718 | 3.8    | < LOD | 7.66   | < LOD | 5.38   | 72.25  | 8.29   | < LOD | 32.21 | 43.46 | 11.62  | < LOD  | 29.06  | 175.58 | 58     | 11494.45 | 147.85 | 321.35  | 48.22  |
| L999719 | 3.92   | < LOD | 7.28   | < LOD | 5.41   | 100.3  | 8.92   | < LOD | 30.68 | 45.98 | 11.14  | < LOD  | 28.55  | 166.13 | 65.89  | 16556.06 | 172.24 | 1213.87 | 69.06  |
| L999720 | 5.56   | < LOD | 8.29   | < LOD | 6.11   | 167.12 | 11.48  | < LOD | 34.03 | 76.75 | 12.93  | 54.48  | 21.6   | < LOD  | 125.03 | 25403.44 | 225.53 | 2188.91 | 92.51  |
| L999721 | 4.87   | < LOD | 7.87   | < LOD | 5.72   | 123.03 | 9.89   | < LOD | 32.38 | 55.03 | 11.7   | 42.67  | 20.26  | < LOD  | 107.93 | 19835.38 | 193.48 | 1543.31 | 78.03  |
| L999722 | 6.27   | < LOD | 8.39   | < LOD | 6.38   | 146.49 | 10.92  | < LOD | 34.28 | 45.02 | 12.02  | 42.66  | 21.67  | < LOD  | 137.64 | 31042.57 | 249.17 | 2561.98 | 99.09  |
| L999723 | 5.24   | < LOD | 8.08   | < LOD | 5.83   | 115.19 | 9.98   | < LOD | 34.75 | 59.21 | 12.39  | 32.78  | 21.58  | 143.11 | 95.31  | 33198.88 | 255.49 | 1511.57 | 81.04  |
| L999724 | 4.98   | < LOD | 8.35   | < LOD | 6.12   | 112.4  | 9.96   | < LOD | 34.98 | 55.79 | 12.34  | 62.4   | 22.03  | < LOD  | 140.23 | 32343.45 | 254.08 | 1685.38 | 84.64  |
| L999725 | 4.42   | < LOD | 7.73   | < LOD | 5.85   | 75.73  | 8.47   | < LOD | 32.97 | 50.43 | 11.67  | < LOD  | 30.71  | 170.55 | 76.03  | 21120.67 | 200.39 | 912.41  | 65.95  |
| L999726 | 6.38   | < LOD | 14.34  | < LOD | 9.17   | 65.23  | 12.96  | < LOD | 64.64 | < LOD | 31.75  | < LOD  | 59.37  | 243.23 | 105.64 | 17438.04 | 272.63 | 952.58  | 99.14  |
| L999727 | 4.11   | < LOD | 7.86   | < LOD | 5.78   | 84.41  | 8.66   | 33.57 | 21.84 | 60.01 | 11.83  | < LOD  | 29.44  | 192.31 | 72.02  | 19272.06 | 188.52 | 900.74  | 64.07  |
| L999728 | 4.5    | < LOD | 8.06   | < LOD | 6.02   | 98.05  | 9.27   | < LOD | 33.4  | 50.19 | 11.88  | 40.32  | 21.08  | < LOD  | 123.93 | 25477.91 | 221    | 1100.17 | 70.66  |
| L999729 | 3.65   | < LOD | 7.7    | < LOD | 5.85   | 66.58  | 7.95   | < LOD | 31.09 | 41.72 | 11.29  | 31.33  | 20     | < LOD  | 100.49 | 17290.14 | 179.02 | 907.86  | 63.99  |
| L999730 | 4.47   | < LOD | 7.91   | < LOD | 5.6    | 107.12 | 9.37   | 38.66 | 21.99 | 65.58 | 11.94  | < LOD  | 30.17  | 338.58 | 73.21  | 19056.24 | 187.27 | 737.06  | 60.35  |
| L999731 | 4.36   | < LOD | 8.27   | < LOD | 6.44   | 158.26 | 11.26  | < LOD | 33.25 | 66.54 | 12.63  | 38.91  | 21.36  | < LOD  | 133.19 | 28786.4  | 240.45 | 1291.07 | 77.16  |
| L999732 | 4.47   | < LOD | 9.66   | < LOD | 6.75   | 131.43 | 11.59  | < LOD | 39.75 | 67.39 | 14.74  | < LOD  | 38.9   | 344.33 | 129.08 | 50174.47 | 343.98 | 1083    | 81.36  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th    | Th Err | Pb    | Pb Err | Se    | Se Err | As    |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| L999733 | 287758 | 5465530 | 1629 | < LOD | 4.24   | 103.78 | 4.5    | 122.44 | 4.41   | < LOD | 7.87  | 42.66 | 3.23   | 4.54  | 2.95   | < LOD | 7.79   | < LOD | 4.12   | 14.12 |
| L999734 | 287779 | 5465481 | 1646 | 4.04  | 2.22   | 103.22 | 3.56   | 127.62 | 3.57   | < LOD | 5.68  | 30.22 | 2.22   | < LOD | 3.21   | < LOD | 5.99   | < LOD | 3.04   | 18.37 |
| L999735 | 287781 | 5465459 | 1657 | 4.65  | 2.29   | 93.68  | 3.51   | 103.73 | 3.35   | < LOD | 5.9   | 32.29 | 2.35   | 4.79  | 2.37   | < LOD | 5.83   | < LOD | 3.11   | 17.08 |
| L999736 | 287786 | 5465433 | 1666 | 3.75  | 2.24   | 118.53 | 3.75   | 133.11 | 3.64   | < LOD | 5.9   | 39.03 | 2.44   | 4.2   | 2.33   | 7.8   | 4.23   | < LOD | 2.98   | 43.76 |
| L999737 | 287792 | 5465406 | 1666 | < LOD | 3.02   | 78.27  | 3.1    | 111.17 | 3.22   | < LOD | 5.29  | 24.84 | 1.99   | < LOD | 3.1    | < LOD | 5.6    | < LOD | 2.8    | 14.69 |
| L999738 | 287832 | 5465317 | 1676 | < LOD | 3.4    | 115.6  | 3.84   | 146.51 | 3.91   | < LOD | 5.95  | 30.62 | 2.3    | 5.34  | 2.41   | < LOD | 6.09   | < LOD | 2.99   | 21.77 |
| L999739 | 287827 | 5465290 | 1678 | 4.66  | 2.3    | 138.86 | 4.05   | 165.57 | 4.05   | < LOD | 6.18  | 40.24 | 2.51   | 5.29  | 2.4    | < LOD | 6.12   | < LOD | 2.84   | 31.73 |
| L999740 | 287843 | 5465263 | 1686 | < LOD | 3.21   | 86.66  | 3.45   | 166.6  | 4.04   | < LOD | 5.89  | 31.68 | 2.28   | < LOD | 3.28   | < LOD | 5.73   | < LOD | 3.12   | 11.27 |
| L999741 | 287810 | 5465363 | 1675 | < LOD | 3.48   | 129.16 | 3.96   | 126.64 | 3.65   | 9.06  | 4.48  | 49.33 | 2.79   | 6.43  | 2.5    | < LOD | 6.07   | < LOD | 3.33   | 25.07 |
| L999742 | 287833 | 5465317 | 1676 | < LOD | 3.29   | 107.94 | 3.55   | 112.68 | 3.33   | < LOD | 6.16  | 46.1  | 2.59   | 3.72  | 2.26   | < LOD | 5.99   | < LOD | 3.02   | 28.82 |
| L999743 | 287903 | 5465058 | 2067 | < LOD | 3.34   | 111.63 | 3.7    | 125.59 | 3.58   | 6.78  | 4.08  | 36.23 | 2.42   | 5.59  | 2.42   | 8.14  | 4.28   | < LOD | 3.03   | 49.33 |
| L999744 | 287895 | 5465082 | 2061 | 5.78  | 2.23   | 128.79 | 3.84   | 166.92 | 3.95   | < LOD | 5.75  | 33.94 | 2.27   | 6.6   | 2.38   | < LOD | 5.9    | < LOD | 2.91   | 16.56 |
| L999745 | 287887 | 5465105 | 2055 | 3.76  | 2.27   | 109.86 | 3.68   | 111.66 | 3.41   | < LOD | 6.12  | 38.59 | 2.49   | 5.89  | 2.41   | < LOD | 5.78   | < LOD | 3.27   | 40.23 |
| L999746 | 287880 | 5465128 | 2052 | < LOD | 3.56   | 109.4  | 3.89   | 123.08 | 3.76   | < LOD | 6.32  | 38.96 | 2.62   | 5.22  | 2.55   | 6.78  | 4.52   | < LOD | 3.38   | 40.64 |
| L999747 | 287875 | 5465155 | 2052 | 7.74  | 2.58   | 107.32 | 3.99   | 91.49  | 3.45   | < LOD | 6.7   | 38.89 | 2.76   | 4.85  | 2.65   | < LOD | 7.08   | < LOD | 3.54   | 46.36 |
| L999748 | 287863 | 5465177 | 2046 | 3.65  | 2.21   | 101.43 | 3.44   | 83.76  | 2.93   | < LOD | 6.09  | 44.23 | 2.57   | 4.63  | 2.35   | 9.27  | 4.28   | < LOD | 3.07   | 66.56 |
| L999749 | 287855 | 5465200 | 2044 | 3.88  | 2.32   | 126.31 | 3.99   | 166.82 | 4.14   | 9.21  | 4.41  | 42.02 | 2.62   | < LOD | 3.51   | < LOD | 6.38   | < LOD | 3.16   | 41.36 |
| L999750 | 286701 | 5465032 | 1858 | < LOD | 3.65   | 110.63 | 3.92   | 104.64 | 3.54   | 8.91  | 4.57  | 41.66 | 2.76   | 4.27  | 2.49   | < LOD | 6.21   | < LOD | 3.3    | 53.43 |
| L999751 | 286693 | 5465062 | 1854 | 6.05  | 2.32   | 97.34  | 3.6    | 129.75 | 3.7    | < LOD | 5.92  | 27.7  | 2.23   | 3.62  | 2.3    | < LOD | 6.06   | < LOD | 3.29   | 23.76 |
| L999752 | 286686 | 5465095 | 1847 | 3.52  | 2.16   | 111.37 | 3.58   | 147.46 | 3.7    | 6.5   | 3.88  | 33.2  | 2.25   | 4.64  | 2.26   | < LOD | 5.94   | < LOD | 2.98   | 28.12 |
| L999753 | 286674 | 5465122 | 1839 | 5.96  | 2.7    | 110.52 | 4.37   | 141.82 | 4.45   | < LOD | 6.84  | 32.48 | 2.71   | 4.03  | 2.67   | < LOD | 6.38   | < LOD | 3.75   | 43.07 |
| L999754 | 286668 | 5465148 | 1835 | < LOD | 3.51   | 118.27 | 3.94   | 140.63 | 3.9    | < LOD | 6.37  | 42.68 | 2.66   | 4.95  | 2.46   | < LOD | 6.35   | < LOD | 3.28   | 54.57 |
| L999755 | 286658 | 5465172 | 1820 | 4.1   | 2.17   | 105.88 | 3.56   | 161.47 | 3.87   | 5.93  | 3.86  | 30.63 | 2.19   | 4.67  | 2.26   | < LOD | 6      | < LOD | 2.8    | 25.64 |
| L999756 | 286648 | 5465201 | 1818 | 4.91  | 2.48   | 133.17 | 4.29   | 154.93 | 4.24   | < LOD | 6.38  | 35.11 | 2.56   | 6.28  | 2.61   | < LOD | 6.36   | < LOD | 3.45   | 49.68 |
| L999757 | 286638 | 5465228 | 1813 | 6.15  | 2.3    | 125.9  | 3.9    | 160.28 | 3.99   | 6.76  | 4     | 29.95 | 2.25   | < LOD | 3.24   | < LOD | 5.93   | < LOD | 3.11   | 22.94 |
| L999758 | 286638 | 5465253 | 1801 | 3.62  | 2.33   | 91.07  | 3.53   | 87.55  | 3.18   | < LOD | 6.29  | 40.13 | 2.61   | 7.6   | 2.6    | < LOD | 6.13   | < LOD | 3.35   | 78.39 |
| L999759 | 286629 | 5465277 | 1810 | < LOD | 3.39   | 114.64 | 3.76   | 132.42 | 3.68   | < LOD | 6.43  | 46.83 | 2.69   | < LOD | 3.58   | 22.19 | 4.87   | < LOD | 2.98   | 64.23 |
| L999760 | 286619 | 5465304 | 1818 | 4     | 2.26   | 119.72 | 3.84   | 164.09 | 4.03   | < LOD | 6.11  | 40.06 | 2.49   | 4.11  | 2.34   | 7.45  | 4.25   | < LOD | 3.04   | 34.12 |
| L999761 | 286609 | 5465335 | 1823 | < LOD | 3.62   | 117.81 | 4.08   | 142.77 | 4.08   | < LOD | 6.67  | 43.12 | 2.77   | 3.92  | 2.47   | < LOD | 6.18   | < LOD | 3.36   | 38.1  |
| L999762 | 286597 | 5465362 | 1827 | < LOD | 3.39   | 112.14 | 3.8    | 146.69 | 3.91   | < LOD | 6.58  | 49.86 | 2.79   | 6.08  | 2.51   | < LOD | 6.36   | < LOD | 3.21   | 51.69 |
| L999763 | 286592 | 5465390 | 1837 | 5.74  | 2.51   | 120.37 | 4.13   | 125.18 | 3.88   | < LOD | 7.32  | 62.92 | 3.27   | 8.64  | 2.85   | < LOD | 6.85   | < LOD | 3.46   | 57.2  |
| L999764 | 286585 | 5465413 | 1851 | 3.68  | 2.38   | 95.6   | 3.72   | 112.62 | 3.63   | < LOD | 6.51  | 45.99 | 2.81   | 4.08  | 2.5    | < LOD | 6.63   | < LOD | 3.36   | 81.25 |
| L999765 | 286577 | 5465447 | 1862 | < LOD | 3.37   | 112.84 | 3.8    | 136.46 | 3.78   | < LOD | 6.51  | 45.84 | 2.7    | 6.73  | 2.52   | < LOD | 6.16   | < LOD | 3.29   | 95.89 |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L999733 | 5.06   | < LOD | 11.03  | < LOD | 8      | 150.17 | 13.67  | < LOD | 47.1  | 84.85 | 17.9   | 49.69 | 30.41  | 215.34 | 129.25 | 40686.16 | 345.71 | 1292.03 | 95.13  |
| L999734 | 4.03   | < LOD | 7.69   | < LOD | 5.9    | 54.31  | 7.57   | < LOD | 31.36 | 41.86 | 11.42  | < LOD | 29.72  | 178.97 | 72.25  | 19239.36 | 189.15 | 240.17  | 46.78  |
| L999735 | 3.96   | < LOD | 7.87   | < LOD | 5.81   | 39.91  | 7.25   | < LOD | 32.84 | 27.14 | 11.41  | < LOD | 29.5   | 156.11 | 60.98  | 12278.5  | 156.72 | 169.87  | 45.05  |
| L999736 | 4.9    | < LOD | 7.87   | < LOD | 5.3    | 88.38  | 8.8    | < LOD | 31.93 | 40.66 | 11.31  | < LOD | 30.23  | < LOD  | 125.23 | 26891.73 | 223.81 | 773.52  | 62.51  |
| L999737 | 3.69   | < LOD | 7.12   | < LOD | 5.3    | 44.75  | 6.83   | < LOD | 28.91 | 35.39 | 10.3   | < LOD | 27.17  | 114.63 | 53.94  | 11126.76 | 139.45 | 390.27  | 48.55  |
| L999738 | 4.23   | 9.01  | 5.54   | < LOD | 5.75   | 88.51  | 9.02   | < LOD | 32.89 | 30.1  | 11.51  | < LOD | 31.05  | 122.79 | 73.07  | 18969.19 | 193.11 | 730.01  | 61.68  |
| L999739 | 4.5    | < LOD | 7.99   | < LOD | 5.57   | 88.2   | 8.88   | < LOD | 32.99 | 47.22 | 11.68  | < LOD | 30.27  | 197.41 | 77.07  | 21738.68 | 202.51 | 783.49  | 62.29  |
| L999740 | 3.67   | < LOD | 7.62   | < LOD | 5.78   | 59.39  | 7.77   | < LOD | 31.98 | 38.39 | 11.14  | < LOD | 29.95  | 163.18 | 66.89  | 16245.09 | 174.33 | 339.42  | 50.16  |
| L999741 | 4.3    | < LOD | 8.09   | < LOD | 5.92   | 97.15  | 9.35   | < LOD | 33.69 | 56.85 | 12.33  | < LOD | 32.39  | 180.78 | 97.33  | 34722.98 | 260.09 | 1075.53 | 71.7   |
| L999742 | 4.32   | < LOD | 7.82   | < LOD | 5.3    | 69.15  | 8.12   | 45.36 | 22.14 | 29.32 | 10.78  | < LOD | 29.14  | < LOD  | 112.17 | 22173.5  | 200.88 | 502.13  | 54.54  |
| L999743 | 5.1    | < LOD | 8.09   | < LOD | 5.64   | 73.3   | 8.45   | 34.59 | 22.48 | 52.78 | 11.91  | < LOD | 30.63  | 223.78 | 76.47  | 20965.39 | 199.84 | 677.01  | 60.03  |
| L999744 | 3.89   | < LOD | 7.56   | < LOD | 5.36   | 65.73  | 7.86   | < LOD | 31.45 | 47.33 | 11.28  | < LOD | 28.27  | 216.98 | 66.39  | 16459.74 | 171.51 | 424.99  | 50.47  |
| L999745 | 4.62   | < LOD | 8.17   | < LOD | 5.61   | 69.24  | 8.38   | 38.58 | 22.89 | 44.27 | 11.77  | < LOD | 30.73  | < LOD  | 131.21 | 28927.36 | 235.89 | 1122.18 | 71.25  |
| L999746 | 5.15   | < LOD | 8.57   | < LOD | 6.15   | 73.23  | 8.92   | < LOD | 35.27 | 26.9  | 12.21  | < LOD | 33.9   | < LOD  | 128.72 | 24615.68 | 229.5  | 781.55  | 66.78  |
| L999747 | 5.58   | < LOD | 9.25   | < LOD | 6.94   | 129.31 | 11.42  | < LOD | 38.67 | 52.3  | 14.13  | < LOD | 35.83  | 158.75 | 94.22  | 26680.49 | 250.58 | 1048.32 | 76.73  |
| L999748 | 5.47   | < LOD | 7.83   | < LOD | 5.95   | 76     | 8.37   | < LOD | 32.2  | 52.85 | 11.65  | < LOD | 29.75  | 243.85 | 76.44  | 21521.19 | 199.45 | 682.8   | 59.34  |
| L999749 | 4.91   | < LOD | 8.34   | < LOD | 5.74   | 70.28  | 8.51   | 35.2  | 23.27 | 70.27 | 12.82  | < LOD | 31.67  | < LOD  | 130.06 | 27938.27 | 233.06 | 399.61  | 54.29  |
| L999750 | 5.35   | < LOD | 8.76   | < LOD | 6.32   | 92.7   | 9.76   | < LOD | 35.98 | 53.34 | 13.32  | < LOD | 34.43  | < LOD  | 135.4  | 26710.94 | 241.91 | 804.91  | 68.73  |
| L999751 | 4.27   | < LOD | 8.31   | < LOD | 5.85   | 67.1   | 8.44   | 39.12 | 23.62 | 61.61 | 12.67  | < LOD | 31.77  | 256.48 | 70.31  | 16384.09 | 180.35 | 436.41  | 53.9   |
| L999752 | 4.24   | < LOD | 7.38   | < LOD | 5.46   | 53.56  | 7.32   | < LOD | 30.61 | 43.51 | 10.95  | < LOD | 28.09  | 176.76 | 68.12  | 18058.88 | 178.03 | 498.22  | 52.39  |
| L999753 | 5.39   | < LOD | 9.74   | < LOD | 6.76   | 80.71  | 10.27  | < LOD | 40.74 | < LOD | 21.2   | < LOD | 38.77  | < LOD  | 142.56 | 24595    | 253.99 | 592.31  | 68.8   |
| L999754 | 5.31   | < LOD | 8.31   | < LOD | 6.02   | 105    | 9.82   | < LOD | 35.05 | 52.38 | 12.49  | < LOD | 32.94  | < LOD  | 145.47 | 33539.04 | 260.78 | 894.02  | 69.24  |
| L999755 | 4.21   | < LOD | 7.63   | < LOD | 5.33   | 79.9   | 8.26   | < LOD | 30.99 | 26.94 | 10.47  | < LOD | 28.57  | 216.52 | 71.35  | 19644.96 | 186.02 | 448.46  | 51.25  |
| L999756 | 5.29   | < LOD | 8.58   | < LOD | 6.29   | 92.21  | 9.74   | < LOD | 36.07 | 51.57 | 13.3   | < LOD | 34.98  | 152.46 | 92.47  | 27688.66 | 246.21 | 698.65  | 66.33  |
| L999757 | 4.15   | < LOD | 8.28   | < LOD | 5.56   | 90.33  | 9.02   | 46.98 | 22.95 | 47.92 | 11.76  | < LOD | 30.06  | 195    | 69.21  | 17117.51 | 179.88 | 508.81  | 54.86  |
| L999758 | 5.87   | < LOD | 8.5    | < LOD | 6.37   | 86.43  | 9.27   | < LOD | 34.96 | 55.68 | 12.86  | 61.23 | 22.75  | < LOD  | 142.65 | 32923.57 | 261.15 | 1104.87 | 74.54  |
| L999759 | 5.8    | < LOD | 7.97   | < LOD | 5.9    | 116.58 | 9.84   | < LOD | 33.26 | 52.94 | 11.96  | < LOD | 31.2   | 152.5  | 90.94  | 30943.81 | 243.12 | 1350.68 | 75.94  |
| L999760 | 4.66   | < LOD | 7.9    | < LOD | 5.72   | 90.88  | 8.88   | < LOD | 31.29 | 34.99 | 11.24  | < LOD | 30.16  | < LOD  | 116.9  | 23026.59 | 208.18 | 988.13  | 66.95  |
| L999761 | 4.89   | < LOD | 8.87   | < LOD | 6.37   | 84.07  | 9.48   | < LOD | 36.49 | 64.77 | 13.66  | < LOD | 34.53  | < LOD  | 132.06 | 25229.91 | 235.07 | 1138.02 | 76.28  |
| L999762 | 5.17   | < LOD | 8.14   | < LOD | 5.94   | 108.35 | 9.69   | < LOD | 33.47 | 55.77 | 12.22  | 47.62 | 21.8   | 199.68 | 90.63  | 29661.45 | 241.03 | 1747.94 | 84.51  |
| L999763 | 5.7    | < LOD | 8.88   | < LOD | 6.31   | 172.46 | 12.36  | < LOD | 37.77 | 49.56 | 13.39  | 53.66 | 24.26  | < LOD  | 157.61 | 36280.41 | 284.76 | 2458.06 | 103.65 |
| L999764 | 6.18   | < LOD | 9.08   | < LOD | 6.46   | 137.61 | 11.19  | < LOD | 37    | 78.7  | 13.96  | < LOD | 33.91  | 238.55 | 81.78  | 21006.78 | 213.57 | 1280.3  | 78.67  |
| L999765 | 6.15   | 8.57  | 5.55   | < LOD | 5.98   | 116.43 | 9.95   | < LOD | 33.04 | 66.86 | 12.62  | < LOD | 31.99  | < LOD  | 135.37 | 30119.36 | 243.15 | 1688.9  | 83.64  |

| Sample  | UTME   | UTMN    | Elev | Mo    | Mo Err | Zr     | Zr Err | Sr     | Sr Err | U     | U Err | Rb    | Rb Err | Th   | Th Err | Pb    | Pb Err | Se    | Se Err | As     |
|---------|--------|---------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|--------|------|--------|-------|--------|-------|--------|--------|
| L999766 | 286572 | 5465473 | 1870 | 5.1   | 2.34   | 97.49  | 3.65   | 132.5  | 3.77   | 7.79  | 4.5   | 48.28 | 2.8    | 6.51 | 2.56   | < LOD | 6.44   | < LOD | 3.04   | 107.81 |
| L999767 | 286560 | 5465497 | 1880 | < LOD | 3.32   | 73.43  | 3.29   | 131.7  | 3.7    | < LOD | 6.38  | 47    | 2.7    | 6.5  | 2.5    | 6.41  | 4.24   | < LOD | 3.07   | 48.13  |
| L999768 | 286543 | 5465526 | 1894 | 6.03  | 2.51   | 130.32 | 4.2    | 119.48 | 3.76   | < LOD | 7.59  | 70.56 | 3.42   | 6.85 | 2.75   | 7.96  | 4.65   | < LOD | 3.61   | 104.86 |

| Sample  | As Err | Hg    | Hg Err | Au    | Au Err | Zn     | Zn Err | W     | W Err | Cu    | Cu Err | Ni    | Ni Err | Co     | Co Err | Fe       | Fe Err | Mn      | Mn Err |
|---------|--------|-------|--------|-------|--------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|----------|--------|---------|--------|
| L999766 | 6.56   | < LOD | 8.31   | < LOD | 6.44   | 97.01  | 9.47   | < LOD | 34.17 | 66.38 | 12.94  | 37.82 | 21.86  | < LOD  | 133.56 | 29204.68 | 242.25 | 1657.17 | 83.71  |
| L999767 | 5.08   | < LOD | 7.96   | < LOD | 5.85   | 245.82 | 13.23  | < LOD | 33.56 | 81.8  | 13.07  | 49.82 | 21.6   | < LOD  | 146.58 | 37014.73 | 268.3  | 3441.37 | 110.57 |
| L999768 | 6.85   | < LOD | 9.31   | < LOD | 6.92   | 198.55 | 13.07  | 46.14 | 26.54 | 117.4 | 15.4   | 94.39 | 25.52  | 279.07 | 116.21 | 43993.71 | 311.06 | 4139.66 | 128.04 |

# Appendix I

## Part B

Soil Sample

Analytical Results

ICP Analyses by ALS Chemex Laboratories

| SAMPLE  | UTME   | UTMN    | Elev | Au_ppm | Ag_ppm | Al_% | As_ppm | B_ppm | Ba_ppm | Be_ppm | Bi_ppm | Ca_% | Cd_ppm | Co_ppm | Cr_ppm | Cu_ppm | Fe_% | Ga_ppm | Hg_ppm | K_%  |
|---------|--------|---------|------|--------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|
| L998314 | 286774 | 5465123 | 1841 | 0.037  | 0.5    | 2.19 | 98     | <10   | 180    | 0.7    | 3      | 0.33 | 0.5    | 16     | 46     | 69     | 3.83 | 10     | <1     | 0.09 |
| L998318 | 286748 | 5465218 | 1816 | 0.052  | 0.2    | 2.46 | 122    | <10   | 350    | 0.7    | <2     | 0.33 | <0.5   | 19     | 69     | 74     | 3.91 | 10     | <1     | 0.19 |
| L998319 | 286746 | 5465245 | 1823 | 0.248  | 0.3    | 2.23 | 99     | <10   | 300    | 0.6    | <2     | 0.19 | <0.5   | 18     | 64     | 62     | 3.75 | 10     | <1     | 0.14 |
| L998320 | 286738 | 5465270 | 1829 | 0.014  | <0.2   | 2.37 | 42     | <10   | 270    | 0.6    | <2     | 0.26 | <0.5   | 14     | 36     | 38     | 2.9  | 10     | <1     | 0.1  |
| L998321 | 286729 | 5465292 | 1833 | 0.069  | 0.2    | 2.57 | 61     | <10   | 360    | 0.7    | <2     | 0.26 | 0.8    | 22     | 69     | 62     | 4.03 | 10     | 1      | 0.24 |
| L998322 | 286725 | 5465316 | 1838 | 0.049  | <0.2   | 2.56 | 56     | <10   | 360    | 0.6    | <2     | 0.41 | 0.7    | 22     | 69     | 59     | 3.99 | 10     | <1     | 0.27 |
| L998323 | 286716 | 5465341 | 1836 | 0.105  | 0.2    | 2.84 | 60     | <10   | 360    | 0.8    | <2     | 0.27 | 0.6    | 21     | 46     | 57     | 3.5  | 10     | <1     | 0.14 |
| L998324 | 286711 | 5465364 | 1843 | 0.027  | <0.2   | 2.53 | 55     | <10   | 420    | 0.7    | <2     | 0.45 | 0.9    | 19     | 37     | 50     | 3.07 | 10     | <1     | 0.2  |
| L998325 | 286704 | 5465387 | 1859 | 0.055  | 0.3    | 2.44 | 70     | <10   | 420    | 0.7    | <2     | 0.39 | 1      | 23     | 40     | 67     | 3.54 | 10     | <1     | 0.2  |
| L998326 | 286700 | 5465413 | 1878 | 0.059  | 0.4    | 2.02 | 92     | <10   | 400    | 0.6    | <2     | 0.37 | 1.2    | 21     | 36     | 70     | 3.63 | 10     | <1     | 0.26 |
| L998327 | 286692 | 5465436 | 1882 | 0.106  | 0.5    | 2.01 | 127    | <10   | 490    | 0.7    | <2     | 0.56 | 1.4    | 26     | 42     | 102    | 4.27 | 10     | <1     | 0.33 |
| L998328 | 286686 | 5465460 | 1897 | 0.280  | 1.5    | 2.48 | 192    | <10   | 420    | 0.9    | <2     | 0.46 | 3.1    | 36     | 41     | 124    | 5.51 | 10     | 1      | 0.28 |
| L998329 | 286678 | 5465483 | 1910 | 0.102  | 0.5    | 2.75 | 94     | <10   | 470    | 0.8    | <2     | 0.42 | 0.7    | 30     | 54     | 108    | 4.81 | 10     | <1     | 0.33 |
| L998330 | 286673 | 5465509 | 1920 | 0.007  | <0.2   | 2.14 | 30     | <10   | 360    | 0.6    | <2     | 0.7  | 0.8    | 14     | 19     | 36     | 2.46 | 10     | <1     | 0.13 |
| L998331 | 286669 | 5465531 | 1935 | 0.027  | 0.2    | 2.36 | 46     | <10   | 400    | 0.9    | <2     | 0.34 | 0.7    | 20     | 38     | 65     | 3.52 | 10     | <1     | 0.14 |
| L998332 | 286661 | 5465560 | 1952 | 0.055  | 0.3    | 2.08 | 57     | <10   | 330    | 0.7    | <2     | 0.22 | <0.5   | 16     | 37     | 51     | 3.39 | 10     | <1     | 0.19 |
| L998333 | 286654 | 5465578 | 1954 | 0.071  | 0.2    | 2.22 | 63     | <10   | 390    | 0.7    | <2     | 0.17 | <0.5   | 17     | 43     | 47     | 3.63 | 10     | <1     | 0.16 |
| L998334 | 286650 | 5465602 | 1971 | 0.029  | 0.2    | 1.67 | 49     | <10   | 280    | 0.5    | <2     | 0.26 | 0.5    | 13     | 36     | 43     | 2.93 | 10     | 1      | 0.14 |
| L998335 | 286750 | 5465589 | 1984 | 0.039  | <0.2   | 2.2  | 51     | <10   | 290    | 0.7    | <2     | 0.16 | 0.6    | 17     | 31     | 48     | 3.17 | 10     | <1     | 0.15 |
| L998336 | 286757 | 5465565 | 1981 | 0.027  | <0.2   | 1.99 | 52     | <10   | 250    | 0.6    | <2     | 0.15 | 0.5    | 15     | 33     | 51     | 3.19 | 10     | <1     | 0.12 |
| L998337 | 286760 | 5465538 | 1979 | 0.021  | <0.2   | 1.95 | 48     | <10   | 260    | 0.6    | <2     | 0.25 | 0.7    | 14     | 32     | 41     | 2.97 | 10     | <1     | 0.14 |
| L998338 | 286771 | 5465516 | 1965 | 0.090  | 0.4    | 1.73 | 104    | <10   | 310    | 0.6    | <2     | 0.13 | <0.5   | 13     | 29     | 50     | 3.35 | 10     | 1      | 0.15 |
| L998339 | 286779 | 5465493 | 1950 | 0.103  | 0.7    | 2.05 | 137    | <10   | 280    | 0.7    | <2     | 0.13 | <0.5   | 12     | 29     | 56     | 3.59 | 10     | <1     | 0.12 |
| L998340 | 286784 | 5465469 | 1930 | 0.271  | 0.8    | 2.44 | 86     | <10   | 460    | 0.7    | <2     | 0.33 | 3      | 17     | 42     | 71     | 3.64 | 10     | <1     | 0.22 |
| L998341 | 286792 | 5465444 | 1906 | 0.223  | 0.8    | 3.22 | 123    | <10   | 400    | 1.1    | <2     | 0.46 | 4.1    | 40     | 60     | 114    | 6.12 | 10     | <1     | 0.43 |
| L998342 | 286798 | 5465421 | 1904 | 0.109  | 0.3    | 4.36 | 59     | <10   | 390    | 0.6    | <2     | 0.45 | 0.8    | 43     | 157    | 122    | 6.65 | 10     | <1     | 1.32 |
| L998343 | 286807 | 5465396 | 1889 | 0.108  | 0.3    | 2.27 | 89     | <10   | 350    | 0.6    | <2     | 0.24 | 0.5    | 21     | 50     | 70     | 3.9  | 10     | <1     | 0.23 |
| L998344 | 286815 | 5465374 | 1881 | 0.043  | <0.2   | 2.08 | 76     | <10   | 330    | 0.6    | <2     | 0.27 | 0.8    | 18     | 36     | 56     | 3.31 | 10     | <1     | 0.2  |
| L998345 | 286821 | 5465348 | 1872 | 0.098  | 0.2    | 2.16 | 99     | <10   | 400    | 0.6    | <2     | 0.23 | 0.7    | 20     | 42     | 70     | 3.71 | 10     | <1     | 0.21 |
| L998346 | 286826 | 5465326 | 1868 | 0.139  | <0.2   | 2.26 | 122    | <10   | 410    | 0.7    | <2     | 0.27 | 1.1    | 23     | 44     | 75     | 3.86 | 10     | <1     | 0.21 |
| L998347 | 286832 | 5465300 | 1853 | 0.070  | <0.2   | 2.16 | 107    | <10   | 340    | 0.6    | <2     | 0.26 | 0.7    | 18     | 39     | 60     | 3.47 | 10     | 1      | 0.14 |
| L998348 | 286839 | 5465277 | 1848 | 0.050  | 0.2    | 2.15 | 89     | <10   | 340    | 0.6    | <2     | 0.34 | 0.6    | 18     | 38     | 54     | 3.24 | 10     | <1     | 0.16 |
| L998349 | 286848 | 5465250 | 1847 | 0.033  | 0.2    | 2.23 | 49     | <10   | 300    | 0.6    | <2     | 0.15 | <0.5   | 15     | 41     | 38     | 3.28 | 10     | <1     | 0.08 |

| SAMPLE  | La_ppm | Mg_% | Mn_ppm | Mo_ppm | Na_%  | Ni_ppm | P_ppm | Pb_ppm | S_%  | Sb_ppm | Sc_ppm | Sr_ppm | Th_ppm | Ti_% | Tl_ppm | U_ppm | V_ppm | W_ppm | Zn_ppm |
|---------|--------|------|--------|--------|-------|--------|-------|--------|------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| L998314 | 10     | 0.64 | 674    | 1      | 0.01  | 44     | 730   | 31     | 0.03 | 2      | 4      | 19     | <20    | 0.08 | <10    | <10   | 72    | <10   | 126    |
| L998318 | 10     | 0.87 | 1275   | 1      | 0.01  | 46     | 1000  | 24     | 0.04 | <2     | 6      | 20     | <20    | 0.12 | <10    | <10   | 82    | <10   | 116    |
| L998319 | 10     | 0.76 | 891    | 2      | 0.01  | 44     | 1050  | 19     | 0.04 | 2      | 5      | 17     | <20    | 0.09 | <10    | <10   | 78    | <10   | 98     |
| L998320 | 10     | 0.5  | 1455   | 1      | 0.01  | 27     | 1190  | 14     | 0.04 | <2     | 3      | 21     | <20    | 0.09 | <10    | <10   | 60    | <10   | 93     |
| L998321 | 10     | 0.92 | 1850   | 1      | 0.01  | 51     | 1160  | 17     | 0.04 | <2     | 7      | 23     | <20    | 0.12 | <10    | <10   | 82    | <10   | 140    |
| L998322 | 10     | 0.98 | 1835   | 1      | 0.01  | 49     | 1060  | 18     | 0.04 | 2      | 7      | 30     | <20    | 0.12 | <10    | <10   | 81    | <10   | 133    |
| L998323 | 10     | 0.73 | 1940   | 1      | 0.01  | 39     | 1390  | 25     | 0.04 | <2     | 5      | 28     | <20    | 0.12 | <10    | <10   | 70    | <10   | 130    |
| L998324 | 10     | 0.58 | 2200   | 1      | 0.01  | 33     | 1770  | 21     | 0.06 | <2     | 3      | 35     | <20    | 0.1  | <10    | <10   | 58    | <10   | 119    |
| L998325 | 10     | 0.64 | 2430   | 1      | 0.01  | 37     | 1550  | 24     | 0.08 | <2     | 3      | 37     | <20    | 0.08 | <10    | <10   | 64    | <10   | 137    |
| L998326 | 10     | 0.58 | 2520   | 1      | 0.01  | 37     | 1750  | 29     | 0.08 | 2      | 2      | 36     | <20    | 0.05 | <10    | <10   | 59    | <10   | 147    |
| L998327 | 10     | 0.7  | 2340   | 2      | 0.01  | 47     | 2280  | 31     | 0.09 | <2     | 3      | 53     | <20    | 0.05 | <10    | <10   | 67    | <10   | 170    |
| L998328 | 20     | 0.64 | 5260   | 2      | 0.01  | 72     | 2320  | 77     | 0.09 | 7      | 6      | 61     | <20    | 0.08 | <10    | 10    | 66    | <10   | 270    |
| L998329 | 20     | 0.85 | 3010   | 2      | 0.01  | 69     | 1830  | 18     | 0.07 | 3      | 6      | 46     | <20    | 0.11 | <10    | <10   | 75    | <10   | 209    |
| L998330 | 10     | 0.33 | 2400   | <1     | 0.01  | 29     | 1350  | 15     | 0.07 | <2     | 2      | 59     | <20    | 0.08 | <10    | <10   | 43    | <10   | 200    |
| L998331 | 20     | 0.54 | 1880   | 1      | 0.01  | 56     | 820   | 17     | 0.04 | <2     | 4      | 31     | <20    | 0.08 | <10    | <10   | 63    | <10   | 155    |
| L998332 | 10     | 0.53 | 1020   | 1      | <0.01 | 35     | 850   | 16     | 0.04 | <2     | 3      | 24     | <20    | 0.07 | <10    | <10   | 62    | <10   | 113    |
| L998333 | 10     | 0.6  | 1105   | 1      | 0.01  | 38     | 760   | 16     | 0.03 | <2     | 4      | 22     | <20    | 0.08 | <10    | <10   | 68    | <10   | 103    |
| L998334 | 10     | 0.47 | 1045   | 1      | <0.01 | 32     | 930   | 13     | 0.05 | 2      | 2      | 22     | <20    | 0.07 | <10    | <10   | 56    | <10   | 91     |
| L998335 | 10     | 0.5  | 1780   | 1      | <0.01 | 34     | 1170  | 18     | 0.06 | <2     | 2      | 19     | <20    | 0.08 | <10    | <10   | 58    | <10   | 110    |
| L998336 | 10     | 0.47 | 1215   | 1      | 0.01  | 34     | 820   | 13     | 0.05 | <2     | 2      | 17     | <20    | 0.07 | <10    | <10   | 62    | <10   | 100    |
| L998337 | 10     | 0.45 | 1320   | 1      | 0.01  | 30     | 920   | 13     | 0.05 | <2     | 3      | 19     | <20    | 0.08 | <10    | <10   | 56    | <10   | 114    |
| L998338 | 10     | 0.41 | 1105   | 2      | <0.01 | 27     | 1160  | 18     | 0.08 | 3      | 3      | 25     | <20    | 0.07 | <10    | <10   | 54    | <10   | 94     |
| L998339 | 10     | 0.34 | 1235   | 2      | <0.01 | 29     | 1040  | 67     | 0.06 | 4      | 3      | 26     | <20    | 0.07 | <10    | <10   | 55    | <10   | 106    |
| L998340 | 10     | 0.7  | 1425   | 1      | 0.01  | 40     | 1100  | 105    | 0.04 | 3      | 5      | 32     | <20    | 0.11 | <10    | <10   | 68    | <10   | 280    |
| L998341 | 20     | 1.14 | 4580   | 2      | 0.01  | 93     | 1920  | 42     | 0.07 | 6      | 8      | 35     | <20    | 0.14 | <10    | 10    | 81    | <10   | 412    |
| L998342 | 10     | 2.69 | 2370   | <1     | 0.02  | 105    | 1000  | 10     | 0.04 | <2     | 21     | 25     | <20    | 0.26 | <10    | <10   | 161   | <10   | 218    |
| L998343 | 10     | 0.75 | 1690   | 1      | 0.01  | 44     | 1010  | 17     | 0.04 | 3      | 5      | 27     | <20    | 0.09 | <10    | <10   | 73    | <10   | 119    |
| L998344 | 10     | 0.58 | 1685   | 1      | 0.01  | 35     | 1550  | 18     | 0.05 | 3      | 4      | 27     | <20    | 0.09 | <10    | <10   | 59    | <10   | 110    |
| L998345 | 10     | 0.65 | 1690   | 2      | 0.01  | 39     | 1230  | 17     | 0.05 | <2     | 4      | 30     | <20    | 0.08 | <10    | <10   | 66    | <10   | 111    |
| L998346 | 10     | 0.7  | 2250   | 1      | 0.01  | 40     | 1380  | 21     | 0.05 | <2     | 4      | 33     | <20    | 0.09 | <10    | <10   | 71    | <10   | 122    |
| L998347 | 10     | 0.59 | 1710   | 1      | 0.01  | 37     | 940   | 18     | 0.04 | <2     | 3      | 30     | <20    | 0.08 | <10    | <10   | 65    | <10   | 103    |
| L998348 | 10     | 0.58 | 1455   | 1      | 0.01  | 35     | 1290  | 17     | 0.04 | <2     | 4      | 29     | <20    | 0.08 | <10    | <10   | 62    | <10   | 104    |
| L998349 | 10     | 0.53 | 1005   | 1      | 0.01  | 32     | 1090  | 19     | 0.03 | 3      | 4      | 15     | <20    | 0.1  | <10    | <10   | 69    | <10   | 127    |

| SAMPLE  | UTME   | UTMN    | Elev | Au_ppm | Ag_ppm | Al_% | As_ppm | B_ppm | Ba_ppm | Be_ppm | Bi_ppm | Ca_% | Cd_ppm | Co_ppm | Cr_ppm | Cu_ppm | Fe_% | Ga_ppm | Hg_ppm | K_%  |
|---------|--------|---------|------|--------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|
| L998350 | 286855 | 5465226 | 1846 | 0.044  | <0.2   | 2.22 | 65     | <10   | 370    | 0.7    | <2     | 0.3  | 0.6    | 16     | 41     | 55     | 3.47 | 10     | <1     | 0.17 |
| L998466 | 286891 | 5465240 | 1847 | 0.041  | 0.2    | 2.31 | 48     | <10   | 270    | 0.6    | <2     | 0.11 | <0.5   | 12     | 45     | 43     | 3.39 | 10     | <1     | 0.08 |
| L999156 | 286923 | 5465243 | 1865 | 0.038  | 0.3    | 2.37 | 67     | <10   | 300    | 0.6    | <2     | 0.25 | <0.5   | 16     | 41     | 48     | 3.21 | 10     | <1     | 0.15 |
| L999157 | 286919 | 5465261 | 1866 | 0.064  | 0.3    | 2.49 | 62     | <10   | 260    | 0.7    | <2     | 0.15 | <0.5   | 15     | 43     | 44     | 3.52 | 10     | <1     | 0.09 |
| L999158 | 286915 | 5465292 | 1869 | 0.033  | 0.2    | 2.39 | 90     | <10   | 300    | 0.7    | <2     | 0.29 | <0.5   | 18     | 43     | 42     | 3.36 | 10     | <1     | 0.13 |
| L999159 | 286900 | 5465311 | 1871 | 0.043  | 0.6    | 2.88 | 57     | <10   | 450    | 0.7    | <2     | 0.71 | 0.5    | 16     | 57     | 51     | 3.6  | 10     | <1     | 0.14 |
| L999160 | 286896 | 5465339 | 1895 | 0.058  | 0.6    | 2.43 | 78     | <10   | 300    | 0.7    | <2     | 0.1  | <0.5   | 17     | 41     | 64     | 3.58 | 10     | <1     | 0.12 |
| L999161 | 286880 | 5465356 | 1896 | 0.345  | 0.4    | 2.07 | 92     | <10   | 260    | 0.6    | <2     | 0.1  | <0.5   | 16     | 38     | 58     | 3.44 | 10     | <1     | 0.11 |
| L999162 | 286874 | 5465385 | 1905 | 0.030  | 0.2    | 2.16 | 67     | <10   | 300    | 0.6    | <2     | 0.21 | <0.5   | 15     | 43     | 44     | 3.34 | 10     | 1      | 0.1  |
| L999163 | 286866 | 5465409 | 1911 | 0.080  | 0.3    | 2.33 | 78     | <10   | 280    | 0.7    | <2     | 0.17 | <0.5   | 17     | 42     | 60     | 3.54 | 10     | 1      | 0.14 |
| L999164 | 286861 | 5465430 | 1918 | 0.199  | 0.2    | 2.05 | 68     | <10   | 260    | 0.6    | <2     | 0.15 | <0.5   | 15     | 38     | 49     | 3.25 | 10     | <1     | 0.11 |
| L999165 | 286849 | 5465452 | 1926 | 0.195  | 0.2    | 2.14 | 62     | <10   | 340    | 0.6    | <2     | 0.19 | <0.5   | 17     | 37     | 52     | 3.4  | 10     | <1     | 0.13 |
| L999166 | 286840 | 5465477 | 1954 | 0.051  | 0.4    | 2.25 | 58     | <10   | 300    | 0.7    | <2     | 0.12 | <0.5   | 16     | 39     | 54     | 3.44 | 10     | <1     | 0.13 |
| L999176 | 287000 | 5465412 | 1939 | 0.036  | 0.2    | 2.15 | 55     | <10   | 300    | 0.6    | <2     | 0.22 | <0.5   | 15     | 36     | 40     | 3.15 | 10     | <1     | 0.11 |
| L999177 | 287008 | 5465379 | 1933 | 0.056  | 0.3    | 2.28 | 110    | <10   | 300    | 0.7    | <2     | 0.11 | <0.5   | 16     | 38     | 47     | 3.44 | 10     | <1     | 0.09 |
| L999178 | 287027 | 5465349 | 1923 | 0.042  | <0.2   | 2.17 | 189    | <10   | 420    | 0.9    | <2     | 0.37 | 1      | 19     | 28     | 46     | 3.27 | 10     | <1     | 0.14 |
| L999179 | 287024 | 5465337 | 1914 | 0.083  | 0.3    | 2.29 | 80     | <10   | 280    | 0.7    | <2     | 0.15 | 0.6    | 16     | 37     | 44     | 3.2  | 10     | 1      | 0.11 |
| L999180 | 287029 | 5465312 | 1905 | 0.026  | <0.2   | 2.26 | 69     | <10   | 310    | 0.7    | <2     | 0.18 | <0.5   | 15     | 39     | 44     | 3.09 | 10     | <1     | 0.11 |
| L999181 | 287038 | 5465291 | 1903 | 0.034  | 0.2    | 2.08 | 62     | <10   | 280    | 0.6    | <2     | 0.27 | <0.5   | 15     | 37     | 40     | 3.04 | 10     | <1     | 0.11 |
| L999182 | 287048 | 5465268 | 1897 | 0.048  | 0.4    | 2.4  | 74     | <10   | 480    | 0.8    | <2     | 0.38 | 2.1    | 18     | 106    | 62     | 3.92 | 10     | <1     | 0.28 |
| L999183 | 287053 | 5465238 | 1886 | 0.025  | 1      | 2.42 | 459    | <10   | 350    | 0.9    | <2     | 0.29 | 1.9    | 22     | 52     | 54     | 3.96 | 10     | <1     | 0.27 |
| L999184 | 287063 | 5465217 | 1885 | 0.045  | 1.1    | 2.5  | 377    | <10   | 320    | 1.1    | <2     | 0.33 | 1.2    | 24     | 49     | 55     | 4.07 | 10     | <1     | 0.21 |
| L999185 | 287071 | 5465195 | 1880 | 0.021  | 1      | 2.65 | 171    | <10   | 290    | 0.9    | <2     | 0.31 | 1.8    | 21     | 48     | 49     | 3.76 | 10     | <1     | 0.17 |
| L999186 | 287075 | 5465171 | 1887 | 0.113  | 1.4    | 2.27 | 343    | <10   | 290    | 0.9    | <2     | 0.22 | 1.2    | 22     | 46     | 59     | 4.02 | 10     | <1     | 0.2  |
| L999187 | 287084 | 5465147 | 1882 | 0.406  | 1      | 1.91 | 369    | <10   | 240    | 0.8    | <2     | 0.1  | <0.5   | 16     | 19     | 41     | 3.41 | 10     | <1     | 0.12 |
| L999188 | 287094 | 5465125 | 1877 | 0.006  | 1      | 0.72 | 32     | <10   | 220    | <0.5   | <2     | 2.09 | 1.1    | 4      | 12     | 21     | 0.85 | <10    | <1     | 0.08 |
| L999189 | 287098 | 5465091 | 1874 | 0.045  | 1.5    | 2.2  | 182    | <10   | 240    | 0.7    | <2     | 0.59 | <0.5   | 12     | 39     | 35     | 3.18 | 10     | <1     | 0.09 |
| L999195 | 287220 | 5465087 | 1885 | 0.014  | 1      | 2.22 | 184    | <10   | 770    | 0.8    | <2     | 0.66 | 2.6    | 23     | 37     | 40     | 4.08 | 10     | <1     | 0.08 |
| L999196 | 287215 | 5465110 | 1895 | 0.025  | 0.4    | 1.72 | 93     | <10   | 240    | 0.7    | <2     | 0.2  | <0.5   | 14     | 27     | 37     | 3.04 | 10     | <1     | 0.15 |
| L999197 | 287218 | 5465139 | 1903 | 0.018  | <0.2   | 1.87 | 141    | <10   | 500    | 1      | <2     | 0.27 | 1      | 21     | 33     | 73     | 4.03 | 10     | <1     | 0.15 |
| L999198 | 287205 | 5465166 | 1907 | 0.049  | 0.9    | 2.25 | 157    | <10   | 330    | 1      | <2     | 0.45 | 1.8    | 18     | 34     | 54     | 3.52 | 10     | 1      | 0.17 |
| L999199 | 287199 | 5465185 | 1911 | 0.036  | 1.7    | 2.43 | 186    | <10   | 250    | 1      | <2     | 0.16 | 0.7    | 21     | 35     | 57     | 3.59 | 10     | <1     | 0.15 |
| L999215 | 287287 | 5465310 | 1963 | 0.037  | 1      | 2.58 | 155    | <10   | 270    | 0.8    | <2     | 0.11 | <0.5   | 18     | 53     | 55     | 3.67 | 10     | 1      | 0.11 |

| SAMPLE  | La_ppm | Mg_% | Mn_ppm | Mo_ppm | Na_%  | Ni_ppm | P_ppm | Pb_ppm | S_%  | Sb_ppm | Sc_ppm | Sr_ppm | Th_ppm | Ti_% | Tl_ppm | U_ppm | V_ppm | W_ppm | Zn_ppm |
|---------|--------|------|--------|--------|-------|--------|-------|--------|------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| L998350 | 10     | 0.57 | 1455   | 1      | 0.01  | 34     | 1090  | 19     | 0.05 | 3      | 3      | 25     | <20    | 0.09 | <10    | <10   | 69    | <10   | 113    |
| L998466 | 10     | 0.58 | 489    | 1      | 0.01  | 35     | 1030  | 12     | 0.03 | 5      | 4      | 11     | <20    | 0.11 | <10    | <10   | 75    | <10   | 111    |
| L999156 | 10     | 0.59 | 1445   | 1      | 0.01  | 37     | 960   | 16     | 0.04 | 3      | 4      | 21     | <20    | 0.09 | <10    | <10   | 68    | <10   | 106    |
| L999157 | 10     | 0.57 | 690    | 1      | 0.01  | 34     | 930   | 13     | 0.03 | 4      | 4      | 14     | <20    | 0.11 | <10    | <10   | 77    | <10   | 108    |
| L999158 | 10     | 0.6  | 1255   | 1      | 0.01  | 38     | 1100  | 27     | 0.05 | 4      | 3      | 21     | <20    | 0.08 | <10    | <10   | 68    | <10   | 149    |
| L999159 | 10     | 0.74 | 565    | 1      | 0.01  | 44     | 710   | 16     | 0.05 | 3      | 4      | 40     | <20    | 0.1  | <10    | <10   | 81    | <10   | 146    |
| L999160 | 10     | 0.57 | 717    | 1      | 0.01  | 40     | 920   | 11     | 0.02 | 4      | 6      | 13     | <20    | 0.09 | <10    | <10   | 67    | <10   | 120    |
| L999161 | 10     | 0.51 | 869    | 1      | <0.01 | 34     | 760   | 13     | 0.03 | 4      | 4      | 13     | <20    | 0.07 | <10    | <10   | 66    | <10   | 96     |
| L999162 | 10     | 0.58 | 1535   | 1      | <0.01 | 35     | 900   | 14     | 0.03 | 5      | 4      | 15     | <20    | 0.09 | <10    | <10   | 71    | <10   | 103    |
| L999163 | 10     | 0.56 | 1175   | 1      | <0.01 | 39     | 930   | 15     | 0.04 | 4      | 4      | 18     | <20    | 0.07 | <10    | <10   | 70    | <10   | 103    |
| L999164 | 10     | 0.49 | 1105   | 1      | 0.01  | 35     | 800   | 12     | 0.03 | 3      | 4      | 16     | <20    | 0.08 | <10    | <10   | 65    | <10   | 93     |
| L999165 | 10     | 0.53 | 1400   | 2      | 0.01  | 34     | 1080  | 20     | 0.05 | 4      | 3      | 23     | <20    | 0.07 | <10    | <10   | 61    | <10   | 96     |
| L999166 | 10     | 0.53 | 1070   | 1      | 0.01  | 33     | 840   | 11     | 0.03 | 5      | 4      | 13     | <20    | 0.09 | <10    | <10   | 68    | <10   | 93     |
| L999176 | 10     | 0.5  | 1030   | 1      | 0.01  | 31     | 800   | 16     | 0.03 | 4      | 3      | 19     | <20    | 0.09 | <10    | <10   | 66    | <10   | 119    |
| L999177 | 10     | 0.52 | 1190   | 1      | <0.01 | 32     | 830   | 26     | 0.02 | 5      | 4      | 14     | <20    | 0.09 | <10    | <10   | 68    | <10   | 132    |
| L999178 | 10     | 0.43 | 3800   | 2      | <0.01 | 34     | 1380  | 45     | 0.05 | 6      | 3      | 41     | <20    | 0.08 | <10    | <10   | 53    | <10   | 233    |
| L999179 | 10     | 0.51 | 1310   | 1      | 0.01  | 33     | 1020  | 16     | 0.03 | 3      | 3      | 19     | <20    | 0.09 | <10    | <10   | 64    | <10   | 133    |
| L999180 | 10     | 0.53 | 1780   | 1      | 0.01  | 36     | 1280  | 15     | 0.04 | 5      | 3      | 16     | <20    | 0.09 | <10    | <10   | 64    | <10   | 117    |
| L999181 | 10     | 0.5  | 1430   | 1      | <0.01 | 32     | 1070  | 14     | 0.04 | 4      | 3      | 24     | <20    | 0.07 | <10    | <10   | 63    | <10   | 107    |
| L999182 | 10     | 0.9  | 1270   | 2      | <0.01 | 84     | 1670  | 24     | 0.06 | 5      | 5      | 28     | <20    | 0.1  | <10    | <10   | 103   | <10   | 204    |
| L999183 | 20     | 0.69 | 2170   | 1      | <0.01 | 53     | 1630  | 76     | 0.06 | 6      | 3      | 33     | <20    | 0.07 | <10    | <10   | 71    | <10   | 338    |
| L999184 | 20     | 0.69 | 2110   | 1      | <0.01 | 55     | 1360  | 65     | 0.04 | 6      | 4      | 35     | <20    | 0.08 | <10    | <10   | 69    | <10   | 348    |
| L999185 | 20     | 0.7  | 1640   | 1      | <0.01 | 48     | 1280  | 53     | 0.04 | 5      | 4      | 28     | <20    | 0.09 | <10    | <10   | 70    | <10   | 325    |
| L999186 | 20     | 0.63 | 1880   | 2      | <0.01 | 47     | 930   | 109    | 0.03 | 6      | 4      | 23     | <20    | 0.07 | <10    | <10   | 67    | <10   | 243    |
| L999187 | 20     | 0.25 | 1350   | 1      | <0.01 | 22     | 690   | 102    | 0.03 | 6      | 3      | 16     | <20    | 0.04 | <10    | <10   | 42    | <10   | 143    |
| L999188 | 10     | 0.28 | 1495   | <1     | 0.01  | 16     | 1560  | 32     | 0.21 | 3      | <1     | 103    | <20    | 0.02 | <10    | <10   | 16    | <10   | 85     |
| L999189 | 10     | 0.54 | 1255   | 1      | 0.01  | 42     | 830   | 26     | 0.05 | 3      | 3      | 34     | <20    | 0.06 | <10    | <10   | 54    | <10   | 196    |
| L999195 | 10     | 0.47 | 8020   | 2      | 0.01  | 135    | 1680  | 15     | 0.11 | 4      | 1      | 47     | <20    | 0.04 | <10    | 10    | 58    | <10   | 348    |
| L999196 | 20     | 0.42 | 1155   | 1      | <0.01 | 31     | 950   | 30     | 0.04 | 2      | 2      | 20     | <20    | 0.05 | <10    | <10   | 51    | <10   | 155    |
| L999197 | 20     | 0.52 | 3930   | 1      | <0.01 | 104    | 1240  | 42     | 0.06 | 6      | 2      | 26     | <20    | 0.05 | <10    | <10   | 60    | <10   | 414    |
| L999198 | 20     | 0.49 | 2250   | 1      | <0.01 | 56     | 1300  | 39     | 0.05 | 4      | 3      | 28     | <20    | 0.05 | <10    | <10   | 55    | <10   | 255    |
| L999199 | 20     | 0.51 | 1750   | 1      | 0.01  | 34     | 1160  | 46     | 0.04 | 4      | 3      | 18     | <20    | 0.07 | <10    | <10   | 59    | <10   | 190    |
| L999215 | 20     | 0.62 | 1135   | 2      | 0.01  | 45     | 1040  | 36     | 0.04 | 6      | 4      | 16     | <20    | 0.08 | <10    | <10   | 90    | <10   | 173    |

| SAMPLE  | UTME   | UTMN    | Elev | Au_ppm | Ag_ppm | Al_% | As_ppm | B_ppm | Ba_ppm | Be_ppm | Bi_ppm | Ca_% | Cd_ppm | Co_ppm | Cr_ppm | Cu_ppm | Fe_% | Ga_ppm | Hg_ppm | K_%  |
|---------|--------|---------|------|--------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|
| L999216 | 287294 | 5465285 | 1966 | 0.038  | 0.6    | 2.27 | 244    | <10   | 390    | 0.9    | <2     | 0.28 | 0.7    | 22     | 44     | 61     | 3.82 | 10     | <1     | 0.2  |
| L999217 | 287303 | 5465260 | 1961 | 0.059  | 1      | 2.08 | 246    | <10   | 320    | 1      | <2     | 0.13 | 0.8    | 22     | 39     | 85     | 4.02 | 10     | <1     | 0.21 |
| L999218 | 287310 | 5465236 | 1946 | 0.020  | 0.8    | 1.99 | 140    | <10   | 490    | 1.2    | <2     | 0.72 | 1.4    | 19     | 38     | 122    | 3.29 | 10     | <1     | 0.17 |
| L999219 | 287318 | 5465213 | 1945 | 0.048  | 0.9    | 2.42 | 162    | <10   | 520    | 1      | <2     | 0.49 | 2.5    | 19     | 47     | 66     | 3.34 | 10     | <1     | 0.17 |
| L999220 | 287336 | 5465166 | 1946 | 0.011  | 0.7    | 1.87 | 79     | <10   | 510    | 0.6    | <2     | 0.26 | 0.9    | 10     | 35     | 38     | 2.76 | 10     | <1     | 0.11 |
| L999221 | 287342 | 5465141 | 1938 | 0.010  | 0.9    | 2.42 | 95     | <10   | 820    | 0.8    | <2     | 0.38 | 1.2    | 10     | 53     | 46     | 3.05 | 10     | <1     | 0.12 |
| L999222 | 287348 | 5465117 | 1940 | 0.006  | 0.3    | 2.09 | 42     | <10   | 270    | 0.6    | <2     | 0.26 | 0.5    | 13     | 30     | 36     | 3.08 | 10     | <1     | 0.08 |
| L999223 | 287358 | 5465095 | 1939 | 0.008  | 0.8    | 2.33 | 104    | <10   | 220    | 0.7    | <2     | 0.24 | <0.5   | 11     | 44     | 32     | 3.16 | 10     | <1     | 0.1  |
| L999230 | 287301 | 5465080 | 1920 | 0.048  | 0.5    | 2.18 | 146    | <10   | 250    | 0.8    | <2     | 0.08 | <0.5   | 15     | 41     | 50     | 3.36 | 10     | <1     | 0.12 |
| L999231 | 287264 | 5465208 | 1927 | 0.012  | 1.8    | 2.89 | 193    | <10   | 340    | 0.9    | <2     | 1.12 | 1.9    | 17     | 63     | 60     | 3.64 | 10     | <1     | 0.24 |
| L999232 | 287258 | 5465223 | 1932 | 0.028  | 1.1    | 2.71 | 170    | <10   | 380    | 0.9    | <2     | 0.35 | 1.3    | 20     | 49     | 58     | 3.71 | 10     | <1     | 0.2  |
| L999233 | 287251 | 5465247 | 1943 | 0.032  | 0.8    | 2.41 | 188    | <10   | 340    | 1      | <2     | 0.28 | 1.3    | 22     | 50     | 60     | 4.04 | 10     | 1      | 0.3  |
| L999234 | 287246 | 5465272 | 1952 | 0.027  | 0.7    | 2.19 | 192    | <10   | 280    | 0.9    | <2     | 0.15 | 0.8    | 19     | 37     | 55     | 3.61 | 10     | <1     | 0.16 |
| L999235 | 287241 | 5465299 | 1954 | 0.029  | 0.9    | 2.38 | 193    | <10   | 230    | 0.8    | <2     | 0.13 | <0.5   | 16     | 38     | 51     | 3.53 | 10     | <1     | 0.11 |
| L999236 | 287231 | 5465319 | 1952 | 0.060  | 0.5    | 2.24 | 136    | <10   | 260    | 0.7    | <2     | 0.1  | <0.5   | 14     | 37     | 45     | 3.31 | 10     | <1     | 0.09 |
| L999430 | 287413 | 5465251 | 1605 | 0.023  | 0.8    | 2.57 | 84     | <10   | 200    | 0.7    | <2     | 0.08 | <0.5   | 14     | 38     | 41     | 3.41 | 10     | <1     | 0.09 |
| L999431 | 287422 | 5465227 | 1606 | 0.020  | 0.5    | 2.64 | 106    | <10   | 260    | 0.8    | 2      | 0.12 | <0.5   | 16     | 42     | 45     | 3.57 | 10     | 1      | 0.1  |
| L999432 | 287430 | 5465198 | 1606 | 0.107  | 1      | 2.95 | 35     | <10   | 150    | 0.6    | <2     | 0.11 | <0.5   | 8      | 20     | 26     | 2.22 | 10     | <1     | 0.08 |
| L999433 | 287439 | 5465180 | 1604 | 0.053  | 0.7    | 2.71 | 81     | <10   | 170    | 0.7    | <2     | 0.08 | <0.5   | 12     | 32     | 41     | 3.06 | 10     | 1      | 0.09 |
| L999434 | 287445 | 5465156 | 1604 | 0.021  | 0.6    | 2.49 | 157    | <10   | 310    | 0.8    | <2     | 0.25 | 0.6    | 15     | 50     | 46     | 3.55 | 10     | <1     | 0.13 |
| L999756 | 286648 | 5465201 | 1818 | 0.015  | 0.5    | 2.81 | 59     | <10   | 200    | 0.7    | <2     | 0.26 | <0.5   | 13     | 41     | 44     | 3.18 | 10     | 1      | 0.07 |
| L999757 | 286638 | 5465228 | 1813 | 0.007  | 0.7    | 2.64 | 40     | <10   | 150    | 0.6    | <2     | 0.22 | <0.5   | 10     | 32     | 33     | 2.86 | 10     | <1     | 0.07 |
| L999758 | 286638 | 5465253 | 1801 | 0.043  | 0.3    | 2.09 | 106    | <10   | 290    | 0.7    | <2     | 0.22 | <0.5   | 18     | 54     | 64     | 3.9  | 10     | <1     | 0.13 |
| L999759 | 286629 | 5465277 | 1810 | 0.055  | 0.6    | 2.44 | 76     | <10   | 250    | 0.7    | <2     | 0.2  | 0.6    | 16     | 41     | 49     | 3.39 | 10     | <1     | 0.11 |
| L999760 | 286619 | 5465304 | 1818 | 0.023  | 0.6    | 2.66 | 46     | <10   | 230    | 0.6    | <2     | 0.11 | <0.5   | 13     | 28     | 38     | 2.8  | 10     | <1     | 0.07 |
| L999761 | 286609 | 5465335 | 1823 | 0.095  | 0.2    | 2.6  | 54     | <10   | 310    | 0.7    | <2     | 0.19 | <0.5   | 16     | 39     | 48     | 3.22 | 10     | <1     | 0.11 |
| L999762 | 286597 | 5465362 | 1827 | 0.027  | 0.2    | 2.36 | 73     | <10   | 450    | 0.7    | <2     | 0.33 | <0.5   | 20     | 48     | 51     | 3.76 | 10     | <1     | 0.14 |
| L999763 | 286592 | 5465390 | 1837 | 0.048  | 0.5    | 2.5  | 77     | <10   | 500    | 0.8    | <2     | 0.44 | 1.1    | 28     | 46     | 69     | 4.31 | 10     | <1     | 0.22 |
| L999764 | 286585 | 5465413 | 1851 | 0.082  | 0.4    | 2.61 | 173    | <10   | 420    | 0.8    | <2     | 0.3  | 0.7    | 24     | 44     | 72     | 4.21 | 10     | <1     | 0.24 |
| L999765 | 286577 | 5465447 | 1862 | 0.165  | 0.3    | 2.32 | 122    | <10   | 390    | 0.7    | <2     | 0.34 | 0.9    | 20     | 38     | 68     | 3.6  | 10     | <1     | 0.2  |
| L999766 | 286572 | 5465473 | 1870 | 0.093  | 0.3    | 2.13 | 146    | <10   | 340    | 0.6    | <2     | 0.5  | 0.5    | 21     | 37     | 67     | 3.66 | 10     | <1     | 0.21 |
| L999767 | 286560 | 5465497 | 1880 | 0.074  | 0.2    | 2.31 | 71     | <10   | 800    | 0.8    | <2     | 1.05 | 1.6    | 27     | 43     | 91     | 4.31 | 10     | <1     | 0.27 |
| L999768 | 286543 | 5465526 | 1894 | 0.191  | 1.3    | 3.13 | 148    | <10   | 400    | 1.2    | <2     | 0.44 | 1.2    | 38     | 37     | 152    | 5.83 | 10     | <1     | 0.27 |

| SAMPLE  | La_ppm | Mg_% | Mn_ppm | Mo_ppm | Na_%  | Ni_ppm | P_ppm | Pb_ppm | S_%  | Sb_ppm | Sc_ppm | Sr_ppm | Th_ppm | Ti_% | Tl_ppm | U_ppm | V_ppm | W_ppm | Zn_ppm |
|---------|--------|------|--------|--------|-------|--------|-------|--------|------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| L999216 | 20     | 0.59 | 2320   | 2      | 0.01  | 48     | 1270  | 56     | 0.06 | 6      | 3      | 29     | <20    | 0.06 | <10    | <10   | 70    | <10   | 186    |
| L999217 | 20     | 0.55 | 2000   | 1      | <0.01 | 51     | 1020  | 60     | 0.04 | 7      | 4      | 18     | <20    | 0.05 | <10    | <10   | 62    | <10   | 186    |
| L999218 | 20     | 0.53 | 1460   | 1      | 0.01  | 60     | 1690  | 33     | 0.14 | 4      | 1      | 46     | <20    | 0.03 | <10    | <10   | 57    | <10   | 260    |
| L999219 | 20     | 0.62 | 1710   | 1      | 0.01  | 71     | 1670  | 37     | 0.08 | 4      | 1      | 43     | <20    | 0.04 | <10    | <10   | 68    | <10   | 314    |
| L999220 | 10     | 0.4  | 530    | 1      | 0.01  | 36     | 1030  | 21     | 0.05 | 2      | 1      | 26     | <20    | 0.03 | <10    | <10   | 55    | <10   | 163    |
| L999221 | 20     | 0.56 | 374    | 1      | 0.01  | 62     | 1220  | 20     | 0.06 | 4      | 2      | 32     | <20    | 0.04 | <10    | <10   | 64    | <10   | 247    |
| L999222 | 10     | 0.44 | 1270   | 1      | 0.01  | 27     | 1390  | 13     | 0.04 | 3      | 2      | 18     | <20    | 0.06 | <10    | <10   | 62    | <10   | 121    |
| L999223 | 10     | 0.49 | 465    | 1      | 0.01  | 27     | 1040  | 16     | 0.03 | 6      | 4      | 19     | <20    | 0.09 | <10    | <10   | 69    | <10   | 105    |
| L999230 | 20     | 0.53 | 595    | 2      | <0.01 | 30     | 580   | 31     | 0.03 | 6      | 4      | 9      | <20    | 0.05 | <10    | <10   | 64    | <10   | 112    |
| L999231 | 20     | 0.79 | 1685   | 1      | 0.02  | 56     | 2360  | 31     | 0.15 | 6      | 2      | 50     | <20    | 0.06 | <10    | <10   | 79    | <10   | 262    |
| L999232 | 20     | 0.73 | 1845   | 1      | 0.01  | 46     | 1630  | 49     | 0.05 | 7      | 3      | 30     | <20    | 0.08 | <10    | <10   | 75    | <10   | 231    |
| L999233 | 20     | 0.79 | 1765   | 1      | 0.01  | 50     | 1590  | 43     | 0.06 | 6      | 3      | 27     | <20    | 0.07 | <10    | <10   | 75    | <10   | 190    |
| L999234 | 20     | 0.52 | 1590   | 2      | <0.01 | 36     | 1110  | 45     | 0.05 | 5      | 3      | 20     | <20    | 0.06 | <10    | <10   | 61    | <10   | 164    |
| L999235 | 20     | 0.49 | 1030   | 2      | 0.01  | 30     | 970   | 45     | 0.04 | 6      | 3      | 16     | <20    | 0.08 | <10    | <10   | 69    | <10   | 134    |
| L999236 | 10     | 0.46 | 1780   | 1      | 0.01  | 30     | 880   | 32     | 0.04 | 3      | 3      | 16     | <20    | 0.08 | <10    | <10   | 67    | <10   | 134    |
| L999430 | 20     | 0.48 | 1100   | 1      | 0.01  | 33     | 1070  | 18     | 0.03 | 6      | 3      | 11     | <20    | 0.06 | <10    | <10   | 66    | <10   | 129    |
| L999431 | 20     | 0.55 | 1240   | 1      | 0.01  | 40     | 970   | 29     | 0.03 | 4      | 3      | 18     | <20    | 0.08 | <10    | <10   | 72    | <10   | 141    |
| L999432 | 10     | 0.26 | 838    | 1      | 0.01  | 16     | 1330  | 13     | 0.05 | 6      | 2      | 11     | <20    | 0.07 | <10    | <10   | 44    | <10   | 80     |
| L999433 | 10     | 0.41 | 1100   | 1      | 0.01  | 27     | 1180  | 19     | 0.03 | 4      | 3      | 10     | <20    | 0.08 | <10    | <10   | 59    | <10   | 112    |
| L999434 | 20     | 0.56 | 1250   | 1      | 0.01  | 39     | 1060  | 26     | 0.05 | 7      | 2      | 24     | <20    | 0.05 | <10    | <10   | 69    | <10   | 148    |
| L999756 | 10     | 0.56 | 631    | 1      | 0.02  | 35     | 640   | 11     | 0.04 | 3      | 4      | 18     | <20    | 0.11 | <10    | <10   | 73    | <10   | 105    |
| L999757 | 10     | 0.44 | 558    | <1     | 0.01  | 28     | 770   | 8      | 0.03 | 2      | 3      | 16     | <20    | 0.11 | <10    | <10   | 64    | <10   | 97     |
| L999758 | 10     | 0.73 | 1165   | 1      | <0.01 | 40     | 870   | 16     | 0.04 | <2     | 4      | 18     | <20    | 0.08 | <10    | <10   | 83    | <10   | 102    |
| L999759 | 10     | 0.53 | 1320   | 1      | 0.01  | 29     | 1010  | 35     | 0.05 | 6      | 3      | 18     | <20    | 0.08 | <10    | <10   | 70    | <10   | 122    |
| L999760 | 10     | 0.34 | 969    | 1      | 0.02  | 24     | 1160  | 19     | 0.04 | 3      | 3      | 15     | <20    | 0.11 | <10    | <10   | 58    | <10   | 91     |
| L999761 | 10     | 0.54 | 1260   | 1      | 0.01  | 37     | 1110  | 10     | 0.04 | 3      | 4      | 21     | <20    | 0.11 | <10    | <10   | 69    | <10   | 102    |
| L999762 | 10     | 0.66 | 2210   | 1      | 0.01  | 38     | 890   | 18     | 0.06 | 4      | 3      | 34     | <20    | 0.1  | <10    | <10   | 83    | <10   | 122    |
| L999763 | 20     | 0.63 | 2600   | 1      | 0.01  | 61     | 1350  | 17     | 0.07 | 4      | 4      | 40     | <20    | 0.09 | <10    | <10   | 76    | <10   | 187    |
| L999764 | 20     | 0.69 | 2170   | 2      | 0.01  | 45     | 1950  | 21     | 0.05 | 5      | 5      | 30     | <20    | 0.08 | <10    | <10   | 76    | <10   | 176    |
| L999765 | 10     | 0.59 | 1720   | 1      | 0.01  | 40     | 1380  | 17     | 0.05 | 6      | 4      | 34     | <20    | 0.08 | <10    | <10   | 68    | <10   | 131    |
| L999766 | 10     | 0.59 | 1885   | 1      | 0.01  | 40     | 1200  | 20     | 0.06 | 5      | 3      | 42     | <20    | 0.06 | <10    | <10   | 67    | <10   | 133    |
| L999767 | 10     | 0.58 | 3780   | 2      | 0.01  | 59     | 3210  | 22     | 0.13 | 7      | 3      | 95     | <20    | 0.07 | <10    | <10   | 63    | <10   | 298    |
| L999768 | 20     | 0.46 | 5660   | 4      | 0.01  | 125    | 2280  | 23     | 0.08 | 9      | 7      | 51     | <20    | 0.1  | <10    | 10    | 64    | <10   | 262    |

| SAMPLE  | UTME   | UTMN    | Elev | Au_ppm | Ag_ppm | Al_% | As_ppm | B_ppm | Ba_ppm | Be_ppm | Bi_ppm | Ca_% | Cd_ppm | Co_ppm | Cr_ppm | Cu_ppm | Fe_% | Ga_ppm | Hg_ppm | K_%  |
|---------|--------|---------|------|--------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|--------|------|--------|--------|------|
| M485654 | 287182 | 5465230 | 1915 | 0.042  | 2.3    | 2.47 | 304    | <10   | 310    | 0.9    | <2     | 0.35 | 1.3    | 20     | 47     | 57     | 3.95 | 10     | <1     | 0.2  |
| M485655 | 287177 | 5465256 | 1922 | 0.072  | 1      | 2.3  | 311    | <10   | 350    | 1      | <2     | 0.26 | 1.4    | 23     | 53     | 74     | 4.21 | 10     | <1     | 0.26 |
| M485656 | 287172 | 5465279 | 1930 | 0.016  | 0.7    | 2.14 | 116    | <10   | 260    | 0.7    | <2     | 0.23 | <0.5   | 15     | 35     | 41     | 3.12 | 10     | 1      | 0.11 |
| M485657 | 287167 | 5465306 | 1928 | 0.023  | 0.7    | 2.63 | 155    | <10   | 310    | 0.9    | <2     | 0.16 | 0.5    | 20     | 48     | 50     | 3.75 | 10     | 1      | 0.13 |
| M485658 | 287158 | 5465328 | 1931 | 0.033  | 0.7    | 2.4  | 176    | <10   | 470    | 0.8    | <2     | 0.46 | 1.2    | 20     | 43     | 50     | 3.6  | 10     | <1     | 0.18 |
| M485659 | 287153 | 5465350 | 1931 | 0.036  | 0.6    | 2.34 | 127    | <10   | 210    | 0.7    | <2     | 0.09 | <0.5   | 14     | 38     | 49     | 3.36 | 10     | <1     | 0.09 |
| M485969 | 286389 | 5465229 | 1790 | 0.011  | 0.5    | 2.49 | 873    | <10   | 230    | 0.6    | <2     | 0.91 | 0.8    | 14     | 53     | 62     | 3.58 | 10     | <1     | 0.19 |
| M485970 | 286398 | 5465196 | 1809 | 0.020  | 0.7    | 2.39 | 911    | <10   | 190    | 0.8    | 2      | 0.84 | 0.8    | 21     | 58     | 81     | 3.86 | 10     | <1     | 0.14 |
| M485971 | 286408 | 5465172 | 1822 | 0.027  | 0.5    | 2.32 | 970    | <10   | 220    | 0.7    | 2      | 0.76 | 0.5    | 20     | 60     | 72     | 4.26 | 10     | <1     | 0.21 |
| M485972 | 286410 | 5465146 | 1829 | 0.015  | 1      | 3.14 | 1180   | <10   | 180    | 0.9    | 3      | 0.67 | 0.9    | 22     | 64     | 110    | 4.26 | 10     | <1     | 0.18 |
| M485973 | 286427 | 5465122 | 1837 | 0.007  | 0.8    | 2.46 | 238    | <10   | 190    | 0.7    | 2      | 0.19 | 0.5    | 13     | 40     | 51     | 3.51 | 10     | <1     | 0.09 |
| M485974 | 286435 | 5465092 | 1853 | 0.010  | 0.6    | 2.66 | 289    | <10   | 170    | 0.7    | 2      | 0.18 | <0.5   | 13     | 40     | 36     | 3.34 | 10     | <1     | 0.07 |
| M485975 | 286444 | 5465062 | 1862 | 0.007  | 0.4    | 2.92 | 328    | <10   | 220    | 0.8    | <2     | 0.31 | <0.5   | 15     | 41     | 44     | 3.37 | 10     | <1     | 0.08 |
| M485976 | 286456 | 5465036 | 1865 | 0.009  | 0.5    | 2.95 | 298    | <10   | 210    | 0.8    | 3      | 0.44 | <0.5   | 15     | 44     | 49     | 3.44 | 10     | <1     | 0.09 |
| M485977 | 286464 | 5465008 | 1870 | 0.028  | 0.3    | 2.86 | 328    | <10   | 200    | 0.8    | 2      | 0.44 | <0.5   | 16     | 48     | 54     | 3.4  | 10     | <1     | 0.08 |
| M485978 | 286470 | 5464980 | 1878 | 0.009  | 0.4    | 2.5  | 237    | <10   | 160    | 0.6    | 2      | 0.16 | <0.5   | 11     | 42     | 34     | 3.44 | 10     | <1     | 0.08 |
| M485979 | 286587 | 5465021 | 1857 | 0.021  | 0.5    | 3.12 | 178    | <10   | 230    | 0.8    | 2      | 0.41 | <0.5   | 15     | 45     | 67     | 3.58 | 10     | <1     | 0.08 |
| M485980 | 286578 | 5465051 | 1859 | 0.006  | 0.5    | 2.95 | 128    | <10   | 220    | 0.8    | 2      | 0.28 | <0.5   | 16     | 42     | 49     | 3.55 | 10     | <1     | 0.08 |
| M485981 | 286571 | 5465080 | 1860 | 0.007  | 0.5    | 2.41 | 53     | <10   | 150    | 0.6    | 2      | 0.16 | <0.5   | 11     | 39     | 34     | 3.3  | 10     | <1     | 0.08 |
| M485982 | 286558 | 5465107 | 1855 | 0.005  | 0.4    | 2.62 | 188    | <10   | 170    | 0.6    | 2      | 0.22 | <0.5   | 12     | 42     | 47     | 3.29 | 10     | <1     | 0.07 |
| M485983 | 286546 | 5465134 | 1846 | 0.008  | 0.5    | 2.49 | 194    | <10   | 170    | 0.6    | <2     | 0.29 | <0.5   | 13     | 42     | 48     | 3.35 | 10     | <1     | 0.08 |
| M485984 | 286537 | 5465159 | 1835 | 0.010  | 0.4    | 2.75 | 365    | <10   | 160    | 0.7    | 2      | 0.55 | <0.5   | 16     | 44     | 63     | 3.63 | 10     | <1     | 0.08 |
| M485985 | 286531 | 5465181 | 1822 | 0.007  | 0.8    | 2.74 | 251    | <10   | 180    | 0.8    | 2      | 0.64 | <0.5   | 13     | 39     | 88     | 3.27 | 10     | <1     | 0.07 |
| M485986 | 286523 | 5465210 | 1808 | 0.046  | 0.5    | 2.46 | 62     | <10   | 200    | 0.6    | 3      | 0.36 | <0.5   | 12     | 37     | 46     | 3.17 | 10     | <1     | 0.06 |
| M485987 | 286510 | 5465238 | 1802 | 0.029  | 0.4    | 2.35 | 48     | <10   | 190    | 0.6    | 3      | 0.51 | 0.5    | 11     | 37     | 45     | 2.91 | 10     | <1     | 0.06 |
| M485988 | 286501 | 5465265 | 1794 | 0.045  | 0.6    | 2.21 | 81     | <10   | 250    | 0.7    | 2      | 0.66 | 0.6    | 11     | 44     | 76     | 3.15 | 10     | <1     | 0.08 |
| M485989 | 286497 | 5465297 | 1796 | 0.086  | 0.4    | 2.71 | 70     | <10   | 270    | 0.7    | 3      | 0.15 | <0.5   | 17     | 37     | 58     | 3.56 | 10     | <1     | 0.11 |
| M485990 | 286569 | 5465300 | 1791 | 0.067  | 0.2    | 2.61 | 68     | <10   | 410    | 0.9    | 3      | 0.26 | 0.7    | 21     | 44     | 76     | 4.13 | 10     | <1     | 0.17 |
| M485991 | 286576 | 5465270 | 1791 | 0.057  | 0.4    | 2.32 | 98     | <10   | 270    | 0.7    | 2      | 0.41 | 0.6    | 14     | 54     | 52     | 3.6  | 10     | <1     | 0.11 |
| M485992 | 286593 | 5465247 | 1798 | 0.012  | 0.5    | 2.41 | 43     | <10   | 210    | 0.6    | 2      | 0.35 | <0.5   | 12     | 36     | 42     | 3.1  | 10     | <1     | 0.07 |
| M485993 | 286600 | 5465215 | 1806 | 0.020  | 0.4    | 2.72 | 67     | <10   | 230    | 0.7    | 2      | 0.39 | <0.5   | 16     | 48     | 54     | 3.88 | 10     | <1     | 0.08 |
| M485994 | 286601 | 5465184 | 1814 | 0.024  | 0.5    | 2.33 | 71     | <10   | 200    | 0.6    | 2      | 0.85 | 0.5    | 16     | 50     | 54     | 3.82 | 10     | <1     | 0.13 |

| SAMPLE  | La_ppm | Mg_% | Mn_ppm | Mo_ppm | Na_% | Ni_ppm | P_ppm | Pb_ppm | S_%  | Sb_ppm | Sc_ppm | Sr_ppm | Th_ppm | Ti_% | Tl_ppm | U_ppm | V_ppm | W_ppm | Zn_ppm |
|---------|--------|------|--------|--------|------|--------|-------|--------|------|--------|--------|--------|--------|------|--------|-------|-------|-------|--------|
| M485654 | 20     | 0.64 | 1920   | 1      | 0.01 | 47     | 1370  | 158    | 0.06 | 6      | 3      | 25     | <20    | 0.07 | <10    | <10   | 69    | <10   | 278    |
| M485655 | 20     | 0.75 | 2550   | 2      | 0.01 | 58     | 1450  | 97     | 0.04 | 7      | 4      | 21     | <20    | 0.07 | <10    | <10   | 71    | <10   | 305    |
| M485656 | 10     | 0.47 | 1500   | 1      | 0.01 | 33     | 1000  | 39     | 0.05 | 4      | 2      | 18     | <20    | 0.06 | <10    | <10   | 60    | <10   | 157    |
| M485657 | 20     | 0.61 | 1500   | 1      | 0.01 | 43     | 940   | 56     | 0.04 | 6      | 3      | 19     | <20    | 0.08 | <10    | <10   | 76    | <10   | 188    |
| M485658 | 20     | 0.6  | 2950   | 1      | 0.01 | 47     | 1190  | 44     | 0.07 | 6      | 3      | 44     | <20    | 0.07 | <10    | <10   | 72    | <10   | 211    |
| M485659 | 10     | 0.47 | 985    | 2      | 0.01 | 33     | 840   | 25     | 0.05 | 4      | 3      | 11     | <20    | 0.07 | <10    | <10   | 66    | <10   | 132    |
| M485969 | 10     | 0.84 | 2230   | 4      | 0.02 | 43     | 1420  | 9      | 0.11 | 4      | 5      | 43     | <20    | 0.08 | <10    | <10   | 81    | <10   | 98     |
| M485970 | 20     | 0.93 | 993    | 4      | 0.01 | 53     | 1330  | 22     | 0.09 | <2     | 5      | 36     | <20    | 0.07 | <10    | 10    | 81    | <10   | 109    |
| M485971 | 20     | 1.04 | 1090   | 3      | 0.02 | 53     | 1120  | 18     | 0.05 | 2      | 6      | 35     | <20    | 0.09 | <10    | <10   | 83    | <10   | 102    |
| M485972 | 20     | 0.95 | 662    | 2      | 0.01 | 60     | 720   | 16     | 0.05 | <2     | 6      | 29     | <20    | 0.11 | <10    | <10   | 89    | <10   | 111    |
| M485973 | 10     | 0.58 | 426    | 2      | 0.01 | 31     | 640   | 16     | 0.02 | <2     | 4      | 19     | <20    | 0.12 | <10    | <10   | 72    | <10   | 104    |
| M485974 | 10     | 0.6  | 544    | 1      | 0.01 | 31     | 560   | 16     | 0.01 | <2     | 4      | 16     | <20    | 0.12 | <10    | <10   | 71    | <10   | 93     |
| M485975 | 10     | 0.67 | 1100   | 1      | 0.02 | 36     | 540   | 18     | 0.02 | 2      | 4      | 22     | <20    | 0.11 | <10    | <10   | 70    | <10   | 98     |
| M485976 | 10     | 0.72 | 1180   | 1      | 0.01 | 38     | 660   | 17     | 0.02 | <2     | 4      | 23     | <20    | 0.11 | <10    | <10   | 73    | <10   | 102    |
| M485977 | 20     | 0.79 | 1055   | 1      | 0.02 | 40     | 560   | 18     | 0.02 | <2     | 5      | 24     | <20    | 0.13 | <10    | <10   | 76    | <10   | 103    |
| M485978 | 10     | 0.6  | 400    | 1      | 0.01 | 30     | 540   | 16     | 0.02 | <2     | 4      | 14     | <20    | 0.13 | <10    | <10   | 76    | <10   | 103    |
| M485979 | 20     | 0.71 | 1035   | 1      | 0.01 | 43     | 530   | 14     | 0.01 | <2     | 5      | 20     | <20    | 0.12 | <10    | <10   | 75    | <10   | 113    |
| M485980 | 10     | 0.63 | 901    | 1      | 0.02 | 37     | 750   | 14     | 0.02 | <2     | 4      | 18     | <20    | 0.12 | <10    | <10   | 74    | <10   | 106    |
| M485981 | 10     | 0.52 | 414    | 1      | 0.01 | 26     | 890   | 11     | 0.02 | 2      | 3      | 11     | <20    | 0.12 | <10    | <10   | 76    | <10   | 88     |
| M485982 | 10     | 0.57 | 484    | 1      | 0.01 | 31     | 660   | 13     | 0.02 | <2     | 4      | 14     | <20    | 0.12 | <10    | <10   | 73    | <10   | 112    |
| M485983 | 10     | 0.61 | 463    | 2      | 0.01 | 36     | 730   | 14     | 0.03 | <2     | 4      | 18     | <20    | 0.1  | <10    | <10   | 74    | <10   | 101    |
| M485984 | 10     | 0.71 | 872    | 1      | 0.02 | 44     | 610   | 12     | 0.02 | <2     | 5      | 23     | <20    | 0.13 | <10    | <10   | 75    | <10   | 113    |
| M485985 | 20     | 0.6  | 946    | 1      | 0.02 | 43     | 670   | 14     | 0.04 | 2      | 4      | 27     | <20    | 0.11 | <10    | <10   | 67    | <10   | 106    |
| M485986 | 10     | 0.54 | 541    | 1      | 0.01 | 33     | 600   | 12     | 0.02 | 2      | 4      | 18     | <20    | 0.1  | <10    | <10   | 68    | <10   | 96     |
| M485987 | 10     | 0.53 | 556    | 1      | 0.01 | 30     | 900   | 10     | 0.05 | <2     | 2      | 22     | <20    | 0.07 | <10    | <10   | 62    | <10   | 91     |
| M485988 | 20     | 0.58 | 666    | 1      | 0.01 | 37     | 1080  | 12     | 0.06 | <2     | 3      | 31     | <20    | 0.05 | <10    | <10   | 66    | <10   | 106    |
| M485989 | 10     | 0.49 | 1735   | 2      | 0.01 | 40     | 1230  | 16     | 0.03 | <2     | 4      | 16     | <20    | 0.09 | <10    | <10   | 65    | <10   | 127    |
| M485990 | 20     | 0.64 | 2240   | 1      | 0.01 | 61     | 1000  | 21     | 0.03 | 2      | 5      | 28     | <20    | 0.09 | <10    | <10   | 71    | <10   | 160    |
| M485991 | 10     | 0.72 | 1025   | 1      | 0.02 | 48     | 970   | 22     | 0.05 | <2     | 4      | 27     | <20    | 0.08 | <10    | <10   | 74    | <10   | 157    |
| M485992 | 10     | 0.58 | 916    | 1      | 0.02 | 31     | 810   | 11     | 0.02 | <2     | 4      | 21     | <20    | 0.09 | <10    | <10   | 62    | <10   | 101    |
| M485993 | 10     | 0.73 | 817    | 1      | 0.02 | 40     | 610   | 15     | 0.02 | 2      | 4      | 21     | <20    | 0.1  | <10    | <10   | 80    | <10   | 107    |
| M485994 | 10     | 0.82 | 1080   | 1      | 0.01 | 42     | 790   | 15     | 0.05 | <2     | 5      | 28     | <20    | 0.09 | <10    | <10   | 79    | <10   | 114    |

# Appendix II

## Cost Statement

## Appendix II. Cost Statement - Bradshaw Project

| Exploration Work Type               | Company                 | Comment                           |                           |             |                 | Totals       |
|-------------------------------------|-------------------------|-----------------------------------|---------------------------|-------------|-----------------|--------------|
| <b>Personnel/ Position</b>          |                         |                                   | <b>Days</b>               | <b>Rate</b> | <b>Subtotal</b> |              |
| Charles Greig                       | C.J.Greig & Associates  | Supervision, geol eval, report    | 1                         | 750         | 750             |              |
| Jeffrey Rowe                        | C.J.Greig & Associates  | Reseach, report prep and maps     | 7                         | 600         | 4200            |              |
| Roy Greig                           | C.J.Greig & Associates  | Sampling, prospecting, report     | 2                         | 350         | 700             |              |
| 6 Other Samplers                    | C.J.Greig & Associates  | Sampling & XRF analyses           | 9                         | 350         | 3150            |              |
|                                     |                         |                                   |                           |             |                 | 8800         |
| <b>Geochemical Samples</b>          |                         |                                   | <b>Number</b>             | <b>Rate</b> |                 |              |
| Soils                               | ALS Chemex Laboratories | Sample prep and analyses          | 131                       | 29.25       | 3832            |              |
|                                     |                         |                                   |                           |             |                 | 3832         |
| <b>Transportation</b>               |                         |                                   |                           |             |                 |              |
| Vehicle                             |                         | Rental, Kms & Fuel                |                           |             | 500             |              |
|                                     |                         |                                   |                           |             |                 | 500          |
| <b>Equipment, Supplies, Freight</b> |                         |                                   |                           |             |                 |              |
| Equipment Rentals, Communications   |                         | XRF, radios, GPS units, sat phone |                           |             | 700             |              |
| Field Supplies                      |                         | sample bags, flagging, hip chains |                           |             | 106             |              |
| Sample Shipping                     |                         |                                   |                           |             | 172             |              |
|                                     |                         |                                   |                           |             |                 | 978          |
|                                     |                         |                                   | <b>TOTAL EXPENDITURES</b> |             |                 | <b>14110</b> |

# Appendix III

## Personnel

### Appendix III. Personnel

| Personnel        | Company                | Position                      | Period Worked           |
|------------------|------------------------|-------------------------------|-------------------------|
| Charles Greig    | C.J.Greig & Associates | Project Manager, Supervisor   | July17 - Feb 21, 2013   |
| Jeffrey Rowe     | C.J.Greig & Associates | Geologist, Report Preparation | July17 - Feb 21, 2013   |
| Roy Greig        | C.J.Greig & Associates | Geologist, Sampler, Report    | July 17 - July 31, 2012 |
| Kei Quinn        | C.J.Greig & Associates | Geologist, Sampler            | July 17 - July 31, 2012 |
| Brittney Bidlake | C.J.Greig & Associates | Sampler                       | July 17 - July 31, 2012 |
| Cody Puckett     | C.J.Greig & Associates | Sampler                       | July 17 - July 31, 2012 |
| Mairi Greig      | C.J.Greig & Associates | Sampler                       | July 17, 2012           |
| Cody Stewart     | C.J.Greig & Associates | Sampler                       | July 17, 2012           |
| Elena Greig      | C.J.Greig & Associates | Sampler                       | July 17, 2012           |

# Appendix IV

## Statements of Qualifications

I, Jeffrey D. Rowe, of 2537 Evergreen Drive, Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. (Honours) (Geological Sciences, 1975) and have practiced my profession continuously from 1975 to 1999 and from 2007 to present.
2. I have been employed in the geoscience industry for over 30 years, and have explored for gold and base metals in North and South America for both senior and junior mining companies, on exploration properties as well as at a producing mine.
3. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
4. I am an author of the report entitled; “2012 Soil Geochemistry Program on the Bradshaw Property” dated February 21, 2013. I helped plan the work program reported on herein.

Dated at Penticton, British Columbia, this 21st day of February, 2013.

Respectfully submitted,

*“J D Rowe”*

Jeffrey D. Rowe, B.Sc.

I, Charles James Greig, of 250 Farrell St., Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Comm. (1981), a B.Sc. (Geological Sciences, 1985), and an M.Sc. (Geological Sciences, 1989), and have practiced my profession continuously since graduation.
2. I have been employed in the geoscience industry for over 25 years, and have explored for gold and base metals in North, Central, and South America, and Africa for both senior and junior mining companies, and have several years of experience in regional-scale government geological mapping.
3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #27529).
4. I am a "Qualified Person" as defined by National Instrument 43-101.
5. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
6. I am an author of the report entitled; "2012 Soil Geochemistry Program on the Bradshaw Property" dated February 21, 2013. I supervised the work program reported on herein.
7. I have read National Instrument 43-101 and Form 43-101F1 and the technical report has been prepared in compliance with National Instrument 43-101 and Form 43-101F1.

Dated at Penticton, British Columbia, this 21st day of February, 2013.

Respectfully submitted,

*"C J Greig"*

Charles James Greig, M.Sc. P.Geo

I, Roy Edward Greig, of 250 Farrell St., Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Sc. (Honours) (Geological Sciences, 2012) and have practiced my profession continuously from 2011 to present.
2. I have been employed in the geoscience industry for 7 years, and have explored for gold and base metals in North America and Africa for a number of junior mining companies.
3. I am a Geoscientist in Training of the Association of Professional Engineers and Geoscientists of British Columbia (license #171943).
4. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.
6. I am an author of the report entitled; “2012 Soil Geochemistry Program on the Bradshaw Property” dated February 21, 2013. I helped plan and took part in the work program reported on herein.

Dated at Penticton, British Columbia, this 21st day of February, 2013.

Respectfully submitted,

*“R.E Greig”*

Roy E. Greig, B.Sc.

# Appendix V

Confirmation of Exploration and  
Development Work/ Expiry Date Change