

COMINCO LTD.

EXPLORATION

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WESTERN DISTRICT

093 . 12

1996 ASSESSMENT REPORT

KUDZ ZE KAYAH PROPERTY

LINECUTTING, SOIL GEOCHEMISTRY, GEOLOGICAL MAPPING,  
GEOPHYSICAL SURVEYS AND DIAMOND DRILLING

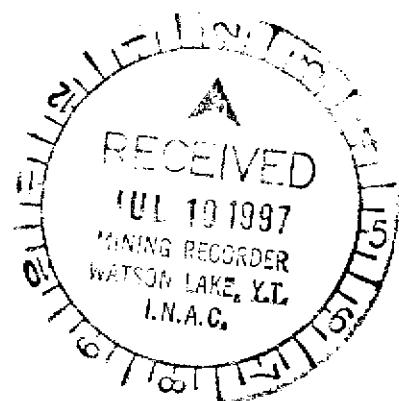
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WATSON LAKE M.D., YUKON

NORTH LAKES LAKE AREA

WORK PERIOD

MAY 30 TO AUGUST 30, 1996



LATITUDE: 61°30'

LONGITUDE: 130°40'

MARCH, 1997

H.C. SCHULTZE  
DAVE C. HALL

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 146,251.00

*M. R. B.*  
for Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.

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**1996 ASSESSMENT REPORT  
KUDZ ZE KAYAH PROPERTY,  
YUKON TERRITORY**

### 1.0 SUMMARY

Geological mapping, prospecting, linecutting and geophysical ground surveys (HLEM/MAG+Gravity) and diamond drilling were undertaken at Kudz Ze Kayah in 1996. The property is located 135 km south of Ross River, Yukon and is host to the ABM VHMS deposit and numerous forms of weak disseminated and vein style mineralization. In 1996 the property was fully mapped at 20,000 scale and thoroughly prospected by professional projectors. The property can be divided into two geological domains; a northern domain with Wol / Wolverine equivalent stratigraphy and southern domain with type KZK stratigraphy. A total of 1481 geochemical samples were collected between pre-existing lines on the north half of the property and yield a variety of multielement anomalies. Two cut grids and one cut baseline were established. HLEM, magnetics, and gravity were completed on the two grids resulting in one drill hole being spotted and drilled with discouraging results.

Additional detailed geochemistry is recommended at the north end of the property to further define existing anomalous areas followed by one or two lines of gravity/HLEM/ and magnetics to define a drill target.

### 2.0 LOCATION AND ACCESS

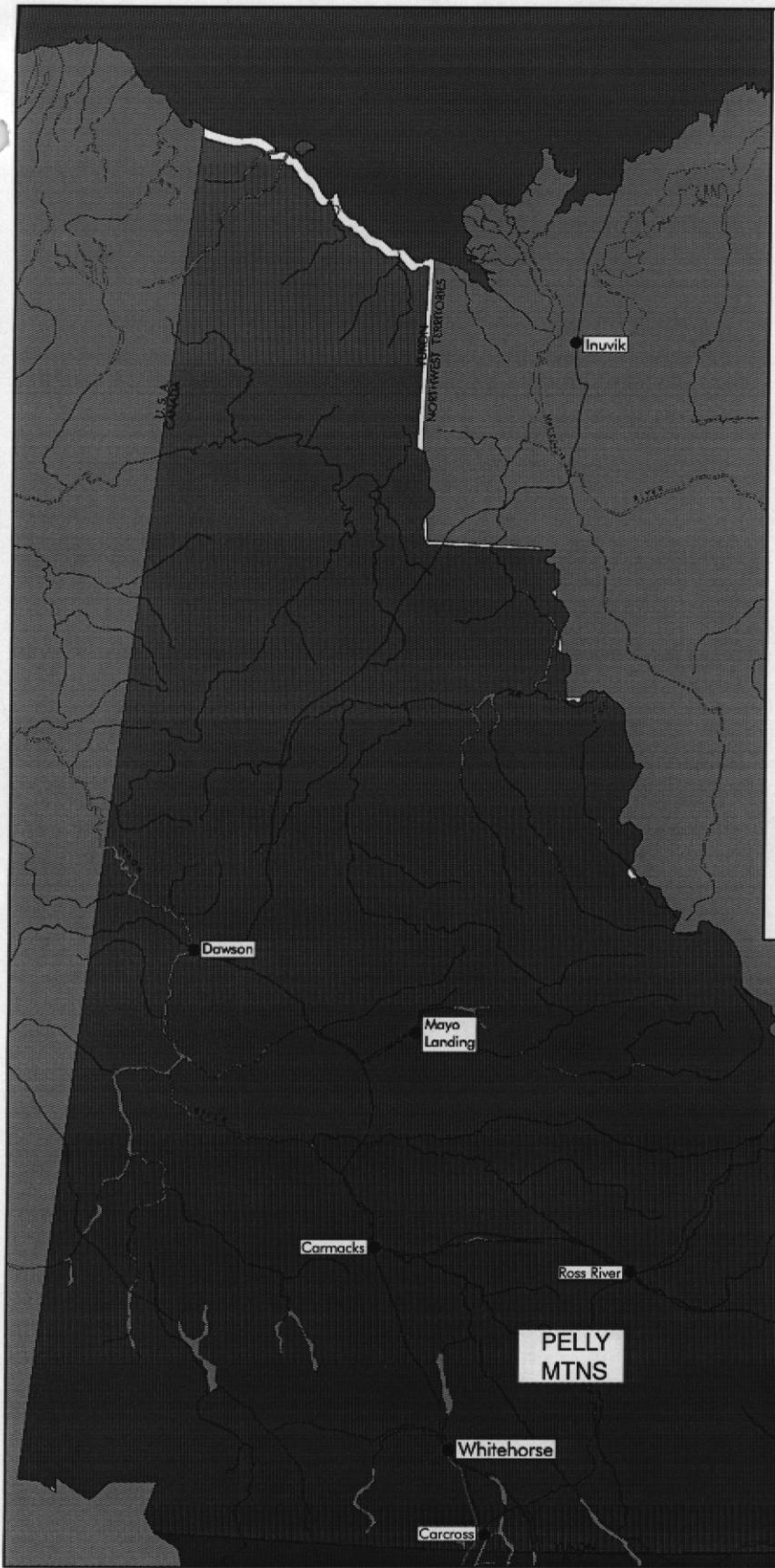
The Kudz Ze Kayah (KZK) property is located on the northern flank of the Pelly Mountain range, 135 km south of Ross River, Yukon. The area is accessed by the Robert Campbell Highway which links the towns of Watson Lake and Ross River and is one of the two major routes into the Yukon. The ABM deposit is located in the upper end of the Geona Creek valley 23 km south of Finlayson Lake. A 24 km long, 4m wide access road has been built by Cominco into the site from the Robert Campbell Highway. A staffed gatehouse and gate exist at the access road entrance; only Cominco authorized people may use the road.

### 3.0 PROPERTY AND OWNERSHIP

Kudz Ze Kayah comprises 1791 mineral claims encompassing an area of about 37,000 ha (91000 acres). Claims are owned 100% by Cominco and listed as follows:

Claim Name	Claim Numbers
TAG	1 to 1684
HOME	1 to 17
PLATE	1 to 25
LIMY	1 to 9
LY	1 to 15
EL	1 to 8
DOG	1 to 4
KZK Fr.	1 to 29

Of the 1791 mineral claims 1604 of the claims have been capitalized; expenditures on these claims are tracked separately and treated accordingly by corporate accounting. A legal post survey was been carried out in the immediate mine and millsite area between June 18 and July 1, 1997 by F.B. Underhill, CLS. He identified 29 fractional claims which were subsequently staked as the KZK series of fractional claims. The claim post survey has been registered.



BEST ATTAINABLE  
IMAGE



200km

Drawn by: Traced by: a. m. a.

Revised by: Date: Revised by: Date:

TJB 2 MAY, 1997

105 A13

Scale: AS SHOWN

Date: APRIL, 1997

Plate:

#### **4.0 PREVIOUS WORK**

Cominco's interest in the area was heightened in 1992 when soil and silt geochemical sample results from a Cominco reconnaissance program that year confirmed and expanded upon an anomalous silt sample released in the Geological Survey of Canada's regional geochemistry silt survey for NTS mapsheet 105G, Open File 1648 (Hornebrooke and Friske, 1988).

In 1993 a small follow-up program within the anomalous drainage resulted in the location of a well mineralized, layered sulphide cobble by A.B.Mawer. At the same time potential host rocks for the mineralized float were recognized. A reconnaissance UTEM geophysical survey was immediately implemented over the projected trace of the prospective units where they disappear beneath quaternary cover in the valley floor. This survey identified an EM feature representing a possible source for the mineralized float. The first Tag claims were subsequently staked and recorded August 20, 1993 to cover the geophysically responsive feature; a magnetics survey was also carried out during staking. Further magnetics, HLEM, and soil surveys were completed later that fall and successfully defined a drill target.

The target was drilled in April, 1994 with the first hole completed on April 20 intersecting 22.5 m of sulphide rock in two zones. Three additional holes were drilled in April with each intersecting mineralization over significant widths. The weighted average grade of sulphides in the discovery hole is 0.5% Cu, 2.8% Pb, 10% Zn, 278 grams of Ag per tonne and 2.9 grams of Au per tonne. The sulphide body was named the ABM zone by Exploration in recognition of A.B.Mawer's contribution towards the discovery and distinguished career with Cominco.

Fifty two holes totalling 8485m were completed in 1994 along with ground and airborne geophysical surveys, detailed mapping in the vicinity of the deposit, regional and detailed exploration geochemistry, and baseline environmental sampling.

In 1995 an additional 132 holes totalling 16,178 m were added along with geotechnical investigations, detailed engineering / mine planning, bulk sampling, environmental monitoring, archaeology studies, and road construction. Additional exploration soil sampling, minor geological mapping, and ground geophysical surveys were also undertaken.

#### **5.0 REGIONAL GEOLOGY**

The rocks underlying this part of southeastern Yukon have been assigned to the Yukon-Tanana Terrane (YTT) (Mortensen, 1983a; Mortensen and Jilson, 1985).

The YTT consists primarily of a layered sequence of metamorphosed rocks comprising a "lower unit" of pre-Devonian quartzite, pelitic schist and minor marble, a late Devonian to mid-Mississippian "middle unit" (3F) comprising carbonaceous phyllite and schist with interbanded mafic and, locally significant, felsic metavolcanics (3G), and an "upper unit" of Pennsylvanian marbles and quartzite. Volcanism within the "middle unit" was accompanied by the intrusion of 2-3, late Devonian to Mississippian, mafic to felsic metapluutonic suites (Simpson Range suite and augen and monzonitic orthogneisses). This sequence appears to reflect stable platformal or shelf sedimentation with an intervening period of mafic to felsic arc volcanism developed within a more reduced basinal setting.

A subhorizontal to moderately north to northeast dipping, penetrative ductile deformation fabric (S2) and associated middle greenschist facies (chlorite-biotite grade) metamorphism affects all YTT rocks. This fabric reflects the first, and most significant, deformational and metamorphic event (D1) perhaps related to a continent-arc collision during late Permian to early Triassic time.

## **6.0 WORK COMPLETED IN 1996 AND METHODOLOGY**

### **6.1 LINECUTTING**

During the period June 6-9 and July 1-6, 1996, two geophysical grids and one cut baseline were cut on the Tag claims of the KZK property. Linecutting was carried out by Kaska-Nomadic of Ross River, Yukon.

GRID NAME	GP3L	Tag-North	KZK NE Baseline
# LINE KM'S	6.2	5.0	8.0

### **6.2 GEOLOGY, PROSPECTING and GEOCHEMISTRY**

In 1996 mapping at 20,000 scale encompassed the limits of the property and was focussed outside of the immediate ABM deposit area which had been previously mapped at 5000 scale in 1994/95. The mapping was done between June 2 and August 27 and included contributions from 15 different mappers with the bulk of the effort achieved by Dominique Babin, Darren Senft, Pauline Orr, Lisa Tulk, and Adam Szybinski. Comments on ABM specific attributes are derived from author's knowledge with significant historical contributions from Paul MacRobbie and Dereck Rhodes. Traverse control was established by orienteering, cutline grids, and Trimble Geoexplore GPS units with Proexcel base station control accuracy to within 2m. Geology attributes were collected in the field on palm top computers and downloaded into a GIS / base station computer in KZK camp each evening.

Prospecting of specific AEM / mag features was done by 5 professional prospectors between May 30 and June 11. Two of the prospectors utilized Beep Mat geophysical devices.

In total 1427 soil samples and 54 silt samples were collected by a crew of 5 between June 2 and July 31. Samples were collected every 100 m along lines spaced 450m apart over the northern half of the property and every 50m on cut line grids.

All soil, silt and rock samples were analyzed for Cu, Pb, Zn, Ag, As, Cd, Co, Ni, Fe, Mo, Cr, Bi, Sb, V, Sn, W, Sr, Y, La, Mn, Mg, Ti, Al, Ca, Na and K by I.C.P. Au was analyzed by Aqua Regia decomposition/AAS and Ba by pressed pellet/XRF at Cominco Exploration Research Laboratory (CERL) in Vancouver. All data is presented in Appendix II.

### **6.3 DIAMOND DRILLING**

One NQ diameter hole was drilled on the KZK property as shown in the table below. The drill hole location is shown on Figure 3. The drill hole log and core geochemistry is included in Appendix IV, and a cross section as Figures 3c. Drilling was conducted by DJ Drilling Ltd. of Surrey, B.C. The core is stored at the KZK camp core facility.

HOLE #	PROPERTY/GRID	UTM COORD	GRID COORD	COLLAR AZIMUTH	COLLAR DIP	HOLE LENGTH (m)	DATES WORKED
K96-171	KZK/ GP3L	410634 E 6810038 N	800 E 125 N	180	-70	99.2	June 17-19

## **6.4 GEOPHYSICAL SURVEYS**

The 1996 geophysical program for the KZK property involved ground surveys (HLEM / MAG + Gravity) on Grids GP3L and Tag North. The targets were chosen for the purpose of detailing magnetics and EM conductors observed from airborne geophysical information. A Horizontal Loop EM interpretation legend is included in Appendix III.

GEOPHYSICAL GRID	SURVEY TYPE	# KM'S SURVEYED	DATES WORKED
Tag North	HLEM / Mag Gravity	4.2 1.0	Aug. 2, 6
GP3L	HLEM / Mag Gravity	5.6 1.0	June 12-13 Aug. 1

### **6.4.1 Horizontal Loop Survey**

The HLEM system used was a Max-Min I-10 in combination with an MMC data recorder, both manufactured by Apex Parametrics Ltd. The survey employed a 100 metre coil spacing in most cases although survey lines were occasionally repeated using a 150 m spacing for greater depth penetration. Three frequencies: 440, 1760, and 3520 Hz, were read at a 25 metre station interval.

For data collection, the receiver (Rx) and transmitters (Tx) were simultaneously tilted in a coplanar orientation paralleling the topographic slope (horizontal loop mode). The Rx-Tx separation of 100 metres was kept constant by using the interconnecting reference cable as a chain.

The HLEM results are presented in stacked profile form on 1:5000 plan maps, one map for each frequency. Data points are plotted half way between the Tx-Rx location. In-Phase (IP) data points are indicated by dots joined by a solid line; Out-of-Phase (OP) data is indicated by a dashed line. The conductor width, conductivity-thickness, and depth to top are indicated on the plots which provide the best definition of the conductors. These results are discussed below using the lowest frequency (usually 440 Hz) that adequately defines the conductor. An interpretation legend which describes these features is appended to this report.

A conductor will show a negative IP and/or OP trough of width (with respect to background values) equal to that of the conductor width plus the length of the coil separation. The IP and OP widths due to a conductive source are shown, respectively, above and below the zero line. The shallower a conductor is from the surface, the higher will be the amplitude of the IP and OP responses. Better conductors will respond on progressively lower frequencies whereas poor conductors are seen only on the higher frequencies. A higher IP/OP response amplitude ratio is also indicative of better conductance.

### **6.4.2 Magnetic Survey**

The instrumentation for the magnetic survey consisted of a pair of OMNI PLUS magnetometers, one set up as a recording base station (taking readings every 15 sec.) and the other taking measurements at each point of the survey grid. Readings were taken every 12.5 metres, which was decreased to every 5 metres in locations where the magnetic response changed rapidly. At the end of a survey day the two units were connected to a computer and the day's data was transferred to the computer memory. Corrections for diurnal magnetic field variations were applied to each survey station value before plots were made. Reading accuracies of  $\pm 5$  nT were attained for the magnetics survey.

The total field magnetic data is presented in stacked profile form at a scale of 1:5000. HLEM conductor axes are traced on the magnetic profile map.

#### 6.4.3 Gravity Survey

Gravity readings were taken with a LaCoste Romberg gravity meter, Model "G", S/N 494. This unit is sealed, internally pressure compensated, and thermostatically controlled during operation to minimize drift from atmospheric pressure and temperature changes. A base station was established on the grid and by utilizing base station readings (at least 2 per day) all gravity readings were corrected for diurnal drift and levelled to this common base. Gravity readings were corrected for latitude and elevation (including both free-air and Bouguer corrections). The data has been processed for a Bouguer density of 2.67 g/cc.

The elevation survey was carried out with a Nikon D-50 theodolite and Nikon prism reflector. A base station was established near the middle of the gravity line and the gravity stations were surveyed to the end of the line. On the return trip stations were checked at 100 metre intervals finally tying in to the survey base station. Any minor errors were distributed throughout the stations of that loop, resulting in individual station accuracies in the order of 0.05 metres.

With reading variations due to gravity meter reading accuracy and drift, and elevation errors, the overall accuracy of the corrected gravity values is probably in the order of 0.05-0.10 mgals. Reduction and plotting of this data was carried out on Geosoft software.

### 7.0 RESULTS IN 1996

#### 7.1 GEOLOGY

The KZK property can be divided into northern and southern domains separated by a large NW trending fault inferred to exist from geophysical discontinuities expressed in airborne data. The southern domain hosts the ABM deposit and equivalent stratigraphy while the northern domain is believed correlative with the Wolverine sequence strata which trends north through Cominco's Wol claims onto the KZK property.

##### 7.1.1 Stratigraphy

**Southern domain:** Stratigraphy is divided into three main components based on field observations: a host volcanic complex, an overlying 'hangingwall' metasediment package, and an underlying 'footwall' metasediment package.

The 'ABM host volcanic complex' is a thick felsic pyroclastic and sill / flow complex with minor mafic sills and flows and rare interbedded sediments. The sediments comprise tuffaceous and carbonaceous mudstones, wackes and orthoquartzites. The volcanic sequence has been structurally thickened and is likely on the order of 1000m in thickness.

The 'hangingwall' metasedimentary package lies about 200m above the ABM and comprises variably carbonaceous and calcareous mudstones with minor quartzites, siltstone, and limestone and intercalated mafic volcanics and minor felsic volcanic units. The package is regionally extensive and very thick.

The 'footwall' metasedimentary sequence is relatively coarser grained than the 'hangingwall' sequence. It comprises mainly siltstones, phyllitic schists, light grey quartzites, and more massive tuffaceous wackes interfingered with feldspar porphyry bodies (Ifp). Non-carbonaceous to carbonaceous mudstones occur locally as do thin felsic tuffs. Mafic sills and dykes (flows?) are common and locally associated with thin banded cherty horizons. The thickness and extent of these units are undetermined.

The 'ABM host volcanic complex' is best exposed on ridges and creek cuts to the west, southwest, and southeast of the deposit. It has been subdivided into recognizable units, namely: felsic tuffs (Ft), felsic flows (Ff), feldspar+quartzporphyry intrusives (Ifqp), feldspar augened crystal tuffs (Ftc) and mafic volcanics - undifferentiated (M).

Felsic tuffs (Ft) are most abundant. Thin bedded tuffs are present near the top of the structural sequence and at stratigraphic levels where argillaceous, pelitic sediments are present as thin intercalations. Ribboned, thinly banded (bedded?) siliceous felsic ash tuffs (Fta) are generally rare in outcrop, appearing more proximal to the deposit. With increasing grain size the fine felsic tuffs grade into crystal-rich ash tuffs (Ftc) containing up to 35% light grey to white feldspar and clear grey quartz crystals.

Rhyolite flows and associated dikes and sills (Ff) are thickest, most abundant, and best exposed on Rhyolite Mountain, west of the deposit. These units are typically very dense, siliceous, and aphanitic. Some outcrops above Fault Creek contain up to 70%, 5-25mm spherulites.

Feldspar +quartz porphyry intrusive (Ifqp), a body likely cogenetic with the pyroclastics, is exposed southwest of ABM within Fault Creek, and in cliff forming outcrops immediately north of the creek. This unit contains 15 to 30%, 3 to 18 mm euhedral light grey feldspar phenocrysts and 5 to 20% 2 to 4 mm clear grey, subhedral quartz phenocrysts set in very fine grained quartz+sericite+feldspar+chlorite+iron carbonate matrix. Porphyry intrusives are also mapped south and east of Fault Creek and are described as feldspar dominant, quartz-poor augened schists, possibly crystal tuffs.

Feldspar augened crystal tuffs (Ftc) are well exposed along ridges southeast of ABM, apparently on strike with the unit described above. The more fissile character and internal variations of feldspar augen content and lateral extent suggest that this unit may be a crystal rich tuff.

Minor thin mafic components (M) are mapped throughout the ABM host volcanic complex. Two distinct units are present low on the slopes. One is a strongly foliated porphyroblastic chlorite-biotite-calcite unit exposed west along strike of and identical to a mafic unit in drill core. This unit was consistently cored beneath the orebody and possibly represents a composite splayed sill-like dike or sill. It was found to be locally massive and thick. The second unit is a coarse grained mafic schist with gabbroic texture. Both these units appear to trend and thin along strike westward into thinner, fine grained schists. Commonly found cross-cutting the Ifqp and Ftc units are numerous dark brown grey biotitic, lamprophyric schists. Mafic tuffs while present in the ABM host volcanic complex appear to be volumetrically minor. They are generally fine grained, chlorite+calcite phyllitic schists.

Mesozoic two-mica granite (mlqfp) and diorite bodies are mapped within / adjacent significant structural features on the property. The igneous bodies are commonly strained at their margins and undeformed internally.

**Northern Domain:** Stratigraphy generally trends northwest with moderate to steep northeast dips. Five distinctive rock packages have been mapped. The stratigraphically highest volcanic unit is generally well exposed along the eastern property margin. This unit comprises well foliated, medium to dark green, chloritic and locally weakly epidote altered and hematitic, intermediate to mafic pillow flows, tuffs, lapilli-tuffs and minor pillow flow breccias, locally containing grey limestone fragments or intrapillow fillings. Intermediate to mafic flows and flow fragments are occasionally vesicular/amygduoidal and spherulitic. Minor chloritic phyllites, chert/cherty tuff and siltstone interbeds, as well as massive serpentinized ultramafic bodies, are locally present. The mafic volcanics are believed to represent a conformable sequence over the felsic volcanics/sediments of the YTT that have been subsequently juxtaposed by faulting.

Structurally below the pillow mafic volcanics, are light to medium green, fine-grained, massive, variably calcareous chloritic phyllite and schists containing minor intercalated, black, carbonaceous mudstone and siltstone.

Underlying the chloritic phyllite, is a thick sequence of mixed felsic volcanic and argillite/mudstone units (50-200m thick). The upper part of the felsic unit is fine-grained, light green grey, thinly banded/bedded, fragmental textured quartz-chlorite-sericite±feldspar schist. This unit locally exhibits a rusty weathered surface due to the presence of trace disseminated pyrite±chalcocite. Towards the base of the unit are found, thin, light grey, matrix supported feldspar porphyry bodies. The porphyries have been located in two small outcrops 3 km apart. Light green sericitic, pyritic, felsic, fine lapilli tuffs are also found within Finlayson Creek at the northern end of the property.

The lowermost structural/stratigraphic unit, occurring below the felsic volcanics, is a thick package of poorly exposed, recessive, silvery grey weathering, dark blue grey to black, carbonaceous phyllitic mudstone with locally minor thin siltstone/sandstone interbeds. This unit is host to gossans and soil anomalies on the ARM property, an enclave of competitor claims at the east end of the KZK property. The unit is believed to be stratigraphically correlative with mudstones and phyllites comprising the hangingwall metasedimentary sequence of the southern KZK property domain.

At the extreme northern end of the claim block a massive cryptocrystalline limestone body caps the volcano-sedimentary sequence.

### **6.2.2 Structure**

The Yukon Tanana rocks on the KZK property are strongly structurally transposed, polydeformed, and overprinted by mid-greenschist and higher grade metamorphism.

There is evidence of five distinct phases of deformation (Z. A. Szybinski, 1996, Internal File Note). The first three phases (D1, D2, D3) were regionally penetrative and involved ductile simple-shearing, faulting and folding. Early-stage fabrics (S1), represented by weak, bedding-parallel schistosity to a well-developed mylonitic fabric, have been transposed into a strong, shallowly dipping, axial plane crenulation cleavage (S2) which was formed during the development of south- to southeast-verging F2 folds. North- to northeast-dipping S3 cleavage and shear bands commonly offset S2 fabrics in a top-to-the-south/southeast shear sense.

The last two phases of deformation (D4, D5) were relatively minor and involved non-penetrative compression and extension. D4 deformation is characterized by broad open folds whereas D5 deformation is characterized by late-stage, commonly north- and northeast-striking, brittle-style normal faults, such as the Fault Creek Fault and East Fault which crosscut the ABM deposit area. In addition, early thrust faults commonly display late-stage (D5) extensional re-activation.

### **7.2 Mineralization**

The property is host to the ABM VHMS deposit and numerous forms of weak disseminated and vein style mineralization. Most mineralization is confined to the felsic volcanic sequence however narrow, crosscutting and S-2 parallel vein occurrences have been found in the hangingwall metasedimentary sequence phyllites while disseminated chalcopyrite has been noted within chert units within the footwall metasedimentary sequence.

The ABM deposit is not exposed at surface and subcrops beneath 2 to 20 m of glacial overburden and colluvium. The subcrop extends in an east-west direction across the valley floor and extends a further 150 m to the east beneath capping rocks. Its southeast part has been downdropped 150 m by East Fault. The deposit is sheetlike and parallels stratigraphy with 35 degree northerly dips at surface that flatten to 15 degrees at about 200m downdip. The sulphide sheet has a down dip extent of at least 400m in its northwest quadrant. Over much of its areal extent the deposit forms a main, single layer however in its southwest part two main layers of sulphides are encountered which locally merge into a thick zone with minor intercalated waste. The sulphide sheets range in thickness from less than 2 m to 39 m with an average thickness of about 9 m.

### **7.3 GEOCHEMISTRY**

The area to the north of ABM has an increasingly thick moraine cover with generally east to west or just north of west ice direction. Glaciofluvial deposits occur locally. Outcrop exposure is very poor to nonexistent. Soil development is generally poor. In swampy valley bottoms a thick, root filled black A horizon is developed often overlying a pale grey A-2 (this is sometimes actually volcanic ash from about 600 BP). Few strongly coloured B horizons are developed.

Soils collected in 1996 were collected as in-fill lines between geochem samples acquired in 1994 and 1995. Multielement soil anomalies are distributed over a 5 km area extending from the east eastern edge of the claim block to the northwest. Anomalies commonly exhibit affinities with the ARM shale package having elevated Mo, Sn, Bi, Sb, and Au values. Some of the elevated Zn values occur independent of other elements and are spatially associated with the low swampy areas and poorly developed drainages. One cluster of anomalous values encompasses a smaller 1.5 x 1 km region immediately west of the ARM claims in the vicinity of a small felsic quartz-sericite schist outcrop. Values with elevated Pb (to 242 ppm), Zn (to 1200 ppm), Cu (to 91), are found.

Peak values encountered in the data set that include samples collected in 1996 through the ARM when it was under option to Cominco include 2339 ppm Cu, 1905 ppm Zn, 1093 ppm Pb, 25 ppm Ag, 526 ppm Mo, 600 ppm Au, 17,031 ppm B-XRF, 126 ppm Bi, and 903 ppm Sb

## 7.4 GEOPHYSICS

### TAG NORTH

Located approximately 14 km north of the Kudz Ze Kayah deposit this target was picked to check a discrete airborne EM feature in an area of uniform magnetics. On August 2, 1996 a survey crew completed 4.2 kms of HLEM/MAG. They returned on August 6 to follow up an HLEM target with 1.0 kms of gravity and levelling surveys. Results indicate a conductor, well defined over 2 lines (200+ metres), with a conductivity-thickness of 33 seimens at its strongest point. Magnetic response over the whole grid area is essentially flat. The gravity survey does not indicate any anomalous densities in the vicinity of the conductor. (Figures 6a-e). On the basis of the geophysical results no further work is recommended.

### GP3L

A total of 5.2 kms of HLEM/MAG and 2.3 kms of gravity and levelling surveys were completed on this grid on June 10, 13 and August 1, 1996. The purpose of the ground surveys was to evaluate a discrete airborne EM target associated with a 2 km long, linear magnetic feature.

Results show a weakly conductive trend directly coincident with a 300-600 nT magnetic feature which is at least 800 m long and approximately 100 m wide. The strongest part of the conductivity (line 800-conductor A) has a conductivity-thickness of 2 seimens, is approximately 5 m deep and appears to dip steeply to the north. The strongest part of the conductivity (L800E) was drilled by dh K96-171. Two lines of gravity were completed on this grid (L800E, L1000E) and the results look almost identical, displaying a 400 metre wide zone up to 1.5 mgals in amplitude above an interpreted background level. This gravity peak is partly due to changes in topography however geological mapping suggests the presence of an ultramafic unit which might account for the required density contrast. Gravity results appear to be independent of conductivity which diminishes markedly between line 800E and line 1000E. (Figures 5a-f).

## 7.5 DIAMOND DRILLING

### DDH K96-171

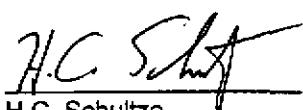
Drill hole K96-171 tested a 2-3 mho conductor with coincident magnetics existing within the lower sedimentary sequence of the ABM stratigraphy. Interbedded mafic volcanics and cherty mudstones were encountered. One cherty sequence, about 2m in length, hosts thin pyrrhotite laminae parallel to compositional layering. The pyrrhotite laminae are spaced centimeters apart and locally contain trace chalcopyrite and give short on an ohm-meter. They are considered the likely source of the AEM/HLEM responses. The hole was drilled prior to the gravity survey in which a 1 mgal anomaly was identified. The gravity anomaly appears centered over a point lying 125 to 150 m down-dip of the drill test. A vertical drill hole on the order of 250 to 275 m would be needed to test the gravity anomaly for a possible sulphide source. It is very possible that mafic / ultramafic sills may account for the change in gravity readings as abundant pyroxenite float was found in the brush near the up-dip projection of the package of rocks in question. Core is stored at the KZK camp core facility on site.

## 8.0 CONCLUSIONS AND RECOMMENDATIONS

Geological mapping, prospecting and geophysical ground surveys (HLEM/MAG+Gravity) and diamond drilling were undertaken at Kudz Ze Kayah in 1996. In 1996 the property was fully mapped at 20,000 scale and thoroughly prospected by professional prospectors. The property can be divided into northern and southern geological domains. A total of 1481 geochemical samples were collected between pre-existing lines on the north half of the property and yield a variety of multielement anomalies. Two cut grids and one cut baseline were established. HLEM, magnetics, and gravity were completed on the two grids resulting in one drill hole being spotted and drilled with discouraging results.

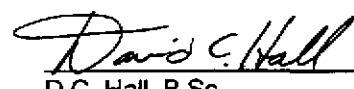
Additional detailed geochemistry is recommended at the north end of the property to further define existing anomalous areas followed by one or two lines of gravity/HLEM/ and magnetics to define a drill target. To the south, UTEM geophysics is recommended over the trace of the ABM felsic volcanic sequence where it has not already been completed and additional exploratory drilling with borehole geophysics embarked upon about the ABM deposit.

Report by:



H.C. Schultze  
Geologist

Report by:



D.C. Hall, B.Sc.  
Geophysicist

Endorsed by:



D. Rhodes  
Senior Geologist

Approved for  
Release by:



D.W. Moore  
Manager, Exploration  
Western Canada

HCS/

### DISTRIBUTION:

W.D. Files

Mining Recorder (2)

## 11.0 REFERENCES

MORTENSEN, J. K., 1983a. AGE AND EVOLUTION OF THE YUKON-TANANA TERRANE, SOUTHEASTERN YUKON TERRITORY [Ph.D. Thesis]; Santa Barbara, University of California, 155 p.

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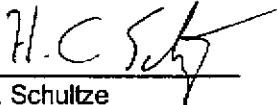
## **APPENDIX I**

### **STATEMENT OF QUALIFICATIONS**

I, H.C. Schultze of the City of West Vancouver, British Columbia, do hereby certify that :

1. I am a graduate of the University of Calgary, 1988 with a B.Sc. degree, Geology Major,
2. I am employed by Cominco Ltd as an exploration geologist,
3. I have been actively involved in mineral exploration for the past 8 and a half years,
4. I am registered as a Professional Geoscientist with the Association of Professional Engineers and Geoscientist of British Columbia.
- 5.

Date: April, 1997

  
H.C. Schultze  
GEOLOGIST

### **STATEMENT OF QUALIFICATIONS**

I, DAVID C. HALL, of 3476 W. 22nd Avenue, in the City of Vancouver, in the Province of British Columbia, do hereby certify:

1. THAT I graduated with a B.Sc. in Geophysics from the University of Manitoba in 1976.
2. THAT I have been actively practising Geophysics from 1976 to 1997, and am presently an employee of Cominco Ltd.

Date: March, 1997

"D. Hall"  
D.C. HALL, B.Sc.  
GEOPHYSICIST

**APPENDIX II**  
**1996 GEOCHEMISTRY DATA**

KZK  
Soils and Silt Geochemistry

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF	
S9614991	319501	422408	6824673	250696	SOIL	7	2	10	0.5	10	33	1	2	4	0.3	1	2	2	2	11	1	1	57	10	3	1169	0.2	0.01	0.43	1.63	0.01	0.02	5	10	1144	
S9614992	319502	422461	6824767	250696	SOIL	68	8	144	1	41	212	3	17	61	3.08	13	9	2	2	2	1	1	22	1	1	106	0.08	0.01	0.2	0.72	0.02	0.01	5	10	978	
S9614993	319503	422519	6824658	250696	SOIL	7	2	8	0.4	4	27	1	1	4	0.35	4	2	2	2	2	1	1	22	1	1	239	0.12	0.01	0.29	0.8	0.01	0.02	5	10	1792	
S9614994	319504	422574	6824653	250696	SOIL	38	9	46	0.6	65	44	1	11	29	2.42	4	5	2	2	3	5	1	28	8	3	239	0.12	0.01	0.29	0.8	0.01	0.02	5	10	577	
S9614995	319505	422632	6825052	250696	SOIL	15	4	16	0.4	23	39	1	1	6	0.4	6	2	2	2	3	1	1	22	1	1	76	0.04	0.01	0.23	0.54	0.04	0.01	5	10	1028	
S9614996	319506	422690	6825140	250696	SOIL	33	2	23	0.4	38	146	1	4	15	0.51	1	4	2	2	3	3	1	98	2	2	654	0.26	0.01	0.4	3.24	0.03	0.01	5	10	577	
S9614997	319507	422750	6825239	250696	SOIL	32	10	123	0.8	40	265	1	16	36	1.89	4	13	2	2	14	3	1	93	4	3	4881	0.43	0.01	0.56	2.34	0.03	0.04	5	10	1687	
S9614998	319508	422807	6825342	250696	SOIL	29	2	31	0.2	13	172	1	5	20	0.16	3	2	2	2	1	1	120	1	1	1348	0.27	0.01	0.17	3.26	0.04	0.01	5	8	218		
S9614999	319509	422850	6825454	250696	SED	53	6	1807	0.8	103	148	24	29	555	3.99	10	12	2	7	15	3	1	67	6	2	1130	0.26	0.01	0.32	2.09	0.03	0.02	5	10	1049	
S9615000	319510	422881	6825451	250696	SOIL	43	2	103	0.7	13	106	3	2	25	0.25	14	6	5	2	2	2	1	1	45	1	1	57	0.06	0.01	0.27	0.98	0.04	0.02	5	10	282
S9615001	319511	422920	6825515	250696	SOIL	50	2	130	0.7	13	451	4	16	31	1.08	32	7	2	2	12	2	1	99	7	3	6709	0.1	0.01	0.37	1.98	0.03	0.02	5	8	872	
S9615002	319512	422979	6825600	250696	SOIL	10	2	23	0.4	2	136	1	6	8	0.9	6	2	2	2	2	1	1	24	2	1	483	0.03	0.01	0.22	0.44	0.04	0.01	5	10	1074	
S9615003	319513	423031	6825688	250696	SOIL	24	11	124	1.3	22	234	1	3	25	1.03	8	15	2	2	26	3	1	75	7	8	122	0.1	0.01	0.34	0.23	0.01	0.03	5	10	2519	
S9615004	319514	423088	6825773	250696	SOIL	5	4	9	0.9	6	96	1	1	2	0.25	5	4	2	2	6	4	1	8	1	2	28	0.01	0.01	0.2	0.01	0.01	0.02	5	10	1340	
S9615005	319515	423138	6825861	250696	SOIL	82	24	570	2.4	41	125	6	9	85	2.62	19	13	2	19	18	1	1	49	15	5	259	0.17	0.01	0.34	0.65	0.01	0.02	5	10	1919	
S9615006	319516	423237	6825930	250696	SED	57	6	1421	0.8	149	199	23	18	302	3.28	10	14	2	2	18	3	1	74	6	3	797	0.26	0.01	0.39	2.11	0.03	0.02	5	10	1211	
S9615007	319517	422403	6825957	250696	SOIL	25	4	1487	0.8	122	217	27	42	189	5.24	26	9	2	14	13	1	1	45	4	2	263	0.06	0.01	0.3	0.68	0.03	0.01	5	10	1274	
S9615008	319518	422420	6826047	250696	SOIL	39	6	1426	4.7	179	2138	21	236	275	12.48	100	17	2	13	23	10	1	49	3	6	78940	0.01	0.01	0.82	0.78	0.03	0.01	5	10	3311	
S9615009	319519	422403	6826152	250696	SOIL	96	17	389	1.2	60	246	3	14	89	2.81	13	18	2	2	22	3	1	85	12	7	1150	0.4	0.01	0.47	1.14	0.01	0.05	5	10	3326	
S9615010	319520	422400	6826255	250696	SOIL	56	4	334	0.8	24	149	8	6	85	0.56	4	18	2	2	11	1	1	81	6	4	772	0.31	0.01	0.38	2.4	0.03	0.01	5	10	693	
S9615011	319521	422401	6826287	250696	SED	25	10	663	1.7	102	2605	3	30	177	8	18	2	2	11	3	1	175	2	4	59484	0.37	0.01	0.43	2.77	0.04	0.06	5	10	4071		
S9615012	319522	422399	6826348	250696	SOIL	83	13	286	1.3	18	441	4	11	80	2.26	10	39	2	2	37	1	1	116	15	9	1327	0.54	0.01	0.82	1.04	0.01	0.04	5	10	2593	
S9615013	319523	422398	6826453	250696	SOIL	5	2	17	0.4	13	80	1	1	6	0.23	2	4	2	2	2	1	1	30	1	1	222	0.03	0.01	0.17	0.49	0.03	0.01	5	10	661	
S9615014	319524	422401	6826559	250696	SOIL	57	11	216	0.5	38	193	1	10	46	1.73	11	12	2	2	12	1	1	111	8	6	455	0.33	0.01	0.35	3.71	0.01	0.05	5	10	4119	
S9615015	319525	422400	6826683	250696	SOIL	14	10	119	0.7	19	235	1	9	44	2.38	6	80	2	2	42	1	1	33	8	10	345	1.02	0.01	1.19	0.75	0.01	0.06	5	10	1801	
S9615016	319526	422397	6826695	250696	SOIL	24	14	79	0.6	34	31	1	16	45	2.29	11	51	2	2	31	2	1	46	7	7	1847	0.87	0.01	0.98	0.97	0.01	0.05	5	10	1612	
S9615017	319527	422401	6826865	250696	SOIL	20	7	63	0.5	25	290	1	8	34	1.69	5	39	2	2	24	1	1	49	5	5	513	0.66	0.01	0.8	1.14	0.01	0.03	5	10	1484	
S9615018	319528	422399	6826963	250696	SOIL	20	10	62	0.4	4	274	1	8	32	1.93	5	43	2	2	28	4	1	30	7	7	393	0.54	0.01	0.83	0.61	0.01	0.03	5	10	1634	
S9615019	319529	422397	6827070	250696	SOIL	48	8	75	0.5	22	522	1	10	58	2.12	13	52	2	2	30	1	1	53	10	8	546	0.64	0.01	1.08	1.21	0.03	0.04	5	10	1881	
S9615020	319530	4227175	6826965	250696	SOIL	6	11	36	0.4	1	93	1	4	13	1.8	5	22	2	2	48	1	1	199	22	0.07	0.69	0.04	0.01	0.04	0.01	5	10	1149			
S9615021	319531	422394	6826728	250696	SOIL	38	7	74	0.5	22	366	4	8	48	1.01	6	20	2	2	41	1	1	80	5	5	3770	0.41	0.01	0.6	2.06	0.04	0.02	5	10	965	
S9615022	319532	422396	6826736	250696	SOIL	32	12	101	0.4	146	225	1	5	33	2	6	21	2	2	26	1	1	41	8	7	1078	0.51	0.01	0.8	0.85	0.01	0.05	5	10	2162	
S9615023	319542	422395	6828366	250696	SOIL	65	22	179	1	239	199	2	26	36	3.7	9	9	2	2	12	1	1	89	16	6	1397	0.31	0.01	0.41	1.68	0.01	0.01	30	10	1846	
S9615033	319543	4228484	6826966	250696	SOIL	25	7	211	0.4	18	76	1	10	26	2.35	4	10	2	2	4	5	1	31	11	9	495	0.18	0.01	0.38	1.42	0.01	0.02	5	10	1708	
S9615034	319544	4228486	6826965	250696	SOIL	35	8	61	0.6	10	235	1	5	29	1.16	1	19	2	2	13	1	1	66	8	4	591	0.27	0.01	0.58	1.84	0.03	0.02	5	10	1666	
S9615035	319545	4228494	6826960	250696	SOIL	33	12	78	0.5	50	424	3	15	44	2.39	6	14	2	2	9	13	1	50	12	5	1165	0.14	0.01	0.41	1.24	0.01	0.03	14	10	2427	
S9615037	319547	422394	6826966	250696	SOIL	77	6	69	0.4	21	78	1	6	62	0.6	4	7	2	2	4	3	1	139	3	2	650	0.36	0.01	0.28	4.44	0.02	0.02	5	10	438	
S9615038	319548	422429	6825531	250696</td																																

**KZK**  
**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Bb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF
S9615074	319584	421433	6828254	260696	SOIL	39	12	90	0.4	15	438	1	16	36	1.88	5	28	2	2	23	1	1	53	10	8	1856	0.33	0.01	0.78	0.95	0.03	0.05	5	10	1929
S9615075	319585	421437	6828341	260696	SOIL	40	11	139	0.5	17	443	1	13	39	1.74	7	30	2	2	26	3	1	62	9	8	1856	0.33	0.01	0.78	0.95	0.03	0.05	5	10	1973
S9615076	319586	421429	6828459	260696	SOIL	60	13	89	0.8	20	563	1	16	44	2.26	7	31	2	2	28	1	1	56	11	8	1855	0.28	0.01	0.87	0.78	0.03	0.03	5	10	1973
S9615078	319587	421433	6828573	260696	SOIL	42	14	102	0.8	83	390	2	4	39	2.87	4	24	2	2	26	9	1	68	8	6	657	0.26	0.01	0.64	1.35	0.03	0.02	5	7	1551
S9615079	319588	421433	6828678	260696	SED	34	7	167	0.6	4	345	3	8	39	2.18	3	17	2	2	13	1	1	67	7	4	2395	0.24	0.01	0.52	1.6	0.03	0.02	5	8	1325
S9615080	319589	421432	6828840	260696	SOIL	44	9	49	0.2	6	274	2	2	20	0.72	5	20	2	2	11	1	1	54	9	5	156	0.19	0.01	0.56	1.34	0.03	0.01	5	10	1495
S9615081	319591	421428	6828961	260696	SOIL	36	11	108	0.7	160	651	1	9	35	5	16	29	2	2	46	7	1	64	10	7	1711	0.26	0.01	0.94	1.24	0.03	0.03	5	10	1904
S9615082	319592	420428	6829491	270696	SOIL	71	12	106	1.2	68	239	1	20	57	3.78	4	43	2	2	43	6	1	39	12	14	932	0.84	0.01	1.25	0.9	0.02	0.04	5	10	2288
S9615083	319593	420430	6825040	270696	SOIL	83	15	99	1.3	102	181	1	22	62	4.49	9	39	2	2	34	1	1	34	10	14	798	0.73	0.01	1.04	0.93	0.01	0.04	5	10	2739
S9615084	319594	420432	6825147	270696	SOIL	77	15	71	0.9	79	142	1	17	50	3.33	8	27	2	2	22	4	1	28	9	12	555	0.49	0.01	0.85	0.7	0.01	0.03	5	10	2675
S9615085	319595	420428	6825259	270696	SOIL	63	8	72	0.5	38	81	1	19	91	3.69	1	118	2	2	54	1	1	17	5	4	418	1.07	0.01	1.78	0.34	0.01	0.01	5	10	889
S9615086	319596	420427	6825359	270696	SOIL	46	13	57	0.7	69	216	1	10	37	2.78	14	33	2	2	22	1	1	14	5	8	253	0.3	0.01	0.76	0.27	0.01	0.02	5	10	2999
S9615087	319597	420427	6825473	270696	SOIL	63	14	95	0.6	86	146	1	16	56	3.13	3	23	2	2	16	7	1	43	8	6	308	0.23	0.01	0.54	0.61	0.03	0.02	5	10	1856
S9615088	319598	420432	6825580	270696	SOIL	30	12	78	0.2	25	42	1	14	33	2.91	4	8	2	2	4	6	1	70	7	8	422	0.33	0.01	0.32	7.97	0.01	0.02	5	10	1680
S9615089	319599	420434	6825689	270696	SOIL	16	7	47	0.6	25	143	1	9	23	3.12	3	13	2	2	8	1	1	18	9	4	487	0.27	0.01	0.77	0.48	0.01	0.01	5	10	2688
S9615090	319600	420432	6825793	270696	SOIL	65	16	105	0.6	27	572	1	12	54	2.75	5	36	2	2	23	1	1	31	11	7	226	0.4	0.01	0.69	0.78	0.01	0.02	5	10	2620
S9615091	319601	420432	6825884	270696	SOIL	87	19	113	1.3	72	240	1	12	71	2.57	7	49	2	2	40	1	1	39	16	11	133	0.67	0.01	1.05	0.98	0.01	0.05	5	10	2068
S9615092	319602	420439	6826001	270696	SOIL	48	12	119	1.1	75	312	1	15	60	5.1	7	63	2	2	36	8	1	30	10	9	489	0.8	0.01	1.12	0.65	0.01	0.03	5	10	2010
S9615093	319603	420438	6826137	270696	SED	31	2	458	0.7	50	166	1	10	107	1.34	3	9	2	2	8	1	1	26	3	3	296	0.06	0.01	0.42	0.53	0.04	0.02	5	10	1230
S9615094	319604	420441	6826190	270696	SED	49	10	1122	0.9	188	333	10	29	209	4.87	12	18	2	2	20	7	1	88	8	4	2821	0.38	0.01	0.53	0.28	0.03	0.03	5	10	1490
S9615095	319605	420440	6826225	270696	SOIL	23	4	407	0.2	23	224	2	13	73	1.3	23	7	2	6	1	1	78	2	1	2054	0.18	0.01	0.22	2.24	0.01	0.01	5	10	667	
S9615096	319606	420441	6826341	270696	SOIL	83	18	130	0.9	72	213	1	17	81	3.74	5	33	2	5	29	1	1	36	13	9	806	0.45	0.01	0.82	0.87	0.01	0.05	5	10	2234
S9615097	319607	420449	6826445	270696	SOIL	55	10	72	0.8	32	135	1	7	35	1.44	6	11	2	2	8	1	1	69	7	7	986	0.33	0.01	0.51	3	0.02	0.02	5	10	1208
S9615098	319608	420447	6826530	270696	SOIL	70	18	98	1.2	85	92	1	17	61	3.15	11	21	2	2	16	1	1	37	13	10	561	0.29	0.01	0.49	0.99	0.01	0.02	5	10	2027
S9615099	319609	420447	6826626	270696	SOIL	64	12	102	1	231	85	1	18	53	3.17	9	10	2	10	11	1	1	47	10	5	559	0.51	0.01	0.33	3.23	0.01	0.02	5	10	1856
S9615100	319610	420450	6826718	270696	SOIL	132	12	58	0.6	88	116	1	38	80	3.2	5	14	2	2	21	4	1	53	12	8	587	0.64	0.01	0.61	1.38	0.01	0.04	5	10	4492
S9615101	319611	420444	6826815	270696	SOIL	3	2	3	0.4	3	31	1	1	2	0.16	2	2	2	2	1	1	20	1	1	43	0.05	0.01	0.32	0.41	0.02	0.01	5	10	1017	
S9615102	319612	420448	6826820	270696	SOIL	72	18	139	1	35	261	1	16	58	3.01	13	23	2	2	24	1	1	46	11	7	628	0.55	0.01	0.7	1.23	0.01	0.06	5	10	2334
S9615103	319613	420455	6827018	270696	SOIL	64	18	146	0.9	38	212	1	12	59	2.81	10	29	2	2	24	1	1	64	10	8	394	0.8	0.01	0.72	1.99	0.01	0.07	5	10	2172
S9615104	319614	420455	6827113	270696	SOIL	79	17	124	1.1	76	330	1	14	59	3.54	8	25	2	11	25	3	1	49	14	7	575	0.42	0.01	0.76	0.9	0.03	0.05	5	10	2262
S9615105	319615	420451	6827215	270696	SOIL	80	16	142	1.1	33	174	1	15	60	2.83	7	29	2	2	29	3	1	45	12	9	308	0.66	0.01	0.88	0.96	0.01	0.05	5	10	2286
S9615106	319616	420471	6827985	270696	SOIL	25	10	65	1	25	308	1	27	26	2.15	17	28	2	2	22	1	1	35	7	5	2021	0.22	0.01	0.49	0.38	0.01	0.01	5	10	1748
S9615114	319614	420469	6828094	270696	SOIL	98	15	337	1.2	31	409	4	11	73	1.86	8	18	2	2	21	1	1	60	15	6	349	0.26	0.01	0.45	0.45	0.01	0.03	5	10	3187
S9615125	319625	420466	6828194	270696	SOIL	48	13	143	0.4	16	296	1	9	51	1.79	5	30	2	2	25	1	1	31	13	11	262	0.52	0.01	0.73	0.44	0.01	0.05	5	10	2663
S9615126	319626	420468	6828297	270696	SOIL	40	10	123	0.5	13	238	1	11	46	1.99	3	40	6	2	31	1	1	22	12	12	579	0.65	0.01	0.84	0.4	0.01	0.05	4	4	2123
S9615127	319627	420468	6828397	270696	SOIL	79	2	213	0.2	19	271	4	1	25	0.6	3	6	2	2	21	7	1	78	6	4	50	0.19	0.01	0.48	1.72	0.01	0.01	5	10	296
S9615128	319628	420470	6828504	270696	SOIL	14	2	16	0.5	2	232	1	4	21	0.74	6	16	2	2	12	1	1	23	5	3	608	0.19	0.01	0.49	2.05	0.03	0.03	5	10	1156

**KZK**  
**Soils and Silt Geochemistry**

Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	Wt/Au	Ba-XRF	
S9615157	327018	419426	6827043	280696	SOIL	40	12	81	0.7	43	132	1	14	69	3.74	6	37	23	2	33	1	1	33	13	13	705	0.63	0.01	1	0.61	0.01	0.05	5	10	2129	
S9615159	327019	419429	6827154	280696	SOIL	64	13	94	0.7	87	182	1	15	63	3.27	1	32	2	2	25	1	1	27	12	11	543	0.47	0.01	0.79	0.54	0.01	0.04	5	10	1948	
S9615160	327020	419420	6827252	280696	SOIL	71	16	90	1.1	70	185	1	15	64	3.37	2	31	14	2	24	3	1	39	12	15	625	0.61	0.01	0.92	1.23	0.01	0.04	5	10	1987	
S9615161	327021	419420	6827343	280696	SOIL	83	16	108	1.1	65	191	1	17	67	3.95	5	33	2	2	27	1	1	39	14	16	570	0.56	0.01	0.98	0.83	0.01	0.04	5	10	2059	
S9615162	327022	419424	6827444	280696	SOIL	86	17	129	1.1	31	378	1	17	71	3.12	2	30	1	2	26	1	1	65	12	12	600	0.67	0.01	0.87	2.18	0.01	0.08	5	10	2295	
S9615163	327023	419422	6827541	280696	SOIL	76	13	118	1.4	117	171	1	18	73	4.17	4	45	2	2	28	1	1	28	15	13	575	0.58	0.01	0.9	0.64	0.01	0.04	5	10	2445	
S9615164	327024	419421	6827641	280696	SOIL	84	17	151	1.3	58	225	1	17	69	3.4	6	30	7	2	31	1	1	44	13	13	690	0.55	0.01	0.88	0.96	0.01	0.08	5	10	2262	
S9615165	327025	419425	6827730	280696	SOIL	72	13	128	0.9	65	195	1	18	64	3.79	6	29	7	2	26	3	1	34	13	14	853	0.42	0.01	0.77	0.72	0.01	0.05	5	10	2097	
S9615166	327026	419422	6827834	280696	SOIL	84	13	164	1.3	39	286	1	18	68	3.49	4	37	5	2	38	1	1	58	13	16	541	0.77	0.01	1.04	1.37	0.01	0.11	5	10	2554	
S9615167	327027	419416	6827929	280696	SOIL	97	14	160	1.1	159	313	1	22	82	4.17	15	33	2	2	36	1	1	57	13	14	913	0.76	0.01	1.11	1.52	0.01	0.11	5	10	2663	
S9615168	327028	419423	6828028	280696	SOIL	57	12	139	0.9	53	348	1	20	55	3.86	2	34	15	5	52	1	1	49	12	12	1508	0.61	0.01	1.29	0.86	0.01	0.07	5	10	2312	
S9615169	327029	419423	6828136	280696	SOIL	58	8	124	2.2	30	292	1	12	45	3.09	5	26	20	17	32	1	1	59	12	13	448	0.6	0.01	0.9	1.01	0.01	0.08	5	10	2383	
S9615170	327030	419418	6828330	280696	SOIL	8	2	8	0.2	1	38	1	1	2	0.08	4	2	15	2	2	7	1	1	21	2	3	1190	0.27	0.01	0.43	3.75	0.04	0.03	5	10	860
S9615171	327031	419422	6828429	280696	SOIL	19	7	67	0.2	6	248	1	3	16	0.58	1	14	21	2	2	7	1	1	211	2	3	1190	0.27	0.01	0.43	3.75	0.04	0.03	5	10	1919
S9615172	327032	419419	6828525	280696	SOIL	10	2	33	0.2	4	139	1	3	10	0.58	1	8	9	2	6	1	1	58	2	3	589	0.11	0.01	0.32	0.88	0.03	0.02	5	10	1117	
S9615173	327033	419417	6828580	280696	SED	41	11	152	1.3	21	261	1	6	38	1.54	1	18	10	2	19	1	1	87	9	9	398	0.31	0.01	0.47	1.16	0.01	0.05	5	10	1819	
S9615174	327034	419417	6828629	280696	SOIL	31	12	77	0.5	1	204	1	5	23	1.34	1	15	13	2	12	1	1	98	8	10	314	0.31	0.01	0.62	1.63	0.01	0.12	12	10	1494	
S9615175	327035	419423	6828735	280696	SOIL	43	7	75	0.4	11	283	1	4	23	1.18	1	11	2	2	9	1	1	158	7	9	272	0.38	0.01	0.62	2.78	0.01	0.12	5	10	1191	
S9615176	327036	419418	6828816	280696	SOIL	6	2	21	0.2	13	65	1	1	4	0.81	2	12	2	2	10	1	1	32	1	3	61	0.12	0.01	0.3	0.45	0.02	0.05	5	10	1191	
S9615177	327037	419418	6828903	280696	SOIL	9	12	45	2.6	11	124	1	3	11	1.56	8	14	2	24	1	1	11	3	20	139	0.08	0.01	0.55	0.1	0.02	0.15	5	10	2054		
S9615178	327038	419425	6828993	280696	SOIL	10	12	51	1.3	14	140	1	5	12	1.91	2	17	8	2	22	1	1	16	4	21	198	0.19	0.01	0.65	0.15	0.01	0.16	5	10	1994	
S9615179	327039	419424	6829081	280696	SOIL	40	11	47	0.9	10	1489	1	7	25	1.59	1	24	9	5	20	1	1	146	10	11	320	0.36	0.01	0.69	1.74	0.01	0.09	5	10	3387	
S9615180	327040	419419	6829621	10796	SOIL	55	15	111	0.6	25	245	1	11	55	2.76	1	44	10	2	34	1	1	38	14	15	439	0.74	0.01	1.03	0.81	0.01	0.09	5	10	2021	
S9615181	327041	419420	6829690	10796	SOIL	41	13	98	0.8	26	401	1	8	43	2.03	1	32	8	2	23	1	1	62	8	7	370	0.56	0.01	0.82	1.57	0.01	0.07	5	10	2079	
S9615182	327042	419416	6827000	10796	SOIL	31	12	67	0.5	19	246	1	9	40	2.31	1	35	11	2	27	1	1	16	4	9	261	0.46	0.01	0.96	0.25	0.01	0.03	5	10	1938	
S9615183	327043	419414	6827115	10796	SOIL	58	16	99	0.7	25	348	1	12	59	2.78	1	38	5	2	33	1	1	30	13	12	543	0.58	0.01	1.02	0.55	0.01	0.06	5	10	2103	
S9615184	327044	419418	6827178	10796	SOIL	50	12	111	0.2	33	290	1	12	48	2.86	1	31	11	2	31	1	1	27	13	13	762	0.53	0.01	0.92	0.52	0.01	0.07	5	10	2060	
S9615185	327045	419412	6827205	10796	SOIL	64	15	110	0.7	51	376	2	10	50	2.73	2	31	2	2	27	1	1	46	13	12	338	0.47	0.01	0.98	1.36	0.04	0.06	5	10	2281	
S9615186	327046	419412	6827243	10796	SOIL	71	15	108	1	48	255	1	15	61	4.25	2	44	2	2	32	2	1	32	12	17	595	0.7	0.01	1.04	0.71	0.01	0.06	5	10	3087	
S9615187	327048	419413	6827264	10796	SOIL	68	12	126	0.9	64	267	1	15	75	3.14	5	50	2	2	35	1	1	48	11	17	468	0.93	0.01	1.14	1.76	0.01	0.09	5	10	2365	
S9615188	327049	419410	6827273	10796	SOIL	82	11	243	0.5	26	440	1	20	79	3.73	1	51	2	6	39	1	1	40	13	11	926	0.72	0.01	1.15	0.8	0.01	0.04	5	10	2281	
S9615189	327050	419414	6827809	10796	SOIL	63	16	113	0.6	37	307	1	14	69	2.89	7	46	6	2	33	1	1	33	14	13	317	0.66	0.01	1.03	0.56	0.01	0.06	5	10	2179	
S9615191	327051	419408	6827898	10796	SOIL	43	12	406	0.4	28	176	1	6	84	1.42	1	20	7	2	22	1	1	32	7	5	204	0.23	0.01	0.56	0.63	0.01	0.02	5	10	1626	
S9615192	327052	419407	6828000	10796	SOIL	61	24	126	0.8	30	238	1	11	53	2.02	1	36	17	2	29	1	1	35	11	10	267	0.52	0.01	0.62	0.69	0.01	0.05	5	10	2151	
S9615193	327053	419404	6828103	10796	SOIL	61	15	102	0.5	20	529	1	10	46	2.57	1	31	6	2	26	1	1	40	13	9	303	0.41	0.01	0.75	0.85	0.01	0.03	5	10	1792	
S9615194	327054	419404	6828287	10796	SOIL	63	15	108	0.7	61	306	1	13	56	2.73	1	29	14	2	28	1	1	39	12	8	588	0.53	0.01	0.71	0.82	0.01	0.04	5	10	2038	
S9615195	327055	419415	6828763	10796	SOIL	66	15	97	0.9	35	331	1	15	64	3.22	3	36	2	8	28	1	1	36	13	10	644	0.48	0.01	0.8							

**KZK**  
Soils and Silt Geochemistry

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF	
S9615240	327101	417897	6830617	70798	SOIL	114	18	113	1.1	54	508	1	9	61	2.65	1	39	16	2	35	1	1	99	38	18	658	0.57	0.01	1.01	2.41	0.01	0.09	5	10	2134	
S9615241	327102	417892	6830702	70798	SOIL	54	2	29	0.6	17	1053	1	5	21	1.55	1	15	17	2	16	1	1	92	8	4	556	0.19	0.01	0.62	3.18	0.01	0.04	5	10	2065	
S9615242	327103	417893	6830798	70798	SOIL	27	4	26	0.2	13	510	1	2	16	0.68	1	12	2	2	9	1	1	103	5	6	225	0.21	0.01	0.51	2.69	0.01	0.04	5	10	1441	
S9615243	327104	417897	6830887	70798	SOIL	39	19	88	0.2	20	294	1	7	33	1.98	1	30	13	2	27	1	1	34	15	10	127	0.46	0.01	0.83	0.76	0.01	0.08	5	10	1757	
S9615245	327105	417890	6830985	70798	SOIL	43	21	29	0.6	4	900	1	3	12	1.14	15	16	2	2	13	1	4	36	51	117	394	0.12	0.01	0.7	1.03	0.01	0.04	5	10	2814	
S9615246	327106	417905	6831110	70798	SOIL	33	17	83	0.4	17	242	1	6	28	1.96	1	23	15	7	18	1	1	28	12	14	422	0.37	0.01	0.63	0.64	0.01	0.08	5	10	1864	
S9615247	327107	417918	6831208	70798	SOIL	32	11	62	0.8	14	413	1	4	25	1.25	3	16	2	2	12	1	1	81	9	8	589	0.23	0.01	0.54	2.11	0.01	0.05	5	10	1660	
S9615248	327108	417934	6831303	70798	SOIL	48	15	108	0.9	22	283	1	4	50	1.83	5	21	16	2	11	1	1	88	12	6	306	0.33	0.01	0.52	2.03	0.01	0.06	5	10	2102	
S9615249	327109	417944	6831407	70798	SOIL	50	16	109	0.8	33	242	1	8	47	2.56	1	37	11	2	23	1	1	39	15	11	479	0.55	0.01	0.82	0.62	0.01	0.06	5	10	1981	
S9615250	327110	417963	6831503	70798	SOIL	43	9	75	0.4	19	440	1	3	20	1.15	1	16	13	2	11	1	1	120	14	12	283	0.27	0.01	0.71	2.11	0.01	0.04	5	10	1487	
S9615251	327111	417963	6831598	70798	SOIL	34	20	60	0.2	27	251	1	10	32	2.42	1	33	14	2	30	1	2	25	5	11	454	0.82	0.01	1.08	0.34	0.01	0.07	5	10	2319	
S9615252	327112	417968	6831708	70798	SOIL	31	11	79	0.5	23	208	1	8	37	2.3	1	28	11	2	34	1	1	22	10	14	234	0.54	0.01	0.88	0.33	0.01	0.06	20	10	1853	
S9615253	327113	418007	6831766	70798	SOIL	34	20	116	0.5	11	249	1	10	33	2.35	4	25	9	2	19	1	1	55	12	13	1412	0.48	0.01	0.87	1.25	0.01	0.1	5	10	1514	
S9615254	327114	418013	6831818	70798	SOIL	17	11	47	0.4	7	202	1	4	16	1.37	1	20	10	2	12	3	1	22	11	13	237	0.37	0.01	0.68	0.36	0.01	0.1	5	10	1775	
S9615255	327115	418023	6831912	70798	SOIL	70	17	70	0.2	9	323	1	8	29	2.39	3	31	6	2	24	5	1	65	20	21	377	0.58	0.01	0.96	1.37	0.01	0.1	5	10	1880	
S9615256	327116	418036	6832007	70798	SOIL	36	29	57	0.6	18	417	1	11	20	2.56	1	32	23	2	25	1	1	15	8	15	469	0.81	0.01	1.2	2.28	0.01	0.07	5	10	2608	
S9615257	327117	418049	6832087	70798	SOIL	28	13	60	0.2	12	240	1	5	25	1.88	2	21	2	7	16	1	1	73	8	10	512	0.37	0.01	0.79	1.62	0.01	0.08	5	10	1353	
S9615258	327118	418084	6832175	70798	SOIL	24	18	48	0.6	1	139	1	6	20	1.97	1	21	22	2	19	1	6	38	5	7	398	0.36	0.01	0.63	0.77	0.01	0.05	5	10	1470	
S9615259	327119	418086	6832248	70798	SOIL	41	29	112	0.4	32	158	1	7	37	2.64	1	29	17	2	33	1	1	51	13	10	354	0.52	0.01	0.89	0.98	0.01	0.07	5	10	1494	
S9615260	327120	418083	6832285	70798	SOIL	48	13	72	0.2	6	195	1	3	35	0.91	1	11	13	2	9	1	1	141	7	5	752	0.25	0.01	0.49	3.22	0.03	0.04	5	10	798	
S9615261	327121	418088	6832368	70798	SOIL	40	20	54	0.2	10	333	1	12	42	1.99	1	30	7	2	20	1	1	106	9	6	821	0.33	0.01	0.71	2.62	0.01	0.05	5	10	1238	
S9615263	327122	418111	6832473	70798	SOIL	60	36	103	0.6	39	127	1	11	38	3.22	3	25	9	2	21	1	5	25	11	12	457	0.45	0.01	0.72	0.42	0.01	0.05	5	10	1471	
S9615264	327123	418128	6832580	70798	SOIL	17	16	48	0.2	15	423	1	8	27	2.23	1	28	2	2	23	1	7	12	4	7	536	0.31	0.01	0.85	0.15	0.01	0.05	5	10	1986	
S9615265	327124	418138	6832667	70798	SOIL	28	12	75	0.7	17	190	1	8	37	2.12	8	28	2	2	22	2	2	24	10	11	419	0.47	0.01	0.63	0.44	0.01	0.04	5	10	1478	
S9615266	327125	418139	6832702	70798	SOIL	25	8	100	0.5	1	276	1	5	30	1.52	1	21	8	2	19	1	2	65	7	6	1109	0.42	0.01	0.66	1.51	0.01	0.06	5	10	1479	
S9615268	327126	418156	6832775	70798	SOIL	12	7	28	0.2	19	59	1	2	12	2.18	4	15	19	2	37	1	10	4	1	6	160	0.1	0.01	0.59	0.05	0.01	0.03	5	10	1083	
S9615269	327127	416993	6830994	40798	SOIL	37	12	110	0.2	11	185	1	7	31	2.19	2	22	19	2	22	1	1	25	6	10	362	0.32	0.01	0.7	0.3	0.01	0.06	5	10	1739	
S9615270	327128	417001	6830895	40798	SOIL	33	11	92	0.2	17	434	1	7	26	2.03	1	23	8	2	27	1	1	33	4	7	496	0.29	0.01	0.75	0.52	0.01	0.06	5	10	2075	
S9615271	327130	417030	6830825	40798	SOIL	37	10	96	0.7	16	211	1	8	40	2.38	5	25	11	2	21	1	1	26	10	9	308	0.39	0.01	0.77	0.48	0.01	0.07	5	10	1886	
S9615272	327131	417031	6830885	40798	SOIL	38	7	62	0.4	15	218	1	7	35	1.7	11	20	14	16	21	1	1	35	9	6	254	0.41	0.01	0.62	0.81	0.01	0.06	5	10	1853	
S9615273	327132	417035	6830597	40798	SOIL	31	7	73	0.5	25	180	1	5	26	1.69	13	19	2	30	19	1	2	6	34	8	6	237	0.31	0.01	0.56	0.83	0.02	0.04	5	10	1751
S9615281	327141	417049	6830009	40798	SOIL	39	6	86	0.2	23	231	1	8	37	2.03	15	24	2	16	23	3	1	50	10	12	398	0.55	0.01	0.65	1.65	0.01	0.06	5	10	1814	
S9615282	327142	417047	6832978	40798	SOIL	39	2	88	0.6	38	255	1	8	36	2.27	12	27	2	11	25	8	1	44	10	9	485	0.41	0.01	0.81	0.99	0.04	0.06	5	10	1744	
S9615283	327143	417063	6832883	40798	SOIL	32	8	82	0.8	62	184	1	9	29	2.55	10	28	7	21	29	3	1	38	8	9	503	0.42	0.01	0.78	0.78	0.03	0.05	5	10	1763	
S9615284	327144	417066	6832870	40798	SOIL	42	2	93	0.9	41	216	1	10	40	2.5	9	30	2	7	28	4	1	43	9	10	352	0.46	0.01	0.89	0.92	0.03	0.07	5	10	1783	
S9615285	327145	417069	6832594	40798	SOIL	44	10	96	0.7	27	245	1	10	48	2.05	11	31	2	34	32	3	1	54	11	15	393	0.81	0.01	0.99	0.96	0.01	0.1	5	10	2282	
S9615287	327147	417077	6822486	40798	SOIL	42	10	103	1	26	275	1	5	30	2.05	15	29	2	17	25	3	1	48	10	12	153	0.52	0.01	0.86	1.17	0.04	0.08	5	10		

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**Soils and Silt Geochemistry**

Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF
S9615323	327183	416004	6831591	50798	SOIL	37	9	121	1	20	251	1	8	26	2.06	13	22	2	16	28	1	1	50	10	536	0.36	0.01	0.78	0.63	0.01	0.07	5	10	2021	
S9615324	319652	422871	6824527	250698	SOIL	25	8	23	0.9	8	137	1	3	10	0.91	7	7	2	7	9	3	1	65	2	2	113	0.09	0.01	0.47	1.66	0.03	0.01	5	10	798
S9615325	319653	422863	6824619	250698	SOIL	32	2	43	0.4	11	110	1	3	10	0.57	13	5	5	24	3	1	104	2	3	360	0.25	0.01	0.35	2.88	0.03	0.01	5	10	437	
S9615326	319654	422865	6824728	250698	SOIL	54	8	58	0.7	34	94	1	12	23	2.2	5	9	2	2	10	1	1	55	6	2	803	0.19	0.01	0.43	1.51	0.01	0.01	5	10	1328
S9615327	319655	422866	6824852	250698	SOIL	87	14	75	1.2	299	63	1	17	33	2.83	3	6	2	7	8	2	1	69	5	2	384	0.22	0.01	0.27	2.16	0.03	0.01	5	10	1306
S9615328	319656	422865	6824926	250698	SOIL	15	6	16	0.2	88	59	1	7	5	0.91	6	4	2	16	3	1	1	22	2	1	615	0.06	0.01	0.27	0.63	0.01	0.01	5	10	1131
S9615329	319657	422858	6825032	250698	SOIL	29	2	60	0.2	40	297	1	11	21	1.24	9	5	2	2	6	6	1	90	3	3	3278	0.15	0.01	0.5	2.38	0.01	0.01	5	10	1002
S9615330	319659	422858	6825020	250698	SOIL	43	2	588	1.1	30	690	3	6	205	10.74	12	6	2	24	10	23	1	193	2	1	576	0.21	0.01	0.11	3.03	0.03	0.01	5	10	1163
S9615331	319660	422850	6825425	250698	SOIL	8	2	11	0.7	2	65	1	1	1	0.18	7	2	2	2	13	1	1	12	1	1	19	0.01	0.01	0.13	0.18	0.03	0.01	5	10	1138
S9615332	319661	422849	6825728	250698	SOIL	7	2	5	0.2	1	54	1	1	2	0.1	7	2	11	5	1	1	35	2	1	279	0.04	0.01	0.13	0.6	0.01	0.01	5	10	980	
S9615333	319662	422848	6825812	250698	SOIL	12	2	12	0.2	1	237	1	1	7	0.12	6	2	2	9	2	4	1	186	1	1	317	0.1	0.01	0.16	3.65	0.03	0.01	5	10	586
S9615334	319663	422844	6826118	250698	SOIL	38	11	382	0.6	35	170	1	8	74	1.84	10	18	2	7	18	1	1	31	7	5	230	0.24	0.01	0.37	0.27	0.01	0.02	5	10	2351
S9615335	319664	422844	6826214	250698	SOIL	118	13	416	1	50	334	2	8	80	2.43	15	16	2	28	24	15	1	57	15	7	405	0.16	0.01	0.39	0.33	0.01	0.03	5	10	3212
S9615336	319665	422847	6826610	250698	SOIL	67	16	111	0.6	127	234	1	9	50	2.2	13	29	12	24	17	1	1	32	12	7	351	0.3	0.01	0.5	0.26	0.01	0.03	5	10	1877
S9615337	319666	422842	6826712	250698	SOIL	11	8	40	0.4	15	88	1	5	17	1.61	11	25	6	22	27	1	1	4	1	3	214	0.26	0.03	0.68	0.04	0.01	0.01	5	10	1424
S9615338	319669	422838	6826811	250698	SOIL	41	12	73	0.2	1	315	1	9	57	1.81	16	49	2	5	27	1	1	26	11	8	312	0.6	0.01	0.78	0.55	0.01	0.04	5	10	1979
S9615339	319670	422837	6827003	250698	SOIL	5	2	18	0.4	1	48	1	2	7	0.7	5	15	14	21	14	1	1	3	2	2	87	0.13	0.01	0.27	0.03	0.01	0.01	5	10	1274
S9615340	319671	422834	6827101	250698	SOIL	16	8	40	0.4	4	361	1	4	18	1.37	7	26	2	11	19	1	1	12	3	4	160	0.19	0.01	0.68	0.18	0.01	0.02	5	10	2460
S9615341	319672	422833	6827200	250698	SOIL	2	2	4	0.4	8	36	1	1	1	0.15	7	4	2	2	4	1	1	2	1	1	38	0.01	0.01	0.15	0.03	0.01	0.01	5	10	1158
S9615342	319673	422833	6827411	250698	SOIL	3	4	13	0.5	11	52	1	1	3	0.5	8	9	2	2	15	1	1	3	2	2	58	0.07	0.01	0.24	0.04	0.01	0.01	5	10	1388
S9615343	319674	422832	6827508	250698	SOIL	48	8	116	0.7	29	293	1	8	28	1.63	16	18	10	2	18	4	1	40	7	4	196	0.14	0.01	0.43	0.26	0.01	0.02	5	10	2687
S9615344	319675	422827	6827897	250698	SOIL	26	12	72	0.2	15	114	1	4	15	1.26	8	10	2	27	7	1	1	35	7	5	140	0.18	0.01	0.42	1.18	0.01	0.01	5	10	1479
S9615345	319676	422824	6827998	250698	SOIL	25	9	88	0.4	16	79	1	9	19	2.47	10	10	11	20	6	1	1	22	7	8	182	0.21	0.01	0.51	0.59	0.01	0.01	5	10	1900
S9615346	319677	422824	6828094	250698	SOIL	40	9	50	0.5	25	122	1	5	15	1.47	7	11	2	17	13	10	1	58	8	4	68	0.23	0.01	0.6	0.85	0.01	0.01	5	10	2499
S9615347	319678	422828	6828294	250698	SOIL	34	21	143	0.6	150	263	1	9	40	2.15	9	27	2	28	21	1	1	30	3	7	630	0.32	0.01	0.58	0.44	0.01	0.02	15	10	2369
S9615348	319679	422821	6828390	250698	SOIL	6	5	5	1.5	1	41	1	1	1	0.15	2	2	2	7	1	1	1	19	2	2	38	0.03	0.01	0.16	0.44	0.01	0.01	5	10	983
S9615349	319680	422821	6828530	250698	SOIL	47	12	120	0.2	26	194	1	7	30	1.95	7	20	2	7	15	1	4	31	10	6	454	0.23	0.01	0.41	0.45	0.01	0.01	5	10	1866
S9615350	319681	422819	6828596	250698	SOIL	11	2	22	0.2	5	62	1	1	7	0.4	7	2	8	11	1	1	35	2	2	108	0.06	0.01	0.19	1.02	0.01	0.01	5	10	1115	
S9615351	319682	422820	6828691	250698	SOIL	57	12	132	0.2	68	311	1	11	41	2.16	9	20	7	16	19	1	1	73	10	5	1648	0.25	0.01	0.44	2.11	0.03	0.02	5	10	1907
S9615352	319683	422821	6828734	250698	SOIL	130	12	286	1.2	116	71	1	22	60	3.66	13	8	2	15	16	9	1	39	11	3	706	0.1	0.01	0.31	0.83	0.01	0.01	5	10	1722
S9615353	319684	421933	6828900	250698	SOIL	95	15	95	0.5	184	104	1	18	54	3.58	20	15	7	16	1	1	314	0.26	0.01	0.45	1.89	0.03	0.01	5	10	1832				
S9615354	319685	421933	6828930	250698	SOIL	57	12	100	1.3	140	108	1	7	26	2.5	10	20	12	2	16	5	1	61	6	3	560	0.41	0.01	0.58	1.88	0.01	0.01	5	10	4229
S9615355	319686	421933	6828923	250698	SOIL	715	27	255	2.7	234	30	7	18	92	4.1	24	14	2	14	80	12	2	160	25	5	495	0.7	0.01	0.42	2.02	0.01	0.04	5	10	2186
S9615356	319686	421934	6828625	250698	SOIL	80	14	327	1.1	46	341	1	6	54	2.12	10	19	2	16	24	5	1	71	7	3	2524	0.2	0.01	0.37	1.45	0.01	0.01	5	10	1604
S9615356	319686	421934	6828624	250698	SOIL	54	8	1163	0.4	117	345	14	27	255	3.46	15	14	6	2	18	3	1	71	7	3	455	0.31	0.01	0.81	0.56	0.01	0.06	5	10	2774
S9615357	319687	421937	6828620	250698	SOIL	86	19	166	1.4	32	567	1	6	39	2.06	11	26	2	20	31	5	1	75	11	7	455	0.31	0.01	0.81	0.56	0.01	0.06	5	10	2085
S9615358	319687	421937	6828620	250698	SOIL	86	13	193	1.2	53	445	1	9	54	2.4	19	27	2	14	29	21	2	69	14	7	423	0.27	0.01	0.65	0.48	0.01	0.04	5	10	2902
S9615359	319688	421936	6828672	250698	SOIL	50	12	113																											

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt Au	Be-XRF	
S9615408	319737	420930	6828707	270696	SOIL	3	2	5	0.2	1	35	1	1	0.11	8	2	2	1	1	2	10	1	1	7	0.01	0.09	0.12	0.01	0.01	5	10	901				
S9615407	319738	418933	6828816	270696	SOIL	53	12	119	0.4	7	395	1	1	9	65	2.14	6	42	2	15	33	2	1	32	13	11	263	0.49	0.01	0.89	0.46	0.01	0.02	5	10	2598
S9615409	319739	420933	6828913	270696	SOIL	40	10	89	0.8	8	414	1	10	59	2.13	10	48	2	21	34	4	1	35	12	10	439	0.55	0.01	1.25	1.83	0.01	0.09	5	10	2224	
S9615410	319740	418934	6824924	280696	SOIL	52	9	138	0.8	8	535	1	4	40	1.83	8	32	6	2	23	1	1	64	28	16	208	0.48	0.01	1.04	0.85	0.01	0.1	5	10	1822	
S9615411	319741	418933	6825091	280696	SOIL	51	10	130	0.5	10	428	1	11	56	2.36	11	40	2	2	36	1	1	36	18	14	498	0.56	0.01	1.04	0.85	0.01	0.1	5	10	2162	
S9615412	319743	418934	6825177	280696	SOIL	28	11	93	0.2	1	245	1	5	26	1.55	7	27	2	2	32	1	1	38	16	13	747	0.49	0.01	1	0.98	0.01	0.09	5	10	2084	
S9615413	319744	418934	6825272	280696	SOIL	28	9	100	1.1	26	262	1	9	35	2.19	7	30	14	8	27	1	7	29	9	10	553	0.45	0.01	0.85	0.76	0.01	0.05	5	10	1805	
S9615414	319745	418934	6823354	280696	SOIL	30	12	97	0.2	18	234	1	6	29	1.66	4	30	9	8	27	1	1	31	12	11	130	0.46	0.01	0.8	0.77	0.01	0.06	5	10	1698	
S9615415	319746	418934	6825397	280696	SED	19	9	101	0.2	99	222	1	9	43	3.13	4	27	6	12	20	1	8	33	8	9	1457	0.47	0.02	0.87	0.81	0.01	0.07	5	10	1520	
S9615416	319747	418931	6825467	280696	SOIL	18	2	44	0.4	25	256	1	2	15	0.72	8	7	12	2	6	8	1	62	2	4	862	0.18	0.01	0.48	2.33	0.01	0.01	5	10	931	
S9615417	319748	418929	6825570	280696	SOIL	20	2	83	0.4	261	568	1	3	15	7.4	7	6	8	5	9	13	9	8	62	2	4	1716	0.18	0.01	0.36	1.83	0.03	0.01	5	10	1209
S9615418	319749	418929	6825666	280696	SOIL	40	4	45	0.2	11	195	1	2	14	0.53	8	4	2	21	3	1	1	59	3	4	438	0.14	0.01	0.44	2.02	0.04	0.01	5	10	815	
S9615419	319750	418928	6825777	280696	SOIL	27	2	45	0.2	7	294	1	1	11	0.52	6	5	11	2	4	2	2	109	3	4	161	0.16	0.01	0.38	3.62	0.03	0.01	5	10	804	
S9615420	319751	418932	6825877	280696	SOIL	43	11	66	0.4	90	211	1	7	34	2.76	12	26	2	13	27	5	6	25	11	11	199	0.46	0.01	0.86	0.53	0.01	0.02	5	10	2241	
S9615421	319752	418924	6825973	280696	SOIL	53	12	85	0.5	33	152	1	14	55	3.32	13	28	6	2	24	1	5	19	13	15	337	0.46	0.01	0.78	0.43	0.01	0.03	5	10	2248	
S9615422	319753	418925	6826073	280696	SOIL	43	14	65	0.2	47	114	1	11	37	2.39	11	23	2	16	23	1	3	19	10	12	318	0.4	0.01	0.68	0.38	0.01	0.01	5	10	2158	
S9615423	319754	418927	6826170	280696	SOIL	61	12	145	0.4	132	200	1	15	52	3.06	5	20	2	18	19	8	5	50	10	12	865	0.4	0.01	0.67	2.41	0.01	0.02	5	10	2658	
S9615424	319755	418931	6826270	280696	SOIL	83	18	119	0.7	62	211	1	20	59	3.83	13	27	9	12	31	1	1	26	14	14	778	0.49	0.01	0.83	0.6	0.01	0.08	5	10	2400	
S9615425	319756	418924	6826334	280696	SOIL	50	13	88	0.4	40	209	1	10	43	2.59	14	26	2	14	25	1	7	32	8	8	464	0.47	0.01	0.72	0.6	0.01	0.05	5	10	2140	
S9615426	319757	418917	6826471	280696	SOIL	32	5	66	0.2	12	225	1	2	19	0.69	4	9	6	2	7	13	4	67	3	3	271	0.21	0.01	0.4	2.33	0.02	0.01	5	10	1150	
S9615427	319758	418923	6826569	280696	SOIL	17	12	54	0.5	29	115	1	6	19	2.36	7	21	2	23	25	1	1	6	2	7	314	0.25	0.01	0.74	0.08	0.01	0.01	5	10	1882	
S9615428	319759	418922	6826667	280696	SOIL	78	12	76	0.2	69	182	1	17	45	3.58	15	27	6	2	34	7	8	28	12	13	328	0.48	0.01	0.87	0.59	0.01	0.02	5	10	2748	
S9615429	319760	418917	6826775	280696	SOIL	73	13	96	0.7	42	320	1	16	51	2.88	7	20	9	11	26	2	8	38	11	10	597	0.5	0.01	0.81	1.1	0.01	0.02	5	10	2457	
S9615430	319761	418921	6826868	280696	SOIL	55	16	88	0.9	63	287	1	14	45	3.05	6	30	10	20	25	10	8	28	10	10	345	0.45	0.01	0.77	0.89	0.01	0.02	5	10	2548	
S9615431	319762	418919	6826865	280696	SOIL	23	15	70	0.5	34	116	1	7	26	3.25	7	37	2	21	31	1	4	45	4	7	222	0.31	0.01	0.61	2.68	0.01	0.02	5	10	2451	
S9615432	319763	418915	6826702	280696	SOIL	54	13	88	0.6	36	275	1	10	49	2.5	13	29	11	12	24	1	4	25	12	8	367	0.45	0.01	0.74	0.49	0.01	0.04	5	10	2363	
S9615433	319764	418910	6827159	280696	SOIL	81	12	99	0.6	22	279	1	12	58	2.48	14	30	2	12	25	1	1	39	11	8	651	0.57	0.01	0.73	1.81	0.01	0.04	5	10	2080	
S9615434	319765	418905	6827477	280696	SOIL	62	17	162	0.8	42	278	1	13	63	2.81	8	26	7	14	24	1	1	37	12	8	618	0.38	0.01	0.67	0.85	0.01	0.03	5	10	2074	
S9615435	319766	418904	6827567	280696	SOIL	82	19	132	0.6	78	197	1	14	78	3.14	11	41	5	10	28	1	13	10	10	10	585	0.5	0.01	0.77	0.53	0.01	0.06	5	10	2169	
S9615437	319768	418904	6827665	280696	SOIL	2	2	5	0.2	1	13	1	1	1	0.08	2	9	2	1	2	1	1	4	1	1	13	0.01	0.01	0.08	0.06	0.01	0.01	5	10	975	
S9615438	319769	418904	6827698	280696	SOIL	38	9	96	0.8	129	257	1	10	54	3.47	9	26	11	5	23	8	1	8	8	8	2410	0.53	0.01	0.7	7.59	0.01	0.04	-1	-1	1666	
S9615447	319776	418924	6826516	280696	SOIL	47	12	300	0.5	48	373	2	37	77	4.65	11	35	5	6	34	4	1	25	12	11	4254	0.59	0.01	0.89	0.63	0.01	0.05	-1	-1	2336	
S9615448	319775	418920	6826417	280696	SOIL	41	13	86	0.2	46	443	1	10	41	1.98	8	26	6	7	26	1	2	65	12	10	1122	0.43	0.01	0.77	1.81	0.01	0.03	-1	-1	1717	
S9615449	319780	418428	6826324	280696	SOIL	25	15	90	0.4	23	239	1	8	32	1.52	9	25	10	2	27	1	1	20	10	9	234	0.43	0.01	0.8	0.41	0.01	0.04	-1	-1	1792	
S9615450	319781	418427	6826282	280696	SOIL	44	14	94	0.2	15	407	1	6	34	1.06	13	29	7	2	30	1	2	40	24	16	228	0.43	0.01	0.92	1.12	0.01	0.04	-1	-1	1857	
S9615451	319782	418426	6826111	280696	SOIL	32	13	57	0.2	12	585	1	7	31	1.68	5	23	5	2	27	1	1	53	16	8	800	0.32	0.01	0.78	1.59	0.01	0.02	-1	-1	1892	
S9615452	319783	418426	6826251	280696	SOIL	29	14	83	0.2	5	256	1	8	30	1.72	3	26	2	2	30	1	1	30	9	9	799	0.42	0.01	0.73	0.79	0.01	0.03	-1	-1		

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WTu	Be-XRF	
S9615489	319820	416373	6820496	30798	SOIL	33	2	97	0.8	38	571	2	10	44	0.79	7	8	2	6	11	1	110	4	3	7240	0.21	0.01	0.45	2.14	0.03	0.02	-1	-1	1417		
S9615490	319821	416386	6829599	30798	SOIL	60	10	108	0.9	61	356	1	7	48	2.21	1	27	9	10	26	4	1	39	12	10	174	0.34	0.01	0.78	0.47	0.01	0.08	-1	-1	2206	
S9615491	319822	416370	6829697	30798	SOIL	24	2	53	0.5	268	152	1	3	20	1.22	1	10	2	2	13	15	1	19	2	6	126	0.07	0.01	0.29	0.19	0.02	0.05	-1	-1	1495	
S9615492	319823	416369	6829803	30798	SOIL	58	11	127	1.2	49	267	1	10	48	2.38	4	39	9	2	26	2	1	44	9	10	553	0.4	0.01	0.7	0.35	0.01	0.07	-1	-1	2265	
S9615493	319824	416371	6829905	30798	SOIL	98	11	177	1.3	109	432	1	11	59	3.17	6	29	6	2	25	1	1	52	11	9	503	0.29	0.01	0.69	0.27	0.01	0.08	-1	-1	2416	
S9615494	319825	416374	6829997	30798	SOIL	53	2	67	1.2	25	462	1	6	37	1.09	1	12	2	2	10	14	1	77	8	6	1439	0.18	0.01	0.56	1.17	0.04	0.03	-1	-1	1597	
S9615495	319826	416365	6830102	30798	SOIL	42	7	63	0.9	31	285	1	7	43	1.88	1	26	2	2	21	24	1	40	8	9	455	0.36	0.01	0.71	0.51	0.01	0.08	-1	-1	1838	
S9615496	319827	416370	6830110	30798	SOIL	77	14	142	1.1	70	252	1	11	51	3.31	1	38	6	14	29	17	1	43	14	11	535	0.41	0.01	0.77	0.55	0.01	0.12	-1	-1	2408	
S9615497	319828	416374	6830307	30798	SOIL	59	8	145	1.3	60	511	1	6	42	2	1	33	2	17	21	10	1	89	11	7	1242	0.43	0.01	0.68	1.89	0.03	0.11	-1	-1	1919	
S9615498	319829	416370	6830403	30798	SOIL	34	5	67	0.6	107	82	1	5	24	1.68	2	13	2	8	21	3	1	11	2	7	125	0.07	0.01	0.33	0.05	0.01	0.06	-1	-1	1616	
S9615499	319830	416370	6830508	30798	SOIL	2	2	3	0.2	1	28	1	1	3	0.12	1	2	2	2	1	8	1	4	1	1	13	0.01	0.01	0.08	0.02	0.01	0.01	-1	-1	1150	
S9615500	319831	416375	6830607	30798	SOIL	60	7	97	0.8	45	323	1	7	33	1.98	1	21	8	2	19	3	1	76	10	7	638	0.31	0.01	0.74	1.88	0.03	0.09	-1	-1	1641	
S9615501	319832	416374	6830702	30798	SOIL	40	8	77	0.5	69	153	1	7	26	2.81	1	14	2	2	34	2	1	12	3	7	299	0.07	0.01	0.7	0.04	0.01	0.06	-1	-1	1503	
S9615502	319833	416362	6830808	30798	SOIL	60	5	118	0.7	70	1076	1	14	50	3.64	1	30	8	51	6	1	24	12	7	413	0.62	0.01	0.98	0.39	0.01	0.09	-1	-1	4802		
S9615503	319834	416388	6830905	30798	SOIL	14	9	47	0.6	26	211	1	4	16	1.28	1	12	2	2	16	11	1	9	3	5	150	0.15	0.01	0.48	0.1	0.01	0.04	-1	-1	1748	
S9615504	319835	416362	6830999	30798	SOIL	86	11	100	1.1	26	411	1	11	49	2.51	4	20	2	2	23	18	1	30	19	12	527	0.52	0.01	0.9	0.64	0.01	0.1	-1	-1	2590	
S9615505	319837	416363	6831124	30798	SOIL	28	8	64	2.3	26	303	1	7	37	1.71	1	22	2	2	15	10	1	5	388	0.27	0.01	0.57	0.58	0.01	0.05	-1	-1	1002			
S9615506	319838	416366	6831299	30798	SOIL	34	5	77	0.8	22	499	1	5	28	0.98	1	19	2	2	11	8	1	141	6	5	469	0.31	0.01	0.58	3.54	0.03	0.03	-1	-1	1381	
S9615507	319839	416385	6831385	30798	SOIL	33	14	103	1.2	24	150	1	9	45	2.18	8	97	2	2	35	11	1	34	14	12	300	1.04	0.01	0.96	0.67	0.01	0.04	-1	-1	2011	
S9615508	319840	416369	6831499	30798	SOIL	60	29	148	1.1	12	280	1	11	58	3.58	5	39	2	2	23	12	1	31	20	13	416	0.7	0.01	1.11	0.46	0.01	0.03	-1	-1	2710	
S9615509	319841	416363	6831603	30798	SOIL	33	6	78	0.6	20	367	1	7	5	26	1.45	1	24	2	2	17	15	1	68	9	10	254	0.39	0.01	0.79	1.1	0.01	0.05	-1	-1	1742
S9615510	319842	416371	6831698	30798	SOIL	46	2	63	0.8	4	457	1	2	22	0.3	1	5	2	5	3	9	1	225	9	9	216	0.2	0.01	0.36	4.73	0.04	0.02	-1	-1	782	
S9615511	319843	416367	6831804	30798	SOIL	33	15	72	0.5	31	223	1	6	30	2.02	1	22	2	2	22	11	1	23	9	11	256	0.37	0.01	0.68	0.33	0.01	0.04	-1	-1	2028	
S9615512	319836	416387	6831895	30798	SOIL	45	17	107	0.4	27	139	1	10	48	2	3	29	2	2	48	33	1	39	13	11	379	0.4	0.01	0.65	0.78	0.01	0.05	-1	-1	1524	
S9615513	319844	416386	6831990	30798	SOIL	30	10	70	0.9	21	288	1	7	30	1.41	1	21	2	2	15	18	1	74	9	8	412	0.29	0.01	0.54	1.44	0.01	0.03	-1	-1	1490	
S9615514	319845	416384	6832090	30798	SOIL	48	21	60	0.7	31	409	1	8	37	2.27	7	25	2	2	20	39	1	29	26	30	500	0.39	0.01	0.81	0.45	0.01	0.07	-1	-1	2021	
S9615515	319846	416361	6832184	30798	SOIL	36	13	78	0.6	24	211	1	8	35	1.83	1	20	7	2	17	6	1	26	13	12	380	0.36	0.01	0.55	0.45	0.01	0.05	-1	-1	1703	
S9615516	319847	416370	6832305	30798	SOIL	24	9	80	0.8	9	103	1	8	37	1.73	5	27	2	2	23	1	1	26	9	11	277	0.44	0.01	0.56	0.5	0.01	0.06	-1	-1	1413	
S9615517	319848	416367	6832448	30798	SOIL	23	10	80	0.2	10	122	1	7	33	1.72	2	24	5	2	21	3	1	25	9	10	202	0.43	0.01	0.58	0.48	0.01	0.06	-1	-1	1403	
S9615518	319849	417403	6831001	40796	SOIL	25	13	113	0.7	18	151	1	10	31	2.19	1	25	2	2	23	12	1	21	10	12	564	0.45	0.01	0.63	0.42	0.01	0.06	-1	-1	1497	
S9615519	319850	417438	6831112	40796	SOIL	45	17	90	0.4	21	237	1	9	38	2.35	3	23	2	2	10	11	1	548	0.4	0.01	0.73	0.47	0.01	0.07	-1	-1	1678				
S9615520	319851	417452	6831196	40796	SOIL	35	7	80	0.8	34	350	1	10	37	2.08	1	25	2	2	23	8	1	25	9	10	806	0.37	0.01	0.74	0.42	0.01	0.07	-1	-1	1668	
S9615521	319860	417438	6831930	40796	SOIL	20	8	90	0.6	2	197	1	6	32	1.51	3	25	2	2	23	12	1	22	8	11	141	0.47	0.01	0.83	0.34	0.01	0.06	-1	-1	1726	
S9615530	319861	417473	6832000	40796	SOIL	38	7	86	0.8	32	329	1	7	29	2.05	4	29	2	2	26	10	1	34	10	8	334	0.44	0.01	0.82	0.8	0.01	0.06	-1	-1	1672	
S9615531	319862	417436	6832089	40796	SOIL	18	12	72	0.5	9	265	1	8	29	2.27	1	27	8	2	26	1	1	7	3	9	265	0.41	0.01	0.96	0.32	0.01	0.1	-1	-1	1662	
S9615532	319863	417436	6832278	40796	SOIL	30	16	87	0.5	20	174	1	9	39	2.45	5	30	8	2	29	27	1	23	11	18	827	0.54	0.01	0.96	0.32	0.01	0.1	-1	-1	1728	
S9615540	319871	417442	68323901	40796	SOIL	25	7	73	0.7	15	327	1	3	5	26	1	30	6	2	20	6	1	36	9	8	391	0.39	0.01	0.78	0.68	0.01	0.05	-1	-1	1902	
S9615541	319872	416902	6832981	40796	SOIL	36	18	84	1.4	20	272	1																								

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Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Bb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt/Au	Ba-XRF	
S9615572	319903	416000	8630091	50796	SOIL	39	8	71	0.6	59	218	1	21	83	4.39	10	65	2	16	49	1	1	60	19	16	457	0.9	0.01	1.48	1.16	0.01	0.05	-1	-1	2125	
S9615573	319904	415999	8629989	50796	SOIL	81	22	172	1.5	65	482	1	21	83	4.39	10	65	2	16	49	1	1	60	19	16	457	0.9	0.01	1.48	1.16	0.01	0.05	-1	-1	1661	
S9615574	319905	416001	8629901	50796	SOIL	13	7	53	0.2	9	159	1	4	16	1.16	1	20	2	2	14	1	1	30	6	6	143	0.27	0.01	0.52	0.62	0.01	0.02	-1	-1	2199	
S9615575	319906	416002	8628795	50796	SOIL	40	8	75	0.5	37	160	1	10	37	2.31	4	27	2	2	20	1	1	21	9	10	237	0.39	0.01	0.64	0.37	0.01	0.03	-1	-1	1908	
S9615576	319907	416003	8628681	50796	SOIL	30	6	79	0.4	27	209	1	7	32	1.63	1	20	2	2	16	1	1	35	6	7	489	0.31	0.01	0.64	0.77	0.01	0.02	-1	-1	1908	
S9615577	319908	416012	8628583	50796	SOIL	28	7	58	0.5	31	295	1	9	38	2.35	1	23	2	2	19	8	1	32	8	7	216	0.3	0.01	0.61	0.68	0.01	0.02	-1	-1	1834	
S9615578	319909	416007	8628499	50796	SOIL	23	4	59	0.2	19	198	1	8	32	1.53	1	25	2	2	18	1	1	22	7	9	291	0.31	0.01	0.58	0.49	0.01	0.02	-1	-1	1969	
S9615579	319910	416008	8628398	50796	SOIL	26	5	52	0.2	23	235	1	5	27	1.46	1	22	2	2	18	5	1	40	7	7	257	0.32	0.01	0.63	0.92	0.01	0.03	-1	-1	1572	
S9615580	319911	416007	8628293	50796	SOIL	45	9	82	0.5	20	268	1	11	53	2.28	7	39	2	2	28	1	1	27	10	12	293	0.52	0.01	0.86	0.51	0.01	0.05	-1	-1	2033	
S9615581	319912	416012	8628194	50796	SOIL	48	11	88	0.2	43	343	1	12	57	2.55	1	37	2	2	28	1	1	32	12	10	404	0.53	0.01	0.89	0.7	0.01	0.05	-1	-1	2020	
S9615582	319913	416016	8628102	50796	SOIL	28	11	67	0.4	43	232	1	12	40	2.36	2	26	2	2	20	1	1	25	9	8	489	0.38	0.01	0.62	0.53	0.01	0.04	-1	-1	1722	
S9615583	319914	416034	8628901	50796	SOIL	39	11	86	0.2	25	193	1	12	45	2.42	1	31	2	2	24	1	1	18	10	13	304	0.43	0.01	0.77	0.35	0.01	0.05	-1	-1	1911	
S9615584	319915	416043	8628804	50796	SOIL	22	24	68	1.1	19	164	1	5	22	1.63	1	25	2	2	21	1	1	22	10	14	150	0.38	0.01	0.76	0.49	0.01	0.04	-1	-1	1739	
S9615585	319916	416047	8628697	50796	SOIL	8	8	30	0.2	17	111	1	4	12	1.5	1	15	2	2	22	1	1	6	2	9	144	0.17	0.01	0.58	0.08	0.01	0.02	-1	-1	1230	
S9615586	319917	416053	8628605	50796	SOIL	53	27	60	0.2	18	227	1	10	38	2.49	40	24	2	2	19	2	1	18	69	144	538	0.42	0.01	0.95	0.34	0.02	0.07	-1	-1	1745	
S9615587	319918	416051	8628499	50796	SOIL	39	11	90	0.5	36	196	1	12	49	2.64	4	38	2	2	31	23	1	25	12	15	418	0.59	0.01	0.87	0.55	0.01	0.1	-1	-1	1946	
S9615588	319919	416490	8628393	50796	SOIL	35	9	68	0.5	55	234	1	12	39	3.24	1	33	2	2	26	5	1	35	10	10	554	0.48	0.01	0.82	0.67	0.01	0.04	-1	-1	2032	
S9615589	319920	416492	8628463	50796	SOIL	55	10	100	0.6	58	326	1	13	65	2.56	2	40	2	2	31	1	1	36	13	14	293	0.56	0.01	0.94	0.71	0.01	0.06	-1	-1	2166	
S9615590	319921	416491	8628562	50796	SOIL	80	8	69	0.7	32	330	1	13	62	2.49	1	32	2	2	27	25	1	35	11	11	335	0.42	0.01	0.89	0.75	0.01	0.08	-1	-1	1970	
S9615591	319922	416486	8628666	50796	SOIL	46	11	91	1.6	28	178	1	12	57	2.36	1	29	2	2	22	1	1	24	11	9	642	0.4	0.01	0.64	0.45	0.01	0.04	-1	-1	1900	
S9615592	319923	416487	8628765	50796	SOIL	63	14	105	0.8	27	429	1	15	64	2.63	3	33	2	2	28	5	1	42	13	9	763	0.42	0.01	0.88	0.83	0.01	0.04	-1	-1	2286	
S9615593	319924	416492	8628606	50796	SOIL	40	2	68	0.5	13	276	1	5	32	1.32	1	18	2	2	13	1	1	85	6	5	308	0.36	0.01	0.61	2.41	0.03	0.03	-1	-1	1097	
S9615594	319925	416490	8628993	50796	SOIL	41	5	123	0.4	28	408	1	10	46	1.73	1	26	2	2	21	1	1	72	8	6	1830	0.45	0.01	0.77	1.73	0.01	0.04	-1	-1	1731	
S9615595	319926	416492	8630016	50796	SED	31	6	98	0.2	28	208	1	10	37	2.03	1	29	2	2	22	12	1	45	10	9	559	0.42	0.01	0.74	0.9	0.01	0.04	-1	-1	1573	
S9615596	319927	416483	8630076	50796	SOIL	36	9	121	0.4	41	246	1	11	43	2.43	1	34	2	2	27	1	1	37	8	8	826	0.49	0.01	0.91	0.79	0.01	0.06	-1	-1	1925	
S9615597	319928	416483	8630267	50796	SOIL	46	4	91	0.5	23	275	1	5	39	1.68	3	21	2	2	18	1	1	70	8	7	328	0.37	0.01	0.74	1.83	0.01	0.05	-1	-1	1378	
S9615598	319929	416491	8630377	50796	SOIL	43	5	93	0.5	33	246	1	9	40	2.03	1	24	2	2	27	25	1	35	11	11	335	0.42	0.01	0.89	0.75	0.01	0.08	-1	-1	1701	
S9615599	319930	416492	8630472	50796	SOIL	85	9	90	0.8	55	197	1	11	57	2.44	1	24	2	2	26	1	1	45	13	10	354	0.35	0.01	0.7	0.94	0.01	0.05	-1	-1	1988	
S9615600	319931	416482	8630677	50796	SOIL	109	15	169	1.5	50	219	2	18	79	3.01	10	33	2	7	33	1	1	51	17	12	452	0.35	0.01	0.77	0.83	0.01	0.05	-1	-1	2198	
S9616339	321764	415024	8628224	50796	SOIL	24	2	51	0.2	40	199	1	8	22	2.17	3	16	14	2	16	2	1	54	5	5	363	0.32	0.01	0.62	1.42	0.01	0.04	5	10	1390	
S9616340	321765	415023	8628303	50796	SOIL	41	2	6	0.2	1	65	1	5	5	0.2	1	2	15	2	2	3	1	1	36	1	1	48	0.08	0.01	0.19	0.9	0.02	0.02	5	10	1012
S9616341	321766	415014	8628244	50796	SOIL	27	4	48	0.2	27	209	1	5	22	1.19	8	13	22	2	12	11	1	1	77	4	5	540	0.29	0.01	0.55	1.77	0.03	0.03	5	10	1244
S9616342	321767	415016	8628258	50796	SOIL	26	6	68	0.2	37	198	1	5	23	1.68	6	22	15	2	19	1	1	58	6	6	221	0.37	0.01	0.71	1.2	0.02	0.03	5	10	1628	
S9616343	321768	415023	8628265	50796	SOIL	48	10	72	0.2	25	216	1	13	43	2.56	6	32	18	2	27	6	1	29	11	11	520	0.5	0.01	0.81	0.56	0.01	0.05	5	10	2018	
S9616344	321770	415015	8628301	50796	SOIL	81	14	104	0.2	30	336	1	13	53	2.38	3	33	6	1	40	1	1	63	13	15	469	0.8	0.01	1.26	1.33	0.01	0.13	5	10	2356	
S9616345	321771	415024	8628313	50796	SOIL	72	8	103	0.7	69	557	1	14	73	4.13	6	89	11	2	51	8	1	37	11	15	257	1.12	0.02	1.64	0.73	0.01	0.1	5	10	2820	
S9616346	321781	415015	8628309	50796	SOIL	56	9	88	0.5	29	390	1	11	59	2.6	8	41	25	2	39	1	1	54	13	15	668	0.63	0.02	1.28	1.12	0.02	0.12	5	10	1787	
S9616347	321782	415																																		

**KZK**  
Soils and Silt Geochemistry

Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF
S9616515	327188	416004	6831885	50796	SOIL	44	13	103	0.7	21	343	1	6	33	1.43	3	24	2	2	19	13	1	83	29	24	163	0.38	0.01	0.76	1.61	0.02	0.08	-1	-1	1851
S9616516	327187	415997	6832075	50796	SOIL	44	17	97	0.5	43	395	1	6	38	3	3	28	6	10	27	4	1	50	14	11	499	0.44	0.01	0.85	0.87	0.03	0.06	-1	-1	1696
S9616518	327188	415997	6832179	50796	SOIL	40	17	106	0.7	33	271	1	8	39	2.37	6	42	2	27	29	4	1	93	14	14	350	0.56	0.01	0.94	1.69	0.03	0.07	-1	-1	2038
S9616519	327189	415997	6832179	50796	SOIL	40	17	103	0.5	26	446	1	12	50	2.2	5	35	2	13	32	2	1	46	18	19	218	0.59	0.01	1.2	1.07	0.01	0.13	-1	-1	1715
S9616520	327190	416002	6832274	50796	SOIL	57	14	89	0.4	35	497	1	10	47	3.43	4	28	2	15	25	1	1	58	14	12	560	0.37	0.01	0.88	0.9	0.03	0.06	-1	-1	2068
S9616521	327191	416002	6832390	50796	SOIL	78	20	103	0.5	26	446	1	12	50	2.2	5	35	2	13	32	2	1	46	18	19	218	0.59	0.01	1.2	1.07	0.01	0.13	-1	-1	2034
S9616522	327192	416000	6832498	50796	SOIL	55	13	98	0.2	25	335	1	10	42	2.7	4	38	2	11	32	1	1	34	15	20	484	0.52	0.01	1.14	0.51	0.01	0.13	-1	-1	2010
S9616523	327193	415999	6832593	50796	SOIL	41	17	86	0.4	26	356	1	8	36	2.39	6	46	5	26	32	1	1	49	10	14	607	0.53	0.01	1	0.86	0.03	0.09	-1	-1	1928
S9616524	327194	415987	6832575	50796	SOIL	25	9	79	0.4	22	141	1	6	33	2.07	8	34	2	2	25	3	1	25	10	21	220	0.54	0.01	0.84	0.41	0.01	0.08	-1	-1	1724
S9616525	327195	416000	6832791	50796	SOIL	53	10	89	0.6	27	475	1	6	53	2.11	5	49	2	9	27	1	1	69	17	16	213	0.53	0.01	1.03	1.55	0.03	0.1	-1	-1	1982
S9616526	327196	416002	6832895	50796	SOIL	31	7	70	0.2	20	183	1	5	24	1.51	4	21	2	18	18	1	1	43	8	9	221	0.37	0.01	0.8	0.87	0.04	0.07	-1	-1	1523
S9616527	327197	416001	6832991	50796	SOIL	26	12	64	0.4	8	228	1	5	22	1.65	1	17	15	18	16	1	1	58	6	10	339	0.32	0.01	0.89	1.23	0.03	0.09	-1	-1	1446
S9616528	327198	415993	6833088	50796	SOIL	31	16	76	0.2	18	254	1	10	40	2	3	30	2	9	31	1	1	33	10	13	263	0.49	0.01	0.93	0.56	0.01	0.05	-1	-1	2026
S9616529	327199	416000	6833201	50796	SOIL	47	23	108	0.4	4	322	1	11	44	2.78	4	29	2	15	32	1	1	47	13	15	492	0.53	0.01	1.14	0.82	0.01	0.1	-1	-1	1983
S9616530	327200	415998	6833282	50796	SOIL	31	14	73	0.2	8	272	1	8	30	2.03	5	24	2	20	25	6	1	34	9	10	324	0.43	0.01	0.98	0.82	0.01	0.05	-1	-1	1757
S9616531	327201	416000	6833387	50796	SOIL	32	14	90	0.4	7	223	1	8	30	2.51	8	28	2	2	36	1	1	40	18	15	420	0.57	0.01	1.14	0.33	0.01	0.11	-1	-1	1549
S9616532	327202	415999	6833469	50796	SOIL	26	12	82	0.2	7	279	1	5	22	1.9	8	21	2	12	21	1	1	40	7	15	392	0.41	0.01	1.09	0.76	0.03	0.11	-1	-1	1538
S9616533	327203	416003	6833513	50796	SED	34	15	90	0.2	26	322	1	8	32	2.11	6	25	2	2	30	7	1	49	11	18	457	0.72	0.01	0.9	1.3	0.01	0.11	-1	-1	1598
S9616534	327204	416003	6833160	50796	SOIL	41	15	85	0.2	20	341	1	8	39	2.33	4	29	2	14	29	1	1	53	13	17	385	0.54	0.01	1.12	1.13	0.01	0.1	-1	-1	1850
S9616535	327205	416464	6833068	50796	SOIL	31	12	80	0.2	8	342	1	7	35	2.23	4	28	2	2	29	2	1	47	8	14	481	0.51	0.01	1.2	1	0.01	0.1	-1	-1	1793
S9616536	327206	416457	6833270	50796	SOIL	32	16	86	0.2	26	218	1	12	35	2.97	5	29	2	2	29	1	1	26	11	22	424	0.59	0.01	1.17	0.43	0.01	0.12	-1	-1	1747
S9616537	327207	416456	6833281	50796	SOIL	47	10	80	0.6	9	378	1	11	48	2.59	6	32	2	2	34	1	1	57	14	17	808	0.61	0.01	1.19	1.13	0.01	0.1	-1	-1	1838
S9616538	327208	416466	6832769	50796	SOIL	29	10	113	0.4	23	208	1	8	33	2.39	3	36	2	2	36	1	1	40	18	15	245	0.64	0.01	1.05	0.75	0.01	0.08	-1	-1	1659
S9616539	327209	416463	6832674	50796	SOIL	26	15	105	0.2	23	318	1	9	31	2.11	9	28	2	12	32	1	1	65	9	9	974	0.54	0.01	0.9	1.55	0.04	0.06	-1	-1	1694
S9616540	327210	416470	6832558	50796	SOIL	24	11	41	0.2	5	261	1	5	23	0.96	5	15	2	2	21	1	1	43	6	6	643	0.2	0.01	0.68	0.92	0.04	0.03	-1	-1	1544
S9616541	327211	416460	6832476	50796	SOIL	51	10	137	0.4	15	378	1	10	43	2.4	1	36	2	14	29	1	1	60	14	11	479	0.57	0.01	1.09	1.16	0.03	0.11	-1	-1	2089
S9616542	327212	416466	6832430	50796	SOIL	50	6	82	0.2	18	441	1	8	40	1.77	4	25	2	9	21	1	1	74	11	9	251	0.4	0.01	0.75	0.72	0.03	0.05	-1	-1	1657
S9616543	327213	416471	6832359	50796	SOIL	46	13	111	0.5	23	320	1	10	47	2.62	6	38	5	7	34	1	1	28	13	16	413	0.57	0.01	1.08	0.48	0.01	0.09	-1	-1	2212
S9616544	327214	416479	6832258	50796	SOIL	18	9	74	0.2	7	171	1	5	23	1.64	2	33	2	18	25	1	1	29	8	14	108	0.47	0.01	0.71	0.45	0.01	0.03	-1	-1	1517
S9616545	327215	416475	6832165	50796	SOIL	57	17	98	0.2	40	945	1	9	40	2.64	3	28	2	17	26	1	1	32	14	19	200	0.39	0.01	0.87	0.39	0.01	0.11	-1	-1	2845
S9616546	327216	416475	6831904	50796	SOIL	29	13	99	0.2	14	217	1	6	30	1.93	3	30	2	2	24	1	1	32	8	15	116	0.47	0.01	0.82	0.42	0.01	0.08	-1	-1	2063
S9616547	327218	416474	6831933	50796	SED	40	5	68	0.6	8	256	1	4	33	1.2	1	18	11	7	14	4	1	103	8	8	481	0.31	0.01	0.58	2.04	0.03	0.05	-1	-1	1291
S9616550	327226	416480	6831317	50798	SOIL	55	15	135	0.2	28	201	1	10	38	2.7	6	27	5	17	35	1	1	47	12	11	282	0.55	0.01	0.81	0.46	0.01	0.08	-1	-1	2511
S9616551	327227	416487	6831231	50798	SOIL	53	11	150	0.6	19	247	1	8	40	2.02	9	19	2	13	22	1	1	43	10	7	373	0.3	0.01	0.64	0.58	0.01	0.08	-1	-1	1784
S9616552	327228	416489	6831195	50798	SED	30	9	105	0.2	26	170	1	7	27	1.66	4	19	2	11	19	1	1	45	9	8	389	0.35	0.01	0.57	0.84	0.01	0.04	-1	-1	1644
S9616553	327229	416487	6831140	50798	SOIL	45	10	90	0.4	16	216	1	7	31	1.95	1	19	2	2	21	2	1	45	11	7	265	0.34	0.01	0.61	0.73	0.01	0.03	-1	-1	1792
S9616554	327231	416483	6830968	50798	SOIL	52	9	99	0.2	57	259	1	12	48	2.45	4	29	2	2	27	1	1	41	11	11	700	0.58	0.01	0.78	1.26	0.03	0.04	-1	-1	2030
S9616557	327240	416283	68329482																																

**KZK**  
**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba+ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	AI	Ca	Na	K	Au	WtAu	Ba-XRF	
S9619706	334535	414535	6832409	80796	SOIL	32	9	62	0.2	1	331	1	9	59	2.3	3	36	2	2	20	1	1	21	8	8	203	0.52	0.01	0.72	0.4	0.01	0.03	-1	-1	-1	
S9619707	334536	414543	6832518	80796	SOIL	22	7	78	0.2	14	207	1	5	36	1.67	3	36	2	2	2	10	1	1	50	13	11	270	0.39	0.01	0.76	0.46	0.01	0.04	-1	-1	-1
S9619708	334537	414543	6832610	80796	SOIL	59	15	155	0.9	10	346	1	5	33	2.11	8	26	2	2	10	27	1	1	50	13	11	1806	0.38	0.01	0.88	1.68	0.03	0.02	-1	-1	-1
S9619709	334538	414542	6832701	80796	SOIL	37	7	73	0.4	14	398	1	10	47	2.65	1	28	2	2	2	18	1	1	75	10	11	239	0.35	0.01	0.79	0.4	0.01	0.06	-1	-1	-1
S9619710	334539	414553	6832807	80796	SOIL	12	12	44	0.2	1	166	1	5	22	1.96	2	37	2	2	2	29	1	1	5	4	9	170	0.33	0.02	0.96	0.07	0.02	0.03	-1	-1	-1
S9619711	334540	414540	6832912	80796	SOIL	46	13	44	0.2	7	257	1	6	22	1.68	4	25	2	2	17	1	1	23	16	21	239	0.35	0.01	0.79	0.4	0.01	0.06	-1	-1	-1	
S9619712	334541	414536	6833010	80796	SOIL	37	15	72	0.2	1	376	1	7	33	2.2	3	29	2	6	23	1	1	31	16	18	310	0.49	0.01	0.95	0.51	0.01	0.07	-1	-1	-1	
S9619713	334543	414540	6833128	80796	SOIL	54	2	4	0.2	1	73	1	1	4	0.12	2	2	2	2	3	3	1	1	50	9	5	35	0.03	0.01	0.39	0.98	0.01	0.01	-1	-1	-1
S9619714	334544	414545	6833305	80796	SOIL	56	16	32	0.9	13	926	1	10	28	2.15	5	29	2	5	20	1	1	110	17	19	924	0.2	0.01	1.04	2.33	0.02	0.03	-1	-1	-1	
S9619715	334545	414539	6833405	80796	SOIL	14	14	49	0.2	8	132	1	7	15	2.44	4	24	2	8	28	1	1	17	2	7	443	0.31	0.01	0.84	0.28	0.01	0.04	-1	-1	-1	
S9619716	334546	414550	6833510	80796	SOIL	49	10	37	0.4	11	245	1	5	13	1.13	2	11	2	2	12	2	1	50	19	12	974	0.12	0.01	0.78	0.98	0.04	0.02	-1	-1	-1	
S9619717	334547	414540	6833597	80796	SOIL	70	77	54	1.2	13	237	1	7	15	3.17	25	12	2	5	11	1	1	29	25	17	735	0.35	0.01	0.99	0.53	0.02	0.16	-1	-1	-1	
S9619718	334548	414540	6833693	80796	SOIL	17	11	55	0.2	17	181	1	7	22	2.21	2	22	2	5	30	1	1	9	2	10	246	0.36	0.01	1.2	0.05	0.01	0.03	-1	-1	-1	
S9619719	334549	414552	6833813	80796	SOIL	26	13	51	0.2	14	246	1	7	20	2.19	2	21	1	1	1	36	4	9	375	0.44	0.01	1.03	0.72	0.03	0.05	-1	-1	-1			
S9619720	334550	414550	6833905	80796	SOIL	62	17	41	0.2	1	285	1	16	21	3.34	2	20	2	5	40	1	1	13	17	10	1033	0.79	0.01	1.97	0.24	0.01	0.04	-1	-1	-1	
S9619721	334552	423880	6822254	100796	SOIL	34	16	94	0.2	20	314	1	8	34	2.06	2	31	1	2	17	2	1	76	5	4	332	0.42	0.01	0.95	0.59	0.02	0.05	-1	-1	-1	
S9619722	334553	423886	6822240	100796	SOIL	31	11	98	0.2	13	252	1	9	62	2.22	3	56	2	8	26	1	1	30	8	7	1061	0.75	0.01	0.8	0.78	0.01	0.04	-1	-1	-1	
S9619723	334554	423973	6822428	100796	SOIL	26	15	98	0.2	35	221	1	8	42	2.09	4	45	2	8	25	1	1	27	2	7	365	0.55	0.01	0.88	0.43	0.01	0.04	-1	-1	-1	
S9619724	334555	424528	6822520	100796	SOIL	40	15	148	0.2	28	301	1	10	55	2.19	1	41	2	6	30	1	1	42	11	9	378	0.58	0.01	0.97	0.61	0.01	0.06	-1	-1	-1	
S9619725	334556	424568	6822605	100796	SOIL	55	18	166	0.5	86	361	1	15	93	3.09	6	67	2	13	35	1	1	32	11	9	338	0.85	0.01	1.01	0.52	0.01	0.04	-1	-1	-1	
S9619726	334557	424123	6822687	100796	SOIL	73	7	227	0.2	38	931	8	12	77	2.3	9	17	2	9	16	1	1	102	9	6	3900	0.24	0.01	0.79	1.92	0.03	0.01	-1	-1	-1	
S9619727	334558	424171	6822791	100796	SOIL	73	16	107	0.9	23	396	1	10	58	2.2	5	40	2	7	30	1	1	52	15	10	334	0.51	0.01	0.83	0.46	0.01	0.07	-1	-1	-1	
S9619728	334559	424222	6822879	100796	SOIL	30	9	91	0.4	1	227	1	8	25	1.5	6	17	2	2	17	2	1	76	5	4	1100	0.32	0.01	0.74	1.58	0.01	0.02	-1	-1	-1	
S9619729	334560	424268	6822963	100796	SOIL	42	10	144	0.5	9	173	1	6	30	1.91	4	26	2	15	26	1	1	43	7	5	231	0.47	0.01	0.82	0.65	0.01	0.02	-1	-1	-1	
S9619730	334563	424403	6823242	100796	SOIL	44	17	72	0.7	11	111	1	5	26	2.39	9	12	2	2	23	8	1	65	3	5	160	0.1	0.01	0.31	0.18	0.01	0.02	-1	-1	-1	
S9619731	334564	424441	6823231	100796	SOIL	10	10	8	0.5	8	111	1	1	1	0.76	1	7	2	2	23	2	1	170	3	3	2	0.01	0.01	0.03	0.01	0.01	0.07	-1	-1	-1	
S9619732	334565	424502	6823413	100796	SOIL	12	99	7	5.1	86	513	1	1	1	4.06	41	18	2	19	26	1	1	37	1	4	11	0.01	0.01	0.15	0.01	0.01	0.53	-1	-1	-1	
S9619733	334566	424541	6823515	100796	SOIL	18	31	30	6.4	31	724	1	1	5	1.68	47	16	2	19	63	1	2	197	3	12	38	0.01	0.01	0.25	0.01	0.01	0.1	-1	-1	-1	
S9619734	334567	424588	6823599	100796	SOIL	33	23	85	7.9	44	316	1	2	15	2.35	17	30	2	2	62	1	1	89	7	8	85	0.1	0.01	1.07	0.06	0.01	0.07	-1	-1	-1	
S9619735	334568	424624	6823699	100796	SOIL	35	23	66	1.6	19	252	1	3	19	1.77	14	20	10	5	37	1	1	63	5	7	110	0.17	0.01	0.64	0.07	0.01	0.07	-1	-1	-1	
S9619737	334571	424771	6823954	100796	SOIL	35	34	42	4.4	22	1421	1	4	15	1.66	30	29	2	17	83	1	1	98	8	11	182	0.2	0.01	0.77	0.11	0.01	0.05	-1	-1	-1	
S9619738	334572	424826	6824033	100796	SOIL	37	21	73	0.8	61	369	1	11	45	2.39	7	43	5	9	35	1	1	20	6	11	601	0.52	0.01	1.31	0.08	0.01	0.04	-1	-1	-1	
S9619740	334573	424872	6824124	100796	SOIL	14	13	30	0.8	13	421	1	2	11	1.56	6	21	2	2	32	1	1	32	3	7	115	0.14	0.01	0.76	0.03	0.01	0.03	-1	-1	-1	
S9619741	334574	424913	6824209	100796	SOIL	25	18	42	1	31	360	1	6	21	1.55	9	24	6	2	25	1	1	31	4	7	255	0.23	0.01	0.66	0.06	0.01	0.02	-1	-1	-1	
S9619742	334575	424952	6824308	100796	SOIL	17	7	79	2.8	23	129	1	5	36	2.68	3	54	2	16	29	1	1	8	3	6	191	0.47	0.01	1.85	0.05	0.01	0.02	-1	-1	-1	
S9619744	334577	425061	6824486	100796	SOIL	22	14	51	0.2	1	246	1	5	27	4.45	2	25	2	1	9	3	6	159	0.25	0.01	1.09	0.07	0.04	0.03	-1	-1	-1				
S9619745	334578	425112	6824668	100796	SOIL	25	22	42	0.2	18	651	5	1	26	1.06	24	2	2	25	1	1	60	11	9	791	0.34	0.01	1.09	0.8	0.01	0.05	-1	-1	-1		
S9619746	334579	425160	6824705	100796	SOIL	289	10	269	0.5	21	629	2	13	91	1.99	14	40	2	2	46	1															

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Aj	Ca	Na	K	Au	WtAu	Be-XRF	
S9619927	324217	424846	6822940	100796	SOIL	13	2	39	1.3	16	85	1	2	8	1.05	2	2	2	9	148	5	7	274	21	16	767	0.31	0.01	1.19	1.94	0.01	0.14	-1	-1	-1	
S9619928	324218	424786	6822278	100796	SOIL	58	8	102	0.4	53	341	2	9	51	2.77	3	34	2	2	36	5	2	48	6	16	1069	0.44	0.02	0.99	0.44	0.01	0.1	-1	-1	-1	
S9619929	324219	424721	6822724	100796	SOIL	47	14	370	0.2	91	1409	5	6	158	3.17	52	28	2	6	25	5	15	93	5	8	31670	0.44	0.01	0.88	1.34	0.01	0.09	-1	-1	-1	
S9619930	324220	424653	6822585	100796	SOIL	37	6	82	0.2	20	191	1	2	23	0.32	2	2	2	2	1	5	2	2	154	3	1	444	0.23	0.01	0.17	2.59	0.01	0.07	-1	-1	-1
S9619931	324221	424602	6822479	100796	SOIL	43	9	45	0.6	39	307	1	2	25	1.02	3	17	2	2	15	5	2	117	6	3	743	0.36	0.01	0.48	2.26	0.01	0.05	-1	-1	-1	
S9619932	324222	424547	6822359	100796	SOIL	44	11	89	0.6	91	358	1	6	64	2.54	2	66	2	2	38	5	2	36	8	17	501	0.63	0.02	1.01	0.35	0.01	0.07	-1	-1	-1	
S9619933	324223	424499	6822254	100796	SOIL	32	10	54	0.4	94	394	1	3	42	2.1	1	45	2	2	31	5	2	49	6	13	411	0.48	0.02	0.77	0.78	0.01	0.06	-1	-1	-1	
S9619935	324225	424367	6822024	100796	SOIL	24	6	64	0.4	82	304	1	4	35	2.06	2	38	2	2	28	5	2	29	4	10	468	0.39	0.02	0.95	0.39	0.01	0.09	-1	-1	-1	
S9619936	324226	424306	6821939	100796	SOIL	12	18	23	0.5	26	123	1	2	14	0.64	1	14	2	2	11	5	2	21	2	5	131	0.16	0.01	0.31	0.28	0.01	0.05	-1	-1	-1	
S9619937	324227	424263	6821828	100796	SOIL	18	5	94	0.6	31	320	1	8	38	1.62	1	42	2	2	26	5	2	44	6	12	1862	0.45	0.02	0.77	0.52	0.01	0.07	-1	-1	-1	
S9619938	324228	424206	6821737	100796	SOIL	58	14	126	0.6	38	729	1	2	82	2.32	2	53	2	2	38	5	2	77	10	14	602	0.6	0.02	1.3	0.97	0.01	0.16	-1	-1	-1	
S9619939	324229	424159	6821806	100796	SOIL	29	14	107	0.7	24	307	1	7	50	2.13	3	56	2	2	34	5	2	39	8	21	343	0.62	0.03	0.84	0.43	0.01	0.09	-1	-1	-1	
S9619940	324230	424033	6821678	100796	SOIL	26	2	9	0.2	29	411	1	2	19	0.33	2	2	2	4	5	2	121	4	2	1094	0.28	0.01	0.48	2.87	0.01	0.03	-1	-1	-1		
S9619941	324231	424071	6821756	100796	SOIL	15	2	25	0.2	26	169	1	2	10	0.43	1	6	2	2	8	5	2	81	3	1	866	0.31	0.01	0.32	1.65	0.01	0.03	-1	-1	-1	
S9619942	324233	424139	6821858	100796	SOIL	38	7	112	0.4	41	427	1	4	43	1.83	2	34	5	2	33	5	2	68	7	12	275	0.44	0.02	0.78	1	0.01	0.07	-1	-1	-1	
S9619943	324234	424189	6821951	100796	SOIL	21	56	180	0.2	1126	645	15	29	46	15.58	24	21	2	2	24	5	2	167	3	1	4700	0.23	0.01	0.09	1.57	0.01	0.03	-1	-1	-1	
S9619944	324234	424243	6822050	100796	SOIL	48	7	245	0.5	66	259	2	20	79	3.19	4	49	2	2	8	42	5	2	78	7	9	1122	0.61	0.02	0.81	0.93	0.01	0.09	-1	-1	-1
S9619945	324235	424301	6822151	100796	SOIL	87	27	833	0.7	155	412	9	20	112	7.33	13	37	2	10	138	5	3	136	18	25	1108	0.4	0.01	1.22	0.52	0.01	0.08	-1	-1	-1	
S9619946	324236	424557	6822266	100796	SOIL	45	11	173	1	86	432	1	5	60	3.06	4	44	2	5	42	5	2	51	9	18	631	0.44	0.02	1.14	0.51	0.01	0.08	-1	-1	-1	
S9619947	324237	424241	6822394	100796	SOIL	13	6	48	0.4	24	171	1	2	21	0.83	1	13	2	2	12	5	2	37	8	4	149	0.16	0.01	0.34	0.49	0.01	0.04	-1	-1	-1	
S9619948	324238	424482	6822500	100796	SOIL	27	12	274	0.6	45	275	1	4	55	2.07	3	35	2	2	31	5	2	59	3	14	595	0.45	0.02	0.74	0.57	0.01	0.07	-1	-1	-1	
S9619949	324239	424533	6822589	100796	SOIL	55	22	340	0.7	79	255	1	9	95	2.89	3	42	2	2	36	5	2	62	6	20	683	0.58	0.02	0.89	0.46	0.01	0.11	-1	-1	-1	
S9619950	324240	424568	6822714	100796	SOIL	62	2	72	2	24	861	1	7	66	1.22	3	17	2	2	8	5	2	93	8	4	917	0.25	0.01	0.55	1.08	0.01	0.06	-1	-1	-1	
S9619951	324241	424648	6822827	100796	SOIL	60	10	66	2	32	312	1	4	34	2.45	2	28	2	2	30	5	2	30	30	11	9	463	0.34	0.01	0.81	0.33	0.01	0.08	-1	-1	-1
S9619952	324242	424709	6822959	100796	SOIL	58	2	48	1.7	21	174	1	2	13	0.42	1	2	2	2	2	3	5	2	149	7	1	403	0.37	0.01	0.39	2.27	0.01	0.03	-1	-1	-1
S9619953	324243	424799	6823085	100796	SOIL	25	11	44	0.7	11	117	1	2	10	1.75	4	5	2	2	8	5	2	78	6	20	216	0.05	0.01	0.29	0.21	0.01	0.05	-1	-1	-1	
S9619954	324244	424847	6823176	100796	SOIL	5	2	9	0.8	4	37	1	2	3	0.33	1	2	2	2	2	7	5	2	10	3	2	28	0.02	0.01	0.12	0.06	0.01	0.04	-1	-1	-1
S9619955	324245	424865	6823272	100796	SOIL	67	7	21	1	23	181	1	2	1	1.35	1	5	2	2	23	5	2	186	1	17	10	0.01	0.01	0.22	0.05	0.01	0.1	-1	-1	-1	
S9619956	324247	424870	6823243	100796	SOIL	37	57	174	2.6	45	336	1	2	29	2.8	11	33	2	2	79	5	2	119	2	15	109	0.14	0.01	0.89	0.03	0.01	0.1	-1	-1	-1	
S9619957	324248	425017	6823514	100796	SOIL	55	21	167	4.3	50	488	1	2	53	2.14	13	39	2	2	82	5	2	173	4	18	112	0.15	0.01	0.1	1.01	0.01	0.05	-1	-1	-1	
S9619958	324249	425066	6823585	100796	SOIL	36	17	112	2.2	37	430	1	2	21	1.75	12	23	2	2	61	5	2	115	7	16	94	0.13	0.01	0.71	0.05	0.01	0.11	-1	-1	-1	
S9619959	324251	4262162	6825350	100796	SOIL	52	12	105	0.2	44	213	1	9	55	2.66	1	43	2	2	34	5	2	31	6	21	338	0.55	0.02	0.86	0.42	0.01	0.08	-1	-1	-1	
S9619960	324252	426257	6825683	100796	SOIL	54	26	118	0.6	59	369	1	8	58	2.77	1	39	2	2	35	5	2	57	8	15	638	0.55	0.02	0.99	0.85	0.01	0.11	-1	-1	-1	
S9619963	324253	4262634	6826374	100796	SOIL	50	26	94	0.5	33	349	1	8	58	2.51	1	46	2	2	36	5	2	38	8	19	504	0.83	0.02	1.05	0.64	0.01	0.09	-1	-1	-1	
S9619965	324254	4262562	6826741	100796	SOIL	58	23	115	0.6	49	350	1	10	65	2.82	2	46	2	2	46	5	2	40	48	8	16	500	0.47	0.02	0.85	0.61	0.01	0.09	-1	-1	-1
S9619966	324255	4262668	6826893	100796	SOIL	26	2	70	0.4	15	236	1	2	23	1.43	1	27	2	2	22	5	2	52	9	14	279	0.42	0.02	0.73	1.03	0.01	0.07	-1	-1	-1	
S9619967	324256	4262906	6826976	100796	SOIL	36	19	68	0.6	32	328	1	8	37	2.55	1	43	2	2	37	5	2	47	8	19	328	0.61	0.02	1.08	0.01	0.01	0.08	-1	-1	-1	
S9619968	324257	4262917	6826976	100796	SOIL	51	26	94	0.2	31	357																									

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Lab No.	Field No	UTME27	UTMN37	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WTAu	Ba-XRF					
S9620031	327291	416258	6829338	60798	SOIL	41	23	104	0.2	45	465	1	15	68	3.04	1	45	2	2	41	5	2	39	7	21	453	0.74	0.03	1.29	0.68	0.01	0.12	-1	-1	-1					
S9620032	327292	416260	6829325	60798	SOIL	52	25	119	0.2	45	465	1	15	55	2.57	1	55	2	2	48	5	2	2	43	5	2	20	1396	0.67	0.02	1.19	0.69	0.01	0.12	-1	-1	-1			
S9620033	327293	416271	6829231	60798	SOIL	49	25	123	0.2	42	398	1	13	58	3.26	1	50	2	2	43	5	2	2	43	5	2	20	1403	0.61	0.01	1.53	0.57	0.01	0.14	-1	-1	-1			
S9620034	327294	416284	6829187	60798	SOIL	42	23	97	0.2	49	384	1	11	45	2.99	1	42	2	2	39	5	2	2	45	7	15	482	0.63	0.02	1.1	0.83	0.01	0.1	-1	-1	-1				
S9620035	327295	416266	6829137	60798	SOIL	47	16	98	0.4	35	263	1	10	52	2.91	2	49	2	2	40	5	2	2	28	8	20	281	0.64	0.03	1.07	0.41	0.01	0.11	-1	-1	-1				
S9620036	327296	416272	6829086	60798	SOIL	45	6	94	0.8	35	353	1	9	57	2.63	1	47	2	2	37	5	2	2	40	7	20	753	0.57	0.03	1.03	0.7	0.01	0.12	-1	-1	-1				
S9620037	327297	416273	6829039	60798	SOIL	41	18	115	0.5	30	323	1	15	57	3.06	2	51	2	2	43	5	2	2	31	6	24	672	0.69	0.02	1.21	0.52	0.01	0.13	-1	-1	-1				
S9620038	327298	426201	6824461	100798	SOIL	48	14	102	0.4	44	418	1	12	42	2.98	2	49	2	2	48	5	2	2	33	7	20	917	0.72	0.07	1.49	0.35	0.01	0.1	-1	-1	-1				
S9620039	327299	426141	6824369	100798	SOIL	15	2	54	0.2	13	215	1	3	14	2.33	1	30	2	2	57	5	2	2	14	7	15	311	0.35	0.17	0.98	0.12	0.01	0.09	-1	-1	-1				
S9620040	327300	426094	6824293	100798	SOIL	17	20	57	0.2	16	100	1	2	12	2.91	2	25	2	2	71	5	2	2	8	7	15	284	0.26	0.16	1.02	0.05	0.01	0.06	-1	-1	-1				
S9620041	327301	426054	6824199	100798	SOIL	41	26	110	0.2	28	329	1	19	33	3.34	1	47	2	2	48	5	2	2	41	5	16	1403	0.61	0.01	1.53	0.57	0.01	0.14	-1	-1	-1				
S9620042	327302	426003	6824101	100798	SOIL	38	15	118	0.2	65	489	1	7	34	3.07	2	49	2	2	51	5	2	2	65	3	18	571	0.75	0.04	1.68	0.65	0.01	0.11	-1	-1	-1				
S9620043	327303	425952	6824022	100798	SOIL	27	8	138	0.2	36	103	1	7	36	2.75	2	42	2	2	50	5	2	2	19	2	16	302	0.84	0.01	1.32	0.28	0.01	0.12	-1	-1	-1				
S9620044	327304	425908	6823943	100798	SOIL	19	12	65	0.2	18	199	1	7	23	2.23	1	35	2	2	33	5	2	2	11	5	22	318	0.58	0.08	1.02	0.37	0.01	0.11	-1	-1	-1				
S9620045	327305	425867	6823856	100798	SOIL	20	25	67	0.2	64	182	1	4	21	2.88	1	31	2	2	45	5	2	2	9	17	328	0.39	0.07	1.18	0.08	0.01	0.08	-1	-1	-1					
S9620046	327306	425823	6823754	100798	SOIL	38	19	227	0.2	172	403	1	5	32	2.38	1	32	2	2	32	5	2	2	75	4	21	387	0.48	0.02	1.4	0.81	0.01	0.13	-1	-1	-1				
S9620047	327307	425791	6823700	100798	SED	22	10	131	0.5	40	539	1	3	17	1.77	1	24	2	2	25	5	2	2	61	8	14	313	0.4	0.02	0.98	0.47	0.01	0.1	-1	-1	-1				
S9620048	327308	425771	6823661	100798	SOIL	46	22	210	0.4	62	422	1	7	32	2.78	1	34	2	2	40	5	2	2	73	3	23	480	0.48	0.04	1.48	0.62	0.01	0.11	-1	-1	-1				
S9620049	327309	425731	6823562	100798	SOIL	36	31	157	0.2	29	257	1	7	40	2.69	2	45	2	5	40	5	2	2	22	7	23	504	0.63	0.06	1.15	0.22	0.01	0.11	-1	-1	-1				
S9620050	327310	425679	6823498	100798	SOIL	29	17	131	0.5	62	401	1	10	34	2.49	5	38	2	2	35	5	2	2	43	5	23	359	0.47	0.04	0.84	0.25	0.01	0.07	-1	-1	-1				
S9620051	327311	425652	6823399	100798	SOIL	14	35	562	0.6	973	342	1	3	12	2.31	7	7	2	2	11	5	2	2	40	6	52	756	0.06	0.01	0.52	0.08	0.01	0.22	-1	-1	-1				
S9620052	327312	425682	6823310	100798	SOIL	26	30	156	0.7	119	483	1	4	19	1.92	5	18	2	2	25	5	2	2	56	5	39	553	0.19	0.01	0.64	0.11	0.01	0.09	-1	-1	-1				
S9620053	327313	425541	6823230	100798	SOIL	12	9	39	1.7	16	584	1	2	14	1.16	7	26	2	2	29	5	2	2	83	5	13	124	0.21	0.01	0.54	0.07	0.01	0.08	-1	-1	-1				
S9620054	327314	425494	6823133	100798	SOIL	6	23	13	3	18	2704	1	2	1	1.2	16	17	2	2	29	5	2	2	181	12	14	24	0.04	0.01	0.3	0.02	0.01	0.07	-1	-1	-1				
S9620055	327315	425444	6823052	100798	SOIL	21	12	37	5.1	36	719	1	2	16	2.01	10	34	2	2	49	5	2	2	97	6	14	111	0.16	0.01	1.36	0.03	0.01	0.1	-1	-1	-1				
S9620056	327316	425395	6822968	100798	SOIL	14	11	32	3	30	1961	1	2	8	1.72	36	19	2	2	61	5	2	2	189	2	13	70	0.14	0.02	0.51	0.08	0.01	0.11	-1	-1	-1				
S9620057	327317	425344	6822863	100798	SOIL	15	12	18	3.8	23	1073	1	2	3	1.73	39	17	2	7	75	5	2	2	277	1	14	21	0.04	0.01	0.28	0.03	0.01	0.18	-1	-1	-1				
S9620058	327318	425294	6822774	100798	SOIL	51	149	41	25.2	24	2144	1	2	3	2.15	253	55	2	53	631	5	2	2	629	11	49	40	0.03	0.01	0.66	0.04	0.01	0.23	-1	-1	-1				
S9620059	327319	425250	6822678	100798	SOIL	9	30	22	6.8	42	948	1	2	1	1.58	24	16	2	2	73	5	2	2	228	2	15	14	0.03	0.01	0.38	0.02	0.01	0.19	-1	-1	-1				
S9620060	327320	425205	6822611	100798	SOIL	70	21	45	10	189	1001	1	2	9	2.63	82	88	2	31	178	5	2	2	145	1	22	43	0.06	0.01	0.78	0.04	0.01	0.19	-1	-1	-1				
S9620061	327321	425112	6822522	100798	SOIL	81	26	84	0.6	27	614	1	5	38	1.97	2	58	2	2	32	5	2	2	31	5	2	2	64	12	14	1980	0.48	0.01	0.99	0.74	0.01	0.06	-1	-1	-1
S9620062	327322	424774	6821813	100798	SOIL	75	23	102	0.6	124	388	1	15	69	3.49	2	78	2	2	43	5	2	2	57	3	15	659	0.61	0.02	1.2	0.76	0.01	0.13	-1	-1	-1				
S9620063	327323	424329	6821363	100798	SOIL	48	26	143	0.5	42	605	1	11	80	2.45	3	69	2	2	33	5	2	2	38	3	20	751	0.64	0.03	1.21	0.58	0.01	0.17	-1	-1	-1				
S9620064	327323	424739	6821471	100798	SOIL	17	8	79	0.2	29	216	1	4	37	1.57	5	25	2	2	21	5	2	2	26	3	20	238	0.51	0.02	0.65	0.26	0.01	0.07	-1	-1	-1				
S9620065	327324	424431	6821517	100798	SOIL	47	7	111	0.4	41	572	1	9	57	2.21	2	78	2	2	34	5	2	2	37	5	12	533	0.54	0.02	0.97	0.39	0.01	0.12	-1	-1	-1				
S9620066	327325	424474	6821631	100798	SOIL	24	12	71	0.2	30	242	1	7	59	1.29	2	67	2	2	22	5	2	2	45	5	12	474	0.55	0.01	0.54	0.36	0.01	0.06	-1	-1	-1				
S9620067	327326	424615	6821904	100798	SOIL	75	15	99	0.4	31	344	1	6	42	1.51	1	44	2	2																					

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt/Au	Be-XRF			
S9620207	335025	426075	6824760	100796	SOIL	23	19	72	0.5	8	145	1	9	31	2.77	2	61	2	2	45	5	2	10	6	15	441	0.58	0.06	1.34	0.11	0.01	0.08	-1	-1	-1			
S9620208	335026	426074	6824660	100796	SOIL	36	24	79	0.4	18	307	1	11	31	2.79	1	101	2	2	45	5	2	17	1	19	615	0.74	0.06	1.28	0.25	0.01	0.07	-1	-1	-1			
S9620209	335027	425981	6824582	100796	SOIL	48	52	158	1.4	229	695	1	7	45	2.69	1	86	2	2	40	5	2	110	2	36	488	0.47	0.01	1.63	0.71	0.01	0.12	-1	-1	-1			
S9620210	335028	425983	6824504	100796	SOIL	43	28	97	0.4	65	317	1	10	38	2.52	1	74	2	2	32	5	2	28	2	25	570	0.63	0.05	1.13	0.29	0.01	0.09	-1	-1	-1			
S9620211	335029	425981	6824410	100796	SOIL	63	12	154	0.5	10	425	1	2	15	1.14	1	46	2	2	16	5	2	64	2	8	119	0.28	0.01	0.94	0.66	0.01	0.08	-1	-1	-1			
S9620212	335030	425983	6824320	100796	SOIL	46	5	68	0.5	75	233	1	6	28	1.76	2	52	2	2	24	5	2	61	3	15	445	0.45	0.02	0.98	0.56	0.01	0.08	-1	-1	-1			
S9620213	335032	425756	6824136	100796	SOIL	24	20	113	0.4	54	215	1	7	23	2.24	2	63	2	2	38	5	2	44	1	13	316	0.58	0.04	1.16	0.43	0.01	0.11	-1	-1	-1			
S9620214	335033	425708	6824044	100796	SOIL	30	10	54	0.6	64	286	1	4	23	1.54	1	57	2	2	23	5	2	59	1	13	295	0.37	0.02	0.95	0.52	0.01	0.07	-1	-1	-1			
S9620215	335034	425650	6823984	100796	SOIL	63	29	146	0.6	303	498	1	12	35	2.75	2	47	2	2	38	5	2	98	2	21	1431	0.64	0.02	1.75	0.05	0.01	0.1	-1	-1	-1			
S9620216	335035	425604	6823865	100796	SOIL	38	18	105	0.2	459	350	1	8	28	2.42	2	48	2	2	31	5	2	56	4	20	811	0.52	0.03	1.35	0.45	0.01	0.12	-1	-1	-1			
S9620217	335036	425555	6823773	100796	SOIL	20	23	87	0.5	35	214	1	8	28	3.38	3	48	2	2	54	5	2	21	2	17	536	0.56	0.07	1.54	0.1	0.01	0.11	-1	-1	-1			
S9620218	335037	425512	6823696	100796	SOIL	33	11	88	1.2	157	450	1	10	27	2.29	2	69	2	2	41	5	2	37	3	20	846	0.32	0.01	1.33	0.26	0.01	0.1	-1	-1	-1			
S9620219	335038	425474	6823602	100796	SOIL	56	16	87	1.1	63	701	1	6	33	2.1	2	55	2	2	29	5	2	116	2	23	419	0.35	0.01	1.07	0.52	0.01	0.1	-1	-1	-1			
S9620220	335039	425408	6823515	100796	SOIL	18	22	109	0.2	42	191	1	5	22	2.1	3	31	2	2	8	21	2	26	2	33	282	0.34	0.01	0.74	0.25	0.01	0.07	-1	-1	-1			
S9620221	335031	425790	6824226	100796	SOIL	8	2	34	0.2	21	221	1	2	7	0.98	2	14	2	2	29	5	2	19	3	13	90	0.1	0.04	0.52	0.04	0.01	0.06	-1	-1	-1			
S9620222	335041	425317	6823331	100796	SOIL	23	12	96	1	45	494	1	3	20	1.54	4	26	2	2	34	5	2	70	5	16	426	0.25	0.01	0.73	0.23	0.01	0.08	-1	-1	-1			
S9620223	335042	425711	6823246	100796	SOIL	29	41	122	0.5	139	299	1	6	30	2.28	5	33	2	2	30	5	2	35	3	18	485	0.27	0.01	0.99	0.05	0.01	0.07	-1	-1	-1			
S9620224	335043	425229	6823156	100796	SOIL	14	15	53	0.6	40	492	1	4	17	1.55	8	27	2	2	35	5	2	57	2	12	554	0.22	0.01	0.57	0.1	0.01	0.07	-1	-1	-1			
S9620225	335044	425188	6823064	100796	SOIL	11	19	39	1.8	34	435	1	2	9	1.4	11	20	2	2	41	5	2	86	3	13	65	0.09	0.01	0.48	0.04	0.01	0.08	-1	-1	-1			
S9620226	335045	425144	6822984	100796	SOIL	11	62	19	5.7	28	2389	1	2	2	0.95	111	20	2	23	201	5	2	334	4	17	16	0.02	0.01	0.41	0.03	0.01	0.1	-1	-1	-1			
S9620227	335046	425084	6822884	100796	SOIL	20	16	39	3	34	702	1	2	10	1.7	23	22	2	6	58	5	2	128	1	15	71	0.12	0.02	0.63	0.03	0.01	0.09	-1	-1	-1			
S9620228	335047	425049	6822814	100796	SOIL	14	8	64	2.2	2	508	1	2	5	1.76	15	26	2	2	52	5	2	120	3	15	70	0.15	0.01	0.78	0.05	0.01	0.1	-1	-1	-1			
S9620229	335048	425003	6822729	100796	SOIL	3	9	27	1	2	196	1	2	1	0.61	7	8	2	2	28	5	2	64	3	16	10	0.02	0.01	0.29	0.01	0.01	0.07	-1	-1	-1			
S9620230	335049	424981	6822639	100796	SOIL	9	11	24	0.4	19	95	1	2	7	0.97	8	1	8	2	2	8	5	2	17	2	15	454	0.05	0.01	0.55	0.21	0.01	0.05	-1	-1	-1		
S9620659	334720	426172	6822765	240796	SOIL	18	17	40	0.2	47	245	1	2	12	1.8	6	11	2	2	39	5	2	48	2	17	126	0.05	0.02	0.34	0.02	0.01	0.03	-1	-1	-1			
S9620660	334721	421613	6822840	240796	SOIL	24	12	42	0.2	39	385	1	2	12	1.26	5	12	2	2	26	5	2	42	2	21	77	0.08	0.01	0.57	0.03	0.01	0.04	-1	-1	-1			
S9620661	334722	421616	6822920	240796	SOIL	31	14	66	0.2	155	325	1	3	25	1.93	1	21	2	2	24	5	2	18	4	21	234	0.32	0.02	1	0.11	0.01	0.04	-1	-1	-1			
S9620662	334723	421610	6823043	240796	SOIL	30	31	92	0.2	50	220	1	9	32	2.78	1	34	2	2	33	5	2	13	3	21	1009	0.38	0.03	0.06	0.17	0.01	0.08	-1	-1	-1			
S9620663	334724	421614	6823137	240796	SOIL	40	24	81	0.2	37	261	1	4	24	2.23	1	25	2	2	25	5	2	16	5	23	461	0.39	0.03	0.88	0.17	0.01	0.05	-1	-1	-1			
S9620664	334725	421616	6823250	240796	SOIL	51	26	88	0.2	43	251	1	10	30	3.11	1	36	2	2	35	5	2	11	7	23	584	0.55	0.07	0.05	1.17	0.01	0.06	-1	-1	-1			
S9620665	334726	421617	6823432	240796	SOIL	36	22	63	0.2	31	289	1	9	31	2.98	1	40	2	2	36	5	2	12	5	22	1291	0.35	0.03	1.1	0.12	0.01	0.06	-1	-1	-1			
S9620666	334727	421618	6823540	240796	SOIL	20	11	51	0.2	18	215	1	6	23	2.19	1	27	2	2	30	5	2	9	4	19	371	0.35	0.04	0.82	0.1	0.01	0.05	-1	-1	-1			
S9620667	334728	421618	6823460	240796	SOIL	23	5	76	0.2	29	296	1	8	33	3.02	2	34	2	2	49	5	2	36	5	2	13	5	17	566	0.64	0.03	1.42	0.19	0.01	0.06	-1	-1	-1
S9620668	334729	421618	6823751	240796	SOIL	18	14	56	0.2	11	157	1	7	23	2.83	1	34	2	2	49	5	2	10	4	12	390	0.48	0.08	1.26	0.14	0.01	0.08	-1	-1	-1			
S9620669	334729	421618	6823467	240796	SOIL	6	10	13	0.2	10	73	1	2	7	0.6	1	13	2	2	23	5	2	13	4	8	342	0.46	0.02	1.51	0.16	0.02	0.05	-1	-1	-1			
S9620670	334730	421618	6823467	240796	SOIL	29	5	64	0.2	27	165	1	8	31	3.27	1	44	2	2	51	5	2	15	4	13	485	0.71	0.02	1.35	0.15	0.01	0.06	-1	-1	-1			
S9620671	334741	421612	6823491	240796	SOIL	60	15	59	0.2	19	559	1	7	71	2.05	1	65	2	2	32	5	2	62	7	11	302	0.51	0.01	1.41	0.82	0.02	0.07	-1	-1	-1			
S9620672	334743	421618	6823510	240796	SOIL	125	11	127	0.2	27	659	1	6	53																								

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Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF	
S9620733	334767	428771	6825157	250795	SOIL	118	22	108	0.2	15	226	1	19	74	3.72	1	37	2	2	55	5	2	32	15	18	1784	0.73	0.08	1.43	0.37	0.01	0.07	-1	-1	-1	
S9620734	334768	428776	6825270	250795	SOIL	86	9	66	0.2	23	40	1	10	35	4.29	1	69	2	2	79	5	2	6	3	7	852	1.01	0.25	1.75	0.11	0.01	0.06	-1	-1	-1	
S9620735	334769	428767	6825372	250795	SOIL	45	17	63	0.2	9	137	1	6	28	4.46	1	60	2	2	96	5	2	7	3	7	822	0.63	0.32	1.57	0.07	0.01	0.06	-1	-1	-1	
S9620736	334770	428764	6825484	250795	SOIL	41	15	56	0.2	15	134	1	7	31	2.56	1	31	2	2	38	5	2	8	3	16	845	0.44	0.05	1.05	0.08	0.01	0.06	-1	-1	-1	
S9620737	334801	428788	6825558	250795	SOIL	80	9	68	0.2	22	140	1	5	41	2.25	1	24	2	2	30	5	2	7	5	22	903	0.32	0.03	1.04	0.06	0.01	0.06	-1	-1	-1	
S9620738	334802	428756	6825566	250795	SOIL	159	14	57	0.2	20	508	1	5	29	3.06	1	36	2	2	50	5	2	22	14	36	1468	0.36	0.02	1.72	0.28	0.01	0.05	-1	-1	-1	
S9620739	334803	428782	6825770	250795	SOIL	42	13	63	0.2	22	121	1	6	31	3.64	1	51	2	2	58	5	2	7	3	12	499	0.5	0.1	1.28	0.11	0.01	0.08	-1	-1	-1	
S9620740	334804	428784	6825859	250795	SOIL	103	10	74	0.2	25	439	1	14	45	2.9	1	61	2	2	55	5	2	50	10	14	1423	0.83	0.03	1.85	1.13	0.02	0.05	-1	-1	-1	
S9620741	334805	428782	6825979	250795	SOIL	21	13	40	0.2	23	139	1	5	17	1.33	1	23	2	2	24	5	2	13	2	5	408	0.31	0.04	0.76	0.22	0.03	0.05	-1	-1	-1	
S9620742	334806	428752	6826073	250795	SOIL	52	8	71	0.2	25	258	1	8	30	2.23	1	32	2	2	37	5	2	14	6	18	502	0.55	0.07	1.14	0.28	0.01	0.08	-1	-1	-1	
S9620743	334807	428756	6826171	250795	SOIL	39	10	54	0.2	23	147	1	10	32	2.28	1	46	2	2	41	5	2	8	4	14	463	0.75	0.11	1.36	0.21	0.01	0.05	-1	-1	-1	
S9620744	334808	428747	6826296	250795	SOIL	15	2	18	0.2	22	72	1	2	5	0.74	1	12	2	2	15	5	2	22	5	1	71	0.11	0.02	0.49	0.07	0.03	0.04	-1	-1	-1	
S9620745	334809	428755	6826379	250795	SOIL	30	11	81	0.2	32	106	1	12	36	3.94	1	63	2	2	41	5	2	11	2	13	571	0.52	0.09	1.5	0.11	0.01	0.06	-1	-1	-1	
S9620746	334810	428748	6826470	250795	SOIL	21	4	47	0.2	15	77	1	6	24	2.1	1	44	2	2	22	5	2	9	3	13	284	0.55	0.09	1.09	0.23	0.01	0.04	-1	-1	-1	
S9620747	334811	428744	6826570	250795	SOIL	27	5	64	0.2	12	85	1	4	24	5.41	1	50	2	2	70	5	2	2	10	449	0.42	0.16	1.52	0.07	0.01	0.05	-1	-1	-1		
S9620748	334812	428745	6826692	250795	SOIL	18	2	39	0.2	2	59	1	2	19	1.92	1	31	2	2	35	5	2	6	1	6	174	0.32	0.07	0.87	0.11	0.02	0.04	-1	-1	-1	
S9620908	324335	423985	6822345	230795	SOIL	50	7	183	0.2	24	318	1	2	23	1.68	1	18	2	2	51	5	2	124	6	18	121	0.14	0.01	0.55	0.14	0.01	0.08	-1	-1	-1	
S9620909	324336	423987	6823242	230795	SOIL	9	2	22	0.2	5	125	1	2	1	0.54	1	2	2	2	19	5	2	50	2	18	15	0.01	0.01	0.31	0.02	0.01	0.05	-1	-1	-1	
S9620910	324337	423988	6824019	230795	SOIL	7	2	9	0.2	23	280	1	2	2	0.34	1	3	2	2	13	5	2	42	1	7	19	0.03	0.01	0.28	0.11	0.01	0.05	-1	-1	-1	
S9620911	324338	424002	6824158	230795	SOIL	14	2	7	0.2	5	438	1	2	9	0.52	1	2	2	2	14	5	3	97	2	1	3785	0.12	0.01	0.46	2.09	0.03	0.04	-1	-1	-1	
S9620912	324339	424022	6824262	230795	SOIL	51	2	69	0.2	6	558	3	2	44	0.35	1	2	2	2	13	2	2	184	4	1	674	0.56	0.01	0.51	2.96	0.02	0.04	-1	-1	-1	
S9620913	324340	423986	6824363	230795	SOIL	20	9	44	0.2	14	373	1	2	15	1	2	20	2	2	22	5	2	80	3	8	351	0.27	0.01	0.51	0.64	0.01	0.05	-1	-1	-1	
S9620914	324341	423983	6824478	230795	SOIL	25	6	88	0.2	40	528	1	9	18	1.48	1	15	2	2	35	5	2	135	4	6	3843	0.35	0.01	0.65	1.55	0.01	0.05	-1	-1	-1	
S9620915	324342	424006	6824565	230795	SOIL	36	17	158	0.5	36	506	1	11	28	1.99	1	18	2	2	48	5	2	102	5	9	1091	0.18	0.01	0.64	0.48	0.01	0.05	-1	-1	-1	
S9620916	324343	423983	6824742	230795	SOIL	39	18	146	0.4	33	456	1	2	30	1.62	1	24	2	2	46	5	2	113	6	21	206	0.21	0.01	0.75	0.24	0.01	0.08	-1	-1	-1	
S9620917	324344	423988	6824830	230795	SOIL	1	2	3	0.2	7	36	1	2	1	0.25	1	4	2	2	7	5	2	6	1	2	17	0.03	0.01	0.17	0.02	0.02	0.04	-1	-1	-1	
S9620918	324345	424005	6824948	230795	SOIL	65	20	192	0.2	13	384	1	8	53	1.84	1	34	2	2	44	5	2	110	7	13	488	0.62	0.01	1.03	0.75	0.01	0.07	-1	-1	-1	
S9620919	324346	424017	6825085	230795	SOIL	26	10	67	0.2	37	329	1	5	27	2.07	1	20	2	2	33	5	2	59	5	14	313	0.54	0.01	0.1	0.48	0.01	0.08	-1	-1	-1	
S9620920	324347	424012	6825246	230795	SOIL	73	4	92	0.2	18	388	1	2	22	0.78	1	9	2	2	14	5	2	98	5	4	112	0.22	0.01	0.62	1.39	0.02	0.05	-1	-1	-1	
S9620921	324348	423983	6825389	230795	SOIL	9	9	82	0.2	15	189	1	2	19	1.71	1	29	2	2	36	5	2	10	2	17	161	0.26	0.03	0.92	0.09	0.01	0.05	-1	-1	-1	
S9620922	324349	423985	6825519	230795	SOIL	36	7	142	0.2	23	325	1	7	55	2.24	1	50	2	2	32	5	2	31	7	20	313	0.73	0.04	1.01	0.43	0.01	0.08	-1	-1	-1	
S9620923	324350	423971	6826186	230795	SOIL	42	12	75	0.2	26	326	1	20	31	1.8	1	5	2	2	8	11	5	7	158	5	3	2788	0.32	0.01	0.75	3.16	0.02	0.05	-1	-1	-1
S9620924	324361	423946	6827028	230795	SOIL	1	5	22	0.2	9	146	1	2	8	0.61	1	2	2	2	21	5	2	101	2	1	509	0.02	0.01	0.2	1.39	0.02	0.04	-1	-1	-1	
S9620923	324362	426604	6824292	230795	SOIL	95	21	64	0.2	135	137	1	19	44	3.59	1	15	2	2	21	5	2	10	3	15	303	0.66	0.08	1.47	0.16	0.01	0.05	-1	-1	-1	
S9620924	324362	426604	6826216	230795	SOIL	66	12	75	0.2	54	315	1	9	38	2.48	1	17	2	2	20	5	2	9	2	9	108	0.17	0.06	0.63	0.1	0.01	0.05	-1	-1	-1	
S9620925	324363	426604	6826768	230795	SOIL	58	11	76	0.2	44	294	1	10	37	2.44	1	25	2	2	28	5	2	12	6	28	692	0.41	0.04	1.02	0.1	0.01	0.06	-1	-1	-1	
S9620926	324365	426601	6822778	230795	SOIL	43	22	79	0.2	35	312	1	11	34	2.78	1	27	2	2	33	5	2	20	9	23	689	0.58	0.07	1.13	0.25	0.01	0.07	-1	-1	-1	
S9620927	324366	426609	6822378	230795	SOIL	41	20	68	0.2	27	392	1	10	33	2.95	1	33	2	2	34	5	2	24	8</td												

**KZK**  
**Soils and Silt Geochemistry**

Lab No.	Field No.	UTMNE27	UTMNE27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	WtAu	Be-KRF		
S9621002	324432	420501	6824810	250798	SOIL	42	9	59	0.2	21	0.2	16	42	1	2	5	0.74	1	14	2	2	27	5	2	3	1	8	102	0.07	0.03	0.42	0.04	0.01	0.05	-1	-1	-1
S9621003	324433	420501	6824888	250798	SOIL	9	8	21	0.2	16	42	1	2	5	0.74	1	14	2	2	2	27	5	2	3	1	8	1076	0.87	0.08	1.47	0.17	0.01	0.06	-1	-1	-1	
S9621004	324434	420503	6824978	250798	SOIL	56	14	67	0.2	13	235	1	12	36	2.78	1	58	2	2	53	5	2	12	5	19	1076	0.87	0.08	1.47	0.17	0.01	0.06	-1	-1	-1		
S9621005	324435	420504	6825068	250798	SOIL	32	14	45	0.2	15	401	1	8	17	1.75	1	57	2	2	34	5	2	12	4	10	2206	0.16	0.01	1	0.12	0.01	0.06	-1	-1	-1		
S9621006	324436	420504	6825140	250798	SOIL	11	4	32	0.2	2	158	1	2	9	1.05	1	17	2	2	18	5	2	11	2	4	337	0.2	0.01	0.77	0.13	0.01	0.05	-1	-1	-1		
S9621007	324437	420504	6825259	250798	SOIL	44	7	66	0.2	15	182	1	9	32	2.25	1	32	2	2	37	5	2	14	5	20	698	0.52	0.07	0.96	0.21	0.01	0.08	-1	-1	-1		
S9621008	324438	420504	6825409	250798	SOIL	54	23	78	0.2	37	224	1	11	46	2.97	1	64	2	2	58	5	2	8	4	18	1180	0.88	0.08	1.38	0.16	0.01	0.05	-1	-1	-1		
S9621009	324439	420504	6825257	250798	SOIL	37	14	58	0.2	14	293	1	20	29	2.91	2	64	2	2	70	5	2	10	4	14	1457	0.5	0.11	1.29	0.16	0.01	0.06	-1	-1	-1		
S9621010	324440	420504	6825603	250798	SOIL	15	2	29	0.2	32	190	1	4	32	2.65	1	46	2	2	48	5	2	2	1	1	844	0.71	0.11	0.01	0.05	-1	-1	-1				
S9621011	324441	420508	6825705	250798	SOIL	6	18	15	0.2	2	10	72	1	2	7	0.88	1	14	2	2	17	5	2	2	4	1	2	163	0.11	0.04	0.36	0.03	0.01	0.05	-1	-1	-1
S9621012	324442	420505	6825801	250798	SOIL	41	21	55	0.2	10	188	1	14	35	2.39	1	50	2	2	45	5	2	2	11	5	18	925	0.77	0.1	1.38	0.21	0.01	0.05	-1	-1	-1	
S9621013	324443	420502	6825898	250798	SOIL	24	20	79	0.2	25	183	1	9	49	3.49	2	75	2	2	51	5	2	11	2	17	420	0.57	0.04	1.17	0.1	0.01	0.08	-1	-1	-1		
S9621014	324319	415503	6831599	80798	SOIL	37	20	66	0.2	75	266	1	11	33	2.91	2	24	2	2	25	5	2	36	5	11	996	0.31	0.01	0.61	0.66	0.02	0.07	-1	-1	-1		
S9621015	324320	415506	6831715	80798	SOIL	81	20	108	0.5	67	296	1	14	72	3.06	2	43	2	2	40	5	2	32	8	20	270	0.5	0.01	1.04	0.45	0.01	0.1	-1	-1	-1		
S9621016	324321	415508	6831873	80798	SOIL	50	28	93	0.2	51	226	1	9	40	2.4	1	33	2	2	32	5	2	37	7	16	261	0.44	0.01	0.92	0.64	0.01	0.08	-1	-1	-1		
S9621017	324322	415498	6832024	80798	SOIL	50	11	70	0.2	41	324	1	21	33	1.67	1	11	2	2	9	5	2	100	5	2	2875	0.22	0.01	0.41	2.44	0.02	0.05	-1	-1	-1		
S9621018	324323	415509	6832201	80798	SOIL	38	13	60	0.2	29	374	1	7	23	0.82	1	2	2	2	4	5	2	102	3	1	3498	0.22	0.01	0.4	2.85	0.02	0.04	-1	-1	-1		
S9621019	324324	415516	6832341	80798	SOIL	85	32	118	0.5	108	22	1	15	55	3.28	2	21	2	2	29	5	2	38	8	17	480	0.33	0.01	0.78	0.72	0.01	0.08	-1	-1	-1		
S9621020	324325	415511	6832478	80798	SOIL	18	5	38	0.2	31	141	1	3	11	0.92	1	8	2	2	11	5	2	34	3	4	126	0.15	0.01	0.47	0.69	0.03	0.05	-1	-1	-1		
S9621021	324326	415502	6832617	80798	SOIL	58	15	63	0.2	30	271	1	8	34	2.73	1	21	2	2	35	5	2	58	5	11	401	0.48	0.01	1.05	0.9	0.02	0.07	-1	-1	-1		
S9621022	324327	415498	6832726	80798	SOIL	40	25	104	0.2	35	387	1	3	25	1.26	1	29	2	2	40	5	2	76	6	13	200	0.35	0.01	1.03	0.88	0.02	0.11	-1	-1	-1		
S9621023	324328	415487	6832856	80798	SOIL	79	25	207	1.4	43	484	1	10	57	2.51	4	33	2	2	60	5	2	80	9	23	454	0.41	0.01	1.01	0.44	0.01	0.15	-1	-1	-1		
S9621024	324329	415491	6832974	80798	SOIL	40	21	119	0.9	31	630	1	6	34	1.81	6	29	2	2	47	5	2	91	7	19	278	0.35	0.02	0.74	0.34	0.01	0.09	-1	-1	-1		
S9621025	324330	415490	6833049	80798	SOIL	33	21	106	0.2	20	343	1	9	54	2.28	2	56	2	2	41	5	2	46	7	20	660	0.68	0.04	1.02	0.44	0.01	0.09	-1	-1	-1		
S9621026	324331	415500	6833165	80798	SOIL	49	15	105	0.2	12	412	1	8	28	1.31	1	32	2	2	21	5	2	112	7	10	823	0.33	0.01	0.91	1.76	0.02	0.06	-1	-1	-1		
S9621027	324332	415511	6833324	80798	SOIL	5	8	5	0.2	2	79	1	2	4	0.19	1	2	2	2	5	5	2	29	2	1	181	0.06	0.01	0.15	0.44	0.03	0.04	-1	-1	-1		
S9621028	324333	415516	6833444	80798	SOIL	22	12	40	0.2	13	232	1	3	13	0.88	1	6	2	2	10	5	2	88	3	4	595	0.13	0.01	0.48	1.29	0.03	0.04	-1	-1	-1		
S9621029	324334	415515	6833610	80798	SOIL	29	19	59	0.2	24	340	1	3	17	1.52	1	18	2	2	20	5	2	94	11	28	461	0.25	0.01	0.8	1.26	0.02	0.09	-1	-1	-1		
S9621030	324335	415508	6833752	80798	SOIL	14	11	8	0.2	2	155	1	2	1	0.54	3	9	2	2	17	5	2	30	3	7	10	0.02	0.01	0.4	0.01	0.01	0.09	-1	-1	-1		
S9621031	324336	415507	6833844	80798	SOIL	59	24	207	0.2	2	305	1	2	14	1.21	1	21	2	2	66	5	2	104	3	18	81	0.08	0.01	0.58	0.06	0.01	0.09	-1	-1	-1		
S9621032	324337	415508	6833856	80798	SOIL	12	65	75	0.2	17	288	1	4	18	1.38	2	25	2	2	31	5	2	31	3	15	135	0.31	0.05	0.71	0.08	0.01	0.06	-1	-1	-1		
S9621033	324338	414465	6824862	230798	SOIL	14	17	108	0.2	18	271	1	2	13	1.54	2	32	2	2	38	5	2	94	4	12	36	0.06	0.01	0.47	0.04	0.01	0.06	-1	-1	-1		
S9621034	324339	414465	6824862	230798	SOIL	5	18	49	0.8	8	515	1	2	7	1.02	3	16	2	2	27	5	2	56	3	16	128	0.18	0.02	0.52	0.12	0.01	0.07	-1	-1	-1		
S9621035	324340	414464	6824864	230798	SOIL	6	22	44	0.2	25	329	1	2	6	1.24	4	14	2	2	31	5	2	49	3	13	77	0.11	0.01	0.54	0.06	0.01	0.06	-1	-1	-1		
S9621036	324341	414464	6824865	230798	SOIL	14	64	92	0.2	19	191	1	2	14	1.8	3	21	2	2	30	5	2	36	3	18	177	0.28	0.03	0.68	0.07	0.01	0.08	-1	-1	-1		
S9621037	324342	414462	6824865	230798	SOIL	36	27	91	0.2	21	347	1	9	40	2.66	1	49	2	2	38	5	2	87	7	9	5151	0.45	0.02	1	1.21	0.01	0.07	-1	-1	-1		
S9621038	324343	414467	6824867	230798	SOIL	55	16	682	1.1	41	1549	6	6	82	2.04	6	25	2	2	33	5	2	63	7	17	353	0.26	0.01	0.84	0.25	0.01	0.08	-1	-1	-1		
S9621039	324344	414467	6824877	230798	SOIL	6	12	27	0.2	14	206	1	2	5	1.12	1	15	2	2	28																	

**KZK**  
**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	WtAu	Ba-XRF
S9621120	335153	427002	6824117	250796	SOIL	37	312	139	0.7	20	302	1	3	28	1.58	1	23	2	2	21	5	4	73	9	15	487	0.27	0.01	1.56	1.46	0.02	0.07	-1	-1	-1
S9621121	335154	427008	6824117	250796	SOIL	44	19	151	0.4	22	291	1	17	93	2.67	2	64	2	2	42	5	2	32	7	22	1188	0.87	0.03	1.12	0.44	0.01	0.11	-1	-1	-1
S9621122	335155	427012	6824312	250796	SED	41	17	110	0.2	14	372	1	8	58	2.11	1	85	2	2	33	5	2	53	9	16	590	0.81	0.03	1.31	0.98	0.01	0.1	-1	-1	-1
S9621123	335156	427005	6824422	250796	SOIL	29	10	82	0.2	58	270	1	9	39	3.22	1	69	2	2	66	5	2	14	4	17	601	0.73	0.05	1.78	0.22	0.01	0.08	-1	-1	-1
S9621124	335157	427006	6824524	250796	SOIL	24	4	39	0.2	23	452	1	5	34	1.78	1	37	2	2	30	5	2	42	5	9	309	0.44	0.02	1.07	0.78	0.02	0.06	-1	-1	-1
S9621125	335158	427005	6824611	250796	SOIL	20	5	34	0.2	16	302	1	2	20	1.01	1	26	2	2	19	5	2	41	4	5	250	0.25	0.02	0.83	0.94	0.03	0.06	-1	-1	-1
S9621126	335159	427009	6824715	250796	SOIL	34	16	58	0.2	15	463	1	4	40	1.71	1	48	2	2	29	5	2	53	9	18	302	0.37	0.01	1.23	0.7	0.02	0.06	-1	-1	-1
S9621127	335160	427001	6824834	250796	SOIL	58	16	45	1.6	28	667	1	5	35	1.6	1	33	2	2	24	5	3	82	17	21	690	0.33	0.01	1.38	1.39	0.02	0.06	-1	-1	-1
S9621128	335161	427004	6824921	250796	SOIL	32	13	14	0.8	25	249	1	2	12	0.57	1	9	2	2	9	5	3	57	12	19	97	0.09	0.01	0.65	0.76	0.03	0.05	-1	-1	-1
S9621129	335162	427004	6825032	250796	SOIL	100	11	26	1.5	65	307	1	2	28	1.07	1	15	2	2	13	5	2	104	22	15	476	0.13	0.01	0.88	1.64	0.02	0.06	-1	-1	-1
S9621130	335163	427010	6825131	250796	SOIL	115	94	388	1	61	436	2	6	44	2.04	3	37	2	2	27	5	3	61	19	22	528	0.48	0.01	1.4	1.01	0.01	0.1	-1	-1	-1
S9621131	335164	427013	6825174	250796	SED	92	488	503	0.7	45	278	3	5	38	2.03	2	39	2	5	25	5	2	41	18	23	361	0.48	0.01	1.04	0.7	0.01	0.1	-1	-1	-1
S9621132	335165	427005	6825128	250796	SOIL	58	215	140	0.8	44	335	1	10	50	2.81	2	66	2	2	46	5	2	33	9	19	652	0.77	0.04	1.62	0.48	0.01	0.12	-1	-1	-1
S9621133	335166	427003	6825321	250796	SOIL	58	2	5	0.2	2	259	1	2	9	0.31	1	6	2	2	3	5	2	18	5	7	18	0.01	0.01	0.25	0.14	0.02	0.04	-1	-1	-1
S9621134	335167	427004	6825434	250796	SOIL	45	75	92	0.7	2	383	1	4	42	1.71	1	49	2	2	29	5	2	26	7	13	303	0.4	0.02	1.33	0.46	0.02	0.06	-1	-1	-1
S9621135	335168	426999	6825628	250796	SOIL	13	2	20	0.2	5	123	1	2	6	0.49	1	7	2	2	7	5	3	11	2	5	42	0.06	0.01	0.36	0.13	0.02	0.04	-1	-1	-1
S9621136	335176	426998	6825727	250796	SOIL	64	193	28	0.2	2	362	1	2	12	0.61	1	4	2	2	7	5	2	74	7	5	1062	0.07	0.01	0.52	2.68	0.02	0.04	-1	-1	-1
S9621137	335172	427004	6825932	250796	SOIL	60	10	22	0.7	14	549	1	10	19	1.08	1	11	2	2	12	5	2	86	6	10	537	0.11	0.01	0.89	1.8	0.02	0.04	-1	-1	-1
S9621138	335173	427005	6826029	250796	SOIL	42	10	54	0.2	21	369	1	8	23	1.68	1	41	2	2	27	5	2	57	5	12	913	0.34	0.02	1.22	0.91	0.02	0.06	-1	-1	-1
S9621140	335174	427004	6826134	250796	SOIL	23	8	65	0.2	18	171	1	8	31	2.27	1	45	2	2	36	5	2	12	4	14	377	0.6	0.06	1.04	0.17	0.01	0.07	-1	-1	-1
S9621141	335175	427007	6826242	250796	SOIL	46	13	50	0.2	25	370	1	8	21	1.88	1	40	2	2	32	5	2	22	8	17	543	0.34	0.04	0.96	0.25	0.01	0.07	-1	-1	-1
S9621142	335176	427003	6826333	250796	SOIL	42	6	72	0.2	24	206	1	6	28	2.06	1	27	2	2	27	5	2	23	5	20	466	0.44	0.03	0.83	0.27	0.01	0.06	-1	-1	-1
S9621144	335178	427006	6826435	250796	SOIL	75	17	112	0.5	22	553	1	9	45	2.39	1	39	2	2	32	5	2	43	10	20	765	0.47	0.01	1.62	0.56	0.01	0.08	-1	-1	-1
S9621145	335179	427002	6826636	250796	SOIL	52	29	209	0.8	80	412	1	5	37	2.01	1	32	2	2	21	5	2	49	14	30	465	0.47	0.01	1.27	0.72	0.01	0.09	-1	-1	-1
S9621146	335180	426996	6826741	250796	SOIL	83	21	163	0.2	35	489	3	2	29	0.99	1	13	2	2	11	5	2	142	17	22	388	0.26	0.01	0.66	2.17	0.01	0.08	-1	-1	-1
S9621147	335181	427002	6826846	250796	SOIL	58	21	157	0.8	30	576	4	7	37	1.47	1	29	2	2	20	5	2	11	16	1095	0.39	0.01	0.94	1.84	0.01	0.06	-1	-1	-1	
S9621148	335182	427007	6826946	250796	SOIL	121	13	226	1.1	31	601	5	6	61	1.71	1	50	2	2	29	5	2	94	11	17	546	0.51	0.01	1.14	0.92	0.01	0.06	-1	-1	-1
S9621149	335201	427917	6826359	250796	SOIL	20	6	71	0.2	10	290	1	7	19	3.12	1	34	2	2	67	5	2	12	4	12	718	0.58	0.09	1.44	1.16	0.01	0.06	-1	-1	-1
S9621150	335202	427918	6826384	250796	SOIL	31	13	66	0.2	8	613	1	7	28	2.61	1	68	2	2	56	5	2	9	3	17	700	0.38	0.02	1.09	0.99	0.01	0.07	-1	-1	-1
S9621151	335203	427904	6826378	250796	SOIL	37	12	55	0.2	2	532	1	4	23	1.67	1	33	2	2	22	5	2	16	4	22	628	0.35	0.01	0.86	0.15	0.01	0.06	-1	-1	-1
S9621152	335204	427903	6826395	250796	SOIL	52	2	57	0.2	9	334	1	10	46	2.02	1	58	2	2	34	5	2	14	5	23	1081	0.73	0.09	1.15	0.24	0.01	0.05	-1	-1	-1
S9621153	335205	427912	6826407	250796	SOIL	72	4	68	0.2	2	222	1	5	36	2.46	1	43	2	2	34	5	2	13	4	20	733	0.67	0.07	1.04	0.14	0.01	0.06	-1	-1	-1
S9621154	335206	427901	6826407	250796	SOIL	26	1093	76	0.4	9	212	1	7	42	2.73	1	63	2	2	44	5	2	10	3	16	582	0.72	0.06	1.2	0.12	0.01	0.06	-1	-1	-1
S9621155	335208	427908	6826499	250796	SOIL	72	7	71	0.4	9	315	1	9	46	2.93	1	74	2	2	58	5	2	16	7	18	1171	1.13	0.16	1.67	0.32	0.01	0.07	-1	-1	-1
S9621156	335209	427897	6826499	250796	SOIL	45	7	63	0.2	12	131	1	2	27	2.85	1	57	2	2	48	5	2	11	2	16	3253	0.58	0.09	0.99	0.26	0.01	0.07	-1	-1	-1
S9621157	335211	427901	6826458	250796	SOIL	54	4	73	0.2	11	255	1	7	30	2.45	1	48	2	2	43	5	2	13	6	18	895	0.85	0.18	1.26	0.25	0.01	0.06	-1	-1	-1
S9621158	335219	427885	6826588	250796	SOIL	61	14	98	0.2	9	206	1	7	34	2.74	1	42	2	2	45	5	2	15	5	21	1340	0.62	0.1	1.19	0.22	0.01	0.07	-1	-1	-1
S9621159	335220	427882	6826596	250796	SOIL	61	38	61	0.2	6	331	1	5	26	2.33	1	48	2																	

**KZK**  
Soils and Silt Geochemistry

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K	Au	WtAu	Ba-XRF					
S9621281	335328	422316	6819813	200706	SOIL	43	71	171	0.2	27	175	1	12	74	3.36	2	68	2	2	4	1	4	2	2	24	2	1	201	0.1	0.02	0.28	0.67	0.04	0.04	-1	-1	-1			
S9621282	335329	422313	6820013	200706	SOIL	15	2	18	0.2	11	221	1	11	54	2.69	1	65	2	2	2	37	5	2	2	42	5	14	470	0.69	0.03	1.04	1.14	0.02	0.05	-1	-1	-1			
S9621283	335329	422314	6820013	200706	SOIL	39	6	142	0.2	11	221	1	11	0.33	1	1	4	2	2	4	5	2	2	24	2	1	201	0.1	0.02	0.28	0.67	0.04	0.04	-1	-1	-1				
S9621284	335331	422317	6820110	200706	SOIL	52	8	146	0.2	25	189	1	24	100	4.3	1	107	2	2	2	68	5	2	2	39	7	19	627	1.19	0.09	1.56	1.16	0.01	0.08	-1	-1	-1			
S9621285	335332	422313	6820216	200706	SOIL	45	10	139	0.2	29	423	1	14	72	2.7	1	57	2	2	2	39	5	2	2	79	6	14	1548	0.64	0.04	1	2.16	0.01	0.05	-1	-1	-1			
S9621286	335333	422320	6820308	200706	SOIL	37	2	57	0.2	21	341	1	4	44	1.72	1	10	2	2	2	11	5	2	2	96	4	4	780	0.2	0.02	0.47	2.68	0.01	0.04	-1	-1	-1			
S9621287	335334	422311	6820417	200706	SOIL	81	19	143	0.4	31	386	1	14	96	3.87	3	78	2	2	2	57	5	2	2	40	13	25	741	0.94	0.08	1.36	1.05	0.02	0.1	-1	-1	-1			
S9621288	335335	422313	6820617	200706	SOIL	8	14	58	0.2	11	139	1	2	15	1.83	1	45	2	2	2	36	5	2	2	7	3	12	272	0.34	0.16	0.81	0.09	0.01	0.03	-1	-1	-1			
S9621289	335337	422313	6820721	200706	SOIL	13	45	95	0.2	4	211	1	5	43	3.05	1	84	2	2	2	52	5	2	2	23	5	17	387	0.87	0.14	1.44	0.44	0.01	0.13	-1	-1	-1			
S9621291	335338	422312	6820811	200706	SOIL	31	37	145	0.2	13	139	1	10	61	3.35	2	56	2	2	2	48	5	2	2	10	3	16	332	0.51	0.03	1.23	1.13	0.01	0.04	-1	-1	-1			
S9621292	321931	425162	6824664	230706	SOIL	180	13	230	4.6	27	1730	24	2	102	1	3	25	2	2	2	17	5	2	2	110	18	14	956	0.24	0.01	0.84	0.72	0.02	0.07	-1	-1	-1			
S9621293	321932	425164	6824756	230706	SOIL	125	2	187	0.2	6	766	5	2	25	0.58	2	19	2	2	2	20	5	2	2	46	9	12	85	0.19	0.02	0.29	0.02	0.03	-1	-1	-1				
S9621294	321933	425162	6824851	230706	SOIL	79	713	280	2.4	47	1842	7	38	54	2.78	7	34	2	2	2	44	5	2	2	123	11	18	1801	0.42	0.01	1.55	0.88	0.02	0.06	-1	-1	-1			
S9621295	321934	425162	6824960	230706	SOIL	26	16	95	0.2	9	471	1	4	21	1.93	2	37	2	2	2	39	5	2	2	26	9	20	468	0.69	0.02	1.71	0.19	0.02	0.05	-1	-1	-1			
S9621297	321936	425173	6825167	230706	SOIL	16	31	82	0.2	13	283	1	5	20	1.88	1	34	2	2	2	34	5	2	2	14	4	11	343	0.43	0.05	1.17	1.18	0.02	0.07	-1	-1	-1			
S9621298	321937	425161	6825265	230706	SOIL	52	85	451	0.7	28	1048	8	7	77	2.69	2	44	2	2	2	43	5	2	2	60	14	21	3445	0.69	0.04	1.82	1.08	0.02	0.11	-1	-1	-1			
S9621299	321938	425170	6825362	230706	SOIL	31	75	85	0.2	25	152	1	7	32	2.54	1	44	2	2	2	45	5	2	2	23	7	19	508	0.63	0.11	1.19	0.34	0.01	0.07	-1	-1	-1			
S9621300	321939	425164	6825466	230706	SOIL	18	16	130	0.2	3	544	1	2	20	1.51	1	30	2	2	2	30	5	2	2	30	4	9	363	0.38	0.02	1.04	0.33	0.02	0.05	-1	-1	-1			
S9621301	321940	425165	6825571	230706	SOIL	29	54	372	0.2	10	888	2	10	50	2.62	2	44	2	2	2	42	5	2	2	37	8	18	956	0.65	0.07	1.45	0.48	0.01	0.06	-1	-1	-1			
S9621302	321941	425166	6825569	230706	SOIL	37	14	181	0.2	12	696	1	5	38	1.92	4	36	2	2	2	35	5	2	2	37	7	11	1156	0.49	0.02	1.21	0.61	0.02	0.07	-1	-1	-1			
S9621303	321942	425170	6825675	230706	SOIL	37	24	74	1.8	13	561	1	2	34	1.6	4	44	2	2	2	37	5	2	2	24	5	8	345	0.27	0.01	1.33	0.15	0.02	0.08	-1	-1	-1			
S9621304	321943	425169	6825877	230706	SOIL	15	18	83	0.2	7	213	1	2	28	2.43	1	46	2	2	2	50	5	2	2	16	3	17	321	0.48	0.06	1.04	0.18	0.01	0.07	-1	-1	-1			
S9621305	321944	425171	6826599	230706	SOIL	28	19	91	1.4	28	395	1	5	41	2.77	5	71	2	2	2	56	5	2	2	30	2	11	723	0.48	0.02	1.6	0.1	0.01	0.13	-1	-1	-1			
S9621306	321945	425167	6826068	230706	SOIL	8	108	33	0.2	2	122	1	2	14	1.31	1	31	2	2	2	36	5	2	2	8	2	15	140	0.36	0.07	0.86	0.11	0.01	0.04	-1	-1	-1			
S9621307	321946	425175	6826175	230706	SOIL	12	24	56	0.2	9	137	1	2	23	2.67	1	44	2	2	2	49	5	2	2	6	3	14	185	0.47	0.1	1.22	0.07	0.01	0.04	-1	-1	-1			
S9621308	321947	425165	6826267	230706	SOIL	11	23	51	0.2	13	189	1	2	14	2.31	3	35	2	2	2	57	5	2	2	13	3	17	155	0.49	0.09	1.24	0.13	0.01	0.05	-1	-1	-1			
S9621309	321948	425173	6826379	230706	SOIL	23	23	74	0.4	14	112	1	2	17	1.54	2	28	2	2	2	41	5	2	2	20	3	20	92	0.12	0.02	0.81	0.05	0.01	0.04	-1	-1	-1			
S9621310	321949	425163	6826477	230706	SOIL	46	23	268	0.2	32	209	1	7	59	2.39	3	23	6	2	2	29	5	2	2	22	5	2	67	5	19	273	0.35	0.02	0.68	0.49	0.01	0.08	-1	-1	-1
S9621312	321951	425167	6826871	230706	SOIL	4	19	34	0.2	3	157	1	2	27	1.49	1	47	2	2	2	44	5	2	2	6	2	18	196	0.31	0.06	0.8	0.07	0.01	0.04	-1	-1	-1			
S9621313	321952	425173	6826769	230706	SOIL	5	114	33	0.2	2	107	1	2	6	0.8	2	23	2	2	2	31	5	2	2	2	10	2	20	63	0.09	0.01	0.68	0.04	0.01	0.02	-1	-1	-1		
S9621314	321953	425165	6826892	230706	SOIL	175	28	110	0.2	47	179	1	8	68	3.18	13	9	2	2	2	28	5	2	2	53	5	24	106	0.04	0.01	0.39	0.01	0.06	-1	-1	-1				
S9621315	321954	425170	6827086	230706	SOIL	116	27	248	0.9	37	312	1	8	53	3.08	2	23	2	2	2	30	5	2	2	74	9	21	335	0.27	0.01	0.66	0.74	0.01	0.08	-1	-1	-1			
S9621316	321955	425162	6827085	230706	SOIL	56	30	127	0.2	148	409	1	5	38	2.1	1	20	2	2	2	21	5	2	2	53	7	18	965	0.28	0.02	0.61	0.41	0.01	0.07	-1	-1	-1			
S9621318	321956	425173	6827281	230706	SOIL	32	12	62	0.2	15	241	1	3	26	1.85	1	37	2	2	2	36	5	2	2	12	1	1	64	0.05	0.01	0.18	0.1	0.03	0.03	-1	-1	-1			
S9621319	321957	425181	6828008	230706	SOIL	9	10	71	0.2	13	130	1	2	11	0.29	4	2	2	2	8	5	2	2	28	1	1	1621	0.07	0.01	0.17	0.39	0.04	0.02	-1	-1	-1				
S9621320	321958	425182	6828235	230706	SOIL	82	58	191	0.5	28	419	1	7	81	2.17	3	85	2	2	2	49	5	2	2	50	7	20	1039	0.66	0.01	1.13	0.52	0.01	0.06	-1	-1	-1			

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mn	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF		
S0621379	334043	427463	6826283	240796	SOIL	38	40	27	0.2	19	259	1	2	14	0.75	1	12	2	10	5	27	3	3	190	0.13	0.02	0.58	0.88	0.02	0.04	-1	-1	-1				
S0621380	334044	427459	6826388	240796	SOIL	30	7	13	0.2	2	161	1	2	10	0.27	1	4	2	4	5	2	27	3	3	190	0.13	0.02	0.59	0.89	0.03	0.03	-1	-1	-1			
S0621381	334045	427457	68262517	240796	SOIL	27	18	56	0.2	14	144	1	5	29	3.65	2	43	2	2	54	5	2	7	2	17	460	0.37	0.05	1.13	0.08	0.01	0.05	-1	-1	-1		
S0621382	334046	427459	6826597	240796	SOIL	41	62	49	0.2	18	106	1	1	8	48	2	19	1	59	2	2	39	5	2	5	2	12	506	0.52	0.04	0.96	0.06	0.01	0.04	-1	-1	-1
S0621383	334047	427450	6826704	240796	SOIL	31	18	31	0.2	9	182	1	2	12	1.4	1	12	2	2	32	5	2	5	2	27	96	0.07	0.01	0.49	0.02	0.01	0.05	-1	-1	-1		
S0621384	334048	427462	6826803	240796	SOIL	36	129	54	0.2	8	138	1	2	12	0.93	3	6	2	2	29	5	2	5	1	22	48	0.01	0.01	0.26	0.02	0.01	0.03	-1	-1	-1		
S0621385	334049	427462	6826903	240796	SOIL	34	269	68	0.2	31	191	1	4	28	2.87	2	37	2	2	50	5	2	6	1	20	404	0.34	0.04	1.04	0.05	0.01	0.04	-1	-1	-1		
S0621386	334050	427460	6827002	240796	SOIL	31	7	18	0.2	4	396	1	2	9	0.84	1	6	2	2	12	5	2	2	5	1	9	90	0.02	0.01	0.21	0.02	0.01	0.03	-1	-1	-1	
S0621405	334070	428376	6823337	250796	SOIL	12	16	45	0.2	2	140	1	3	39	1.56	1	122	2	2	29	5	2	11	2	10	221	0.57	0.01	0.95	0.1	0.01	0.06	-1	-1	-1		
S0621406	334071	428373	6823545	250796	SOIL	20	17	51	0.2	7	331	1	4	28	2.01	1	71	2	2	42	5	2	23	4	14	648	0.42	0.01	1.27	0.35	0.01	0.06	-1	-1	-1		
S0621407	334072	428378	6823545	250796	SOIL	18	13	48	0.2	13	254	1	6	20	1.79	1	56	2	2	40	5	2	14	2	10	693	0.27	0.01	1.05	0.2	0.01	0.08	-1	-1	-1		
S0621408	334073	428369	6823649	250796	SED	33	11	61	0.2	7	67	1	6	26	1.84	1	45	2	2	32	5	2	15	3	13	921	0.36	0.01	0.65	0.17	0.01	0.08	-1	-1	-1		
S0621409	334074	428374	6823753	250796	SOIL	21	17	45	0.2	25	129	1	3	39	2.33	2	81	2	2	57	5	2	7	2	10	262	0.44	0.04	0.82	0.12	0.01	0.06	-1	-1	-1		
S0621410	334075	428371	6823851	250796	SOIL	31	19	62	0.2	26	221	1	11	43	2.92	1	70	2	2	72	5	2	15	3	17	616	0.15	0.12	1.49	0.28	0.01	0.07	-1	-1	-1		
S0621411	334078	428378	6823945	250796	SOIL	43	17	64	0.2	19	354	1	9	43	2.71	1	63	2	2	55	5	2	18	5	20	1082	1.1	0.11	1.45	0.31	0.01	0.08	-1	-1	-1		
S0621412	334077	428373	6824065	250796	SOIL	96	65	92	0.2	20	623	1	35	40	2.38	1	30	2	2	37	5	2	15	6	22	5256	0.52	0.04	1.21	0.2	0.01	0.1	-1	-1	-1		
S0621413	334078	428366	6824163	250796	SOIL	22	16	42	0.2	18	191	1	5	24	1.84	1	49	2	2	36	5	2	11	594	0.41	0.03	0.85	0.12	0.01	0.06	-1	-1	-1				
S0621414	334079	428372	6824253	250796	SOIL	36	19	87	0.2	27	224	1	8	33	2.59	2	50	2	2	50	5	2	11	3	18	1023	0.57	0.05	1.18	0.13	0.01	0.07	-1	-1	-1		
S0621415	334080	428374	6824356	250796	SOIL	2	9	4	0.2	2	35	1	2	1	0.27	1	4	2	2	6	5	2	4	1	1	46	0.04	0.01	0.16	0.04	0.02	0.03	-1	-1	-1		
S0621416	334081	428363	6824457	250796	SOIL	16	17	58	0.2	16	153	1	2	17	1.52	1	36	2	2	52	5	2	9	1	10	524	0.23	0.01	0.65	0.2	0.01	0.07	-1	-1	-1		
S0621417	334082	428362	6824551	250796	SOIL	10	14	37	0.2	4	70	1	2	18	1.87	1	52	2	2	43	5	2	5	1	7	258	0.24	0.03	0.65	0.05	0.01	0.05	-1	-1	-1		
S0621418	334083	428357	6824651	250796	SOIL	31	19	69	0.2	44	186	1	11	35	2.63	1	46	2	2	48	5	2	17	3	18	485	0.57	0.07	1.09	0.25	0.01	0.05	-1	-1	-1		
S0621419	334084	428362	6824750	250796	SOIL	4	22	5	0.2	6	99	1	2	2	0.22	1	2	2	2	6	5	2	4	1	1	18	0.02	0.01	0.07	0.02	0.01	0.03	-1	-1	-1		
S0621420	334085	428348	6824861	250796	SOIL	34	39	71	0.2	17	123	1	8	30	2.31	1	36	2	2	46	5	2	11	2	14	301	0.48	0.05	1.25	0.13	0.01	0.06	-1	-1	-1		
S0621421	334086	428359	6824955	250796	SOIL	90	36	96	0.2	21	232	1	24	75	4.54	1	100	2	2	98	5	2	25	6	11	1297	2.22	0.13	2.67	0.48	0.01	0.08	-1	-1	-1		
S0621422	334087	428357	6825082	250796	SOIL	51	22	79	0.2	23	124	1	14	28	3.57	1	57	2	2	75	5	2	10	2	10	831	0.71	0.27	1.49	0.11	0.01	0.05	-1	-1	-1		
S0621423	334088	428350	6825164	250796	SEQ	239	42	100	0.5	25	590	1	15	37	2.99	1	52	2	2	69	5	2	22	7	23	2463	0.41	0.03	1.5	0.41	0.01	0.08	-1	-1	-1		
S0621424	334089	428351	6825254	250796	SOIL	70	46	77	0.2	18	188	1	8	43	2.49	2	33	2	2	43	5	2	10	3	21	812	0.37	0.04	1.14	0.09	0.01	0.05	-1	-1	-1		
S0621425	334090	428358	6825358	250796	SOIL	4	13	4	0.2	4	20	1	2	2	0.24	1	2	2	2	2	2	10	3	21	812	0.37	0.04	1.14	0.09	0.01	0.05	-1	-1	-1			
S0621426	334091	428347	6825447	250796	SOIL	62	23	83	0.2	19	559	1	13	38	3.01	1	58	2	2	75	5	2	14	5	12	910	1	0.21	1.52	0.37	0.01	0.05	-1	-1	-1		
S0621427	334092	428340	6825560	250796	SOIL	32	25	44	0.2	8	186	1	5	21	2.23	2	42	2	2	69	5	2	14	5	16	365	0.35	0.02	1.09	0.1	0.01	0.04	-1	-1	-1		
S0621428	334093	428342	6825669	250796	SOIL	62	138	112	0.4	24	318	1	18	49	3.39	2	68	2	2	65	5	2	18	3	16	1203	0.94	0.11	1.71	0.31	0.01	0.07	-1	-1	-1		
S0621429	334174	427308	6820478	20796	SOIL	23	12	130	0.2	15	204	1	8	39	1.77	1	44	2	2	29	5	2	38	5	14	746	0.54	0.03	0.96	0.98	0.01	0.05	-1	-1	-1		
S0621430	334174	427307	6820269	20796	SOIL	56	2	183	0.2	33	287	1	15	68	2.91	1	73	2	2	43	5	2	47	5	18	458	0.86	0.04	1.29	1.24	0.01	0.06	-1	-1	-1		
S0621431	334175	427310	6820269	20796	SOIL	55	25	171	1.1	26	306	1	14	74	2.66	1	78	2	2	44	5	2	41	5	18	745	0.88	0.04	1.28	1.08	0.01	0.07	-1	-1	-1		
S0621500	334176	427308	6821615	20796	SOIL	60	2	169	0.7	34	410	1	20	92	3.85	1	83	2	2	46	5	2	44	5	17	1669	0.93	0.03	1.31	1.13	0.01	0.05	-1	-1	-1		
S0621501	334177	427308	6820026	20796	SOIL	80	6	173	0.7	48	498	1	29	102	4.29	1	64	2	2	38	5	2	77	5	13	4144	0.86	0.02	1.11	2.39	0.01	0.05	-1	-1	-1		
S0621502	334178	427315	6819970	20796	SOIL	78	9	153	0.2	37	443	1	24	104	3.5	1	80	2	2	45	5	2	48	4	14	2007											

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Br	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF				
S9420621	242285	425041	6822845		SOIL	8	9	10	0.7	5	84	1	1	1	0.46	3	4	2	2	13	1	1	25	1	3	9	0.01	0.01	0.57	0.02	0.02	0.02	5	10	1998				
S9420622	242286	425036	6822894		SOIL	12	35	8	1.2	13	714	1	1	1	2.05	29	11	2	2	5	48	3	1	121	1	10	7	0.02	0.01	0.28	0.01	0.01	0.06	15	10	8770			
S9420623	242287	425049	6822941		SOIL	16	25	8	3.7	30	2192	1	1	3	0.85	4	8	2	2	2	15	1	1	46	3	1	108	3	9	117	0.14	0.01	0.59	0.04	0.01	0.11	5	10	5425
S9420624	242288	425074	6822982		SOIL	15	26	39	2.1	25	1319	1	3	10	1.74	25	17	2	2	2	56	5	1	108	3	9	164	0.26	0.01	0.9	0.05	0.01	0.08	5	10	4047			
S9420625	242289	425092	6823041		SOIL	23	14	36	2.3	30	631	1	4	22	1.86	19	28	2	2	2	55	4	1	95	3	9	164	0.26	0.01	0.9	0.05	0.01	0.08	5	10	3919			
S9420626	242290	425115	6823081		SOIL	12	18	31	3.6	34	589	1	2	10	2.09	12	21	2	2	6	69	3	1	69	3	9	79	0.17	0.01	1.23	0.04	0.01	0.17	5	10	4524			
S9420628	242292	425161	6823112		SOIL	8	23	28	3.6	21	841	1	1	4	1.3	34	10	2	2	8	65	2	1	122	1	9	13	0.01	0.01	0.27	0.04	0.01	0.17	5	10	2199			
S9420629	242293	425204	6823191		SOIL	18	20	18	1.5	14	727	1	1	4	0.86	7	8	2	2	2	27	1	1	59	3	6	23	0.03	0.01	0.52	0.02	0.01	0.05	5	10	4282			
S9420630	242294	425242	6823239		SOIL	10	20	23	1.4	21	443	1	2	8	1.42	11	14	2	2	33	3	1	57	1	8	55	0.1	0.01	0.59	0.01	0.01	0.06	19	10	4339				
S9420631	242295	425262	6823282		SOIL	18	22	29	4.4	19	507	1	2	13	1.6	13	19	2	2	40	3	1	68	2	10	52	0.12	0.01	0.98	0.01	0.01	0.09	18	10	5244				
S9420632	242296	425267	6823236		SOIL	19	19	29	5.2	22	740	1	2	14	1.26	10	15	2	2	30	1	1	74	4	9	41	0.12	0.01	0.82	0.01	0.01	0.08	17	10	4056				
S9420633	242297	425257	6823379		SOIL	12	18	49	3.8	26	365	1	3	15	1.71	10	19	2	2	44	3	1	64	2	8	86	0.14	0.01	0.87	0.02	0.01	0.07	5	10	3744				
S9420634	242298	425227	6823422		SOIL	23	21	71	2.5	36	446	1	3	19	1.98	9	25	7	5	51	1	1	81	4	10	120	0.19	0.01	1.19	0.03	0.01	0.09	5	10	3849				
S9420635	242299	425189	6824353		SOIL	9	22	10	1.1	7	267	1	1	2	0.31	8	9	2	2	24	1	1	53	1	7	8	0.01	0.01	0.35	0.01	0.01	0.02	5	10	3889				
S9420637	242301	425072	6823547		SOIL	23	31	24	4.9	24	2459	1	2	5	1.23	26	14	2	6	65	1	1	179	3	13	22	0.04	0.01	0.6	0.02	0.01	0.04	5	10	4597				
S9420638	242302	425024	6823575		SOIL	21	29	9	2.8	23	2745	1	1	1	0.67	27	9	2	14	70	1	2	169	4	13	5	0.01	0.01	0.24	0.01	0.01	0.03	5	10	9935				
S9420639	242303	424998	6823613		SOIL	10	25	29	3.1	11	444	1	1	4	1.04	12	9	2	2	89	6	1	78	2	7	21	0.02	0.01	0.62	0.01	0.01	0.04	5	10	10431				
S9420640	242304	424980	6823562		SOIL	18	44	13	2.7	27	1315	1	1	2	1.04	59	9	2	7	39	1	1	157	4	9	31	0.02	0.01	0.28	0.01	0.01	0.07	5	10	3685				
S9420641	242305	424963	6823499		SOIL	19	33	10	5.3	32	97	1	1	1	2.77	77	25	2	8	111	3	2	542	7	22	2	0.01	0.01	0.24	0.01	0.01	0.32	5	10	17031				
S9420643	242307	424919	6823407		SOIL	5	40	16	2.6	6	221	1	1	2	0.62	13	5	2	2	53	5	2	123	4	8	29	0.01	0.01	0.15	0.01	0.01	0.53	30	10	9901				
S9420644	242308	424904	6823374		SOIL	28	73	6	1.3	15	223	1	1	1	1.02	15	5	2	2	23	13	2	1	45	4	4	22	0.01	0.01	0.16	0.01	0.01	0.09	23	10	5333			
S9420645	242309	424876	6823328		SOIL	5	12	14	0.2	4	100	1	1	2	0.28	2	2	2	2	11	1	1	31	1	5	8	0.01	0.01	0.21	0.02	0.01	0.03	5	10	2630				
S9420647	242311	424820	6823229		SOIL	8	66	22	7.8	42	653	1	1	2	1.01	27	35	2	2	167	1	1	223	2	30	10	0.01	0.01	0.57	0.01	0.01	0.07	5	10	4082				
S9420648	242312	424790	6823201		SOIL	7	33	22	2.8	35	319	1	1	4	1.16	27	7	2	8	56	2	1	51	1	5	23	0.02	0.01	0.39	0.01	0.01	0.07	5	10	5521				
S9420649	242313	424749	6823160		SOIL	5	22	24	1.5	25	273	1	1	4	0.84	13	5	2	2	48	1	1	74	1	5	14	0.02	0.01	0.33	0.01	0.01	0.05	5	10	4467				
S9420651	242315	424650	6823185		SOIL	8	35	10	2.7	52	448	1	1	1	1.44	10	9	2	2	32	1	1	35	1	5	15	0.01	0.01	0.25	0.01	0.01	0.19	28	10	-1				
S9420653	242317	424559	6823193		SOIL	12	58	18	8.5	55	466	1	1	1	2.62	25	18	2	6	54	4	1	145	1	11	23	0.01	0.01	0.29	0.01	0.01	0.32	45	10	-1				
S9420654	242318	424541	6823244		SOIL	17	29	34	3.9	57	1555	1	1	4	1.63	64	12	2	10	73	2	1	131	3	15	22	0.01	0.01	0.3	0.01	0.01	0.09	5	10	7485				
S9420655	242319	424525	6823293		SOIL	16	24	19	3.6	48	1087	1	1	2	1.81	23	20	2	6	62	1	1	125	5	18	11	0.01	0.01	0.25	0.01	0.01	0.06	5	10	8587				
S9420656	242320	424505	6823336		SOIL	10	38	5	5.9	47	347	1	1	1	1.23	21	9	2	13	27	3	1	123	1	7	5	0.01	0.01	0.25	0.01	0.01	0.06	5	10	10136				
S9420657	242321	424470	6823382		SOIL	20	28	44	3.8	75	354	1	1	7	1.67	40	17	2	5	67	3	1	81	4	5	30	0.03	0.01	0.46	0.01	0.01	0.1	5	10	6602				
S9420658	242322	424447	6823420		SOIL	16	36	38	1.6	40	467	1	1	8	1.53	8	153	2	2	33	6	11	1	52	3	6	42	0.04	0.01	0.53	0.02	0.01	0.15	22	10	5292			
S9420660	242324	424414	6823511		SED	31	41	28	2.8	40	551	1	1	6	1.67	12	19	2	2	54	12	19	1	262	12	7	866	0.12	0.01	0.95	0.36	0.01	0.05	5	10	4575			
S9420661	242309	425067	6823397		SED	135	14	128	0.8	106	1408	7	30	37	2.87	28	19	2	2	55	5	1	169	17	12	721	0.17	0.01	1.02	0.35	0.01	0.05	5	10	4897				
S9420670	242310	425048	6823310		SED	102	19	93	0.6	52	1681	3	12	19	1.76	18	18	2	2	77	1	1	158	8	9	610	0.15	0.01	0.88	0.22	0.01	0.07	5	10	5176				
S9420671	242311	425039	6823219		SED	211	6	96	1.7	454	1259	4	1	24	18.86	49	11	2	15	312	4	1	139	13	7	243	0.05	0.01	0.95	0.18	0.01	0.03	5	10	7372				
S9420672	242312	424975	6823127		SED	203	5	47	1.6	776	1024	4	1	10	14.93	287	16	5	56	903	1	1	131	24	14	19	0.04	0.01	0.85	0.09	0.01	0.02	5	10	2881				
S9420673	242313	424927	6823048		SED	287	7	85	1.4	546	713	4	1	13	1.91	150	15	2	44	605	3	1	191	38	19	46	0.03												

**Soils and Silt Geochemistry**

Lab No.	Field No.	UTM27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Br	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF			
S9420904	423944	425659	6623842		SOIL	40	30	235	1.1	00	435	1	3	16	2.04	1	13	2	2	23	1	1	82	14	17	348	0.23	001	1.1	0.3	0.01	0.05	5	10	4988			
S9420905	423945	425631	6623888		SOIL	40	30	110	0.8	112	456	1	6	27	2.21	5	22	2	2	35	1	1	59	1	1	17	3	8	159	0.18	001	0.78	0.05	0.01	0.05	5	10	8032
S9420906	423946	425603	6623926		SOIL	8	16	51	0.8	25	195	1	2	11	2.11	3	17	2	2	43	1	1	19	2	7	190	0.2	001	1.08	0.04	0.01	0.03	5	10	3085			
S9420907	423947	425572	6623975		SOIL	19	35	89	1.1	37	234	1	7	28	2.38	4	25	2	2	34	2	1	25	4	9	342	0.32	001	1.55	0.05	0.01	0.05	5	10	2687			
S9420909	423949	425511	6624048		SOIL	14	16	89	0.5	25	303	1	5	21	1.92	5	29	2	2	39	1	1	54	4	8	461	0.36	001	0.87	0.1	0.01	0.07	5	10	4675			
S9420910	423950	425466	6624104		SOIL	13	12	68	0.4	26	232	1	4	23	1.87	2	24	2	2	32	1	1	28	3	6	309	0.37	001	1.01	0.08	0.01	0.05	5	10	2749			
S9420911	423951	425466	6624138		SOIL	21	16	84	0.2	13	216	1	11	43	2.86	1	53	2	2	45	2	1	14	4	7	774	0.67	001	1.33	0.14	0.01	0.05	5	10	3133			
S9420912	423952	425435	6624181		SOIL	24	31	133	1	52	495	1	5	24	2.08	2	21	2	2	22	1	1	12	6	21	230	0.36	001	1.18	0.05	0.01	0.04	5	10	6580			
S9420913	423953	425405	6624216		SOIL	35	50	86	0.5	99	556	1	3	11	2.72	4	11	2	2	40	1	1	37	3	12	172	0.16	001	1.02	0.12	0.01	0.04	5	10	8679			
S9420914	423954	425349	6624206		SOIL	29	10	65	0.2	10	299	1	11	51	1.99	1	37	2	2	33	1	1	13	9	13	527	0.71	002	1.11	0.07	0.01	0.03	5	10	2640			
S9420915	423955	425303	6624178		SOIL	9	18	39	0.2	10	205	1	2	8	1.26	3	10	2	2	27	1	1	17	2	8	131	0.14	001	0.71	0.05	0.01	0.05	5	10	4095			
S9420916	423956	425265	6624148		SOIL	35	24	80	0.4	81	369	1	5	22	1.78	4	19	2	2	25	1	1	41	16	23	314	0.3	001	0.97	0.07	0.01	0.04	5	10	4760			
S9420917	423957	425232	6624127		SOIL	12	18	63	0.9	23	341	1	5	16	2.23	1	21	2	2	41	1	1	21	3	7	255	0.33	003	1.52	0.04	0.01	0.04	5	10	3187			
S9420918	423958	425184	6624094		SOIL	19	16	48	1.1	41	628	1	5	30	1.83	5	25	2	2	38	1	1	60	3	9	222	0.32	001	0.98	0.07	0.01	0.07	22	10	4471			
S9420919	423959	425133	6624064		SOIL	15	27	51	0.9	58	598	1	4	15	1.7	7	22	2	2	46	1	1	68	5	8	211	0.21	001	0.93	0.05	0.01	0.05	5	10	4783			
S9420920	423960	425097	6624038		SOIL	36	20	124	1.2	51	600	1	8	34	2.01	5	23	2	2	44	1	1	48	9	11	326	0.37	001	1.18	0.14	0.01	0.07	5	10	3854			
S9420921	423961	425046	6624013		SOIL	9	17	35	2.7	19	200	1	3	15	2.15	5	24	2	2	55	1	1	32	2	8	133	0.19	001	1.08	0.03	0.01	0.04	5	10	3277			
S9420923	423963	424970	6623959		SOIL	12	15	33	1.1	27	441	1	3	16	1.5	8	20	2	2	43	1	1	37	3	8	110	0.2	001	0.82	0.03	0.01	0.04	5	10	3299			
S9420924	423964	424932	6623931		SOIL	15	20	33	1.1	37	479	1	2	10	1.81	10	17	2	2	45	1	1	79	4	8	52	0.16	001	0.69	0.04	0.01	0.08	23	10	4172			
S9420925	423965	424984	6623696		SOIL	15	18	33	1.4	16	801	1	2	10	1.61	10	16	2	2	54	1	1	61	3	8	56	0.13	001	0.82	0.04	0.01	0.07	17	10	4096			
S9420926	423966	424841	6623870		SOIL	13	24	13	1.7	9	1925	1	1	2	0.58	45	7	2	2	47	1	1	87	4	5	18	0.04	001	0.34	0.02	0.01	0.04	15	10	6705			
S9420927	423967	424802	6623842		SOIL	11	22	30	4.5	23	848	1	1	4	1.54	20	18	2	2	52	1	1	110	2	8	25	0.04	001	0.72	0.04	0.01	0.04	5	10	5134			
S9420928	423968	424769	6623819		SOIL	11	20	35	1	12	213	1	1	4	0.71	6	7	2	2	34	1	1	58	2	6	20	0.02	001	0.41	0.02	0.01	0.04	5	10	2701			
S9420929	423969	424724	6623794		SOIL	24	22	58	2.2	36	378	1	2	14	1.95	12	18	2	2	57	1	1	96	4	8	74	0.17	001	0.78	0.07	0.01	0.11	5	10	3165			
S9420930	423970	424686	6623761		SOIL	27	24	80	2.2	39	504	1	2	17	1.82	15	22	2	2	72	1	1	130	4	10	58	0.13	001	1.17	0.05	0.01	0.11	5	10	3510			
S9420931	423971	424642	6623735		SOIL	31	36	32	3.2	73	342	1	1	2	1.14	73	15	2	2	96	1	1	79	4	9	15	0.03	001	0.23	0.01	0.01	0.11	5	10	3743			
S9420932	423972	424592	6623705		SOIL	34	55	31	16.6	102	879	1	1	3	3.06	66	30	2	2	115	1	1	245	4	14	12	0.02	001	0.41	0.01	0.01	0.35	5	10	13958			
S9420934	423974	424515	6623657		SOIL	15	33	23	2.7	46	680	1	1	1	1.43	33	20	2	2	85	1	1	153	4	13	7	0.01	001	0.25	0.01	0.01	0.09	5	10	6273			
S9420935	423975	424333	6623621		SOIL	29	32	65	8.9	137	760	1	1	7	2.43	113	29	2	2	147	1	1	310	10	39	32	0.03	001	0.64	0.02	0.01	0.11	5	10	8225			
S9420936	423975	424335	6623565		SOIL	21	27	13	4.7	27	392	1	1	1	0.7	18	11	2	2	36	1	1	128	5	10	6	0.01	001	0.41	0.02	0.01	0.07	5	10	5603			
S9420938	423976	424343	6623539		SOIL	113	19	145	0.9	31	222	1	3	34	2.18	10	13	2	2	44	1	1	116	13	6	69	0.06	001	0.75	0.04	0.01	0.04	5	10	2920			
S9420939	423977	424302	6627058		SOIL	23	9	77	0.4	51	151	1	7	23	2	1	17	2	2	20	1	1	30	11	12	379	0.35	002	0.72	0.07	0.01	0.08	5	10	2871			
S9420940	423978	424238	6623483		SOIL	135	2	34	0.6	1	119	4	1	49	0.34	1	2	2	2	39	1	1	156	11	6	39	0.07	001	0.56	0.18	0.01	0.09	5	10	3394			
S9420941	423979	424221	6623461		SOIL	36	52	55	2	80	289	1	1	8	1.24	10	12	2	2	45	1	1	311	26	3	394	0.02	001	0.5	0.1	0.01	0.45	5	10	445			
S9420942	423979	424241	6623425		SOIL	71	14	200	1.1	42	216	1	8	33	1.76	5	20	2	2	35	1	1	40	9	7	425	0.32	001	0.71	0.53	0.01	0.05	5	10	2771			
S9420945	423979	424705	6627151		SOIL	56	31	417	0.4	17	228	1	11	40	2.89	1	32	2	2	36	3	1	28	14	5	493	0.68	003	1.15	0.64	0.01	0.08	5	10	1848			
S9420946	423979	424705	6627102		SOIL	26	14	122	0.4	27	145	1	10	25	2.62	1	29	2	2	33	4	1	22	10	13	412	0.58	003	1.02	0.44	0.01	0.1	5	10	1665			
S9420947	423979	424705	6627058		SOIL	10	14	83	0.2	14	172	1	13	20	2.81	2	29	2	2	47	4	1	12	4	7	554	0.61	004	1.13	0.21	0.01	0.07	5	10	1666			
S9420948																																						

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-KCP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Ba-XRF	
S9416550	242739	417000	6828953		SOIL	33	4	21	0.4	5	261	1	1	14	0.33	2	5	2	2	2	1	1	53	54	0.13	0.01	0.68	134	0.03	0.02	5	10	1149			
S9416551	242740	416998	6826900		SOIL	14	8	69	0.2	1	171	1	5	24	1.36	1	5	21	2	2	25	2	1	34	8	8	182	0.5	0.02	0.85	63	0.01	0.05	5	10	1556
S9416552	242741	416995	6826856		SOIL	17	6	53	0.2	2	8	145	1	5	31	1.46	3	25	2	2	24	3	0	15	6	9	227	0.46	0.01	0.83	29	0.01	0.04	5	10	1841
S9416554	242743	417095	6827205		SOIL	15	7	60	0.2	2	128	1	5	25	1.44	1	21	2	2	23	2	1	24	7	8	169	0.42	0.02	0.8	0.48	0.01	0.05	5	10	1496	
S9416555	242744	417304	6827202		SOIL	21	9	83	0.2	19	318	1	6	23	1.73	1	22	2	2	25	2	3	43	8	7	783	0.44	0.01	0.81	1	0.01	0.04	5	10	1314	
S9416556	242745	417504	6827205		SOIL	19	10	87	0.2	17	171	1	7	27	1.98	2	22	2	2	24	3	1	18	6	7	311	0.42	0.02	0.82	0.49	0.01	0.06	5	10	1770	
S9416769	241915	420002	6827754		SOIL	79	15	125	1	100	134	1	20	63	3.33	3	22	2	2	27	1	1	61	13	15	656	0.61	0.01	0.69	2.09	0.01	0.06	10	10	2453	
S9416770	241916	420000	6827706		SOIL	59	14	118	0.6	79	223	1	18	49	3.48	3	22	2	2	28	1	1	42	13	17	769	0.64	0.01	1	1.25	0.01	0.05	5	10	2834	
S9416771	241917	420002	6827650		SOIL	68	15	132	0.6	54	162	1	16	51	2.98	2	20	2	2	27	7	1	51	11	15	570	0.63	0.01	0.9	1.8	0.01	0.06	5	10	2935	
S9416772	241918	420002	6827609		SOIL	56	14	106	0.5	49	187	1	14	44	3.15	1	20	2	2	26	4	1	41	12	16	441	0.52	0.01	0.95	0.86	0.01	0.05	5	10	2604	
S9416773	241919	420000	6827557		SOIL	8	2	45	0.4	2	84	1	1	1	0.18	1	2	2	2	1	2	1	33	1	1	20	0.03	0.01	0.23	0.38	0.02	0.01	5	10	-1	
S9416774	241920	420000	6827506		SOIL	37	8	68	0.4	36	128	1	8	24	1.69	1	8	2	2	12	2	1	43	5	6	722	0.27	0.01	0.47	1.11	0.03	0.04	26	10	1529	
S9416775	241921	420000	6827458		SOIL	85	22	135	0.9	60	236	1	22	65	3.95	4	22	2	2	30	6	1	57	12	13	780	0.62	0.01	0.85	2.3	0.01	0.08	20	10	2652	
S9416776	241922	420002	6827407		SOIL	74	18	129	0.8	48	239	1	14	49	3.43	5	24	2	2	41	1	1	39	14	14	142	0.58	0.01	1.03	0.69	0.01	0.06	5	10	3045	
S9416777	241923	420002	6827358		SOIL	74	15	116	1.1	84	283	1	17	56	3.72	4	24	2	2	36	5	1	58	15	12	464	0.55	0.01	0.96	1.22	0.01	0.07	5	10	2881	
S9416778	241924	420000	6827304		SOIL	46	14	89	0.6	71	337	1	11	25	1.77	3	8	2	2	15	2	1	108	6	5	882	0.20	0.01	0.56	2.38	0.02	0.04	5	10	1583	
S9416779	241925	420002	6827258		SOIL	17	28	101	0.2	20	149	1	4	7	0.83	1	2	2	2	6	1	1	65	2	3	417	0.17	0.01	0.43	1.54	0.04	0.02	5	10	1174	
S9416780	241926	420002	6827205		SOIL	46	11	84	0.2	11	411	1	6	26	1.34	1	12	2	2	18	1	1	118	5	5	280	0.45	0.01	0.63	2.88	0.01	0.07	5	10	1630	
S9416781	241927	420002	6827154		SOIL	73	47	234	0.7	14	272	1	14	57	3.17	1	32	2	2	44	3	1	42	14	16	505	0.77	0.01	1.24	0.53	0.01	0.09	5	10	2361	
S9416782	241928	420002	6827105		SOIL	10	7	40	0.2	3	82	1	1	4	0.19	1	2	2	2	2	1	1	42	1	2	90	0.07	0.01	0.23	0.98	0.05	0.02	5	10	1136	
S9416783	241929	420002	6827054		SOIL	7	11	37	0.2	4	84	1	4	3	0.25	1	2	2	2	2	1	1	30	1	2	734	0.04	0.01	0.21	0.57	0.05	0.02	5	10	1199	
S9416784	241930	420002	6827003		SOIL	49	22	140	0.6	27	294	1	8	30	2.41	1	27	2	2	44	1	1	59	12	12	137	0.61	0.01	1.14	0.78	0.01	0.06	5	10	2574	
S9416785	241931	420002	6826952		SOIL	44	24	129	0.5	9	270	1	6	23	1.92	1	26	2	2	45	1	1	64	11	11	161	0.6	0.01	1.12	0.71	0.01	0.06	5	10	2601	
S9416786	241932	419786	6826850		SOIL	71	17	125	0.7	29	159	1	18	83	3.26	2	30	2	2	31	4	1	59	13	17	593	0.78	0.01	1.12	2.1	0.01	0.06	5	10	2436	
S9416787	241933	419786	6826903		SOIL	68	19	120	1.1	81	201	1	17	67	2.97	6	28	2	2	33	1	1	75	13	15	572	0.88	0.01	0.97	2.62	0.01	0.08	5	10	2528	
S9416788	241934	419784	6826952		SOIL	39	12	67	0.2	32	109	1	8	28	1.65	2	14	2	2	15	1	1	42	8	11	345	0.43	0.01	0.62	1.64	0.03	0.03	5	10	1592	
S9416789	241935	419784	6827003		SOIL	63	18	84	0.7	39	282	1	10	33	2.17	1	16	2	2	19	1	1	124	10	11	733	0.37	0.01	0.68	3.5	0.01	0.03	5	10	1639	
S9416790	241936	419784	6827057		SOIL	79	22	120	0.9	71	136	1	15	56	3.43	5	22	2	2	26	4	1	48	16	16	310	0.61	0.01	0.9	1.11	0.01	0.05	5	10	2289	
S9416791	241937	419784	6827100		SOIL	122	26	278	1.3	110	158	1	21	78	3.81	10	25	2	2	35	3	1	62	15	11	744	0.63	0.01	0.76	1.47	0.01	0.06	5	10	2249	
S9416792	241938	419784	6827154		SOIL	91	25	176	1.2	70	181	1	20	67	3.35	3	27	2	2	33	4	1	53	14	14	433	0.65	0.01	0.91	1.75	0.01	0.06	5	10	2265	
S9416793	241940	419784	6827253		SOIL	79	35	198	1	73	241	1	23	86	4.03	2	28	2	2	34	4	1	40	14	14	321	0.57	0.01	0.93	0.9	0.01	0.06	5	10	2486	
S9416794	241941	419791	6827299		SOIL	57	18	107	0.6	59	276	1	14	43	3.32	1	19	2	2	27	4	1	51	11	11	1051	0.49	0.01	0.88	1.23	0.01	0.06	5	10	2451	
S9416795	241942	419791	6827358		SOIL	83	18	123	0.8	48	187	1	16	49	3.24	2	21	2	2	28	3	1	36	12	13	655	0.51	0.01	0.9	0.85	0.01	0.06	5	10	2434	
S9416796	241943	419784	6827404		SOIL	77	33	206	0.8	69	219	1	16	57	3.45	5	23	2	2	31	3	1	38	14	13	376	0.48	0.01	0.9	0.85	0.01	0.06	5	10	2534	
S9416797	241944	419788	6827458		SOIL	83	44	203	0.8	64	207	1	14	55	3.19	2	23	2	2	33	3	1	71	11	12	467	0.88	0.01	0.95	2.74	0.01	0.1	5	10	2666	
S9416798	241945	419788	6827506		SOIL	67	19	153	0.7	44	199	1	16	66	3.29	1	28	2	2	35	5	1	56	11	11	522	1.11	0.01	0.95	2.33	0.01	0.12	5	10	2673	
S9416799	241945	419588	6827749		SOIL	64	13	79	0.8	20	653	1	14	41	2.91	3	25	2	2	46	4	1	38	15	13	266	0.87	0.01	1.14	0.49	0.01	0.06	5	10	2549	
S9416800	241946	419588	6827711		SOIL	77	22	154	0.9	58	200	2	20	64	3.87	2	29	2	2	40	1	1	34	14	11	971	0.53	0.01	0.98	0.59	0.01	0.06				

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Bb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF
S9414298	240771	423800	6818862		SOIL	27	15	68	1.6	10	315	1	12	30	1.05	4	41	2	2	43	1	1	68	21	34	704	0.51	0.06	1.2	0.78	0.03	0.05	5	10	1381
S9414299	240772	423803	6818761		SOIL	15	9	62	0.2	9	123	1	6	36	1.76	3	36	2	2	52	1	2	30	8	10	250	0.68	0.06	1.2	0.78	0.01	0.08	5	10	1507
S9414300	240773	423800	6818077		SOIL	37	11	113	0.8	15	238	1	17	43	2.24	6	37	2	2	42	1	1	47	19	23	2740	0.69	0.04	1.41	1.48	0.02	0.08	5	10	1582
S9414301	240774	423491	6818072		SOIL	39	6	88	0.2	1	86	1	8	58	1.44	5	27	2	2	23	1	1	50	10	12	863	0.62	0.03	0.9	2.03	0.02	0.06	5	10	943
S9414302	240775	423393	6819057		SOIL	35	8	85	0.2	6	67	1	14	82	2.64	3	39	2	2	32	2	1	21	12	15	438	0.67	0.05	1.1	0.54	0.01	0.09	5	10	1900
S9414303	240778	423291	6819034		SOIL	56	8	112	0.4	8	147	1	18	50	2.15	4	35	2	2	22	2	1	52	10	13	755	0.42	0.02	1.07	1.07	0.02	0.03	5	10	1772
S9414304	240777	423198	6819005		SOIL	25	9	78	0.8	4	105	1	9	32	1.98	2	30	2	2	35	1	1	44	9	12	499	0.73	0.07	1.14	0.89	0.01	0.07	5	10	1345
S9414305	240778	423091	6818994		SOIL	13	12	117	0.2	21	137	1	13	40	3.02	2	36	2	2	45	2	1	25	10	16	731	0.92	0.12	1.58	0.72	0.01	0.12	5	10	1493
S9414306	240779	423000	6819044		SOIL	50	7	85	0.5	10	118	1	26	54	3	6	36	2	2	34	1	1	48	16	23	1635	0.74	0.04	1.32	0.95	0.01	0.07	5	10	3236
S9414307	240780	422900	6819067		SOIL	9	7	106	0.2	4	130	1	13	32	2.41	8	36	2	2	37	1	1	20	8	12	349	0.86	0.1	1.43	0.51	0.01	0.1	5	10	2106
S9414308	240781	422810	6819105		SOIL	46	8	111	0.2	9	234	1	19	91	3.11	2	50	2	2	43	1	1	21	9	12	375	1.01	0.07	1.4	0.54	0.01	0.13	5	10	4204
S9414309	240782	422709	6819095		SOIL	129	6	55	0.2	1	217	1	32	145	5.21	4	88	2	2	22	1	1	49	25	16	1367	1.18	0.01	1.35	1.97	0.01	0.01	5	10	7097
S9414310	240783	422521	6819049		SOIL	139	6	60	0.4	114	105	1	59	260	6.14	1	58	2	2	17	1	1	44	17	10	892	0.88	0.01	0.82	1.73	0.01	0.02	5	10	9617
S9414311	240784	422420	6819004		SOIL	95	2	91	0.5	6	145	1	31	130	3.42	3	61	2	2	23	1	1	57	12	13	3249	0.66	0.01	0.97	2.09	0.01	0.03	5	10	4973
S9414312	240785	422319	6818941		SOIL	122	11	114	0.2	1	634	1	25	113	4.14	3	104	2	2	44	2	1	31	14	14	338	1.19	0.04	1.49	0.8	0.01	0.05	5	10	3565
S9414313	240786	422238	6818857		SOIL	79	12	109	0.8	7	116	1	25	118	3.93	3	113	2	2	49	7	1	24	17	18	789	1.25	0.06	1.87	1.23	0.01	0.09	5	10	2072
S9414314	240787	422172	6818781		SOIL	129	6	69	0.6	43	87	1	31	157	4.62	7	112	2	2	36	5	1	43	18	20	817	1.46	0.03	1.83	1.17	0.01	0.05	5	10	7170
S9414315	240788	422108	6818888		SOIL	22	11	61	0.2	9	124	1	12	64	2.04	1	41	2	2	45	3	1	20	9	15	403	0.68	0.11	1.64	0.49	0.02	0.17	5	10	1302
S9514843	136222	427569	6820694		SOIL	24	9	75	0.2	29	116	1	13	28	3.32	6	28	2	2	41	2	1	15	17	34	429	0.74	0.04	1.24	0.33	0.01	0.26	5	10	1024
S9514844	136223	427869	6820571		SOIL	19	7	74	0.2	11	133	1	10	24	2.88	12	27	2	2	40	1	1	34	36	63	411	0.84	0.02	1.15	0.52	0.01	0.17	5	10	1073
S9515393	177801	428552	6824030		SOIL	19	11	68	0.2	13	103	1	12	43	2.7	2	68	2	2	45	1	1	6	1	10	726	0.52	0.07	0.92	0.07	0.01	0.06	78	10	1328
S9515394	177802	428545	6824125		SOIL	39	14	42	0.2	8	165	1	8	30	1.45	1	39	2	2	32	1	1	10	1	7	291	0.35	0.03	1.01	0.17	0.01	0.01	5	10	1345
S9515395	177803	428544	6824213		SOIL	93	19	80	0.2	94	364	1	22	46	2.21	1	55	2	2	44	1	1	59	1	8	1493	0.61	0.02	1.41	1.31	0.01	0.02	5	10	1637
S9515397	177805	428544	6824435		SOIL	44	13	86	0.2	17	143	1	14	39	2.35	1	42	2	2	46	1	1	14	17	17	415	0.64	0.07	1.32	0.29	0.01	0.02	20	10	1376
S9515398	177806	428545	6824520		SOIL	92	6	178	0.2	13	124	1	20	37	4.42	1	111	2	2	90	1	1	8	1	5	985	1.02	0.19	2.05	0.22	0.01	0.06	5	10	1233
S9515399	177807	428542	6824624		SOIL	5	2	14	0.2	1	14	1	1	4	0.34	1	4	2	2	8	1	1	4	1	1	25	0.03	0.01	0.16	0.03	0.02	0.01	5	10	975
S9515400	177808	428544	6824736		SOIL	70	9	62	0.2	18	242	1	4	22	1.33	1	25	2	2	26	1	1	10	1	8	260	0.27	0.01	0.89	0.16	0.02	0.01	5	10	1513
S9515401	177809	428542	6824817		SOIL	27	10	56	0.2	5	265	1	7	19	1.66	2	17	2	2	36	1	1	12	1	10	748	0.15	0.02	0.51	0.09	0.01	0.05	5	10	1637
S9515402	177810	428540	6824921		SOIL	4	7	12	0.2	1	28	1	1	4	0.26	1	2	2	2	6	1	1	5	1	1	23	0.02	0.01	0.1	0.03	0.02	0.01	90	10	1049
S9515403	177811	428538	6825036		SOIL	26	9	58	0.2	16	189	1	5	19	2.95	1	34	2	2	68	1	1	9	1	6	721	0.4	0.22	1.05	0.15	0.01	0.06	12	2179	
S9515405	177812	428538	6825232		SOIL	29	14	86	0.2	27	198	1	11	38	2.88	1	48	2	2	56	1	1	12	11	11	912	0.43	0.07	1.03	0.22	0.01	0.08	10	1306	
S9515406	177814	4285326	6825236		SOIL	22	18	66	0.2	22	122	1	7	27	3.57	1	41	2	2	62	1	1	6	1	11	319	0.43	0.14	1.14	0.07	0.01	0.03	5	10	1291
S9515407	177812	428527	6826211		SOIL	12	10	14	0.2	6	37	1	1	7	0.63	1	11	2	2	22	1	1	4	1	9	58	0.04	0.03	0.35	0.03	0.01	0.01	5	10	1389
S9515415	177823	428525	6826235		SOIL	5	10	13	0.2	4	18	1	1	4	0.14	1	2	2	2	4	1	1	3	1	1	6	0.01	0.07	0.02	0.01	0.01	0.01	5	10	1067
S9515416	177824	428519	6826248		SOIL	4	5	11	0.2	8	22	1	1	5	0.14	1	2	2	2	4	1	1	7	1	1	14	0.02	0.01	0.09	0.08	0.02	0.01	5	10	1106
S9515417	177825	428530	6826530		SOIL	13	10	21	0.2	15	61	1	5	29	1.54	1	35	2	2	49	1	1	5	1	15	116	0.13	0.08	0.62	0.07	0.01	0.01	5	10	967
S9515418	177826	428520	6826222		SOIL	9	7	12	0.2	20	134	1	2	37	0.31	1	40	2	2	8	1	1	18	1	2	143	0.17	0.01	0.15	0.48	0.02	0.01	5	10	1196
S9515419	177827	428515	682610		SOIL	22	6	43	0.2	23	85	1	5	14	0.87	1	23	2	2	23	1	1	4	1	13	227	0.19	0.01	0.68	0.03	0.01	0.04	5	10	2012
S9515420	177828	42																																	

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Bb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Aj	Ca	Na	K	Au	Wt Au	Br-XRF	
S9515485	177693	425518	6822317		SOIL	12	14	67	0.2	10	102	1	4	12	1.04	3	7	2	2	15	1	1	7	13	0.08	0.01	0.38	0.05	0.01	0.04	5	10	1937			
S9515486	177694	425520	6822230		SOIL	5	12	14	0.2	7	39	1	1	4	23	0.18	1	2	2	2	5	1	1	34	1	1	60	0.07	0.01	0.18	0.42	0.02	0.01	5	10	1036
S9515487	177695	425510	6822129		SOIL	27	23	150	0.2	40	153	4	3	23	2.99	4	24	2	2	58	1	1	15	1	14	523	0.23	0.02	1.19	0.11	0.01	0.05	5	10	1560	
S9515488	177696	425519	6822019		SOIL	201	29	125	2	98	326	1	16	96	3.25	5	27	2	2	37	1	1	103	1	1	23	1411	0.37	0.01	1.36	1.56	0.01	0.01	5	10	2046
S9515489	177697	425511	6821917		SOIL	50	10	48	0.2	33	149	2	1	24	0.18	5	2	2	5	8	1	1	98	1	1	286	0.36	0.01	0.27	2.59	0.01	0.01	5	5	584	
S9515490	177698	425511	6821829		SOIL	33	17	49	0.2	34	106	1	3	23	1.19	3	15	2	2	29	1	1	35	1	1	9	46	0.1	0.01	0.47	0.07	0.01	0.02	5	10	1911
S9515491	177699	425512	6821719		SOIL	38	13	46	0.2	51	92	1	4	25	1.46	3	18	2	2	31	1	1	27	1	9	86	0.11	0.01	0.49	0.03	0.01	0.02	5	10	2003	
S9515492	177700	425510	6821634		SOIL	14	25	29	0.7	22	155	1	3	17	0.83	6	14	2	2	19	1	1	46	1	11	26	0.05	0.01	0.25	0.03	0.01	0.03	5	10	2586	
S9515493	177701	425516	6821528		SOIL	10	23	35	0.4	31	148	1	2	17	0.92	5	18	2	2	20	1	1	41	1	12	42	0.07	0.01	0.3	0.04	0.01	0.02	5	10	2556	
S9515494	177702	425523	6821422		SOIL	7	16	19	0.2	22	120	1	1	5	0.16	2	2	2	2	4	1	1	3	40	1	1	2	0.11	0.01	0.19	0.84	0.01	0.01	5	10	1039
S9515495	177703	425521	6821322		SOIL	37	25	97	0.2	55	261	1	10	72	1.97	2	54	2	2	28	1	1	44	1	14	347	0.7	0.03	0.78	0.66	0.01	0.05	5	10	1861	
S9515496	177704	425521	6821125		SOIL	34	25	100	0.2	64	256	1	10	72	2.05	2	56	2	2	29	1	1	43	1	14	372	0.73	0.03	0.82	0.65	0.01	0.06	5	10	1854	
S9515497	177705	425521	6821031		SOIL	37	23	91	0.2	57	267	1	11	72	1.98	2	54	2	2	28	1	1	43	1	15	341	0.7	0.03	0.79	0.65	0.01	0.06	12	10	1871	
S9515498	177706	425521	6820934		SOIL	39	25	106	0.2	52	286	1	10	72	2.08	2	54	2	2	30	1	1	42	1	14	354	0.73	0.03	0.89	0.64	0.01	0.08	5	10	2068	
S9515499	177707	425517	6820827		SOIL	40	24	108	0.2	65	280	1	11	78	2.1	3	57	2	2	30	1	1	42	1	13	406	0.74	0.03	0.85	0.64	0.01	0.08	5	10	1923	
S9515500	177708	425522	6820720		SOIL	39	24	94	0.2	57	252	1	12	78	2.31	2	62	2	2	32	1	1	36	1	17	430	0.78	0.03	0.86	0.47	0.01	0.07	32	10	1895	
S9515501	177709	425513	6820632		SOIL	35	16	79	0.2	46	184	1	11	67	1.96	2	56	2	2	25	1	1	30	1	14	386	0.68	0.02	0.67	0.37	0.01	0.06	12	10	1702	
S9515502	177710	425526	6820531		SOIL	38	24	154	0.2	55	249	2	11	52	1.77	2	34	2	2	24	1	1	51	1	10	769	0.6	0.01	0.77	1.09	0.01	0.08	5	10	1795	
S9515503	177711	425517	6820436		SOIL	37	26	129	0.4	28	260	2	5	50	1.58	2	27	2	2	24	1	1	53	1	10	1136	0.4	0.02	0.86	1.14	0.01	0.1	5	10	1797	
S9515505	177713	424718	6822269		SOIL	33	18	70	0.2	37	257	1	4	33	0.61	1	17	2	2	11	1	1	116	1	4	554	0.25	0.01	0.46	1.61	0.01	0.02	5	10	1732	
S9515506	177714	424727	6822173		SOIL	45	20	62	0.2	64	395	1	15	52	2.55	3	44	2	2	35	1	1	37	1	14	762	0.49	0.01	0.98	0.41	0.01	0.08	5	10	2547	
S9515507	177715	424724	6822071		SOIL	41	19	62	0.4	65	214	1	9	43	1.79	2	28	2	2	25	1	1	27	1	8	303	0.34	0.01	0.69	0.31	0.02	0.04	5	10	1860	
S9515508	177716	424737	6821977		SOIL	12	12	13	0.2	24	53	1	2	19	0.46	1	9	2	2	6	1	1	7	1	7	0.09	0.01	0.15	0.08	0.01	0.01	800	10	-1		
S9515509	177717	424737	6821882		SOIL	65	21	114	0.4	164	364	1	14	84	2.91	4	51	2	2	40	1	1	40	1	16	506	0.64	0.02	0.94	0.36	0.01	0.12	22	10	2817	
S9515510	177718	424743	6821799		SOIL	24	15	91	0.2	49	258	1	9	22	0.69	7	7	2	2	6	1	1	10	152	1	3	4890	0.18	0.01	0.36	1.99	0.01	0.01	5	8	1227
S9515511	177719	424748	6821683		SOIL	8	4	12	0.2	13	43	1	2	7	0.21	1	2	2	2	5	1	1	25	1	1	171	0.05	0.01	0.16	1.92	0.01	0.01	5	5	1075	
S9515512	177720	424752	6821581		SOIL	34	22	82	0.2	50	344	1	11	67	2.08	3	52	2	2	32	1	1	40	1	20	303	0.63	0.03	0.86	0.31	0.01	0.03	5	10	2323	
S9515513	177721	424749	6821490		SOIL	21	18	79	0.2	42	233	1	11	46	1.74	3	45	2	2	26	1	1	31	1	13	426	0.42	0.02	0.68	0.34	0.01	0.06	5	10	1746	
S9515514	177722	424752	6821362		SOIL	18	15	56	0.2	28	208	1	8	34	1.14	2	23	2	2	17	1	1	24	1	6	758	0.26	0.02	0.61	0.28	0.02	0.05	5	10	1636	
S9515515	177723	424762	6821275		SOIL	33	19	109	0.2	33	213	1	10	46	2.04	3	38	2	2	27	1	1	47	1	20	306	0.49	0.03	0.81	0.3	0.01	0.1	5	10	1915	
S9515516	177724	424768	6821185		SOIL	22	15	75	0.2	50	263	1	8	34	1.28	3	28	2	2	19	1	1	47	1	9	570	0.31	0.01	0.63	0.61	0.01	0.09	5	10	1096	
S9515517	177725	424769	6821022		SOIL	25	13	113	0.2	17	135	1	8	40	1.2	2	30	2	2	19	1	1	20	1	15	211	0.39	0.02	0.58	0.46	0.01	0.06	5	10	1370	
S9515518	177726	424601	6820226		SOIL	19	11	90	0.2	14	121	1	7	37	1.2	2	27	2	2	17	1	1	19	1	16	165	0.35	0.02	0.5	0.44	0.01	0.05	5	10	1160	
S9515519	177727	424776	6820930		SOIL	10	4	8	0.2	8	18	1	1	7	0.28	1	2	2	2	6	1	1	14	1	1	39	0.05	0.01	0.15	0.29	0.04	0.01	5	10	1039	
S9515519	177728	424590	6819830		SOIL	27	17	189	0.2	20	95	1	11	39	1.83	3	38	2	2	25	1	1	20	1	16	329	0.43	0.03	0.72	0.58	0.01	0.05	5	10	1723	
S9515519	177729	424597	6819728		SOIL	52	9	81	0.2	24	58	2	4	25	0.49	2	4	2	2	7	1	1	47	1	3	394	0.17	0.01	0.32	1.67	0.02	0.01	5	10	899	
S9515519	177730	424590	6819535		SOIL	37	16	139	0.2	28	152	4	3	24	0.85	3	4	2	2	7	1	1	49	1	4	1878	0.28	0.02	0.42	1.85	0.02	0.01	5	10	996	
S9515519	177731	424591	6819435		SOIL	81	11	23	0.4	26	31	1	7	20	0.46	2	5	2	2	7	1	1	32	1	8	122	0.1	0.01	0.23	1.17	0.02	0.01	5	10	919	
S9515519																																				

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Cs	Na	K	Au	Wt% Au	Be-XRF			
S9515659	178073	426339	6825029		SOIL	48	27	156	0.2	29	320	1	14	37	1.65	2	40	2	29	1	1	72	1	11	321	0.51	0.01	1.1	1.22	0.01	0.11	5	10	1823				
S9515660	178074	426333	6825142		SOIL	152	27	150	0.2	42	306	1	16	59	2.02	3	49	2	29	2	2	22	1	1	58	1	14	373	0.38	0.01	1.1	1.01	0.01	0.09	5	10	2783	
S9515661	178075	426333	6825240		SOIL	64	33	228	0.2	28	213	1	14	48	2.11	2	29	2	2	2	2	22	1	1	24	1	22	402	0.46	0.02	0.78	0.37	0.01	0.09	5	10	1993	
S9515662	178076	426334	6825336		SOIL	59	13	49	0.2	17	300	1	4	21	0.58	1	8	2	2	2	2	8	1	1	65	1	12	300	0.07	0.01	0.6	1.02	0.02	0.01	5	10	3818	
S9515663	178077	426339	6825415		SOIL	239	22	254	0.8	39	640	2	14	51	1.63	2	17	2	2	2	2	12	1	1	114	1	13	720	0.17	0.01	0.8	2.19	0.01	0.14	5	10	3697	
S9515664	178078	426346	6825512		SOIL	83	16	75	0.5	21	574	1	8	34	1.03	1	25	2	2	2	2	14	1	1	86	1	11	356	0.22	0.01	0.78	1.38	0.02	0.07	5	10	2264	
S9515665	178079	426335	6825603		SOIL	65	30	140	0.4	25	425	1	10	30	1.34	1	19	2	2	2	2	18	1	1	63	1	9	550	0.2	0.01	0.83	1.6	0.01	0.07	5	10	2359	
S9515666	178080	426334	6825698		SOIL	69	22	53	0.2	20	827	1	2	15	1.07	2	16	2	2	2	2	12	1	1	58	1	9	194	0.14	0.01	0.66	1.02	0.01	0.05	5	10	3084	
S9515667	178081	426343	6825789		SOIL	25	11	27	0.4	21	326	1	1	9	0.47	1	10	2	2	2	2	6	1	1	52	1	3	101	0.06	0.01	0.38	0.92	0.02	0.01	5	10	1481	
S9515668	178082	426341	6825803		SOIL	69	10	40	0.2	15	133	1	1	8	0.29	1	5	2	2	2	2	3	1	1	50	1	3	88	0.05	0.01	0.45	0.9	0.03	0.01	50	10	972	
S9515669	178083	426343	6826008		SOIL	76	17	53	1.3	20	578	1	3	26	1.04	1	24	2	2	2	2	13	1	1	72	1	17	369	0.11	0.01	0.82	0.91	0.02	0.01	10	10	1731	
S9515670	178084	426337	6826084		SOIL	43	13	38	0.2	18	500	1	1	13	0.7	1	16	2	2	2	2	9	1	1	64	1	13	30	0.09	0.01	0.61	0.83	0.01	0.02	5	10	1869	
S9515671	178085	426340	6826200		SOIL	88	15	43	1.1	22	554	1	2	28	1.15	1	19	2	2	2	2	13	1	1	76	1	15	428	0.12	0.01	0.81	1.07	0.02	0.01	5	10	2009	
S9515672	178086	426350	6826301		SOIL	43	28	81	2.9	22	708	1	1	16	0.69	3	17	2	2	2	2	23	1	1	213	1	7	506	0.11	0.01	0.51	1.13	0.01	0.01	20	10	4471	
S9515673	178087	426352	6826397		SOIL	42	10	85	0.2	16	208	4	3	25	0.64	1	16	2	2	2	2	8	1	1	65	1	2	448	0.12	0.01	0.33	0.79	0.02	0.01	5	10	1566	
S9515674	178088	426340	6826506		SOIL	59	11	101	0.2	25	600	5	4	25	0.78	2	17	2	2	2	2	11	1	1	109	1	5	2171	0.12	0.01	0.58	1.45	0.02	0.01	5	9	2430	
S9515675	178089	426332	6826595		SOIL	100	12	79	0.2	22	358	1	2	31	0.35	1	12	2	2	2	2	5	4	1	1	113	1	2	184	0.18	0.01	0.37	1.53	0.01	0.01	5	8	1977
S9515676	178090	426348	6826679		SOIL	34	10	95	0.2	26	355	1	8	31	1.62	3	37	2	2	2	2	26	1	1	43	1	12	1304	0.41	0.01	0.91	0.46	0.01	0.01	5	10	3278	
S9515677	178091	426343	6826795		SOIL	38	22	113	0.2	22	351	1	8	37	1.61	3	41	2	2	2	2	5	29	1	1	45	1	21	372	0.49	0.02	0.82	0.3	0.01	0.02	62	10	3431
S9515678	178092	426335	6826860		SOIL	33	9	58	0.2	15	248	1	2	13	0.67	2	12	2	2	2	2	10	1	1	47	1	3	98	0.1	0.01	0.36	0.49	0.02	0.01	5	10	1463	
S9515679	178093	426323	6826996		SOIL	30	2	90	0.2	36	309	2	6	19	1.22	6	20	2	2	2	2	15	1	1	32	1	4	2613	0.19	0.01	0.44	0.33	0.02	0.01	5	10	1772	
S9515680	178094	426334	6827093		SOIL	33	20	147	0.2	37	514	2	8	31	1.73	4	34	2	2	2	2	27	1	1	53	1	13	279	0.43	0.01	0.75	0.41	0.01	0.04	5	10	3331	
S9515681	178095	426331	6827206		SOIL	40	22	143	0.2	29	643	1	8	38	1.85	2	36	2	2	2	2	27	1	1	41	1	18	503	0.47	0.01	0.88	0.28	0.01	0.06	5	10	3629	
S9515682	178097	426335	6827404		SOIL	33	17	168	0.2	32	565	1	12	36	2.1	5	34	2	2	2	2	28	1	1	61	1	12	1401	0.41	0.01	0.9	0.39	0.01	0.03	5	10	3389	
S9515684	178098	426334	6827502		SOIL	45	14	125	0.2	32	371	1	11	90	2.32	2	59	2	2	2	2	36	1	1	27	1	19	511	0.79	0.02	0.91	0.29	0.01	0.07	5	10	2480	
S9515685	178099	426333	6827590		SED	14	8	377	0.2	36	144	2	8	60	1.21	2	45	2	2	2	2	31	1	1	96	1	17	43	0.04	0.01	0.52	0.03	0.01	0.01	5	10	2482	
S9515686	178100	426350	6826267		SOIL	15	21	36	0.2	28	255	1	1	8	0.77	3	8	2	2	2	2	16	1	1	29	1	16	63	0.03	0.01	0.26	0.02	0.01	0.01	5	10	4950	
S9515687	178101	426352	6822537		SOIL	44	30	166	2.4	78	1171	1	3	25	1.62	5	15	2	2	2	2	24	1	1	54	1	13	479	0.12	0.01	0.87	0.31	0.01	0.02	5	10	5313	
S9515688	178102	426348	6822446		SOIL	24	22	54	0.5	31	279	1	5	26	1.68	4	29	2	2	2	2	31	1	1	46	1	16	307	0.33	0.02	0.65	0.13	0.01	0.04	5	10	2843	
S9515689	178103	426350	6822435		SOIL	37	15	158	0.5	30	323	1	4	34	2	5	32	2	2	2	2	35	1	1	43	1	9	217	0.22	0.01	0.69	0.08	0.01	0.06	5	8	1897	
S9515690	178113	426347	6821325		SOIL	42	17	64	0.2	37	951	1	7	28	3.94	3	22	2	2	2	2	49	1	1	7	1	11	239	0.42	0.02	1.04	0.03	0.01	0.03	5	10	1900	
S9515691	178114	426351	6820537		SOIL	33	15	79	0.2	59	213	1	8	24	2.06	1	21	2	2	2	2	22	1	1	3	50	1	8	390	0.37	0.01	0.82	0.04	0.01	0.03	5	10	1798
S9515692	178115	426351	6821132		SOIL	60	18	200	0.7	45	658	6	13	49	2.29	3	35	2	2	2	2	33	1	1	49	1	11	328	0.31	0.01	1.32	0.65	0.01	0.03	5	10	2365	
S9515693	178116	426353	6821030		SOIL	76	21	158	0.2	82	267	1	20	72	3.65	3	51	2	2	2	2	46	1	1	55	1	14	703	0.03	0.02	1.2	1.32	0.01	0.13	10	10	2578	
S9515694	178117	426351	6820945		SOIL	41	22	290	0.6	28	589	2	7	45	1.71	1	36	2	2	2	2	29	1	1	48	1	12	108	0.56	0.01	0.99	0.6	0.01	0.07	5	10	2911	
S9515695	178118	426349	6820835		SOIL	51	19	116	0.2	32	259	1	13	45	2.46	3	33	2	2	2	2	32	1	1	29	1	17	542	0.55	0.02	0.91	0.45	0.01	0.04	5	10	2038	
S9515696	178120	426349	6820639		SOIL	15	8	52	0.2	28	118	1																										

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Si	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt/Au	Be-XRF		
89515742	178156	424197	68206601		SOIL	48	16	59	0.4	29	235	2	5	28	0.82	3	18	2	15	1	1	94	1	4	944	0.2	0.01	0.54	1.24	0.02	0.01	5	10	1510			
89515743	178157	424201	6820759		SOIL	35	15	84	1.1	13	171	2	4	25	1.04	2	35	2	2	18	1	1	37	1	7	451	0.23	0.01	0.58	0.32	0.01	0.03	-1	-1	1542		
89515744	178158	424198	6820853		SOIL	54	2	375	0.2	27	579	2	43	241	4.78	11	6	2	2	2	1	1	1	71	1	1	3913	0.12	0.01	0.22	1.62	0.01	0.01	5	8	1898	
89515745	178159	424198	6826956		SOIL	29	7	82	0.2	29	315	1	2	20	0.62	1	9	2	4	2	8	1	1	64	1	3	229	0.44	0.01	0.48	2.31	0.01	0.01	5	8	1558	
89515746	178160	424205	6827151		SOIL	43	17	149	0.2	35	358	1	12	57	2.44	2	44	2	2	2	35	1	1	33	1	18	203	0.54	0.02	0.94	0.44	0.01	0.01	5	10	2285	
89515747	178161	424195	6827253		SOIL	10	2	22	0.2	3	68	1	1	6	0.49	1	9	2	2	2	5	1	1	1	1	3	1	10	0.01	0.01	0.22	0.1	0.01	0.01	5	10	1003
89515748	178162	424199	6827353		SOIL	2	2	1	0.2	2	8	1	1	1	0.02	1	2	2	2	2	2	1	1	1	1	1	10	0.03	0.01	0.01	0.22	0.01	0.01	5	10	1089	
89515750	178164	424200	6827560		SOIL	11	6	38	0.2	19	186	1	1	6	0.5	1	2	2	2	2	2	1	1	1	85	1	1	411	0.11	0.01	0.22	2.48	0.02	0.01	5	8	885
89515751	178165	424205	6827637		SOIL	78	16	128	0.2	37	224	1	14	50	3.03	4	26	2	2	25	1	1	46	1	26	751	0.68	0.01	1.02	1.1	0.01	0.01	5	10	2008		
89515752	178166	424193	6827752		SOIL	34	13	86	0.2	35	252	1	8	28	1.63	1	17	2	2	2	17	1	1	73	1	7	809	0.34	0.01	0.7	2.19	0.02	0.02	5	10	1827	
89515753	178167	424195	6827847		SOIL	39	10	130	0.2	65	214	1	7	38	2.16	1	24	2	2	22	1	1	66	1	10	421	0.43	0.01	0.77	2.29	0.01	0.03	5	10	1694		
89515754	178168	424205	6827936		SOIL	72	20	94	0.2	41	313	1	41	163	5.9	1	55	2	2	25	1	2	48	1	21	845	0.62	0.01	0.89	1.41	0.01	0.03	5	10	3766		
89515755	178169	424190	6828043		SOIL	29	11	108	0.2	28	446	1	28	120	5.49	1	107	2	2	30	1	1	16	1	16	555	0.6	0.01	1.93	0.29	0.01	0.02	5	10	2869		
89515756	178170	424203	6828142		SOIL	45	14	50	0.2	29	193	1	6	44	2.05	1	28	2	2	12	1	3	57	1	10	256	0.23	0.01	0.71	1.47	0.03	0.01	5	10	1861		
89515757	178171	424193	6828247		SOIL	87	23	118	1.4	178	423	1	13	39	3.08	10	32	2	6	36	1	1	87	1	14	517	0.35	0.01	0.9	0.97	0.01	0.02	30	10	3002		
89515758	178172	424193	6828354		SOIL	91	20	557	0.4	205	228	1	10	70	3.43	15	16	2	7	32	1	1	106	1	17	284	0.1	0.01	0.54	0.69	0.02	0.03	5	10	3164		
89515759	178173	424204	6828445		SOIL	22	11	57	0.8	18	265	1	2	10	0.74	2	10	2	2	13	1	1	34	1	8	54	0.07	0.01	0.42	0.17	0.01	0.08	5	10	2126		
89515760	178174	424196	6828545		SOIL	47	21	124	0.4	50	206	1	3	27	1.79	8	19	2	2	36	1	1	63	1	18	104	0.14	0.01	0.48	0.19	0.01	0.03	5	10	3176		
89515761	178175	424202	6828649		SOIL	43	13	621	0.8	59	335	9	16	104	0.91	11	9	2	8	32	1	2	122	1	3	2071	0.15	0.01	0.37	1.48	0.02	0.01	5	8	1866		
89515762	178176	424198	6828747		SOIL	41	12	222	0.5	31	575	2	3	25	0.74	5	5	2	2	5	1	2	89	1	2	560	0.11	0.01	0.35	1.52	0.02	0.02	5	8	1849		
89515763	178177	424206	6828838		SOIL	50	14	305	0.2	28	267	4	5	31	0.69	13	4	2	8	5	1	5	101	1	1	1600	0.1	0.01	0.21	1.61	0.02	0.01	5	5	1191		
89515764	178178	424197	6828962		SOIL	22	12	83	0.2	21	170	1	9	10	0.6	8	6	2	2	13	1	2	30	1	2	1973	0.05	0.01	0.22	0.52	0.02	0.01	5	8	1493		
89515765	178179	424201	6829050		SOIL	40	18	208	0.2	39	308	2	18	25	1.16	5	15	2	2	6	12	1	2	71	1	2	1022	0.11	0.01	0.2	1.38	0.01	0.01	5	4	1476	
89515766	178180	424203	6829162		SOIL	27	18	169	0.2	35	236	1	13	117	1.87	1	94	2	5	23	1	1	43	1	12	1255	1.27	0.01	0.68	0.7	0.01	0.03	5	10	1099		
89515767	178181	424205	6829243		SOIL	24	10	33	0.2	27	196	1	2	51	0.31	1	9	2	5	1	1	85	1	2	290	0.3	0.01	0.34	1.91	0.02	0.01	5	8	1111			
89515768	178182	424205	6829338		SOIL	35	25	119	0.4	35	241	1	14	108	2.39	2	84	2	2	27	1	2	28	1	2	438	1.11	0.01	0.92	0.43	0.01	0.04	5	10	1804		
89515769	178183	424207	6829442		SOIL	34	16	76	1.2	27	386	1	5	39	1.04	2	21	2	2	21	1	2	85	1	4	459	0.29	0.01	0.55	1.45	0.02	0.02	5	8	1797		
89515770	178184	424203	6829543		SOIL	40	30	99	0.4	25	328	1	13	83	2.63	4	78	2	5	33	1	1	21	1	16	244	0.75	0.01	0.98	0.52	0.01	0.03	5	10	2487		
89515771	178185	424214	6829649		SOIL	9	8	34	0.2	15	57	1	3	13	0.62	1	30	2	2	28	1	1	5	1	18	87	0.19	0.01	0.58	0.07	0.01	0.01	5	10	1153		
89515772	178186	424214	6829845		SOIL	9	14	9	0.2	18	83	1	3	3	0.17	1	2	2	2	4	1	1	22	1	1	31	0.04	0.01	0.17	0.47	0.04	0.01	5	10	1220		
89515773	178187	424214	6829837		SOIL	42	18	101	0.2	31	453	1	15	113	2.13	2	109	2	2	49	1	1	37	1	16	290	1	0.04	1.28	0.62	0.01	0.06	5	10	2103		
89515774	178188	424204	6829868		SOIL	14	7	37	0.2	9	68	1	5	8	1.4	1	17	2	2	33	1	1	10	1	5	338	0.18	0.05	0.63	0.14	0.01	0.01	5	10	1102		
89515775	178189	424204	6829908		SOIL	8	12	27	0.2	9	83	1	2	9	1.13	1	18	2	2	34	1	1	5	1	15	102	0.14	0.04	0.58	0.07	0.01	0.01	5	10	1033		
89515776	178189	424274	6829932		SOIL	13	2	18	0.2	35	162	1	7	22	1.89	1	15	2	2	14	1	1	65	1	19	309	0.26	0.01	0.52	1.09	0.01	0.01	5	10	1830		
89515777	178190	424201	6829935		SOIL	21	10	31	0.2	24	133	1	2	13	0.58	1	10	2	2	10	1	1	66	1	3	543	0.19	0.01	0.43	1.64	0.03	0.01	5	10	1125		
89515778	178192	424203	6829935		SOIL	39	4	61	0.2	13	178	1	6	30	0.87	1	7	2	2	6	1	1	128	1	2	1265	0.28	0.01	0.47	2.85	0.02	0.01	5	9	997		
89515779	178193	422888	6829822		SOIL	36	10	269	0.2	68	479	10	34	74	2.13	12	14	2	2	10	1	1	122	1	3	12904	0.34	0.01	0.46	2.38	0.04	0.01	5	9	1804		
89515780	178194	422885	6829832		SOIL	105	19	55	0.2	31	293	1	12	78	1.86	1	98	2	2	43	1	4	68	1	3	414	0.88	0.02									

Soils and Silt Geochemistry

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Br	Y	La	Mn	Mg	Tl	Al	Cs	Na	K	Au	WtAu	Be-XRF		
S9515825	178239	422806	6819320		SOIL	57	10	65	0.2	37	112	1	21	18	90	1.94	1	65	2	6	26	1	3	49	1	7	733	0.51	0.02	0.75	1.29	0.02	0.01	5	10	1678	
S9515826	178240	422850	6819113		SOIL	75	21	94	0.2	35	129	1	24	94	3.07	2	81	2	2	46	1	1	44	1	13	735	0.85	0.06	1.26	1.02	0.02	0.08	5	10	2384		
S9515827	178241	422842	6819027		SOIL	52	27	114	0.2	35	161	1	28	122	3.43	2	105	5	2	54	1	1	29	1	25	1	31	735	1.04	0.09	1.42	0.58	0.01	0.18	5	10	2180
S9515828	178242	422842	6819027		SOIL	16	13	16	0.2	16	82	1	2	17	0.41	1	8	2	2	8	1	1	49	1	5	106	0.12	0.01	0.32	1.07	0.02	0.01	5	10	1017		
S9515829	178243	422838	6816934		SOIL	7	9	9	0.2	12	52	1	4	6	0.46	1	2	2	2	8	1	1	15	1	2	836	0.06	0.02	0.18	0.28	0.02	0.01	5	10	1058		
S9515830	178244	422820	6816834		SOIL	10	14	46	0.2	15	55	1	8	29	1.73	1	36	2	2	31	1	1	5	1	10	160	0.43	0.08	0.9	0.1	0.01	0.1	5	10	1198		
S9515831	178245	422833	6816718		SOIL	27	11	39	0.2	37	153	1	7	47	0.86	3	64	2	2	11	1	2	106	1	4	777	0.27	0.01	0.44	2.03	0.02	0.01	5	10	1085		
S9515833	178247	422808	6816532		SOIL	44	22	75	0.2	48	157	1	31	76	4.11	3	66	2	2	40	1	1	21	1	21	1113	0.56	0.03	1.19	0.29	0.01	0.01	5	10	1988		
S9515834	178248	422797	6818433		SOIL	42	14	76	0.2	28	79	1	19	52	2.07	2	33	2	2	20	1	1	44	1	10	414	0.45	0.02	0.8	1.19	0.03	0.01	20	10	1678		
S9515835	178249	422793	6818317		SOIL	163	11	158	0.2	128	114	2	80	390	8.7	3	71	2	2	16	1	2	34	1	24	1019	0.56	0.01	0.78	0.69	0.01	0.01	5	10	6731		
S9515836	178250	422795	6818221		SOIL	67	31	138	0.2	28	109	1	7	44	2.81	6	25	2	2	45	1	1	41	1	17	117	0.18	0.03	0.63	0.2	0.01	0.01	5	10	1222		
S9516062	178626	426778	6823171		SOIL	34	19	68	0.4	29	399	1	12	22	2.99	2	31	2	2	37	1	1	21	1	22	625	0.56	0.08	1.29	0.23	0.01	0.24	5	10	3233		
S9516063	178627	426773	6823261		SOIL	35	12	68	0.2	29	293	1	18	24	3.01	1	45	2	2	49	1	1	17	1	16	888	0.71	0.1	1.8	0.34	0.01	0.15	5	10	1540		
S9516064	178628	426763	6823362		SOIL	18	2	23	0.2	12	102	1	5	7	0.65	1	10	2	2	11	1	1	7	1	4	877	0.13	0.01	0.44	0.11	0.03	0.01	5	10	1262		
S9516065	178629	426764	6823466		SOIL	19	4	42	0.2	12	182	1	7	10	1.44	2	18	2	2	24	1	1	18	1	9	666	0.23	0.01	0.89	0.31	0.02	0.04	5	10	1381		
S9516066	178630	426763	6823566		SOIL	37	10	88	0.2	29	240	1	12	57	2.24	1	54	2	2	37	1	1	18	1	18	638	0.73	0.05	1	0.35	0.01	0.09	5	10	2148		
S9516067	178631	426761	6823666		SOIL	14	2	9	0.2	12	94	1	2	6	0.58	1	9	2	2	20	1	1	11	1	3	135	0.08	0.02	0.64	0.21	0.03	0.01	5	10	1216		
S9516068	178632	426761	6823762		SOIL	33	8	89	0.2	31	209	1	14	38	2.94	1	55	2	2	48	1	1	14	1	18	696	0.84	0.09	1.33	0.3	0.01	0.1	5	10	2070		
S9516069	178633	426775	6823857		SOIL	24	14	84	0.2	27	161	1	8	18	2.53	2	37	2	2	56	1	1	10	1	12	470	0.39	0.16	0.98	0.12	0.01	0.14	5	10	1789		
S9516070	178634	426771	6823959		SOIL	34	9	112	0.2	25	478	1	10	28	2.35	2	37	2	2	40	1	1	22	1	12	615	0.43	0.02	1.35	0.4	0.02	0.18	5	10	2247		
S9516071	178635	426760	6824060		SOIL	14	9	44	0.2	6	272	1	5	17	1.2	1	24	2	2	25	1	2	10	1	10	260	0.26	0.01	0.63	0.11	0.02	0.07	5	10	1682		
S9516072	178636	426766	6824164		SOIL	27	9	81	0.2	18	371	1	11	40	2.4	2	53	2	2	46	1	1	15	1	20	527	0.57	0.03	1.27	0.23	0.01	0.09	5	10	2251		
S9516073	178637	426774	6824250		SOIL	31	12	71	0.2	19	211	1	15	45	2.32	2	49	2	2	39	1	2	15	1	20	847	0.66	0.07	1.04	0.26	0.01	0.08	5	10	2196		
S9516074	178638	426763	6824312		SED	31	10	107	0.2	36	517	1	15	59	2.51	2	50	2	2	36	1	1	47	1	15	2988	0.56	0.03	1.26	0.88	0.01	0.13	5	10	2308		
S9516075	178639	426762	6824361		SOIL	23	10	105	0.2	29	475	1	9	42	1.64	1	43	2	2	29	1	1	41	1	16	277	0.52	0.02	1.28	0.72	0.01	0.11	5	10	2198		
S9516076	178640	426763	6824413		SED	25	9	144	0.2	82	375	1	10	49	1.94	1	45	2	2	31	1	1	39	1	18	471	0.58	0.03	1.12	0.71	0.01	0.12	5	10	2002		
S9516077	178641	426763	6824449		SOIL	19	9	50	0.2	33	340	1	6	22	1.37	1	31	2	2	23	1	1	28	1	11	229	0.35	0.02	1.1	0.49	0.02	0.04	5	10	1673		
S9516078	178642	426774	6824548		SOIL	23	6	64	0.2	13	259	1	7	26	1.7	1	36	2	2	32	1	1	27	1	10	327	0.47	0.03	1	0.49	0.02	0.08	5	10	1790		
S9516079	178643	426762	6824655		SOIL	26	2	104	0.2	31	262	1	6	25	1.12	1	31	2	2	19	1	1	72	1	6	509	0.3	0.01	0.81	2.13	0.01	0.09	5	10	1282		
S9516081	178645	426771	6824845		SOIL	55	13	100	0.6	40	282	2	9	43	1.79	1	45	2	2	27	1	1	80	1	23	629	0.47	0.01	1.5	2.21	0.01	0.11	5	10	1374		
S9516082	178646	426767	6825058		SOIL	111	10	69	1	27	518	1	4	25	0.71	1	13	2	2	20	1	2	101	1	17	341	0.11	0.01	0.81	1.69	0.02	0.04	5	10	1784		
S9516083	178647	426761	6825058		SOIL	43	2	488	0.2	6	337	10	1	16	0.12	3	2	2	2	2	1	1	177	1	1	434	0.08	0.01	0.2	3.39	0.01	0.03	5	10	1663		
S9516084	178648	426760	6825097		SED	151	8	315	0.2	14	369	4	1	45	0.64	1	29	2	2	21	1	1	115	1	13	150	0.2	0.01	0.87	2.55	0.01	0.08	5	10	1481		
S9516085	178649	426769	6825154		SOIL	58	11	94	0.7	32	473	1	5	35	1.33	2	41	2	2	21	1	1	69	1	14	137	0.31	0.01	0.81	1.13	0.02	0.09	5	10	2008		
S9516086	178650	426773	6825242		SOIL	117	28	46	0.8	26	627	1	7	39	1.22	2	21	2	2	17	1	2	97	1	43	497	0.17	0.01	1.28	1.16	0.02	0.03	5	10	2125		
S9516087	178652	426778	6826458		SOIL	117	20	118	4	20	599	4	6	42	1	4	29	2	2	33	1	1	105	1	8	509	0.19	0.01	0.71	0.83	0.01	0.07	5	10	3096		
S9516088	178660	426761	6826164		SOIL	39	10	61	1.5	19	616	3	10	24	0.85	9	13	2	2	19	1	1	80	1	6	7168	0.1	0.01	0.49	0.49	0.02	0.01	5	-1	-		
S9516089	178662	426769	6826341		SOIL	38	9	66	0.2	15	297	6	1	13	0.48	2	7	2	2	5	1	1	66	1	2	127	0.05	0.01	0.31	0.81	0.02	0.01	5	9	1425		

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt/Au	Ba-XRF	
S9516136	178700	426787	6820678		SOIL	54	6	59	0.5	38	126	1	8	35	1.71	2	22	2	15	1	1	57	1	5	633	0.21	0.01	0.61	0.83	0.03	0.03	5	10	2077		
S9516137	178701	426789	6820562		SOIL	50	5	7	0.2	24	49	1	6	12	0.81	2	2	2	5	1	1	80	1	1	130	0.09	0.01	0.44	0.26	0.02	0.01	5	10	1098		
S9516138	178702	426793	6820472		SOIL	30	2	30	0.2	24	49	1	6	12	0.81	2	2	2	7	1	1	28	1	2	242	0.1	0.01	0.26	0.82	0.02	0.01	5	10	1664		
S9516139	178703	426796	6820383		SOIL	22	2	27	0.2	10	117	1	2	14	0.89	1	8	2	2	6	1	1	90	1	2	370	0.2	0.01	0.58	2.87	0.01	0.01	5	10	1168	
S9516140	178704	426793	6820184		SOIL	30	16	72	0.2	67	316	1	16	18	2.63	2	23	2	2	43	1	1	27	1	12	998	0.07	0.01	0.46	0.89	0.01	0.01	5	10	2275	
S9516141	178705	426793	6820099		SOIL	68	37	126	0.2	172	236	1	22	61	4.33	5	35	2	2	41	1	1	29	1	12	1060	0.4	0.01	1.15	1.07	0.01	0.03	5	10	1958	
S9516142	178706	426792	6820099		SOIL	21	2	36	0.2	5	153	1	1	8	0.19	1	2	2	2	4	1	1	84	1	1	199	0.2	0.01	0.38	3.5	0.01	0.01	5	10	3450	
S9516143	178707	426784	6819979		SOIL	26	2	38	0.2	9	90	1	1	16	0.35	1	6	2	2	2	2	1	1	75	1	1	371	0.23	0.01	0.28	2.8	0.01	0.01	5	10	740
S9516144	178708	426789	6819894		SOIL	26	2	38	0.2	9	90	1	1	16	0.35	1	6	2	2	2	2	1	1	75	1	1	371	0.23	0.01	0.28	2.8	0.01	0.01	5	10	658
S9516145	178709	426787	6819781		SOIL	17	7	5	0.2	2	35	46	1	2	15	0.27	1	13	2	2	4	1	1	42	1	1	179	0.14	0.01	0.26	1.19	0.02	0.01	5	10	1017
S9516146	178710	426790	6819885		SOIL	76	9	19	0.2	30	113	1	8	37	0.79	1	5	2	2	6	1	4	71	1	4	1004	0.21	0.01	0.4	1.8	0.01	0.01	5	10	1174	
S9516147	178711	426784	6819578		SOIL	19	8	2	0.2	31	30	1	2	8	0.35	1	2	2	2	5	1	2	24	1	1	115	0.1	0.01	0.17	0.82	0.03	0.01	5	10	1059	
S9516148	178712	426786	6819484		SOIL	42	115	87	0.2	148	126	1	11	37	2.25	1	26	2	2	17	1	1	40	1	10	403	0.4	0.01	0.79	1.09	0.01	0.05	5	10	1863	
S9516149	178713	423642	6824168		SOIL	26	2	136	0.2	5	252	9	1	19	0.52	2	2	2	2	3	1	1	115	1	1	2106	0.47	0.01	0.16	2.92	0.01	0.01	5	8	1009	
S9516150	178714	423600	6824259		SOIL	129	40	132	2	175	377	1	19	61	3.61	3	21	2	6	33	1	4	76	1	12	2695	0.36	0.01	0.77	1.27	0.01	0.06	40	10	2203	
S9516151	178715	423652	6824353		SOIL	65	15	118	1.4	533	208	1	11	31	2.54	2	20	2	2	29	1	1	102	1	9	1233	0.58	0.01	0.86	1.52	0.01	0.13	10	10	2525	
S9516152	178716	423518	6824442		SOIL	73	7	86	0.2	96	264	1	14	26	2.49	1	13	2	5	18	1	1	59	1	12	1756	0.37	0.01	0.93	0.94	0.02	0.08	5	10	2522	
S9516153	178717	423464	6824535		SOIL	30	8	80	0.2	33	133	1	8	16	1.36	2	9	2	2	15	1	3	95	1	3	780	0.31	0.01	0.58	1.35	0.02	0.01	5	10	1527	
S9516154	178718	423425	6824613		SOIL	38	8	102	0.2	39	134	1	13	24	1.27	2	7	2	2	14	1	2	89	1	4	360	0.31	0.01	0.52	2.03	0.02	0.01	5	10	1267	
S9516155	178719	423737	6824703		SOIL	27	2	82	0.2	69	481	1	19	19	5.06	1	2	2	2	4	1	1	132	1	1	7408	0.41	0.01	0.09	3.5	0.02	0.01	5	10	1381	
S9516156	178720	423488	6824669		SOIL	8	6	97	0.2	19	67	1	1	25	0.68	1	12	2	2	6	1	1	26	1	1	123	0.04	0.01	0.19	1.48	0.02	0.03	5	5	747	
S9516157	178721	423526	6824963		SOIL	76	10	1905	1.1	71	711	59	10	581	3.13	45	22	2	59	115	1	5	79	1	7	1307	0.2	0.01	0.68	1.48	0.02	0.03	5	10	2037	
S9516158	178725	423586	6825039		SOIL	12	4	134	0.2	10	61	4	1	72	0.23	3	7	2	2	9	1	1	9	1	1	76	0.02	0.01	0.09	0.19	0.03	0.01	5	10	1133	
S9516159	178726	423632	6825122		SOIL	18	2	14	1.6	4	44	1	1	5	0.2	1	2	2	2	8	1	1	11	1	1	15	0.02	0.01	0.11	0.09	0.03	0.01	5	10	1170	
S9516160	178727	423694	6825207		SOIL	8	9	38	0.9	5	232	1	1	7	0.55	3	11	2	2	27	1	1	41	1	19	44	0.03	0.01	0.47	0.03	0.01	0.01	5	10	2188	
S9516161	178728	423744	6825293		SOIL	17	9	58	0.5	14	199	1	4	26	0.88	3	53	2	2	21	1	1	31	1	11	89	0.16	0.04	0.43	0.11	0.01	0.04	5	10	2100	
S9516162	178729	423760	6825398		SOIL	15	8	27	1.5	8	89	1	1	12	0.63	2	18	2	2	24	1	1	39	1	6	40	0.04	0.01	0.23	0.04	0.02	0.01	5	10	1503	
S9516163	178730	423754	6825492		SOIL	7	6	19	0.2	4	45	1	2	5	0.56	1	9	2	2	2	19	1	1	38	1	6	41	0.02	0.01	0.38	0.04	0.02	0.01	5	10	1139
S9516164	178731	423745	6825594		SOIL	27	11	96	0.2	24	216	1	13	47	2.41	2	55	2	2	42	1	1	20	1	15	322	0.63	0.04	1.01	0.31	0.01	0.05	5	10	1668	
S9516165	178732	423750	6825700		SOIL	14	2	29	0.2	12	134	1	1	12	0.47	1	9	2	2	8	1	1	29	1	4	55	0.13	0.01	0.34	0.54	0.03	0.01	5	10	1271	
S9516166	178733	423742	6825706		SOIL	38	7	85	0.2	23	286	1	17	76	2.92	1	67	2	2	44	1	1	111	1	16	339	0.77	0.03	1.47	1.05	0.01	0.04	5	10	1776	
S9516167	178734	423742	6825807		SOIL	15	2	22	0.2	7	403	1	1	6	1.53	1	2	2	2	1	1	204	1	1	747	0.48	0.01	0.09	0.84	0.03	0.01	5	6	903		
S9516175	178742	423705	6826691		SOIL	34	10	107	0.2	28	354	1	11	66	2.33	2	63	2	2	42	1	1	59	1	15	696	0.83	0.04	1.21	1.04	0.02	0.02	5	10	1901	
S9516176	178744	423704	6826896		SOIL	20	2	38	0.2	14	210	1	1	7	0.21	2	2	2	2	3	1	1	146	1	1	536	0.32	0.01	0.44	2.7	0.02	0.01	5	10	1008	
S9516178	178745	423694	6826988		SOIL	18	12	113	0.2	15	95	1	2	21	1.69	3	24	2	2	30	1	1	20	1	16	136	0.2	0.03	0.56	0.1	0.01	0.03	5	10	1736	
S9516179	178746	423686	6827687		SOIL	23	4	159	0.2	25	218	1	11	50	3.21	3	52	2	2	39	1	1	16	1	20	362	0.46	0.01	1.27	0.13	0.01	0.05	5	10	1976	
S9516180	178753	423650	6827790		SOIL	23	2	53	0.2	27	114	1	1	10	0.21	1	2	2	2	3	1	1	84	1	2	142	0.21	0.01	0.28	1.98	0.03	0.01	5	10	907	
S9516181	178754	423655	6827883		SOIL	47	11	168	0.4	33	299	1	8	43	1.64	1	32	2	2	25	1	1	95	1	8	572	0.5	0.01	0.81	1.87	0.02	0.07	5	10	2296	
S9516182	178755	423651	6827974		SOIL	35	2	40																												

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Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF	
S9516219	178786	423641	6822863		SOIL	90	19	101	0.6	39	647	1	7	45	2.63	6	65	2	5	53	1	1	45	1	12	839	0.36	0.01	1.32	0.41	0.01	0.15	5	10	2760	
S9516220	178787	423672	6822784		SOIL	39	11	102	0.2	25	234	1	8	41	2.08	3	40	2	2	33	1	1	29	1	14	288	0.5	0.02	0.85	0.41	0.01	0.07	5	10	1948	
S9516221	178788	423675	6822667		SOIL	91	14	168	0.5	29	266	2	12	75	2.59	4	75	2	6	58	1	1	36	1	14	384	0.64	0.02	1.21	0.39	0.01	0.04	5	10	1987	
S9516222	178789	423672	6822463		SOIL	245	2	65	6.3	31	96	6	8	16	1.33	9	14	2	9	29	1	1	37	1	2	250	0.13	0.01	0.47	0.57	0.01	0.03	-1	-1	569	
S9516224	178791	423672	6822575		SOIL	8	2	1	0.2	2	34	1	1	2	0.15	1	2	2	2	2	3	1	1	7	1	1	29	0.02	0.01	0.06	0.06	0.02	0.01	5	10	1995
S9516225	178792	423674	6822278		SOIL	56	2	49	0.2	9	166	1	1	10	0.72	1	8	2	2	15	1	1	65	1	2	181	0.22	0.01	0.31	2.69	0.01	0.01	5	10	787	
S9516226	178793	423672	6822173		SOIL	31	2	55	0.2	31	135	1	5	15	1.52	1	4	2	2	3	1	1	71	1	3	623	0.17	0.01	0.3	2.71	0.02	0.01	5	10	1184	
S9516227	178794	423665	6822060		SOIL	46	10	95	0.2	74	134	1	10	33	2.4	1	22	2	2	17	1	1	41	1	9	361	0.3	0.01	0.58	1.05	0.01	0.03	5	10	1636	
S9516228	178795	423665	6821977		SOIL	108	2	42	0.2	64	85	1	4	15	0.67	1	5	2	2	9	1	1	159	1	2	303	0.26	0.01	0.54	2.73	0.02	0.01	5	10	1696	
S9516229	178796	423663	6821877		SOIL	16	2	32	0.2	28	96	1	2	5	0.39	1	4	2	2	4	1	1	62	1	2	165	0.08	0.01	0.34	1.08	0.02	0.01	5	10	968	
S9516230	178797	423661	6821778		SOIL	73	7	58	0.2	188	197	1	21	63	3.6	2	38	2	2	25	1	1	66	1	6	962	0.52	0.01	0.84	1.09	0.01	0.07	5	10	2635	
S9516231	178798	423672	6821678		SOIL	54	15	100	0.2	222	160	1	17	55	4.14	3	55	2	2	40	1	1	59	1	8	492	0.75	0.01	1.04	1.45	0.01	0.02	5	10	2418	
S9516232	178799	423658	6821576		SOIL	39	12	88	0.2	45	160	1	10	47	2.53	2	42	2	2	35	1	1	41	1	14	386	0.62	0.01	0.96	0.69	0.02	0.05	5	10	1715	
S9516233	178800	423664	6821464		SOIL	47	15	80	0.2	43	349	1	8	50	1.9	2	39	2	2	30	1	1	93	1	10	498	0.58	0.01	0.96	1.59	0.02	0.07	5	10	1826	
S9516234	178801	423664	6821369		SOIL	36	8	47	0.2	22	360	1	1	30	0.58	2	9	2	2	17	1	1	85	1	3	241	0.19	0.01	0.52	1.5	0.02	0.01	5	10	1463	
S9516235	178802	423659	6821261		SOIL	6	9	18	0.2	4	99	1	1	5	0.92	2	9	2	2	17	1	1	7	1	19	76	0.12	0.02	0.52	0.68	0.01	0.04	5	10	1664	
S9516236	178803	423662	6821163		SOIL	16	18	90	0.2	20	217	1	6	29	2.08	3	40	2	2	37	1	1	12	1	13	486	0.38	0.02	0.85	0.12	0.01	0.08	5	10	1709	
S9516237	178804	423663	6821076		SOIL	16	7	38	0.4	17	338	1	1	12	0.34	2	7	2	2	6	1	1	66	1	2	295	0.22	0.01	0.33	1.43	0.01	0.01	5	10	1346	
S9516238	178805	423655	6820971		SOIL	19	9	31	0.4	23	351	1	5	16	0.58	3	9	2	2	6	1	1	76	1	4	1437	0.29	0.01	0.51	1.45	0.03	0.01	5	10	1326	
S9516239	178806	423655	6820869		SOIL	28	14	95	0.2	29	296	1	6	36	1.5	2	38	2	2	32	1	1	44	1	10	384	0.47	0.02	0.74	0.87	0.02	0.06	5	10	1614	
S9516240	178807	423657	6820773		SOIL	21	9	78	0.2	24	278	1	6	34	1.34	1	31	2	2	5	1	1	40	1	10	305	0.41	0.01	0.62	0.71	0.01	0.03	5	10	1726	
S9516241	178808	423658	6820664		SOIL	39	19	183	0.8	38	627	1	9	49	1.91	3	35	2	2	35	1	1	104	1	11	1256	0.5	0.01	0.81	1.55	0.01	0.05	5	10	3524	
S9516242	178809	423658	6820563		SOIL	138	12	752	0.4	119	592	14	13	141	3.25	6	45	2	2	103	1	1	67	1	22	249	0.43	0.01	1.12	0.34	0.02	0.05	5	10	2485	
S9516243	178810	423657	6820475		SOIL	124	13	1122	0.2	95	497	7	11	155	3.99	6	38	2	2	102	1	1	126	1	20	331	0.46	0.01	1.1	0.77	0.03	0.04	5	10	2195	
S9516244	178811	423655	6820380		SOIL	135	10	513	0.2	80	385	11	8	114	2.57	4	33	2	2	70	1	1	65	1	17	90	0.33	0.01	0.95	0.26	0.01	0.05	5	10	1975	
S9516245	178812	423654	6820270		SOIL	61	2	35	0.2	1846	242	1	1	15	11.68	103	8	2	2	10	1	1	5	1	2	9	0.03	0.01	0.03	0.03	0.02	0.01	5	10	986	
S9516246	178813	423647	6820172		SOIL	55	9	180	0.2	46	272	1	9	53	2.07	3	46	2	2	34	1	1	43	1	17	668	0.58	0.02	1.24	1.11	0.02	0.06	5	10	1918	
S9516247	178814	423657	6820079		SOIL	48	11	203	0.2	28	198	1	13	59	2.34	2	42	2	2	32	1	1	40	1	19	898	0.58	0.02	0.99	1.25	0.01	0.11	5	10	2039	
S9516248	178815	423654	6819973		SOIL	19	2	15	0.2	8	52	1	3	11	0.25	1	5	2	2	5	1	1	21	1	3	216	0.07	0.02	0.29	0.52	0.03	0.01	5	10	1061	
S9516249	178816	423652	6819876		SOIL	44	12	161	0.2	31	235	1	10	52	1.62	2	39	2	2	23	1	1	75	1	12	702	0.58	0.01	0.75	2.25	0.01	0.06	5	10	1686	
S9516250	178817	423655	6819667		SOIL	52	4	22	0.2	33	278	1	12	63	1.88	2	41	2	2	24	1	1	6	31	1	21	363	0.93	0.02	1.22	1.76	0.01	0.04	5	10	2562
S9516251	178820	423647	6819471		SOIL	56	13	151	0.2	36	261	1	18	75	2.66	2	40	2	2	30	1	1	47	1	14	955	0.58	0.02	0.92	1.24	0.02	0.02	5	10	2265	
S9516252	178821	423650	6819374		SOIL	51	9	135	0.2	26	153	1	20	74	3.14	2	47	2	2	37	1	1	47	1	14	928	0.49	0.01	0.84	1.43	0.02	0.01	5	10	2081	
S9516253	178822	423647	6819273		SOIL	36	2	42	0.2	15	213	1	5	68	0.64	3	7	2	2	8	1	1	39	1	3	4544	0.12	0.01	0.35	0.9	0.04	0.01	5	10	1799	
S9516254	178823	423649	6819184		SOIL	114	2	114	0.4	13	249	1	9	64	1.29	2	25	2	2	16	1	1	108	1	9	2484	0.42	0.01	0.73	3.16	0.02	0.01	5	10	1348	
S9516255	178824	423648	6819082		SOIL	126	12	233	0.7	78	149	1	23	89	3.53	4	58	2	2	48	1	2	61	1	21	571	0.67	0.01	1.16	1.3	0.02	0.05	5	10	2030	
S9516256	178825	423655	6818978		SOIL	79	6	63	0.2	43	95	1	11	53	1.69	2	22	2	2	20	1	1	83	1	10	411	0.36	0.01	0.67	2.17	0.02	0.01	5	10	1546	
S9516257	178826	423648	6818874		SOIL	51	5	119	0.2	25	416	3	8	63	0.86	2	14	2	2	11	1	1	12	1	1	49	1342	0.36	0.01	0.65	1.13	0.01	0.07	5	8	

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Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt Au	Be-XRF		
S9519002	138193	427848	6826143		SOIL	10	2	13	0.2	5	56	1	1	2	0.2	1	2	2	3	1	1	3	1	2	26	0.01	0.01	0.12	0.02	0.03	0.01	5	10	1549			
S9519003	138194	427845	6826260		SOIL	10	2	31	0.2	10	15	1	1	2	0.09	1	10	2	10	22	1	1	1	1	3	2	0.01	0.01	0.05	0.01	0.01	0.01	5	10	1953		
S9519004	138195	427846	6826313		SOIL	2	2	4	0.2	1	15	1	1	1	0.06	1	2	2	2	1	1	1	2	1	1	2	0.01	0.01	0.05	0.01	0.01	0.01	5	10	1159		
S9519005	138196	427842	6826387		SOIL	85	29	132	1.8	29	776	1	14	66	2.52	1	57	2	6	30	8	1	1	154	11	8	714	0.7	0.01	1.48	0.81	0.01	0.05	5	10	4128	
S9519006	138197	427846	6826505		SOIL	59	4	54	0.6	1	928	1	2	25	0.58	1	16	2	7	8	1	1	1	216	5	3	120	0.2	0.01	0.53	1.6	0.03	0.01	5	10	3159	
S9519007	138198	427829	6826606		SOIL	18	2	44	0.2	1	438	1	7	19	2.23	1	32	2	9	47	1	1	1	10	5	4	377	0.38	0.01	0.88	0.12	0.01	0.02	5	10	1075	
S9519008	138199	427846	6826741		SOIL	24	6	53	0.2	13	631	1	7	27	2.32	1	65	2	11	37	1	1	1	6	8	7	410	0.44	0.01	1.28	0.08	0.01	0.02	5	10	2448	
S9519028	138217	427888	6821350		SOIL	61	54	65	5.3	19	326	4	4	17	0.89	2	13	2	2	15	1	1	1	133	10	4	491	0.2	0.01	0.47	1.42	0.03	0.01	5	10	1557	
S9519027	138218	427872	6821269		SOIL	20	7	40	0.5	1	85	1	1	6	0.45	1	4	2	2	6	1	1	18	2	2	35	0.04	0.01	0.24	0.16	0.01	0.01	5	10	1495		
S9519028	138219	427875	6821154		SOIL	38	8	270	0.5	23	211	3	10	41	1.93	1	18	2	2	7	13	5	1	1	85	8	9	1041	0.37	0.01	0.8	1.56	0.03	0.02	5	10	1814
S9519029	138220	427861	6821060		SOIL	65	7	83	0.2	20	202	1	13	45	3.16	1	22	2	2	24	6	1	1	35	9	8	485	0.38	0.01	1.02	0.73	0.02	0.05	5	10	2214	
S9519030	138221	427867	6820789		SOIL	19	2	34	0.2	10	40	1	4	13	0.99	1	6	2	2	6	1	1	23	2	2	105	0.15	0.01	0.34	0.59	0.01	0.01	5	10	1298		
S9519031	138237	425919	6827203		SOIL	33	11	79	0.2	1	69	1	12	34	2.48	1	15	2	2	9	4	1	1	116	10	6	248	0.47	0.01	0.73	0.24	0.01	0.02	5	10	3864	
S9519032	138238	424949	6827091		SOIL	13	9	44	0.2	52	158	1	5	18	2.3	1	20	2	2	30	1	1	9	1	6	193	0.19	0.01	0.8	0.08	0.01	0.02	5	10	1801		
S9519033	138239	424983	6827002		SOIL	76	11	101	1	22	381	2	17	44	2.38	4	22	2	6	23	1	1	62	10	5	1058	0.25	0.01	0.7	0.83	0.03	0.03	5	10	2562		
S9519034	138240	424957	6826900		SOIL	131	7	73	1.1	18	176	1	9	52	2.17	4	15	2	8	15	2	1	47	10	4	218	0.09	0.01	0.45	0.5	0.01	0.01	5	10	2784		
S9519035	138241	424960	6826801		SOIL	100	2	36	0.8	7	91	1	1	12	0.71	1	7	2	2	4	1	1	43	11	4	72	0.06	0.01	0.36	0.43	0.01	0.01	5	10	1408		
S9519036	138242	424965	6826867		SOIL	42	7	48	0.2	9	32	1	4	12	1.11	1	5	2	12	13	1	1	4	1	2	32	0.01	0.01	0.26	0.01	0.01	0.01	5	10	3010		
S9519037	138243	424963	6826594		SOIL	83	15	152	0.6	27	140	1	17	70	3.28	9	29	2	15	10	8	1	1	10	7	6	234	0.04	0.01	0.88	0.07	0.01	0.01	12	10	4355	
S9519038	138244	424969	6826485		SOIL	6	6	46	0.2	6	135	1	3	25	1.48	2	32	2	2	25	1	1	3	1	3	200	0.22	0.01	0.63	0.01	0.01	0.01	5	10	1689		
S9519039	138245	424967	6826389		SOIL	25	6	163	0.4	2	361	2	7	26	2.14	2	29	2	7	22	1	1	18	4	5	356	0.23	0.01	0.82	0.18	0.01	0.01	5	10	2558		
S9519040	138246	424965	6826291		SOIL	59	9	261	0.6	30	163	5	7	27	1.46	15	13	2	5	19	1	1	46	8	2	872	0.11	0.01	0.36	0.25	0.01	0.01	10	10	3477		
S9519041	138247	424974	6826201		SOIL	80	20	372	1.1	47	277	1	14	67	3.44	5	25	2	7	26	1	1	46	5	10	300	0.11	0.01	1.15	0.04	0.01	0.05	16	10	3856		
S9519042	138248	424985	6826093		SOIL	16	10	32	0.6	2	89	1	1	3	0.38	1	6	2	6	7	1	1	14	3	3	29	0.04	0.01	0.36	0.11	0.04	0.01	5	10	1348		
S9519043	138249	424978	6825996		SOIL	6	7	60	0.5	34	120	1	5	18	2.21	1	25	2	2	35	1	1	5	2	4	165	0.39	0.03	0.97	0.06	0.01	0.02	5	10	1665		
S9519044	138251	424982	6825800		SOIL	13	10	73	0.6	13	194	1	9	40	2.83	1	55	2	2	42	4	1	8	2	2	288	0.6	0.01	1.41	0.09	0.01	0.03	5	10	1996		
S9519045	138252	424979	6825708		SOIL	8	6	33	0.2	9	120	1	3	15	1.14	1	23	2	6	23	1	1	4	2	2	161	0.25	0.01	0.84	0.04	0.01	0.02	5	10	1975		
S9519046	138253	424986	6825593		SOIL	7	2	12	0.2	1	55	1	1	1	0.16	1	5	2	2	2	1	1	4	1	1	27	0.01	0.01	0.2	0.02	0.03	0.01	5	10	1219		
S9519047	138254	424959	6825485		SOIL	10	6	57	0.2	1	134	1	6	21	2.68	1	35	2	10	37	1	1	4	2	2	329	0.34	0.01	1.14	0.04	0.01	0.02	5	10	1602		
S9519048	138255	424977	6825391		SOIL	8	4	39	0.2	12	53	1	2	9	1.3	1	13	2	6	31	1	1	4	1	2	230	0.14	0.01	0.5	0.02	0.01	0.02	5	10	1499		
S9519050	138257	424991	6825198		SOIL	8	8	41	0.8	2	77	1	4	13	1.73	1	18	2	9	29	1	1	4	1	2	263	0.22	0.01	0.74	0.03	0.01	0.02	5	10	1644		
S9519051	138258	425000	6825105		SOIL	12	9	38	0.5	1	102	1	5	11	1.57	2	20	2	5	30	1	1	5	2	2	262	0.21	0.02	0.92	0.07	0.03	0.03	5	10	1660		
S9519052	138259	425000	6825007		SOIL	13	10	50	1.3	15	80	1	5	15	1.79	1	24	2	2	32	2	1	5	2	6	315	0.25	0.01	0.74	0.05	0.03	0.04	5	10	1750		
S9519053	138260	425000	6824803		SOIL	24	14	79	0.2	2	480	1	8	19	2.42	1	31	2	2	27	3	1	38	6	7	716	0.49	0.01	0.98	0.42	0.03	0.03	5	10	3075		
S9519054	138261	425021	6824712		SOIL	20	6	68	0.4	25	573	1	7	20	1.31	1	25	2	7	17	1	1	31	5	7	607	0.33	0.01	0.73	0.35	0.03	0.03	5	10	2978		
S9519055	138262	425002	6824608		SOIL	15	9	62	0.2	15	225	1	9	18	2.21	1	36	2	2	29	4	1	19	7	9	443	0.63	0.01	1.08	0.34	0.01	0.05	5	10	1726		
S9519056	138263	425003	6824505		SOIL	17	8	76	0.7	11	318	1	6	29	1.58	1	28	2	5	19	1	1	52	7	9	565	0.47	0.01	0.77	0.71	0.02	0.05	5	10	1783		
S9519057	138264	425009	6824347		SOIL	21	14	35	0.6	36	298	1	1	8	0.93	2	11	2	2	22	1	1	20	4	3	78	0.02	0.01	0.46	0.02	0.01	0.01	5	10	4229		
S9519058	138265	425010	6824127																																		

## Soils and Silt Geochemistry

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	Sb	V	Sn	W	Br	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	Wt/Au	Ba-XRF	
S9519143	247237	425534	6827069		SOIL	13	8	40	0.2	23	165	1	5	10	1.86	1	7	2	8	0	1	1	33	8	3	10z	J09	0.01	0.57	0.93	0.01	0.01	20	10	1495	
S9519144	247238	425518	6827180		SOIL	15	10	73	0.4	20	118	1	3	23	2.03	5	9	2	2	45	2	1	1	32	2	3	21	0.02	0.01	0.19	0.01	0.01	0.03	10	10	6300
S9519145	247240	426005	6822555		SOIL	16	21	15	2.6	11	607	1	1	4	0.72	23	7	2	19	17	2	1	3	21	0.02	0.01	0.19	0.01	0.01	0.03	10	10	6300			
S9519146	247241	426008	6822459		SOIL	14	30	14	1.3	22	447	1	1	3	0.88	17	7	2	12	28	2	1	110	1	5	10	0.01	0.01	0.12	0.01	0.01	0.04	5	10	4267	
S9519147	247242	426002	6822351		SOIL	30	16	91	1.5	41	270	1	1	12	1.66	10	17	2	19	45	4	1	107	4	4	46	0.04	0.01	0.34	0.02	0.01	0.08	5	10	7329	
S9519149	247243	426002	6822260		SOIL	2	28	3	1.8	9	194	1	1	1	0.43	3	5	2	9	4	1	1	21	1	4	2	0.01	0.01	0.13	0.01	0.01	0.06	5	10	5329	
S9519150	247244	425987	6822165		SOIL	36	24	19	3.7	3	277	1	1	3	0.78	8	14	2	5	24	4	1	224	8	7	15	0.01	0.01	0.37	0.06	0.01	0.03	5	10	8741	
S9519151	247245	425993	6822051		SOIL	34	10	86	0.9	19	65	1	2	15	2.07	1	8	2	11	33	2	1	21	1	3	104	0.01	0.01	0.42	0.01	0.01	0.02	5	10	2232	
S9519152	247246	426002	6821955		SOIL	48	11	158	0.9	10	85	1	3	21	1.39	4	4	2	5	17	1	1	17	2	2	45	0.01	0.01	0.43	0.04	0.01	0.01	5	10	3913	
S9519153	247247	425987	6821842		SOIL	33	34	138	4.1	9	175	5	1	11	1.84	1	13	2	7	26	1	1	165	2	3	66	0.01	0.01	0.32	0.06	0.01	0.04	5	10	1793	
S9519154	247248	425994	6821755		SOIL	34	8	34	1.4	49	175	1	10	32	3.85	3	22	2	2	36	10	1	5	1	4	200	0.18	0.01	0.99	0.01	0.01	0.02	5	10	2166	
S9519155	247249	425997	6821654		SOIL	26	13	65	0.9	27	237	1	4	21	1.63	2	20	2	2	22	1	1	22	5	7	158	0.19	0.01	0.5	0.12	0.01	0.01	10	10	3373	
S9519156	247250	425997	6821558		SOIL	38	13	91	0.5	23	328	1	6	42	1.52	3	29	2	6	23	1	1	38	6	6	243	0.32	0.01	0.52	0.12	0.01	0.03	5	10	4162	
S9519157	247251	425994	6821452		SOIL	29	9	50	0.8	37	199	1	10	31	3.92	2	37	2	6	38	1	1	10	3	4	272	0.34	0.01	1.08	0.09	0.01	0.02	10	10	1956	
S9519158	247252	425990	6821359		SOIL	49	6	53	0.4	23	235	1	12	49	2.59	2	50	2	7	34	1	1	27	8	6	353	0.63	0.01	1.16	0.47	0.01	0.03	5	10	2125	
S9519159	247253	426006	6821248		SOIL	40	9	58	0.2	25	198	1	10	30	2.64	1	26	2	6	27	1	1	12	3	7	376	0.34	0.01	0.88	0.16	0.01	0.05	5	10	2315	
S9519160	247254	425985	6821167		SOIL	4	39	4	2.4	18	186	1	1	1	2	8	4	2	2	4	5	1	7	1	1	15	0.01	0.01	0.15	0.01	0.01	0.27	20	10	4762	
S9519161	247255	425995	6821054		SOIL	22	12	49	1.3	34	181	1	9	18	1.74	1	16	2	7	19	1	1	14	3	4	692	0.14	0.01	0.89	0.19	0.01	0.04	5	10	1767	
S9519162	247256	425996	6820954		SOIL	49	8	76	0.2	69	238	1	10	35	2.4	1	21	2	2	20	5	1	20	9	8	263	0.34	0.01	0.83	0.43	0.01	0.03	5	10	2652	
S9519163	247257	426003	6820859		SOIL	69	14	107	0.5	103	238	1	11	41	3.11	2	24	2	2	26	1	1	30	8	8	774	0.33	0.01	0.95	0.72	0.01	0.05	5	10	2236	
S9519164	247258	426000	6820758		SOIL	36	9	34	0.2	158	198	1	13	36	2.88	1	29	2	7	22	1	1	16	4	5	255	0.39	0.01	0.76	0.41	0.01	0.02	5	10	2721	
S9519165	247259	425998	6820668		SOIL	92	18	106	1	143	306	1	15	74	4.88	2	32	2	2	31	5	1	52	18	8	1153	0.41	0.01	0.97	1.15	0.01	0.02	5	10	2368	
S9519166	247260	426002	6820564		SOIL	57	7	39	0.2	244	123	1	16	52	3.19	1	31	2	7	22	5	1	17	6	5	279	0.4	0.01	0.74	0.43	0.01	0.02	5	10	3154	
S9519167	247261	425995	6820457		SOIL	72	8	57	0.5	182	282	1	15	54	2.97	1	31	2	2	24	8	1	43	8	5	666	0.34	0.01	0.89	1.05	0.01	0.03	5	10	2837	
S9519168	247262	426002	6820372		SOIL	44	8	117	0.6	89	451	2	9	50	1.55	1	19	2	10	12	1	1	124	5	3	625	0.48	0.01	0.54	2.61	0.01	0.03	5	10	1849	
S9519169	247263	425999	6820244		SOIL	25	8	79	0.2	158	94	1	7	47	2.02	1	37	2	5	19	4	1	17	5	5	222	0.24	0.01	0.57	0.32	0.01	0.02	5	10	2345	
S9519170	247264	425997	6820170		SOIL	28	17	95	0.4	49	132	1	11	50	1.89	1	45	2	2	23	1	1	22	8	6	525	0.53	0.01	0.66	0.44	0.01	0.04	5	10	2052	
S9519171	247265	425995	6820073		SOIL	16	26	50	0.2	47	63	1	9	20	2.02	2	15	2	2	21	1	1	208	0.16	0.01	0.65	0.01	0.01	0.04	5	10	1525				
S9519172	247266	426000	6819954		SOIL	104	327	113	1.6	83	318	1	22	68	4.04	3	45	2	2	33	7	1	20	18	8	846	0.61	0.01	1.51	0.61	0.01	0.13	5	10	2226	
S9519173	247267	425999	6819867		SOIL	35	13	91	0.2	21	197	1	7	37	1.83	1	31	2	2	32	1	1	20	11	13	333	0.58	0.01	0.67	0.48	0.01	0.12	5	10	2033	
S9519174	247268	425994	6819763		SOIL	23	9	70	0.2	21	150	1	8	34	1.71	3	32	2	2	22	1	1	19	8	7	475	0.46	0.01	0.68	0.36	0.01	0.04	5	10	1556	
S9519175	247269	426000	6810665		SOIL	53	14	71	0.2	18	380	2	21	44	2.58	5	10	2	5	9	1	1	94	7	6	3228	0.32	0.01	0.38	2.57	0.03	0.03	5	10	791	
S9519176	247270	423314	6824945		SOIL	55	6	470	0.2	55	121	43	6	126	6.1	7	8	2	19	34	5	1	57	13	3	407	0.07	0.01	0.58	1.29	0.03	0.01	5	10	575	
S9519178	247271	423318	6824945		SOIL	46	16	443	0.5	32	134	3	14	75	2.26	14	19	2	7	21	1	1	38	8	7	466	0.35	0.01	0.5	0.39	0.01	0.03	5	10	2345	
S9519186	247280	423299	6825154		SOIL	105	6	735	1.2	20	395	26	13	227	0.72	24	12	2	33	2	2	20	1	1	227	0.09	0.01	0.55	0.89	0.03	0.01	5	10	1486		
S9519187	247281	423206	6825234		SOIL	59	9	829	1	6	409	45	6	143	0.46	44	12	2	32	15	1	1	43	5	3	233	0.09	0.01	0.34	1.42	0.01	0.01	5	10	1593	
S9519188	247282	423207	6825197		SOIL	127	10	212	4.3	11	676	75	26	75	1.18	14	14	2	5	43	1	1	106	20	5	11151	0.18	0.01	0.4	1.6	0.03	0.01	5	10	1580	
S9519189	247288	423206	6825975		SOIL	24	14	152	0.2	26	232	1	4	22	2.27	3	17	2	2	21	2	1	15	2	5	221	0.08	0.01	0.68	0.08	0.01	0.01	5	10	2630	
S9519190	247290	423207	6825324																																	

**Soils and Silt Geochemistry**

Lab No.	Field No.	UTM27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Br	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF	
S9519226	247320	423144	6829152		SOIL	52	2	111	0.2	13	372	1	2	32	0.53	4	4	2	5	2	7	1	125	7	3	658	0.25	0.01	0.46	2.39	0.04	0.02	5	10	780	
S9519227	247321	423136	6829263		SED	68	18	224	0.6	3	357	3	10	95	2.12	1	63	2	5	21	4	1	61	9	3	811	0.53	0.01	0.49	1.01	0.03	0.03	5	10	2235	
S9519228	247322	423127	6829378		SOIL	46	15	92	0.2	22	491	1	10	40	1.87	4	23	2	13	14	1	3	68	6	2	494	0.2	0.01	0.48	1.01	0.03	0.03	5	10	3264	
S9519229	247323	423144	6829406		SOIL	23	5	41	0.2	4	398	1	2	17	0.52	1	6	2	2	3	4	3	60	2	2	133	0.1	0.01	0.31	2.12	0.03	0.01	5	10	1997	
S9519230	247324	423122	6829584		SOIL	20	6	49	0.2	13	3121	1	6	7	1.23	2	12	2	2	30	1	1	23	2	5	231	0.46	0.01	0.47	1.02	0.04	0.01	5	10	4536	
S9519231	247325	423122	6829678		SOIL	49	13	65	0.8	1	458	1	7	26	1.27	3	17	2	2	18	1	1	54	23	24	1249	0.19	0.01	0.89	1.05	0.03	0.01	5	10	2080	
S9519232	247326	423125	6829776		SOIL	36	16	99	0.2	16	470	1	8	46	1.14	1	35	2	2	25	1	1	45	9	6	141	0.35	0.01	0.63	0.8	0.03	0.01	5	10	2220	
S9519233	247327	423118	6829875		SOIL	20	17	55	0.2	13	153	1	7	31	2.99	2	30	2	7	38	3	2	4	2	4	223	0.31	0.01	1.04	0.03	0.01	0.02	5	10	1881	
S9519234	247328	423115	6829965		SOIL	23	12	51	0.2	1	177	1	9	29	2.17	1	28	2	2	24	8	2	7	2	7	304	0.39	0.01	1.02	0.04	0.01	0.02	5	10	1805	
S9519235	247329	423339	6824057		SOIL	15	10	45	0.2	18	193	1	6	11	2.2	1	14	2	2	41	5	1	13	2	4	325	0.14	0.01	0.78	0.05	0.01	0.02	10	10	1718	
S9519236	247330	423352	6823951		SOIL	24	5	34	0.2	28	99	1	5	14	1.39	1	8	2	2	2	8	1	1	52	6	3	204	0.16	0.01	0.45	1.31	0.04	0.02	5	10	1551
S9519237	247331	423342	6823862		SOIL	39	14	91	0.4	20	252	1	7	27	1.48	1	25	2	2	24	6	1	38	6	6	285	0.32	0.01	0.61	0.41	0.01	0.01	5	10	2550	
S9519238	247332	423341	6823787		SOIL	46	15	79	0.5	24	654	1	10	50	2.26	4	34	2	2	29	3	1	45	10	7	2833	0.37	0.01	0.86	0.68	0.03	0.03	5	10	3003	
S9519239	247333	423348	6823680		SOIL	20	9	99	0.2	1	817	2	6	34	0.7	5	7	2	2	5	1	1	144	1	2	21083	0.41	0.01	0.41	31	0.04	0.02	5	10	1810	
S9519240	247334	423356	6823580		SOIL	63	10	59	0.2	81	472	1	10	50	2.06	1	29	2	2	24	1	1	63	10	6	2107	0.34	0.01	0.68	1.5	0.03	0.01	5	10	2223	
S9519241	247335	423349	6823477		SOIL	49	13	80	0.2	63	403	1	14	61	2.53	4	45	2	2	31	1	1	31	10	8	1045	0.54	0.01	0.91	0.5	0.01	0.04	5	10	2651	
S9519242	247336	423345	6823381		SOIL	18	2	40	0.2	303	291	1	3	13	6.12	12	5	2	2	10	5	1	72	1	1	1451	0.05	0.01	0.35	1.7	0.03	0.01	5	10	636	
S9519243	247337	423351	6823285		SOIL	97	4	139	0.2	7	242	2	7	66	1.13	5	10	2	2	19	1	1	124	4	2	138	0.18	0.01	0.23	3.04	0.04	0.01	5	10	521	
S9519244	247338	423347	6823180		SOIL	67	8	83	0.5	17	221	6	5	57	1.54	8	14	2	11	21	2	1	57	6	5	1459	0.17	0.01	0.49	1.25	0.03	0.02	5	10	1163	
S9519245	247339	423359	6823099		SOIL	241	5	75	0.6	13	177	5	13	38	0.88	2	19	1	2	11	23	1	1	75	14	4	830	0.29	0.01	0.66	2.47	0.04	0.01	5	10	629
S9519246	247340	423365	6822994		SOIL	48	11	49	0.2	7	116	1	3	21	0.95	3	46	2	2	28	1	1	27	5	4	141	0.46	0.01	0.69	0.92	0.03	0.01	5	10	1570	
S9519247	247341	423353	6822895		SOIL	78	15	51	1.6	20	174	1	6	14	1.41	4	23	2	2	57	4	1	31	4	4	280	0.19	0.01	0.47	0.3	0.03	0.03	5	10	2349	
S9519248	247342	423364	6822796		SOIL	269	20	195	0.7	13	172	2	7	41	3.01	3	17	2	2	30	9	1	51	8	5	148	0.05	0.01	0.36	0.12	0.02	0.03	10	10	3319	
S9519249	247343	423368	6822705		SOIL	43	7	13	1.3	3	55	1	1	3	0.33	1	6	2	2	9	5	1	16	2	2	15	0.01	0.01	0.26	0.24	0.04	0.02	5	10	1175	
S9519250	247344	423351	6822605		SOIL	10	9	27	0.2	21	69	1	2	7	1	1	10	2	2	6	2	1	1	7	1	3	61	0.09	0.01	0.4	0.02	0.01	0.03	5	10	1428
S9519251	247345	423368	6822509		SOIL	26	22	35	1.1	20	188	1	2	10	0.91	1	17	2	2	14	1	1	46	1	1	45	0.14	0.01	0.26	0.64	0.01	0.05	5	10	2411	
S9519252	247346	423365	6822410		SOIL	59	12	77	0.2	59	199	1	16	38	2.58	3	28	2	2	26	1	1	46	9	6	335	0.45	0.01	0.78	1.18	0.03	0.05	5	10	2041	
S9519253	247347	423366	6822214		SOIL	34	7	33	0.2	13	149	1	8	19	1.02	1	12	2	2	9	1	1	68	5	4	263	0.26	0.01	0.57	1.77	0.04	0.02	5	10	1298	
S9519254	247349	423373	6822207		SOIL	92	9	43	0.2	21	494	1	10	14	2.08	2	20	2	2	77	2	1	30	6	8	308	0.47	0.03	0.86	0.33	0.03	0.09	5	10	3235	
S9519255	247350	423377	6822114		SOIL	14	10	50	0.2	30	112	1	8	9	2.70	1	6	2	2	22	13	1	1	26	6	4	701	0.22	0.01	0.57	0.4	0.04	0.04	5	10	1778
S9519256	247351	423377	6822011		SOIL	53	8	82	0.2	30	162	1	10	26	1.57	1	16	2	2	13	1	1	104	8	5	968	0.42	0.01	0.57	2.38	0.04	0.02	5	10	1319	
S9519257	247352	423370	6821911		SOIL	31	11	108	0.2	28	420	1	16	32	2.41	1	26	2	2	24	1	1	59	7	6	2399	0.42	0.01	0.7	1.55	0.03	0.02	5	10	1817	
S9519258	247360	423385	6821105		SOIL	21	5	32	0.2	8	558	1	4	22	0.62	1	11	2	2	10	2	1	112	4	1	430	0.3	0.01	0.44	2.38	0.05	0.02	5	10	1503	
S9519259	247362	423377	6820904		SOIL	26	12	72	0.2	24	258	1	7	24	1.84	3	31	2	2	29	1	1	42	7	8	268	0.48	0.01	0.75	0.59	0.03	0.03	5	10	2168	
S9519260	247363	423380	6820809		SOIL	18	9	66	0.2	7	272	1	5	23	1.65	4	32	2	2	25	1	1	33	9	11	245	0.52	0.01	0.82	0.67	0.04	0.05	5	10	1757	
S9519261	247364	423389	6820430		SOIL	50	14	127	0.4	11	248	1	12	47	2.37	4	32	2	2	32	1	1	24	14	15	306	0.43	0.01	0.87	0.64	0.02	0.04	5	10	2148	
S9519262	247365	423386	6820316		SOIL	31	10	110	0.2	19	196	1	6	28	1.54	1	24	2	2	20	1	1	34	7	9	504	0.27	0.01	0.75	0.81	0.04	0.03	5	10	1752	
S9519263	247366	423386	6820214		SOIL	41	9	126	0.2	17	147	1	11	55	2	5	35	2	2	26	1	1	415	0.48	0.01	0.77	0.36	0.01	0.07	5	10	2268				
S9519264	247367	4233																																		

**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Be-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Cs	Na	K	Au	Wt Au	Ba-XRF			
S0519994	96373	427208	6825372		SOIL	42	8	62	0.2	6	163	1	11	27	2.03	3	42	2	5	33	1	1	12	8	12	0.06	0.01	0.79	0.14	0.01	0.02	5	10	3067				
S0519995	96374	427211	6825469		SOIL	35	11	60	0.2	1	108	1	9	25	2.12	2	42	2	2	35	1	1	1	9	6	23	1814	0.49	0.01	0.79	0.08	0.01	0.03	5	10	1638		
S0519996	96375	427212	6825571		SOIL	41	10	55	0.2	4	131	1	6	22	1.63	2	22	2	2	21	1	3	11	8	4	10	617	0.43	0.01	0.79	0.15	0.01	0.02	5	10	4399		
S0519997	96376	427205	6825665		SOIL	99	12	61	0.2	1	173	1	16	51	2.05	3	29	6	5	22	1	1	1	9	6	23	1814	0.49	0.01	0.79	0.08	0.01	0.03	5	10	1432		
S0519998	96377	427212	6825751		SOIL	9	13	28	0.2	5	39	1	1	6	1.27	1	11	2	2	30	1	1	1	2	1	4	115	0.08	0.04	0.48	0.02	0.04	0.01	5	10	1961		
S0520000	96379	427206	6825974		SOIL	126	10	41	2.1	11	368	1	2	28	0.72	4	9	6	2	5	7	1	1	52	30	25	181	0.06	0.01	0.82	1.05	0.04	0.01	5	10	1984		
S0520001	96380	427210	6826067		SOIL	14	7	18	0.4	13	49	1	1	3	0.62	4	6	5	2	17	1	1	1	3	1	12	97	0.02	0.01	0.39	0.02	0.03	0.01	5	10	2514		
S0520002	96381	427207	6826171		SOIL	29	15	51	0.2	25	125	1	13	20	4.21	1	35	6	2	53	1	1	1	6	1	7	895	0.3	0.08	1.09	0.03	0.01	0.03	5	10	2100		
S0520003	96382	427207	6826282		SOIL	20	14	51	0.2	13	105	1	7	24	3.61	1	39	2	6	54	1	3	1	5	1	5	302	0.4	0.08	1.1	0.04	0.01	0.03	5	10	1849		
S0520004	96383	427206	6826385		SOIL	14	10	47	0.2	18	87	1	1	5	0.86	4	7	2	2	19	1	1	4	1	17	81	0.03	0.01	0.41	0.01	0.03	0.01	5	10	4984			
S0520005	96384	427212	6826474		SOIL	31	18	78	0.2	7	378	1	6	24	1.47	3	23	2	2	23	1	1	1	12	2	11	406	0.23	0.01	0.69	0.05	0.04	0.04	5	10	4775		
S0520006	96385	427214	6826569		SOIL	26	37	68	1	4	446	1	3	6	0.87	5	7	2	8	14	1	1	120	5	6	1509	0.06	0.01	0.32	0.37	0.04	0.02	5	10	5574			
S0520007	96386	427203	6826689		SOIL	33	9	52	0.2	5	84	1	1	5	0.66	3	15	2	2	13	1	3	15	2	6	21	0.01	0.04	0.34	0.03	0.02	0.02	5	10	1704			
S0520008	96387	427203	6826792		SOIL	31	8	69	0.2	14	285	1	5	30	1.54	6	33	2	2	21	1	1	33	8	24	336	0.39	0.01	0.63	0.23	0.01	0.03	5	10	4182			
S0520009	96388	427214	6826875		SOIL	7	17	22	1.3	3	78	1	1	3	0.35	4	8	2	2	17	1	1	40	1	14	19	0.01	0.01	0.31	0.02	0.04	0.02	5	10	2392			
S0520010	96389	427207	6826968		SOIL	15	12	31	0.8	1	50	1	1	4	0.4	7	6	2	2	17	1	1	16	1	15	13	0.01	0.01	0.26	0.01	0.03	0.01	5	10	2471			
S0520011	96390	427210	6827105		SOIL	15	27	47	1.2	14	123	1	1	11	1.28	4	20	2	7	38	1	1	58	2	8	51	0.06	0.01	0.43	0.03	0.04	0.02	10	10	3492			
S0520012	96391	427201	6827181		SOIL	12	22	44	0.8	8	84	1	1	8	0.69	4	11	2	2	26	1	1	62	2	7	28	0.01	0.01	0.29	0.02	0.03	0.02	5	10	2399			
S0520013	96392	427202	6827193		SOIL	29	22	54	0.2	58	135	1	2	15	1.72	6	11	2	2	23	1	1	14	2	17	118	0.06	0.01	0.61	0.01	0.01	0.01	5	10	6842			
S0520014	96393	427205	6827196		SOIL	25	141	26	0.4	28	221	1	1	5	1.23	9	8	2	2	24	1	1	26	4	5	25	35	0.03	0.01	0.26	0.01	0.01	0.02	5	10	14708		
S0520015	96394	427203	6827197		SOIL	16	14	16	6.7	28	1382	1	1	6	2.37	58	46	2	31	153	1	1	366	5	10	102	0.04	0.01	0.35	0.02	0.01	0.18	5	10	7064			
S0520016	96395	427213	6827199		SOIL	12	18	14	1.8	10	441	1	1	3	0.69	11	7	7	26	1	2	54	1	8	14	0.01	0.01	0.34	0.01	0.03	0.04	5	10	4343				
S0520017	96396	427303	6827213		SOIL	22	33	53	4.7	25	237	1	2	11	1.72	11	16	5	2	57	1	1	123	7	8	85	0.05	0.01	0.42	0.08	0.01	0.07	5	10	3281			
S0520018	96397	427302	6827214		SOIL	66	18	412	0.2	3	23	1	7	37	2.33	9	4	2	2	16	1	1	1	9	3	28	133	0.01	0.01	0.19	0.01	0.01	0.01	5	10	3014		
S0520019	96398	427302	6827216		SOIL	156	126	771	2.3	91	67	1	3	122	3.06	83	12	10	22	112	1	1	21	14	14	56	0.01	0.01	0.35	0.02	0.01	0.02	5	10	2442			
S0520020	96399	427303	6827217		SOIL	13	6	74	0.8	4	116	2	1	9	0.62	3	8	2	2	10	1	2	19	2	4	61	0.04	0.01	0.26	0.08	0.03	0.02	5	10	1583			
S0520021	96400	427405	6821174		SOIL	31	37	1474	1.2	1	21	2	2	31	4.57	4	4	5	9	5	2	1	2	5	128	0.01	0.01	0.28	0.01	0.01	0.01	12	10	2498				
S0520022	96401	427413	6821107		SOIL	17	17	89	0.4	25	59	1	2	9	1.97	6	7	2	2	28	1	1	5	1	7	86	0.03	0.01	0.58	0.02	0.03	0.02	5	10	1347			
S0520023	96402	427413	6821201		SOIL	32	14	71	0.5	1	196	1	11	35	3.97	3	27	5	2	29	1	2	20	4	14	371	0.3	0.01	1.21	0.23	0.03	0.04	10	2200				
S0520024	96402	427414	6821201		SOIL	36	9	69	0.8	4	41	1	5	27	1.25	1	16	2	2	15	1	2	53	1	7	310	0.25	0.01	0.68	1.24	0.05	0.02	5	10	1440			
S0520025	96403	427423	6820820		SOIL	66	2	70	0.5	209	477	9	3	109	13.19	10	13	2	5	5	13	1	1	25	10	6	100	0.01	0.01	0.57	0.06	0.03	0.01	5	10	72		
S0520026	96405	427503	6820861		SOIL	40	8	73	0.2	55	82	1	7	22	1.78	1	12	2	2	7	1	1	16	1	1	95	5	4	326	0.37	0.01	0.65	1.89	0.04	0.03	5	10	1009
S0520027	96406	427533	6820582		SOIL	63	6	48	0.6	329	80	1	13	28	2.6	1	11	2	2	26	1	1	115	6	4	897	0.48	0.01	0.64	2.46	0.04	0.01	5	10	646			
S0520028	96407	427513	6820469		SOIL	27	9	46	0.2	44	99	1	17	51	3.78	2	108	2	2	72	3	1	8	2	8	322	1.29	0.02	1.77	0.11	0.03	0.04	5	10	1641			
S0520029	96408	427504	6820393		SOIL	70	9	61	0.2	23	269	1	17	50	4.7	3	49	2	2	81	3	1	297	1	1	297	1	0.01	2.32	0.1	0.01	0.11	5	10	2356			
S0520030	96409	427495	6820820		SOIL	16	19	54	0.2	29	147	1	6	26	3.7	5	33	2	2	45	2	1	5	2	13	233	0.32	0.01	1.65	0.05	0.01	0.06	5	10	1694			
S0520031	96410	427465	6820805		SOIL	21	11	57	0.2	60	122	1	9	25	3.28	2	33	5	2	42	1	1	3	2	9	297	0.52	0.02	1.38	0.05	0.01	0.05	5	10	2467			
S0520032	96411	427438	6819805		SOIL	192	15	108	1.7	18	185	1	12	74	2.89	7	16	7	6	18	2	1	83	15	7	427	0.29	0.01	0.52	1.46	0.01	0.03	5	10	2215			
S0520033	96413	4274																																				

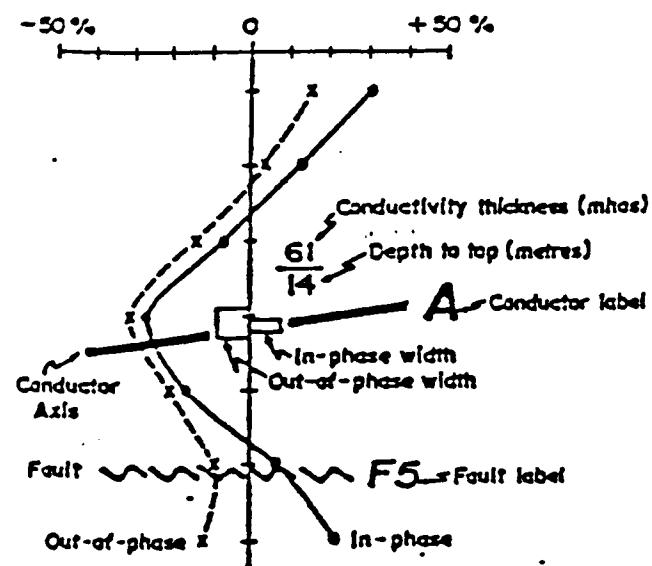
**Soils and Silt Geochemistry**

Lab No.	Field No	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bl	8b	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WtAu	Be-XRF				
S9520093	96475	424137	6820351		SOIL	78	6	203	0.4	43	971	2	29	103	7.97	6	110	12	10	52	8	1	51	12	14	3249	1.4	0.02	1.81	1.43	0.04	0.05	5	10	2908				
S9520094	96476	424129	6820243		SOIL	71	9	119	0.5	26	538	1	14	76	2.34	2	12	55	2.41	3	79	2	5	38	1	1	28	9	13	1030	0.98	0.01	1.35	0.85	0.01	0.05	5	10	2298
S9520095	96477	424137	6820144		SOIL	41	12	129	0.2	13	559	1	12	55	2.41	3	79	2	5	38	1	1	28	12	15	1611	0.83	0.01	1.26	0.78	0.01	0.05	5	10	2278				
S9520096	96478	424130	6820045		SOIL	38	10	160	0.6	12	262	1	14	57	2.13	3	43	6	2	26	1	1	38	11	15	2608	0.64	0.01	0.97	1.37	0.01	0.08	5	10	1872				
S9520097	96479	424131	6819936		SOIL	39	8	117	0.2	12	164	1	10	39	1.73	6	42	2	2	25	1	1	39	16	18	726	0.63	0.01	0.99	1.36	0.04	0.07	5	10	1687				
S9520098	96480	424140	6819848		SOIL	27	10	260	0.6	45	261	1	10	48	2.49	5	26	2	2	29	1	1	47	9	10	799	0.33	0.01	0.71	0.51	0.01	0.04	5	10	1854				
S9520099	96481	424123	6819754		SOIL	33	9	155	0.2	25	201	1	10	52	1.01	1	46	2	2	27	1	1	47	13	20	1247	0.72	0.01	1.23	1.64	0.01	0.11	5	10	1730				
S9520100	96482	424122	6819636		SOIL	28	8	129	0.4	3	299	1	14	49	1.64	5	35	2	2	18	1	1	39	8	13	4082	0.42	0.01	0.98	1.34	0.02	0.07	5	10	1558				
S9520101	96483	424132	6819559		SOIL	24	6	71	0.2	8	168	1	7	33	1.43	3	42	2	2	21	1	1	34	11	19	339	0.48	0.01	1.01	1.29	0.01	0.09	5	10	1436				
S9520102	96484	424133	6819446		SOIL	92	11	148	0.8	18	211	1	21	69	2.21	2	34	2	2	23	1	1	57	13	13	1540	0.48	0.01	0.87	2.05	0.05	0.04	5	10	1860				
S9520103	96485	424128	6819341		SOIL	74	11	106	0.7	16	113	1	14	59	2.32	5	40	5	2	22	1	1	48	9	11	1226	0.57	0.01	0.93	1.78	0.01	0.02	5	10	2095				
S9520104	96486	424128	6819260		SOIL	163	14	244	1.5	42	105	1	26	103	4.05	3	44	2	8	22	2	1	51	17	10	978	0.41	0.01	1.01	2.04	0.01	0.04	5	10	237				
S9520105	96487	424128	6819260		SOIL	141	4	166	0.5	27	45	1	33	137	4.59	4	87	6	2	27	1	1	22	11	13	662	1.49	0.01	1.78	0.65	0.01	0.01	5	10	5202				
S9520106	96488	424126	6819149		SOIL	152	17	327	0.9	34	281	6	30	80	3.65	4	31	2	2	36	1	1	69	39	27	2729	0.35	0.01	1.25	1.43	0.05	0.03	5	10	1484				
S9520107	96489	424113	6819047		SOIL	60	7	178	0.7	45	140	1	16	37	3.88	7	36	2	6	49	1	1	31	11	14	585	0.46	0.01	0.95	0.72	0.01	0.02	5	10	2167				
S9520108	96490	424121	6818964		SOIL	54	16	76	3.4	11	152	1	3	31	1.49	1	28	5	2	33	1	1	54	7	19	88	0.2	0.01	0.79	0.15	0.05	0.05	5	10	1501				
S9520109	96491	424128	6818859		SOIL	75	22	135	3	25	175	1	6	49	2.45	7	43	7	2	127	1	1	84	11	26	366	0.49	0.01	1.38	0.34	0.04	0.07	10	10	1615				
S9520110	96492	424118	6818754		SOIL	4	2	7	0.2	2	12	1	1	2	0.12	1	5	2	2	9	1	1	4	2	9	8	0.01	0.01	0.15	0.01	0.01	0.01	10	10	1549				
S9520111	96493	424115	6818641		SOIL	10	6	32	0.2	6	37	1	2	16	0.67	1	20	7	2	30	1	1	5	3	6	38	0.16	0.01	0.35	0.07	0.01	0.04	5	10	1419				
S9520112	96494	424122	6818562		SOIL	8	7	23	0.2	7	20	1	1	12	0.6	2	13	2	2	27	1	1	2	2	5	31	0.09	0.01	0.25	0.01	0.01	0.02	5	10	1329				
S9520113	96495	424119	6818446		SOIL	12	9	34	0.2	1	40	1	2	17	0.82	4	20	2	6	34	1	1	3	2	5	48	0.15	0.01	0.4	0.03	0.01	0.03	5	10	1428				
S9520115	96497	424110	6818254		SOIL	6	2	11	0.5	1	29	1	1	5	0.26	2	6	5	2	8	1	1	3	1	3	13	0.04	0.01	0.22	0.03	0.01	0.01	5	10	1310				
S9520117	96499	424103	6818061		SOIL	26	9	68	0.2	7	90	1	5	32	1.57	2	35	6	2	63	1	1	12	7	11	226	0.48	0.01	0.92	0.37	0.01	0.06	5	10	1466				
S9520187	96242	424185	6822328		SOIL	164	12	1032	0.5	222	859	13	15	126	7.54	31	26	5	17	170	4	1	323	26	17	938	0.28	0.01	1.22	0.6	0.01	0.12	5	10	1548				
S9520188	96243	424181	6822232		SOIL	37	12	105	0.5	20	52	2	6	41	0.83	2	14	6	5	8	1	1	94	8	6	1688	0.41	0.01	0.53	0.24	0.04	0.05	5	10	3051				
S9520189	96244	424180	6822139		SOIL	39	22	117	0.6	34	448	1	15	53	2.57	3	50	5	3	33	1	1	26	10	14	482	0.59	0.01	1.41	0.35	0.01	0.1	5	10	2532				
S9520190	96245	424188	6822031		SOIL	20	8	69	0.5	28	289	1	6	27	1.21	1	23	2	2	14	2	1	44	4	5	459	0.26	0.01	0.6	0.82	0.01	0.03	5	10	1396				
S9520192	96247	424170	6821837		SOIL	28	12	131	0.6	35	392	1	10	57	2.3	7	44	2	2	28	1	1	89	7	7	1657	0.51	0.01	0.8	1.65	0.01	0.05	5	10	1769				
S9520193	96248	424165	6821727		SOIL	37	7	132	0.4	4	477	2	10	59	0.86	1	19	2	5	10	1	1	105	6	6	2198	0.35	0.01	0.56	2.21	0.04	0.03	5	10	1382				
S9520194	96250	424168	6821531		SOIL	62	8	606	0.2	106	342	5	18	97	6.71	7	29	5	8	114	2	1	41	24	18	751	0.32	0.01	1.43	0.18	0.01	0.05	5	10	2017				
S9520231	96248	424180	6823525		SOIL	28	8	42	0.2	1	109	1	3	17	1.47	2	18	5	2	19	1	1	6	3	15	154	0.22	0.01	0.7	0.05	0.01	0.02	5	10	3513				
S9520232	96247	424090	6823704		SOIL	46	7	55	0.2	1	253	1	9	47	1.6	2	34	2	2	22	1	1	3	9	7	579	0.54	0.01	0.83	0.14	0.01	0.03	5	10	2971				
S9520233	96247	424085	6823793		SOIL	47	13	64	0.2	1	293	1	14	38	2.39	2	50	5	2	42	1	1	10	11	13	1111	0.84	0.04	1.41	0.14	0.01	0.03	5	10	2269				
S9520235	96249	424094	6824004		SOIL	45	10	50	1	305	1	9	32	2.64	2	58	2	5	8	53	1	1	7	8	12	938	0.66	0.02	1.44	0.11	0.01	0.04	5	10	2097				
S9520237	96249	4241903	6824097		SOIL	47	16	78	0.2	1	181	1	14	37	2.88	1	47	2	2	49	1	1	6	6	9	796	0.72	0.04	1.49	0.1	0.01	0.04	5	10	2447				
S9520238	96249	4241903	6824291		SOIL	59	13	83	0.2	21	180	1	10	33	2.13	2	28	6	2	30	1	1	4	9	12	823	0.42	0.02	1.05	0.15	0.01	0.04	5	10	1696				
S9520247	962101	424090	6825267		SOIL	117	16	97	0.4	21	202	1	14	45	2.09	4	23	2	10	26	1	1	3	9	11	1702	0.32	0.01	0.93	0.09	0.01	0.03	30	10	2048				
S9520248	962102	424090	6825307		SOIL	26	7	26	0.2	11	68	1	4	10	1.49	1	18	2	2	28	1	1	5	6	5	592	0.15	0.01	0.7	0.05	0.03	0.03							

**Soils and Silt Geochemistry**

Lab No.	Field No.	UTME27	UTMN27	Date	Material	Cu	Pb	Zn	Ag	As	Ba-ICP	Cd	Co	Ni	Fe	Mo	Cr	Bi	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Tl	Al	Ca	Na	K	Au	WIAu	Be-XRF	
S9520296	217250	425360	6826298		SOIL	92	20	737	0.6	319	9	9	99	2.63	15	51	5	2	34	8	1	29	17	19	201	0.65	0.01	0.92	0.48	0.01	0.08	16	10	3944		
S9520296	217251	425362	6826208		SOIL	22	10	101	0.2	13	240	1	10	25	2.03	3	16	2	2	10	1	1	47	7	13	281	0.22	0.01	0.77	0.63	0.04	0.06	5	10	4024	
S9520297	217252	425364	6826100		SOIL	22	10	141	0.2	28	277	1	7	28	1.6	2	14	2	2	10	1	1	41	6	15	316	0.23	0.01	0.69	0.83	0.01	0.1	5	10	3169	
S9520298	217254	425369	6825899		SOIL	12	11	55	0.2	6	586	1	6	29	2.32	4	44	2	2	50	3	1	20	5	11	250	0.57	0.05	1.12	0.13	0.01	0.09	5	10	1829	
S9520300	217255	425371	6825872		SOIL	33	11	380	0.2	13	732	3	12	53	2.05	7	37	2	2	28	8	1	44	13	11	1353	0.54	0.01	1.18	0.72	0.01	0.05	5	10	2709	
S9520302	217257	425374	6825701		SOIL	31	13	80	0.2	15	213	1	11	51	2.4	3	53	2	2	41	13	1	10	5	13	455	0.75	0.07	1.43	0.16	0.01	0.06	5	10	2070	
S9520304	217259	425384	6825502		SOIL	33	13	83	0.2	1	642	1	14	50	2.82	4	44	2	2	58	10	1	9	5	15	487	0.74	0.1	1.54	0.17	0.01	0.07	10	10	2305	
S9520305	217260	425385	6825404		SOIL	22	9	60	0.2	6	174	1	10	38	1.95	1	42	2	2	53	8	1	23	12	18	684	1.01	0.07	1.71	0.51	0.01	0.07	5	10	3199	
S9520306	217261	425377	6825310		SOIL	32	10	69	0.2	13	258	1	10	39	2.37	5	47	2	2	41	1	1	21	8	21	487	0.65	0.05	1.07	0.3	0.01	0.06	10	10	2171	
S9520307	217262	425392	6825210		SOIL	10	9	41	0.2	2	365	1	1	8	0.53	5	14	2	2	19	1	1	34	4	16	56	0.11	0.01	0.68	0.28	0.01	0.06	5	10	2987	
S9520308	217263	425388	6825107		SOIL	29	13	57	0.2	8	159	1	8	22	2.17	5	36	2	2	45	9	1	7	4	10	584	0.34	0.04	1.29	0.1	0.03	0.08	5	10	1876	
S9520310	217265	425394	6824915		SOIL	17	11	64	0.2	2	137	1	10	34	2.85	2	44	2	2	58	10	1	9	5	15	487	0.74	0.05	1.24	0.34	0.01	0.07	10	10	2211	
S9520311	217266	425397	6824799		SOIL	24	15	55	0.5	4	138	1	10	24	2.99	3	41	2	2	50	7	1	7	4	8	344	0.64	0.09	1.63	0.12	0.01	0.05	5	10	1553	
S9520312	217267	425397	6824716		SOIL	15	11	57	0.2	20	215	1	6	15	2.05	5	33	2	2	36	8	1	37	5	9	291	0.52	0.03	1.17	0.36	0.01	0.04	5	10	1558	
S9520314	217269	42233	6824710		SOIL	37	5	25	0.2	1	459	1	4	40	0.64	1	10	2	2	7	1	1	129	6	5	1037	0.32	0.01	0.53	0.37	0.03	0.02	5	10	1994	
S9520315	217270	422381	6824434		SOIL	66	16	84	0.2	50	335	1	15	66	3.38	6	47	5	2	42	3	1	18	7	16	400	0.44	0.01	1.64	0.18	0.01	0.06	5	10	2452	
S9520317	217271	422374	6824344		SOIL	45	16	97	0.2	24	262	1	11	49	2.24	4	33	2	2	30	6	1	34	10	16	357	0.46	0.01	1.06	0.54	0.01	0.07	5	10	2216	
S9520318	217273	422384	6824132		SOIL	135	2	19	0.2	1	220	1	3	31	0.43	2	21	2	2	5	3	1	27	6	6	615	2.85	0.11	2.76	0.71	0.01	0.04	5	10	2445	
S9520319	217274	422371	6824033		SOIL	396	6	24	0.8	21	423	1	12	56	1.55	3	35	2	2	28	1	1	100	10	6	493	0.25	0.01	0.97	4.13	0.01	0.01	5	10	897	
S9520321	217275	422372	6823837		SOIL	56	6	58	0.2	16	210	1	24	102	3.34	5	42	2	2	22	18	7	1	135	1	1	31	0.05	0.01	0.19	4.59	0.03	0.01	5	10	212
S9520323	217277	422374	6823731		SOIL	83	19	98	0.2	65	98	1	21	61	4.38	8	22	2	2	22	5	1	35	11	7	627	0.39	0.01	0.74	0.96	0.01	0.03	5	10	2787	
S9520324	217279	422382	6823670		SOIL	31	8	72	0.2	60	44	1	13	32	3.08	5	18	2	6	18	5	1	29	7	10	388	0.34	0.01	0.57	0.79	0.01	0.01	5	10	1832	
S9520325	217280	422379	6823536		SOIL	27	7	54	0.2	40	61	1	8	21	1.79	4	13	2	2	12	1	1	47	4	4	405	0.3	0.01	0.57	1.57	0.02	0.01	5	10	1294	
S9520327	217282	422386	6823344		SOIL	34	9	77	0.2	19	103	1	11	27	2.93	7	17	2	2	12	10	1	46	7	7	727	0.38	0.01	0.87	1.68	0.02	0.02	5	10	973	
S9520329	217283	422385	6823253		SOIL	38	9	61	0.2	41	166	1	14	40	3.99	5	61	2	2	20	80	17	1	10	5	21	361	0.95	0.01	2.17	1.15	0.01	0.03	5	10	1230
S9520330	217285	422382	6823037		SOIL	103	10	71	0.2	89	428	1	30	73	5.56	2	74	2	2	150	13	1	16	5	12	508	1.64	0.02	3.21	0.22	0.01	0.09	5	10	1088	
S9520331	217286	422385	6822933		SOIL	58	14	56	0.2	273	174	1	19	47	4.08	5	48	2	2	20	60	5	1	31	10	18	642	0.88	0.01	1.55	0.7	0.01	0.03	5	10	1351
S9520333	217288	422383	6822735		SOIL	51	7	62	0.2	78	107	1	8	31	1.47	1	27	2	2	29	7	1	82	6	6	91	0.59	0.01	1.12	1.89	0.01	0.03	5	10	1002	
S9520334	217289	422385	6822636		SOIL	30	4	41	0.2	120	285	1	14	37	3.59	5	42	2	2	29	10	1	60	6	8	355	0.83	0.01	2.16	0.07	0.01	0.06	5	10	1591	
S9520335	217290	422387	6822537		SOIL	27	2	40	0.2	45	85	1	13	50	3.2	4	46	2	2	29	3	1	10	4	20	208	0.94	0.01	1.57	0.2	0.01	0.07	5	10	1606	
S9520336	217291	422424	6822426		SOIL	54	12	60	0.2	70	224	1	16	60	3.46	6	51	2	2	41	6	1	45	1	11	560	0.74	0.01	1.38	0.98	0.01	0.06	5	10	2098	
S9520338	217292	422401	6822338		SOIL	19	2	37	0.2	2	142	1	3	13	0.52	4	9	2	2	9	3	1	76	3	5	240	0.14	0.01	0.49	2.51	0.02	0.05	5	10	466	
S9520339	217293	422398	6822130		SOIL	58	10	63	0.2	32	164	1	17	40	3.24	7	37	2	2	68	5	1	43	10	12	994	0.66	0.01	1.34	1.59	0.01	0.07	5	10	1434	
S9520340	217295	422400	6822030		SOIL	47	12	92	0.2	8	216	1	14	62	3.09	2	54	2	2	30	9	1	161	1	1	161	0.1	0.01	0.6	2.46	0.00	0.01	5	10	871	
S9520342	217296	422404	6821844		SOIL	40	9	75	0.2	15	256	1	14	58	2.74	2	48	2	2	27	7	1	45	7	12	1146	0.76	0.01	1.25	1.39	0.01	0.04	5	10	2264	
S9520343	217298	422401	6821640		SOIL	11	2	23	0.2	1	285	1	12	0.11	1	2	2	2	2	2	1	1	137	1	1	132	0.49	0.01	0.16	4.05	0.05	0.02	5	8	1415	
S9520352	217307	422421	6820690		SOIL	12	6	69	0.2	11	76	1	8	30	1.7	4	28	2	2	28	3	1	21	7	8	4250	0.49	0.01	0.75	2.51	0.03	0.02	5	10	866	
S9520353	217308	422432	6820587		SOIL	32	11	131	0.2	16	127	1	10	48	1.96	5	39	2	2	32	6	1	31	10	14	433	0.54	0.01	0.89	0.93	0.01	0.04</td				

APPENDIX III  
HORIZONTAL LOOP EM INTERPRETATION LEGEND



**APPENDIX IV**  
**DIAMOND DRILL HOLE LOGS**  
**CORE GEOCHEMISTRY**

Date: 12 Feb, 1997

COMINCO LTD.

Page: 1 of 2

Northing: 9960  
 Easting: 800  
 Elevation: 1470

## DRILL HOLE RECORD

Drill Hole: K96-171

Collar Azi.: 180  
 Collar Dip: -70

Company: COMINCO LTD  
 Easting: 410800 E  
 Northing: 6809960 N  
 Drilled by: LF-70 DRILL RIG  
 Date Started: JUNE 14  
 Completed: JUNE 16  
 Logged by: HCS  
 Core Size: NQ  
 Contractor: DJ DRILLING

Hole Length: 99.2  
 Claim: TAG 155 L  
 Property Name: KZK  
 NTS: 105G-7  
 Purpose: TEST A 2 MHZ HLEM CONDUCTOR WITH COINCIDENT MAG

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	Lng (m)	CJ PPM	ZN PPM
.0	9.1	OVB	OVERBURDEN					
9.1	9.7	MT	MAFIC TUFF  Medium green, homogeneous, fine grained chlorite, biotite, calcite schist. Chlorite is main mineral; biotite is present as fine flakes, notably towards base. Pyrrhotite <1% present locally as very fine grains in phyllosilicates groundmass. Calcite has a bluish tint. S2 to core axis at 85 degrees. Limonite on wide spaced fractures at 30 degrees to core axis.					
9.7	12.0	CSAM	CHERTY MUDSTONES WITH INTERBEDDED MAFIC ASH TUFFS  Thin millimeter to centimeter scale varve like light and dark grey cherty mudstones with minor thin, centimeter scale, mafic tuff interbeds. Biotite commonly occurs as small 1 to 2 mm flakes disseminated in darker mudstone interbeds. Pyrrhotite, trace to 3%, occurs locally as thin millimeter wide streaks parallel to S2. S2 to core axis at 85 degrees.					
12.0	22.2	MTMF	MAFIC TUFF/MAFIC FLOW  Medium green chlorite schist with 25 to 40% white calcite swirls and thin bands. Locally exhibits a mottled fabric. S2 prominent at 80 degrees to core axis. Biotite also present as flakes and local biotite rich laminae.  19.5 20.2 Biotite plus calcite rich interval with lesser chlorite. Light and dark grey with black banded appearance. Pyrrhotite, trace to 3%, occurs locally as streak and clots commonly along microfractures at low angles to core axis.	R13008 R13009 R13025	13.5 16.4 20.7	.1 .1 1.5	17 11 53	43 37 73
22.2	23.9	CSAM	CHERTY MUDSTONES WITH INTERBEDDED MAFIC ASH TUFFS  Thin millimeter to centimeter scale varve like light and dark grey cherty mudstones with minor thin, centimeter scale, mafic tuff interbeds. Biotite commonly occurs as small 1 to 2 mm flakes disseminated in darker mudstone. Trace chalcopyrite as rare flecks with thin pyrrhotite streaks at 22.4 parallel to S2. Pyrrhotite also present along low angle crosscutting fractures. Not uncommon to have biotite concentrated preferentially at margins of pyrrhotite streaks.	R13026 R13027	22.2 23.7	1.5 1.5	27 94	67 87
23.9	24.9	MT	MAFIC TUFF  Light to medium green homogeneous chlorite schist unit similar to first unit in drill hole. Sharp upper and lower contacts.					
24.9	27.4	CSAM	CHERTY MUDSTONES WITH INTERBEDDED MAFIC ASH TUFFS  As in 22.2-23.9. No chalcopyrite observed. Pyrrhotite and lesser Pyrite present as local thin wispy laminae in cherty mudstones.					
27.4	28.8	MT	MAFIC TUFF  Light to medium green in hue. Biotite as disseminated flakes and also concentrated in thin laminae. S2 to core axis at 80 degrees.					
28.8	30.2	CSAM	CHERTY MUDSTONES WITH INTERBEDDED MAFIC ASH TUFFS  Mafic tuff interbeds to several centimeters thick. Increasing tuff component downhole. S2 to core axis at 85 degrees.					

From (m)	To (m)	Rock Type	Geology	Sample	From (m)	Lng (m)	CU PPM	ZN PPM
30.2	31.2	MT	MAFIC TUFF Light to medium green chlorite+calcite schist.					
31.2	34.1	MTSA	MAFIC TUFFS WITH INTERBEDDED CHERTY MUDSTONES Roughly 50/50 mafic tuff/cherthy mudstone component with mafic tuff beds to 40 cm thick. 31.2 31.4 - 10 cm interval of fragmented rock with clayey matrix.					
34.1	79.8	MT	MAFIC TUFF Light to medium green chlorite schist with very minor interbedded mudstone. Variable amounts of biotite present., usually fine disseminated with trace amounts rich bands to several millimeters thick. 34.1 35.4 M-fold. 50.2 50.4 S-fold; trace chalcopyrite with pyrrhotite bleb in chloritic schists. 51.7 52.1 S-fold. 61.5 61.7 S-fold. 71.0 71.2 - broken crushed mudstone, thin calcite veinlet present.	R13010	42.4	.1	149	108
				R13011	48.5	.1	64	48
				R13012	54.6	.1	4	69
				R13013	75.6	.1	125	71
				R13029	78.3	1.5	30	124
79.8	85.3	CSAM	CHERTY MUDSTONES WITH INTERBEDDED MAFIC ASH TUFFS Alternating light and dark grey cherty mudstones as in previous intervals. Thin mafic schist interbands and laminae form minor component with even lesser 1 mm to 1 cm wide light green muscovitic schists/felsic ash tuffs. Fine biotite commonly present in association with fine disseminated pyrrhotite. Isoclinal folding evident on centimeter scale. S2 to core axis at 75 degrees. 84.3 85.3 - Broad open fold. Compositional layering running subparallel to core axis. Pyrrhotite laminae to 1 mm wide spaced about 1 cm apart are present within the dark grey cherty mudstone beds. Pyrrhotite also occurs as very fine disseminated grains (5 to 8 %) with fine biotite within light green felsic ash interbeds. The character of the unit is not unlike that in similar lithologies and pyrrhotitic intervals higher in the hole. The pyrrhotite laminae are conductive and magnetic.	R13030	79.8	1.5	102	94
				R13031	81.3	1.5	174	75
				R13032	82.8	1.5	150	87
				R13033	84.3	1.0	206	86
85.3	92.7	MTMF	MAFIC TUFF/MAFIC FLOW Unit identical to 22.2 - 23.9 m interval. S2 at 60 degrees to core axis. Isoclinal folds evident.	R13034	85.3	1.5	117	142
				R13014	88.1	.1	21	176
92.7	96.3	CSA	CHERTY MUDSTONES As in cherty mudstone intervals above. Darker grey mudstone intervals to 20 cm present. Pyrrhotite and pyrite (trace to 2%) present as local wispy laminae parallel to S2 Pyrite also present locally in 3 mm wide aggregates. 94.4 95.3 - Broken fragmented/fractured zone with minor gouge. Thin iron-carbonate veins and calcite present.					
96.3	99.2	MT	MAFIC TUFF Medium green, homogeneous, fine grained chlorite, biotite, calcite schist Chlorite is main mineral; biotite is present as fine flakes, notably towards base. Very similar to 9.1 - 9.7m interval. EOH.					

LAB NO	FIELD NUMBER	Cu	Pb	Zn	Ag	As	Ba	Cd	Co	Ni	Fe	Mo	Cr	Si	Sb	V	Sn	W	Sr	Y	La	Mn	Mg	Ti	Al	Ca	Na	K
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	t	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	t	t	t	t	t
R9613008	DH K96-171 13.5	.17	<4	.63	.9	<2	283	<1	.15	.71	2.08	3	.70	<5	.26	.34	3	.5	.35	2	.7	.209	1.03	.20	.99	1.78	.04	.37
R9613009	DH K96-171 16.4	.11	<4	.37	4.4	<2	65	<1	.10	.22	2.48	6	.57	<5	<5	.42	7	3	.19	2	4	.307	.97	.12	.93	2.34	.06	.09
R9613010	DH K96-171 42.4	.149	<4	108	1.0	<2	151	<1	.66	145	7.89	7	.59	<5	.44	11.6	7	.14	6	<2	.449	4.75	.22	3.69	.60	.03	1.84	
R9613011	DH K96-171 48.5	.64	<4	.48	.7	<2	261	<1	.39	.17	4.97	6	.18	<5	.67	.15	3	.13	4	<2	.454	1.87	.18	1.82	1.34	.05	.70	
R9613012	DH K96-171 54.6	.4	<4	.69	.7	23	2119	<1	.29	.48	4.32	6	.92	<5	.39	.74	7	5	7	<2	.330	2.63	.21	2.36	.58	.03	1.44	
R9613013	DH K96-171 75.6	.125	<4	.71	1.3	2	.85	<1	.50	.69	6.27	12	.50	<5	.9	.138	18	.14	.33	7	3	.555	2.94	.16	2.33	2.48	.04	.56
R9613014	DH K96-171 88.1	.21	<4	.176	.9	188	585	<1	.65	264	4.86	4	.300	<5	.34	.92	<2	4	.20	<2	4	.372	3.61	.30	2.67	1.22	.03	1.59
		..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

LAB NO	FIELD NUMBER	SiO2	TiO2	Al2O3	Fe2O3	FeO	MnO	MgO	CaO	Na2O	K2O	Fe2S	Ba	LOI	Total
		t	%	t	t	t	t	t	t	t	t	t	t	t	t
R9613008	DH K96-171 13.5	41.56	2.67	15.87	12.32	0.17	6.28	17.66	0.55	0.68	0.56	0.04	1.43		99.79
R9613009	DH K96-171 16.4	42.19	2.53	12.99	16.44	0.22	6.45	19.01	1.28	0.62	0.62	0.02	1.43		99.80
R9613010	DH K96-171 42.4	42.83	2.19	13.10	16.75	0.14	10.80	6.90	0.70	2.54	0.31	0.18	3.24		99.68
R9613011	DH K96-171 48.5	45.59	2.23	14.76	15.47	0.24	6.04	8.95	2.61	1.17	0.52	0.09	1.67		99.55
R9613012	DH K96-171 54.6	45.89	1.38	14.17	14.38	0.16	8.81	8.95	1.74	2.30	0.22	0.30	1.34		99.84
R9613013	DH K96-171 75.6	63.38	1.98	13.59	16.86	0.14	7.05	8.80	2.43	1.04	0.35	0.10	4.06		99.48
R9613014	DH K96-171 88.1	62.69	2.16	14.85	11.76	0.14	8.67	12.41	1.05	2.36	0.52	0.19	2.08		99.47

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised  
If requested analyses are not shown, results are to follow


## ANALYTICAL METHODS

FeO determined by acid digestion /volumetric. LOI determined gravimetrically

Other elements by Li borate fusion/XRF .Where no FeO value shown 'Fe2O3' is total Fe as Fe2O3

**APPENDIX V**  
**1996 STATEMENTS OF EXPENDITURES**

<u>EXPENDITURE ITEM</u>	<u>COST \$</u>	
KZK NORTH GRID:		
LINECUTTING	3,465	
GEOPHYSICS	3,090	
GP3L GRID:		
LINECUTTING	4,275	
GEOPHYSICS	4,138	
DIAMOND DRILLING		
K96-171	12,059	
GEOCHEMISTRY	1600 sample analyses/shipping staff costs	30,047 11,000
GEOLOGY	21,671	
PROSPECTING	10,625	
HELICOPTER	39,845	
DOMICILE	18,095	
<b>TOTAL</b>	<b>\$158,310</b>	



N.T.S. 105G-7 Nad 27

KUDZ ZE KAYAH

## GEOLOGY

GEOLOGY 093712

666.12

DATE: 16-04-97 PLATE NO: 3

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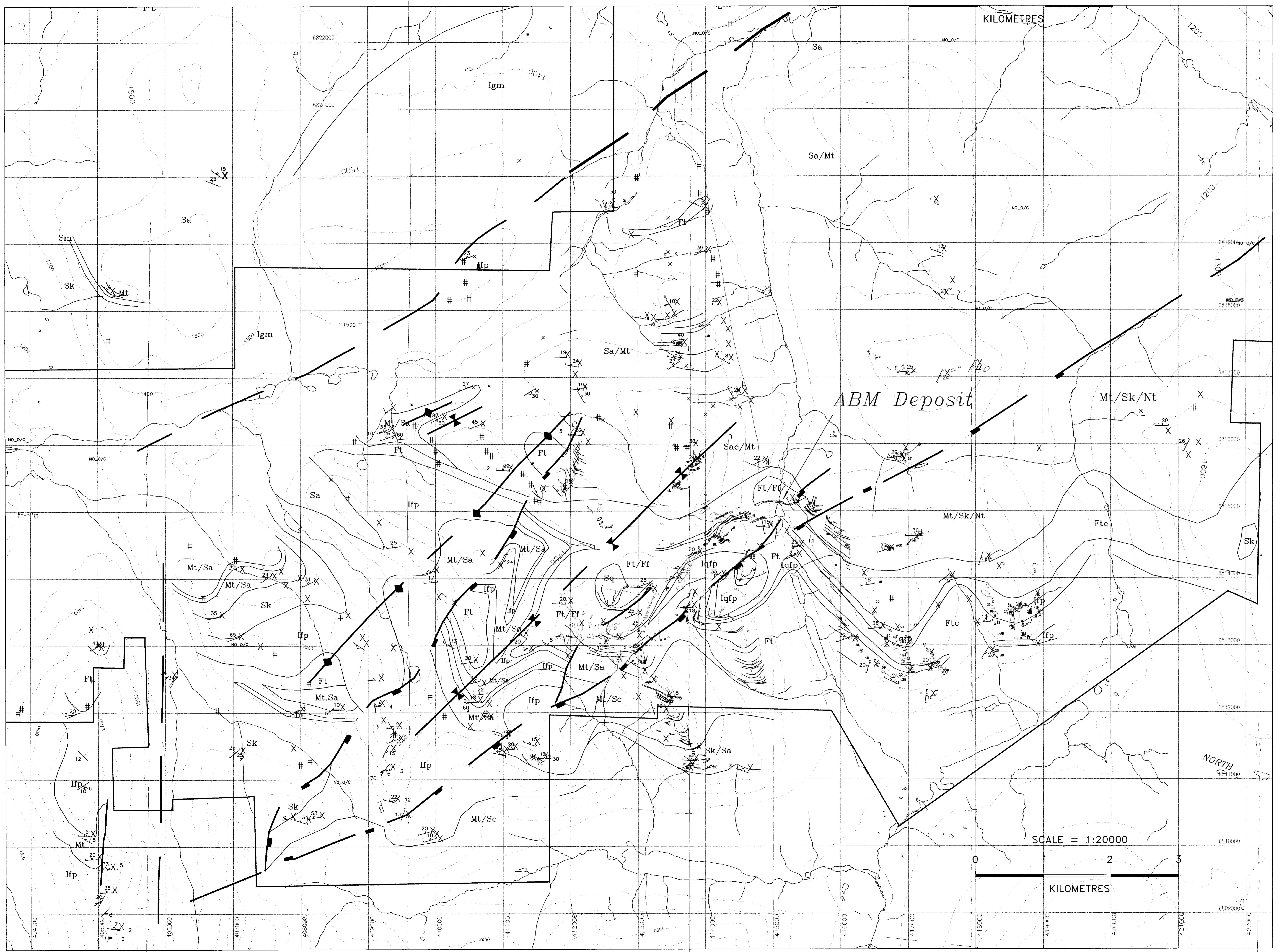
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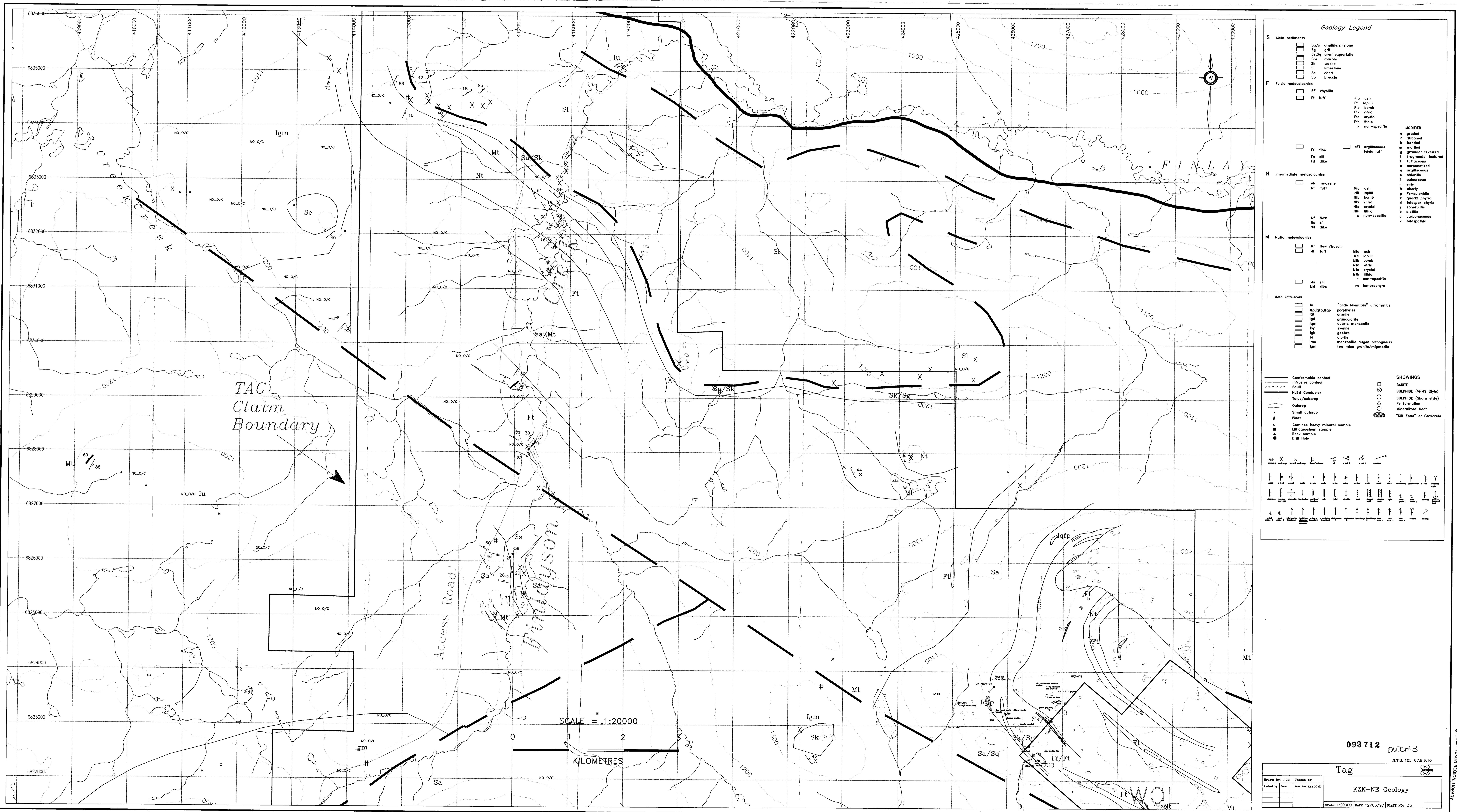
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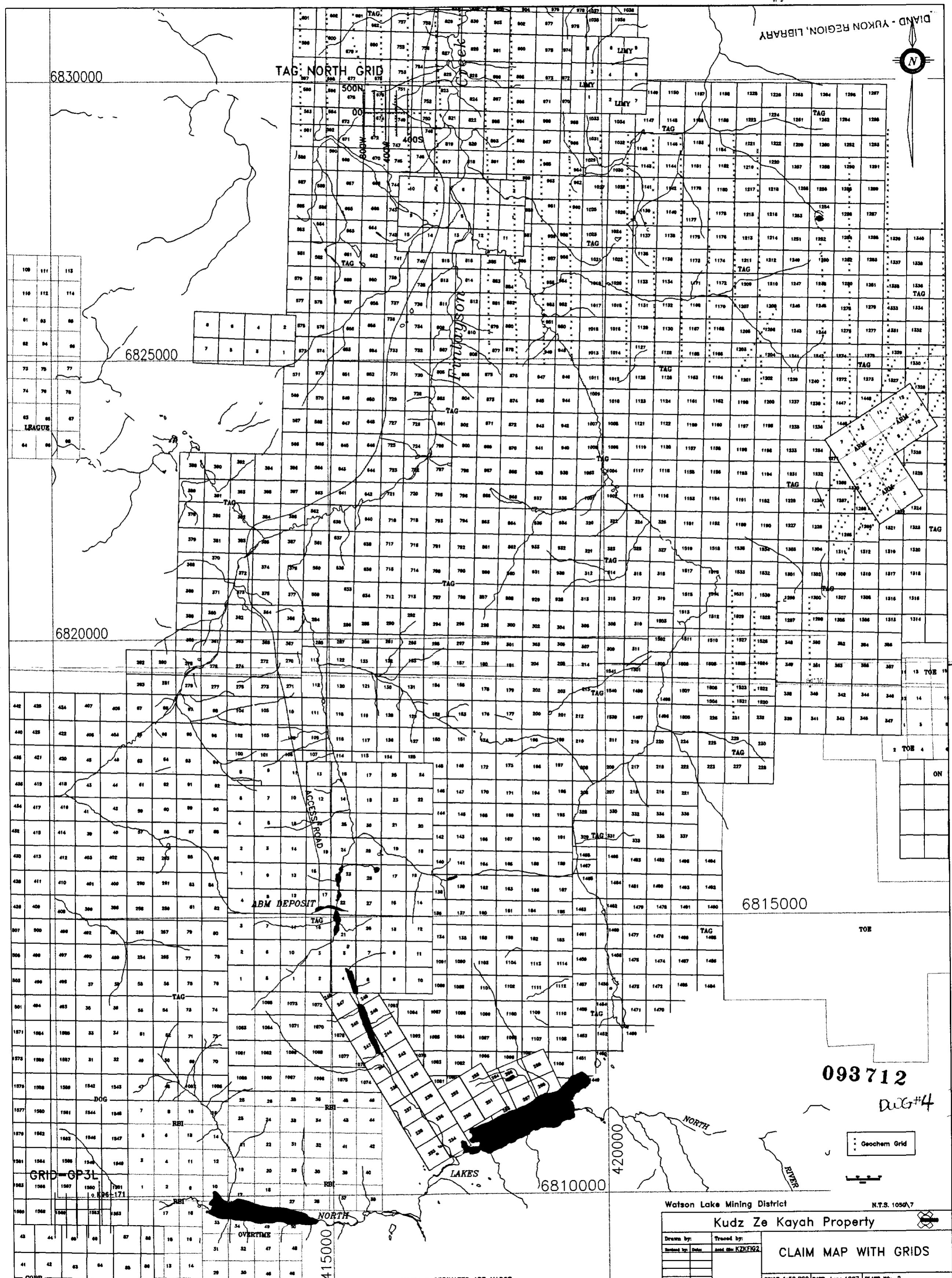
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
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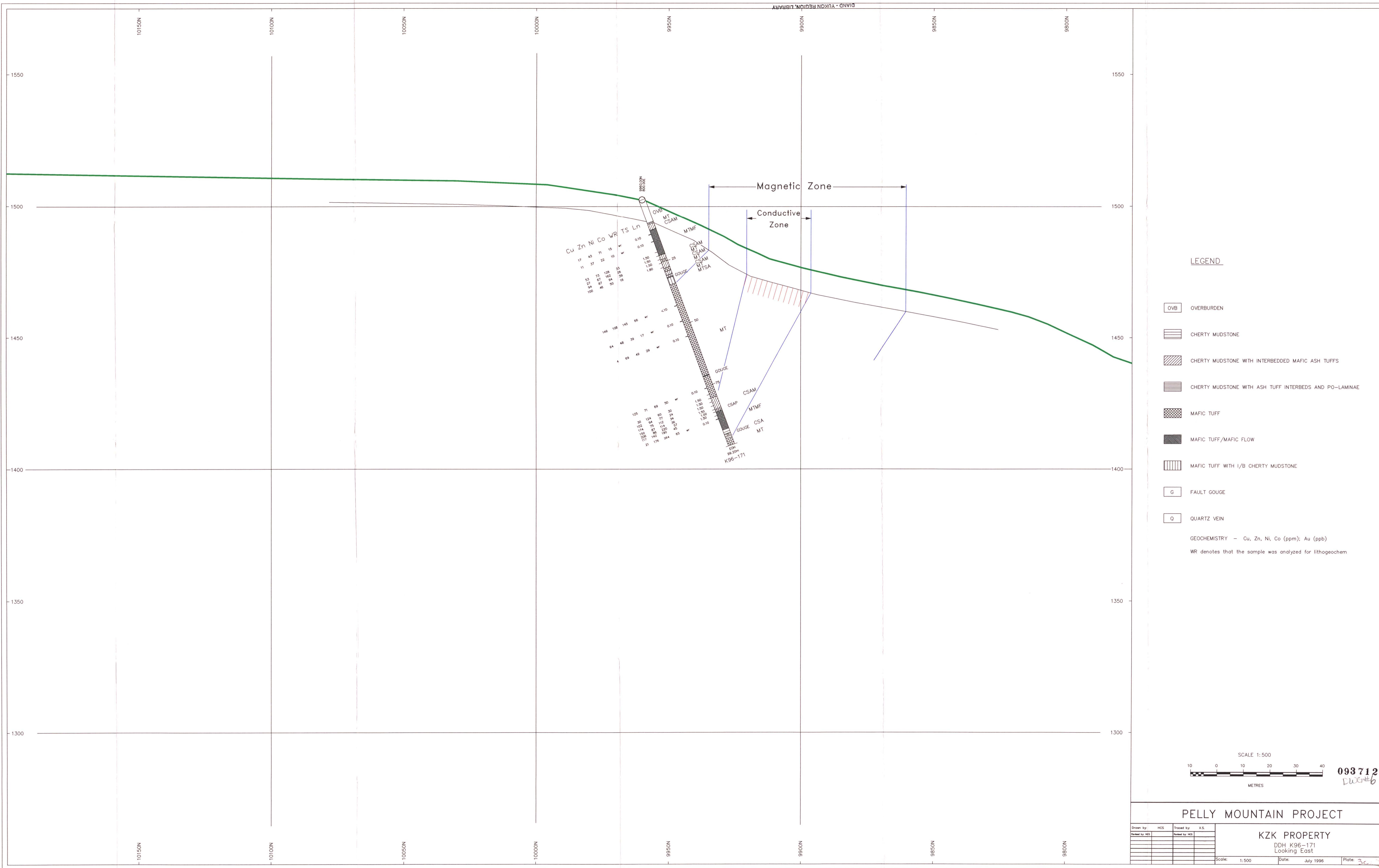
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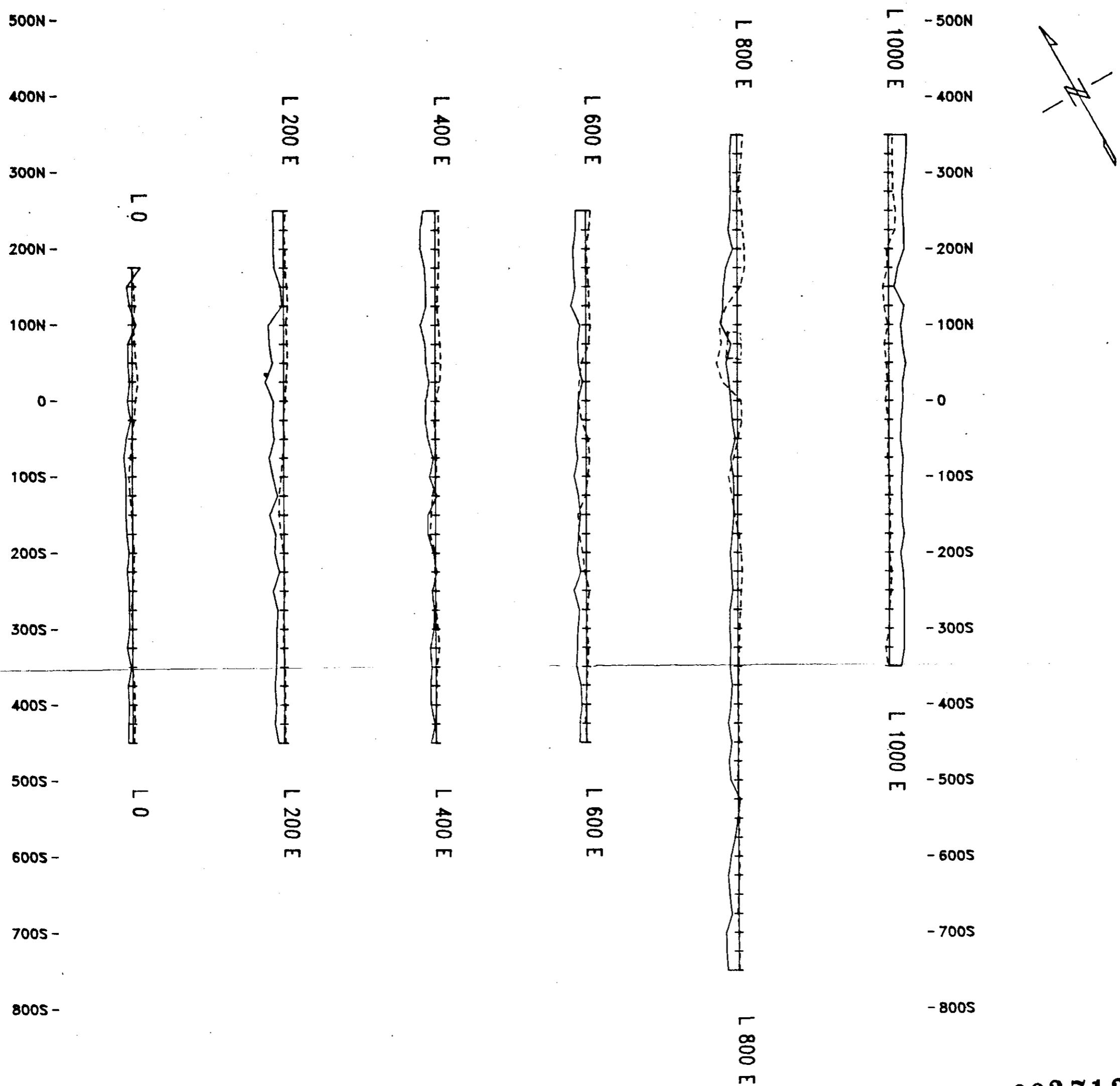








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7

Scale 1:5000  
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(metres)

 Cominco

NTS  
105G

NTS  
105G

# COMINCO EXPLORATION

PELLY MTN PROPERTIES  
GP3L GRID

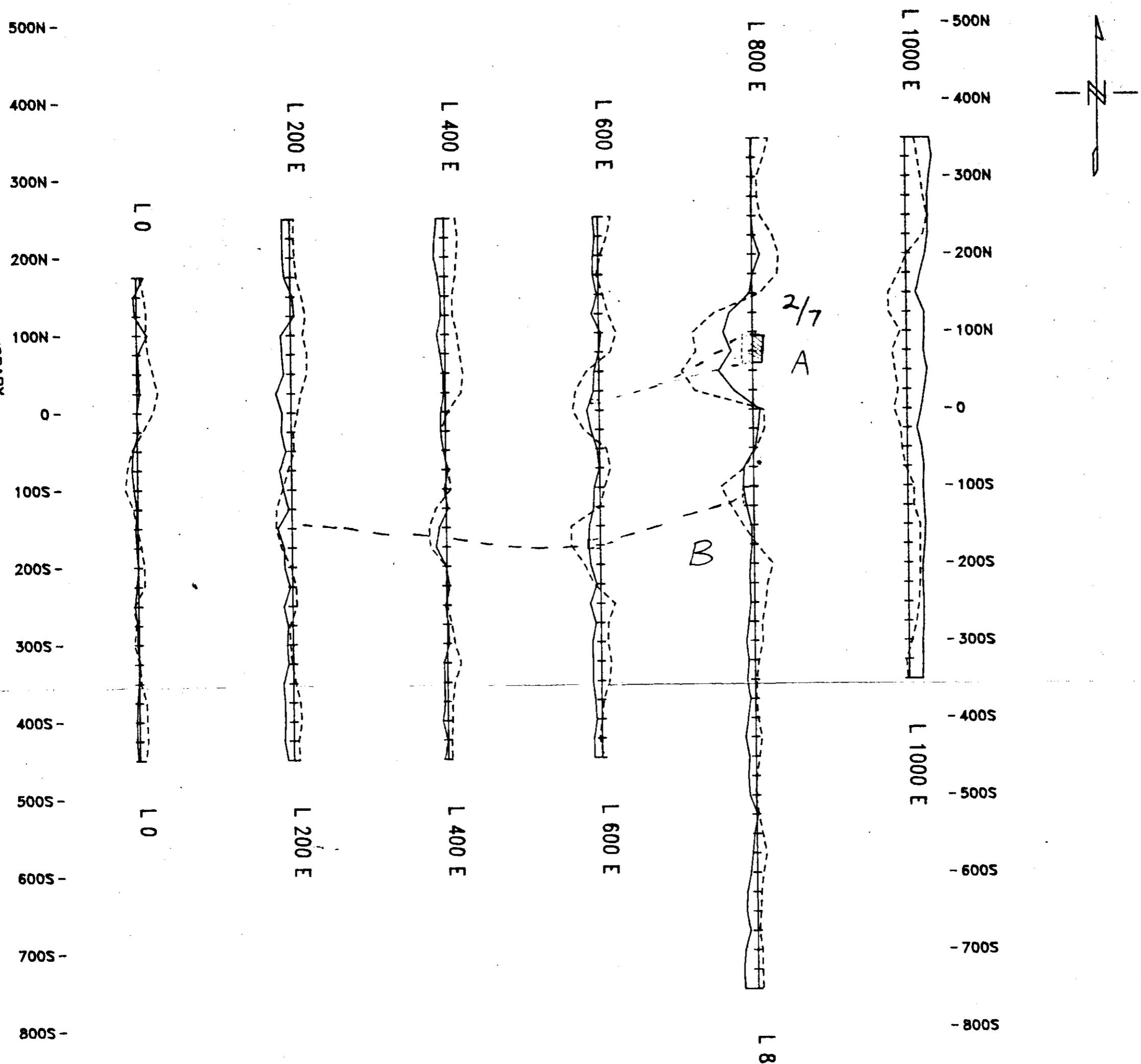
GPS GRID  
HLEM SURVEY:440 HZ, 100 M C. S.

Scale: as shown Date: JUN. 1996

0117-72500

**VERTICAL SCALE**  
1cm = 10 %

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093712  
⑧

Scale 1:5000  
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 (metres)

## COMINCO EXPLORATION



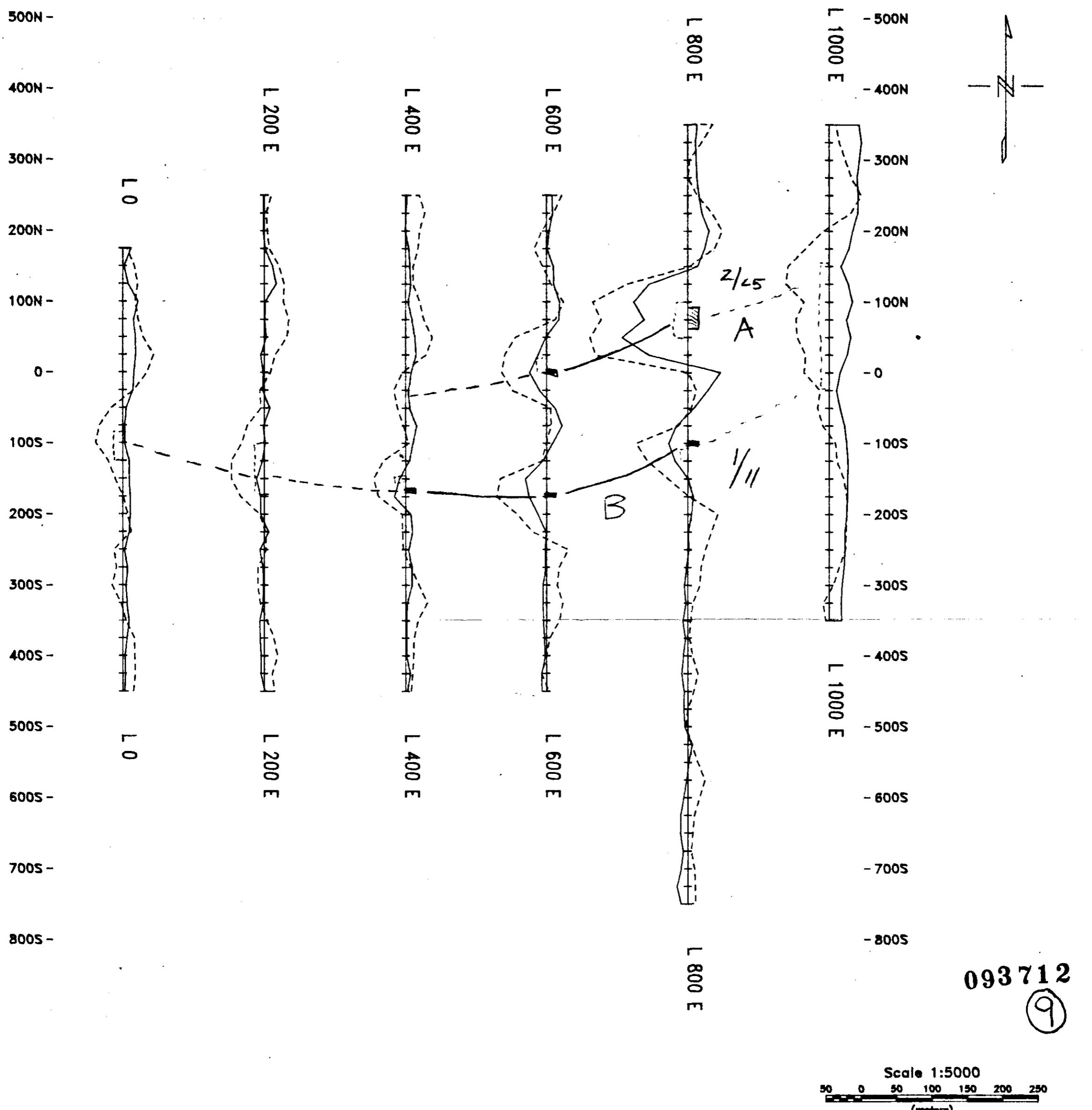
NTS  
1056

PELLY MTN PROPERTIES  
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HLEM SURVEY:1760 HZ, 100 M C. S.

Scale: as shown Date: JUN. 1996

Plate: 5 b

VERTICAL SCALE  
1cm = 10 %



**VERTICAL SCALE**  
1cm = 10 %

## COMINCO EXPLORATION



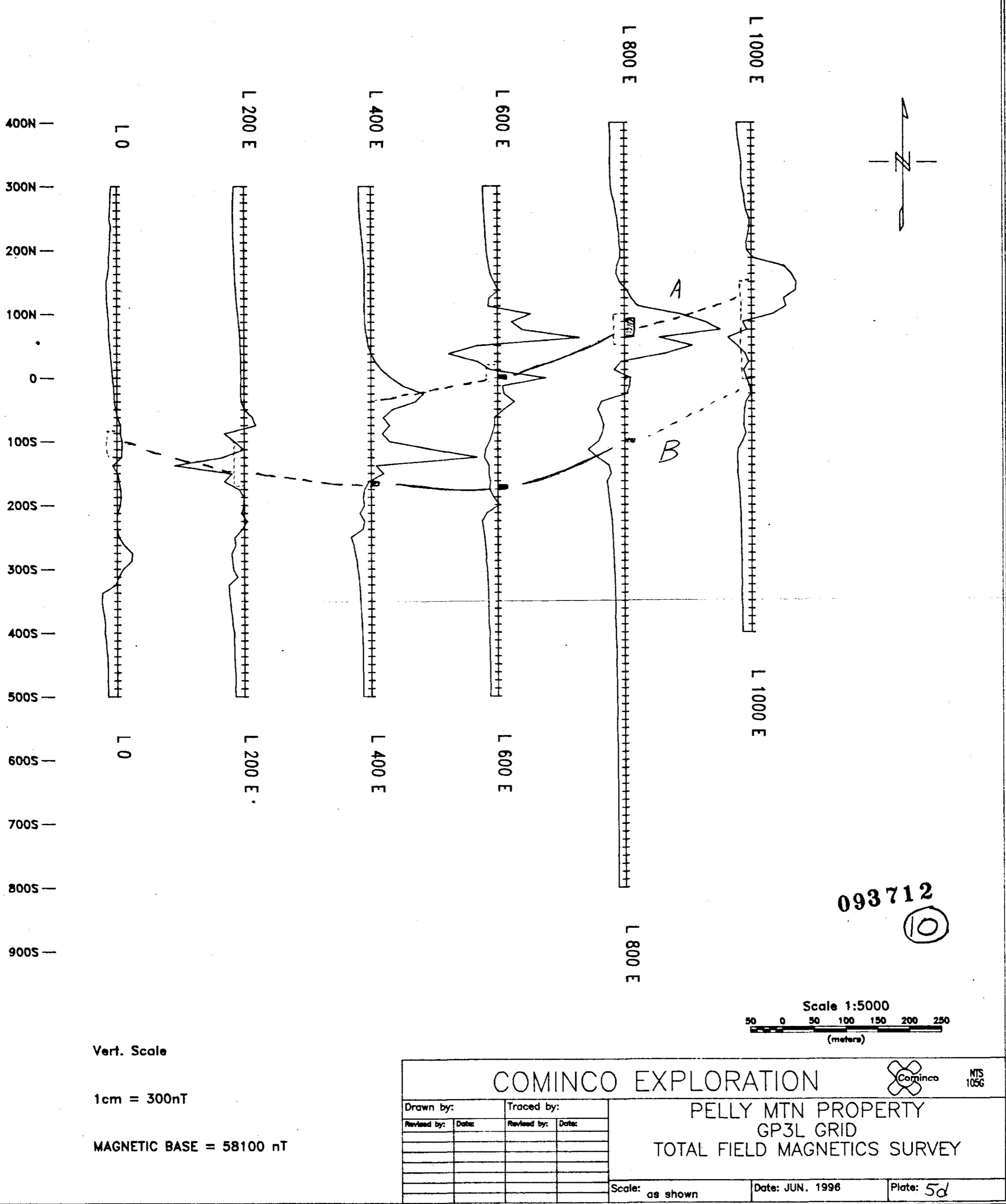
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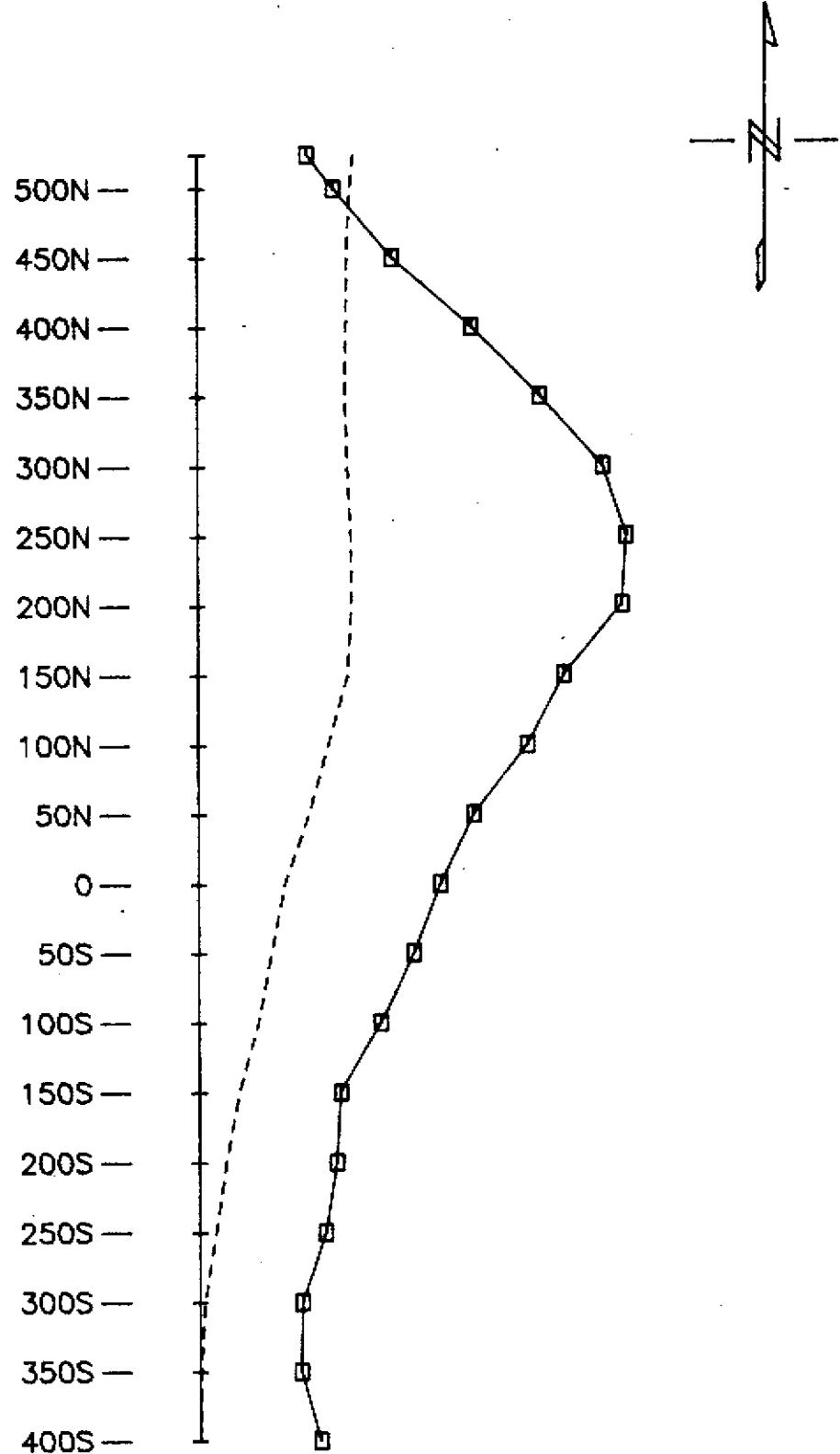
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GP3L GRID  
HLEM SURVEY:3520 HZ, 100 M C. S.

Scale: as shown Date: JUN. 1996 Plate: 5c

Date: JUN. 1996

Plate: 5c





VERTICAL SCALE:  
TOPOGRAPHY(DASH):1CM=50 METRES  
GRAVITY(SOLID):1cm=.5 MGALS

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Scale 1:5000  
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(meters)

## COMINCO EXPLORATION



NTS  
105c

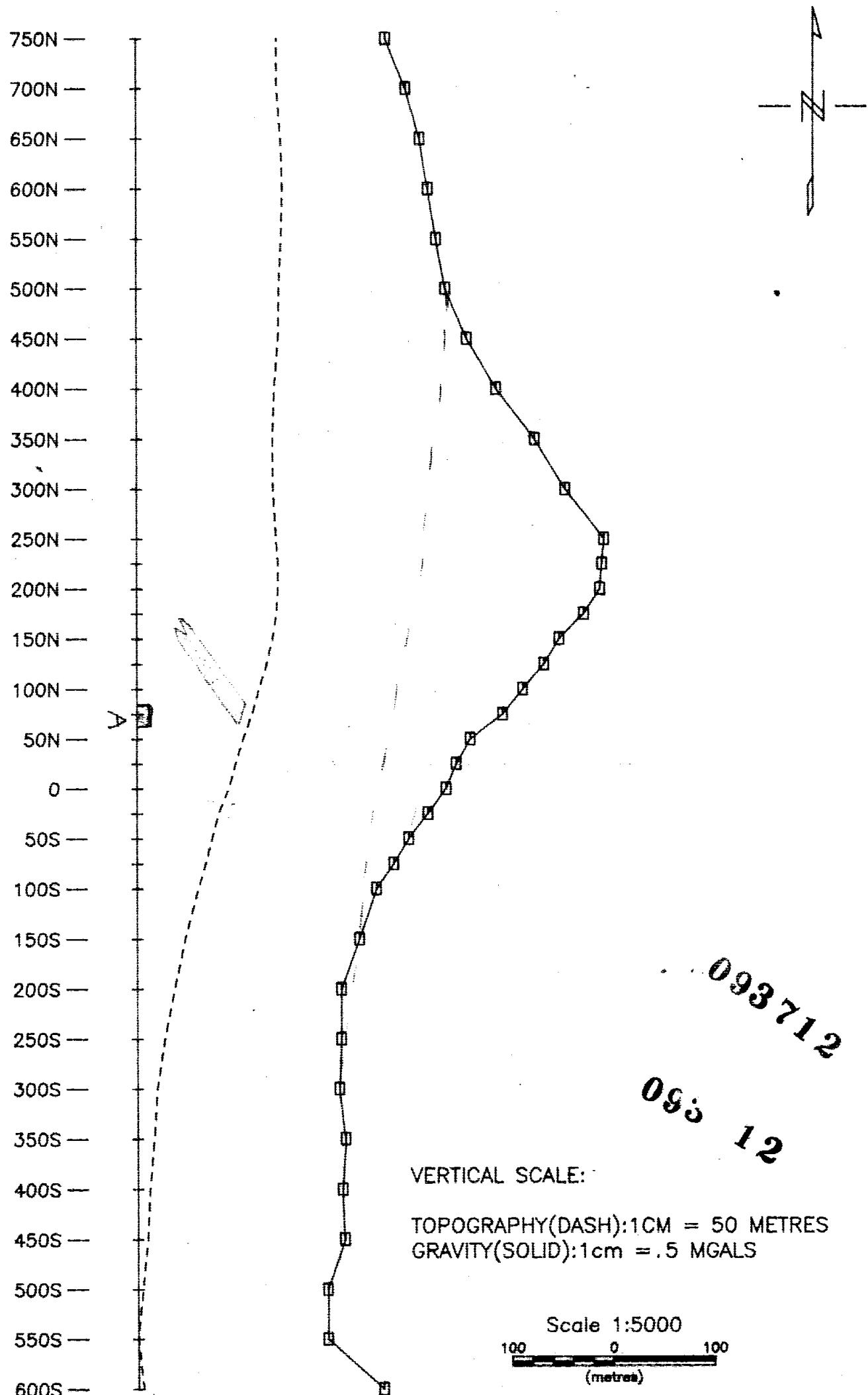
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BOUGUER GRAVITY SURVEY  
**DENSITY = 2.67 gm/cc**

Scale: as shown

Date: JULY, 1996

Plate: 5e

2015-722-62



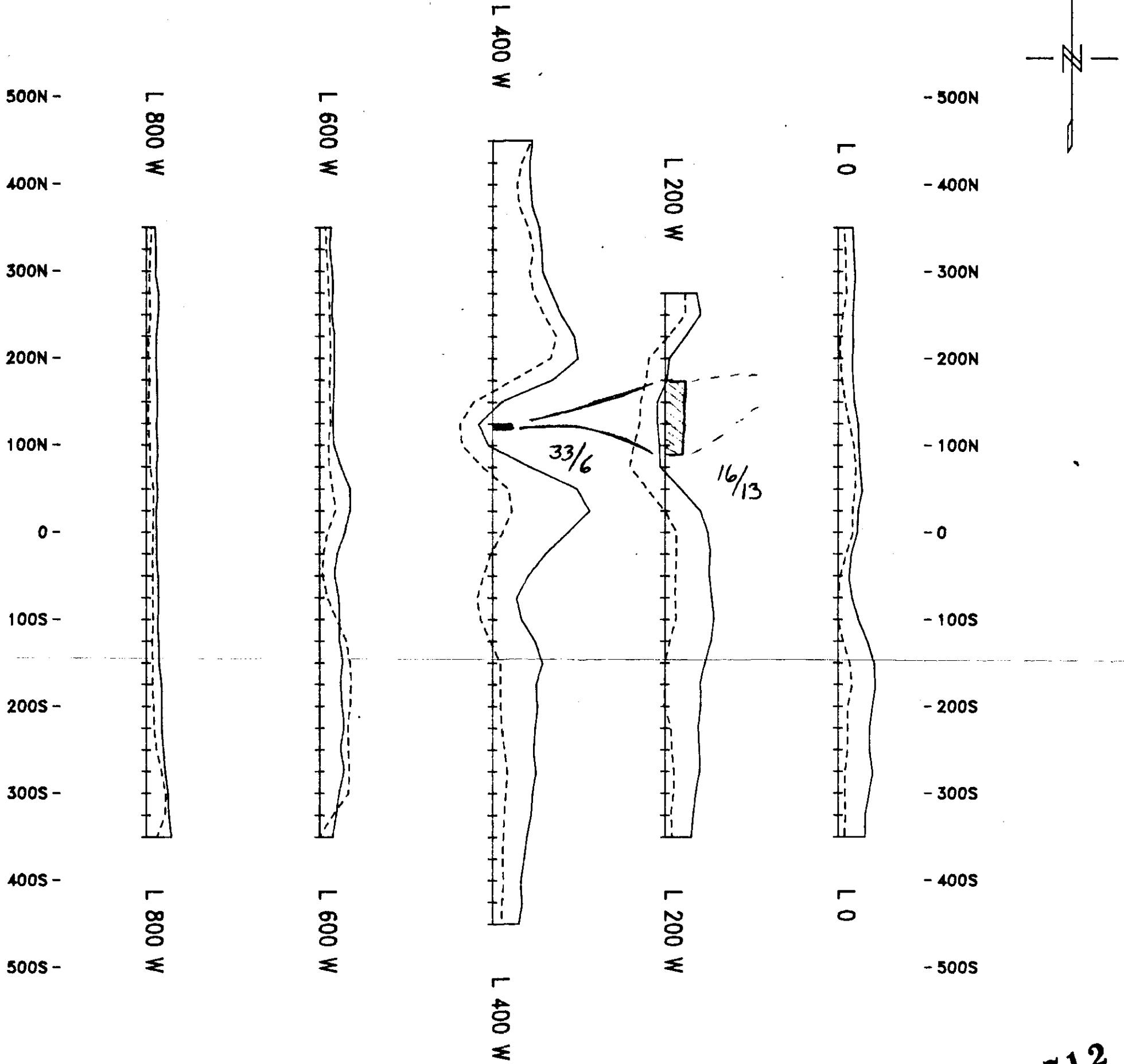
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Revised by:	Date:	Revised by:	Date:				
				Scale:	as shown	Date: JUN. 1996	Plate: 5f

COMINCO EXPLORATION

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11  
Scale 1:5000  
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(meters)

VERTICAL SCALE:  
1cm = 20%

OUT OF PHASE -----  
IN PHASE -----

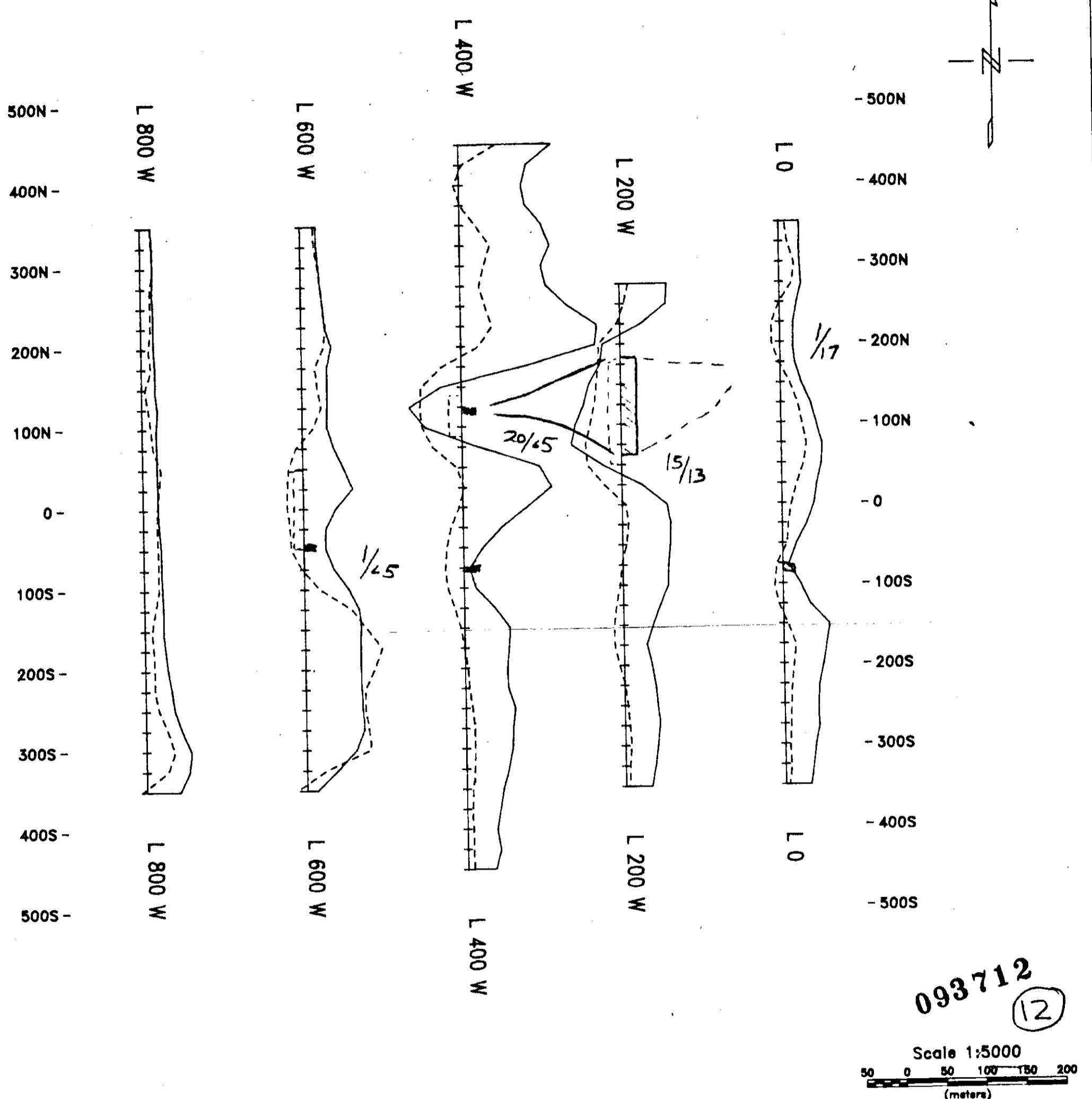
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				Scale: as shown	Date: AUGUST 1996
				Plate: 6a	

COMINCO EXPLORATION

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VERTICAL SCALE:  
1cm = 20%

**OUT OF PHASE** -----  
**IN PHASE** \_\_\_\_\_

COMINCO EXPLORATION



**NTS  
105G**

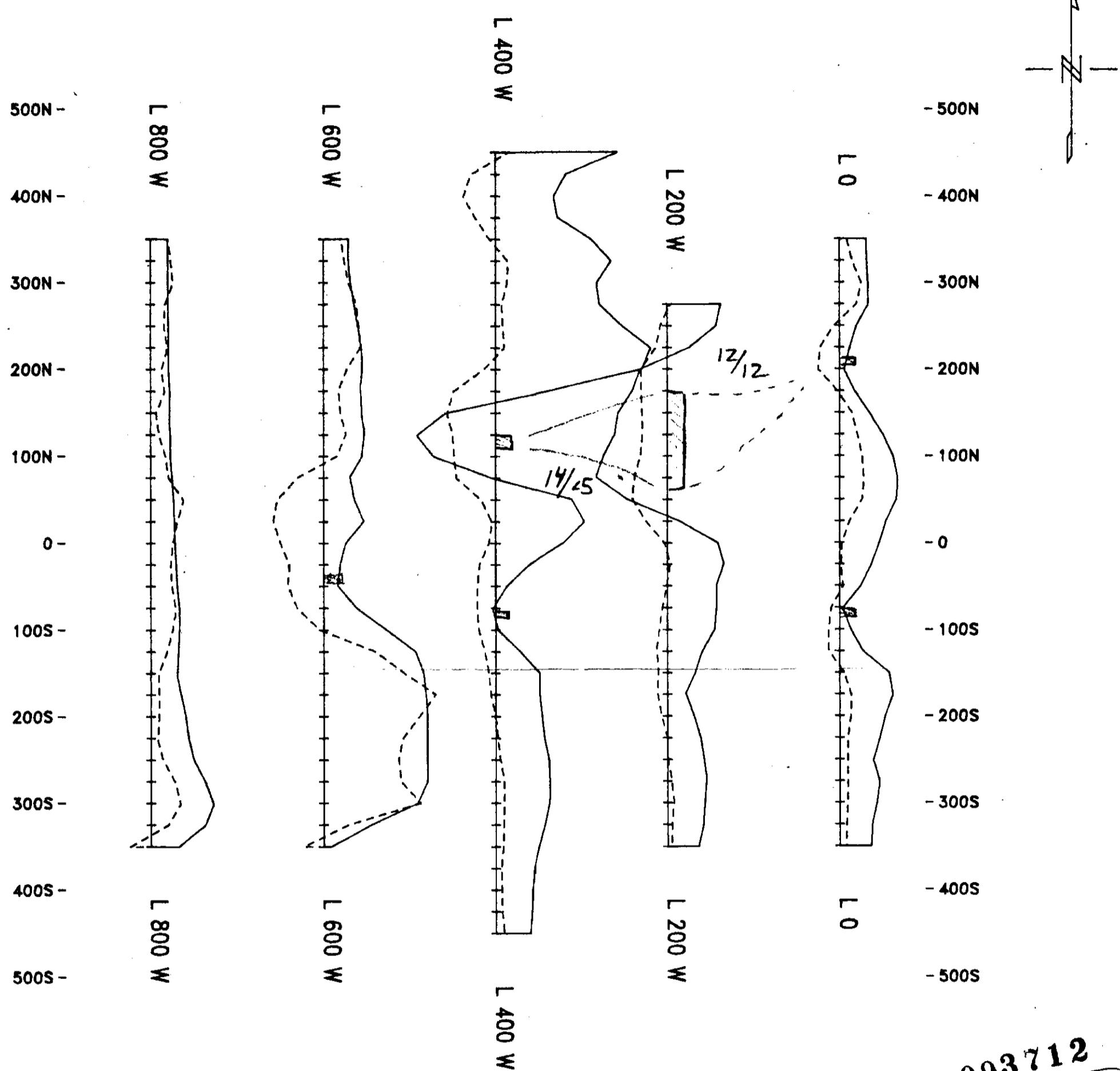
**PELLY MTN PROPERTIES  
TAGNORTH GRID**

TAGNORTH GRID  
HLEM SURVEY: 1760 HZ, 100 M C. S.

Scale: as shown

Date: AUGUST 1996

Plate: 6 b



093712

(13)

Scale 1:5000  
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(meters)

VERTICAL SCALE:  
1cm = 20%

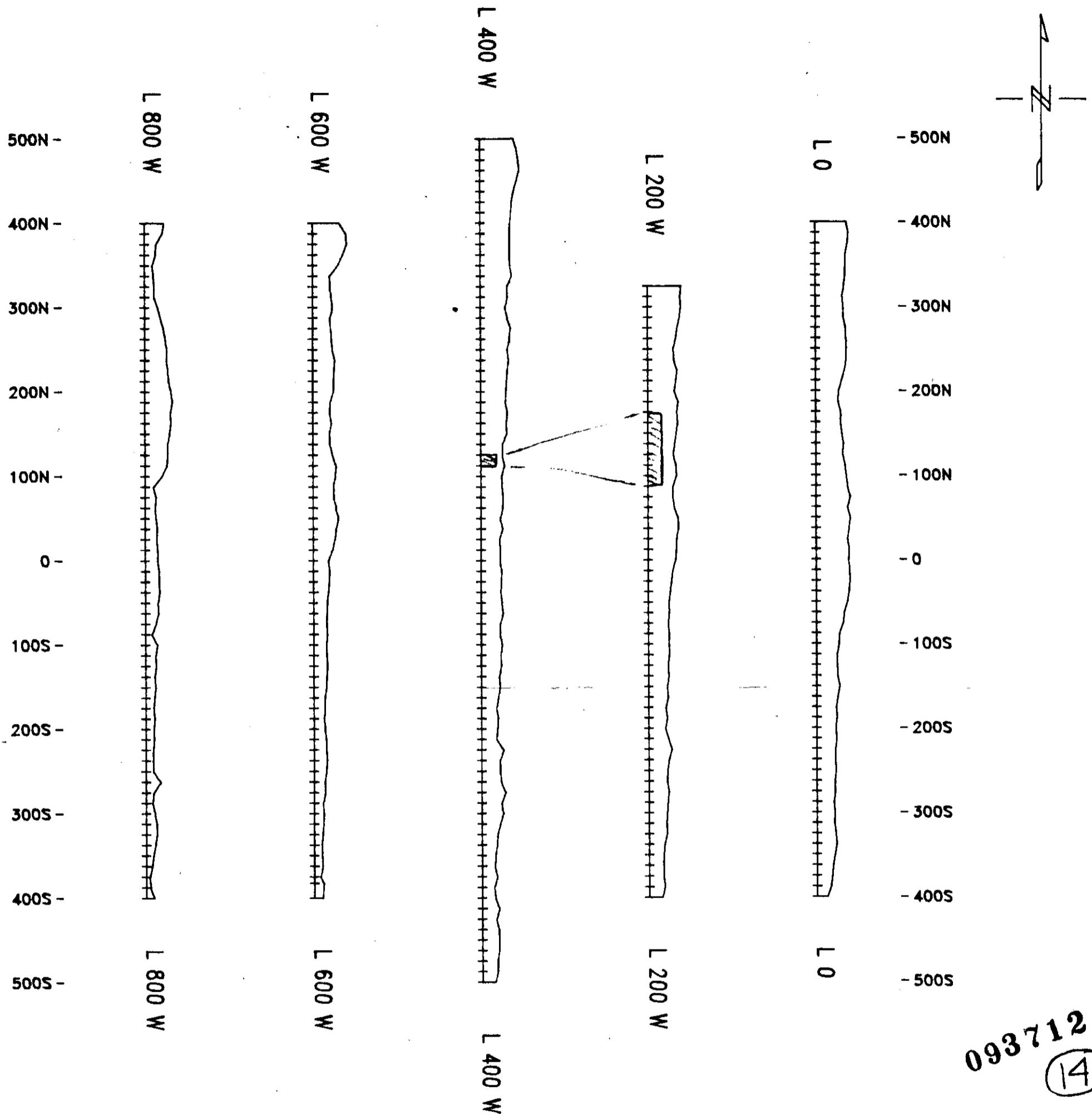
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IN PHASE -----

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Reviewed by:	Date:	Reviewed by:	Date:	TAGNORTH GRID		105G
				HLEM SURVEY: 3520 HZ, 100 M C. S.		
				Scale: as shown	Date: AUGUST 1996	Plate: 6c

COMINCO EXPLORATION

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MAGNETIC BASE = 58050 nT  
Vert. Scale  
1cm = 50nT

# COMINCO EXPLORATION

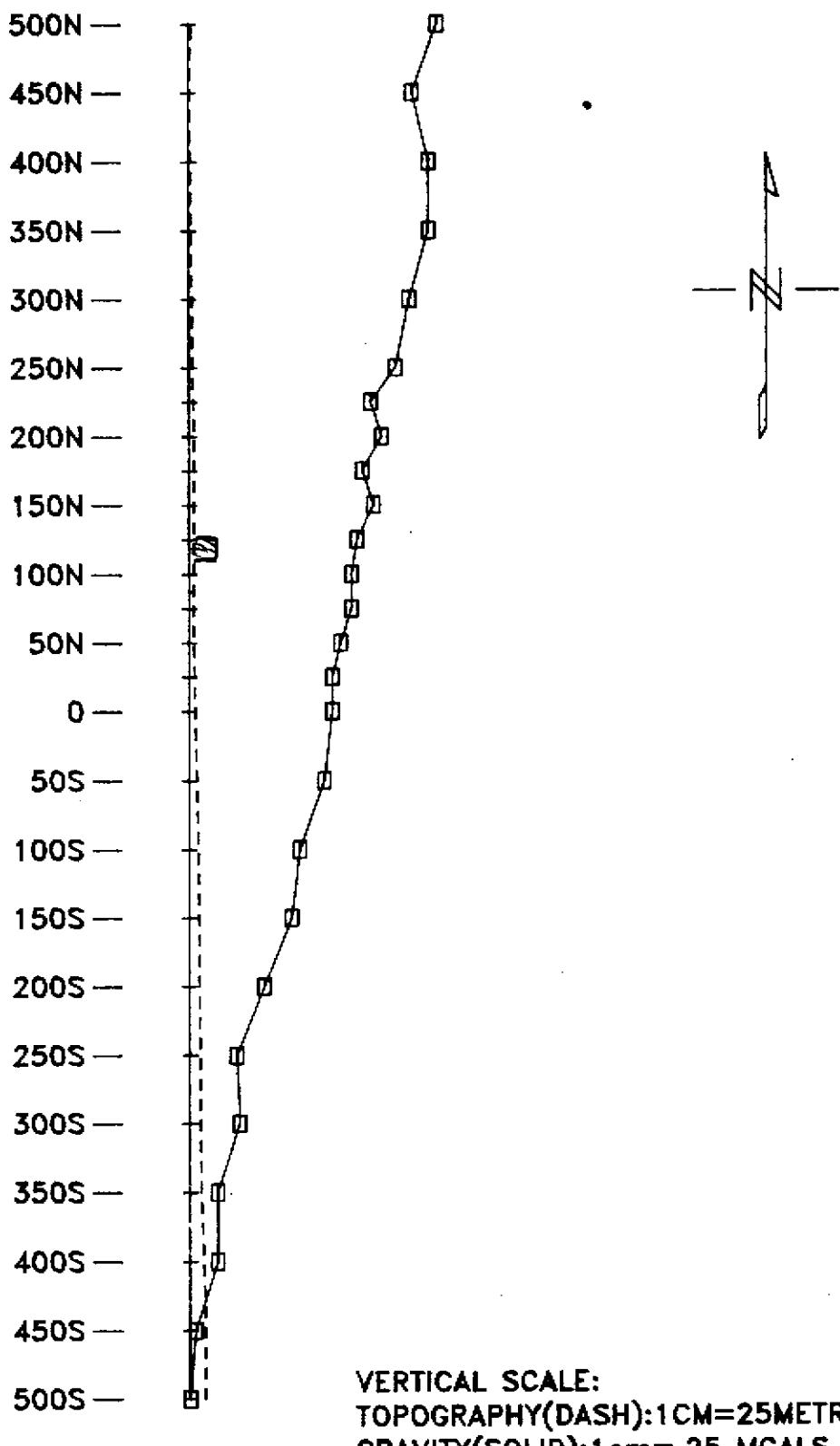


NTS  
105G

PELLY MTN PROPERTIES  
TAG NORTH GRID  
TOTAL FIELD MAGNETICS SURVEY

Scale: as shown Date: AUGUST 1996 Plate: 6

0117-9250-1



*093712*

Scale 1:5000  
 (meters)

## COMINCO EXPLORATION



NTS  
105G

Drawn by:		Traced by:	
Revised by:	Date:	Revised by:	Date:

PELLY MTN PROPERTIES  
TAG-NORTH GRID - L400W  
BOUGUER GRAVITY SURVEY  
DENSITY = 2.67 gm/cc

Scale: as shown

Date: AUGUST, 1996

Plate: 6e

2117-742000