

## **2012 ASSESSMENT REPORT**

Property Comprising the Following Claims:

Mom & Son Group  
Mom 1- 8, Son 1- 6, K100 – 101, Galaxy, Barb One

Located in the:  
Keno Hill Area  
Mayo Mining District  
Yukon Territory, Canada  
N.T.S. 105M/13, 14

Latitude: 63.93° N  
Longitude: 135.25° W

PREPARED FOR:

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Alexco Keno Hill Mining Corp.  
Alexco Exploration Canada Corp.

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and

PREPARED BY:

Al McOnie

Alexco Resource Corp.  
1150-200 Granville St.  
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DATES WORK PERFORMED: 13 June – 13 August, 2012

DATE OF REPORT: April 16, 2013

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## **1.0 SUMMARY**

During June 2012, two diamond drill holes were collared in the Mom and Son claim group on the Mom 5 quartz claim. A total of 491.16 metres of core drilling was completed to test the southern extension of the Lucky Queen – Black Cap mineral vein system where it is projected to intersect the footwall contact of the Basal Quartzite Member of the Keno Hill Quartzite Formation.

Results indicate minor silver mineralization that may correspond with this structure. Further exploration is warranted.

## **2.0 INTRODUCTION**

This report summarizes the results of diamond drilling completed on the Mom and Son grouped claim area by Alexco Resource Corp (Alexco) between 13 – 24 June 2012, with the final assays returned in late August 2012. Planning, supervision, implementation and reporting of this work were performed by Alexco Resource Corp staff.

In addition, surface geological mapping work complemented this work as part of a wider district geologic mapping program.

The area was selected to test the results of the surface mapping that shows that the southerly extension of the silver – base metal mineralized Lucky Queen – Black Cap vein-fault system projects into this area. This occurs in a highly prospective stratigraphic position at the base of the Keno Hill Quartzite Formation where competent quartzite and greenstone lithologies are indicated, and where a number of historic prospect workings are known.

## **3.0 LOCATION AND ACCESS**

The quartz claims within the grouping on which the work was conducted are held under the names of Elsa Reclamation & Development Company, Alexco Keno Hill Mining Corp, and Alexco Exploration Canada Corp. The property is located on the western flank of Keno Hill along the southern side of Erickson Gulch in the Mayo Mining District approximately 350 km north of Whitehorse (Figure 1). The area is covered by NTS map sheet 105M/14. The reference datum used is UTM NAD83 Zone 8, unless otherwise noted.

The property ranges in elevation from 1025 – 1500 metres above sea level, and situated at about tree line. It is generally covered with dense low scrub of dwarf birch and willow with sub-alpine fir and occasional spruce at the lower elevations, and with open grass in the higher parts.

Access to the district is via the Silver Trail Highway connecting the villages of Mayo and Keno City, with the property accessible beyond Keno City from either the Signpost or Wernecke roads. The base of operations for Alexco is the abandoned company town of Elsa which contains camp and office facilities.

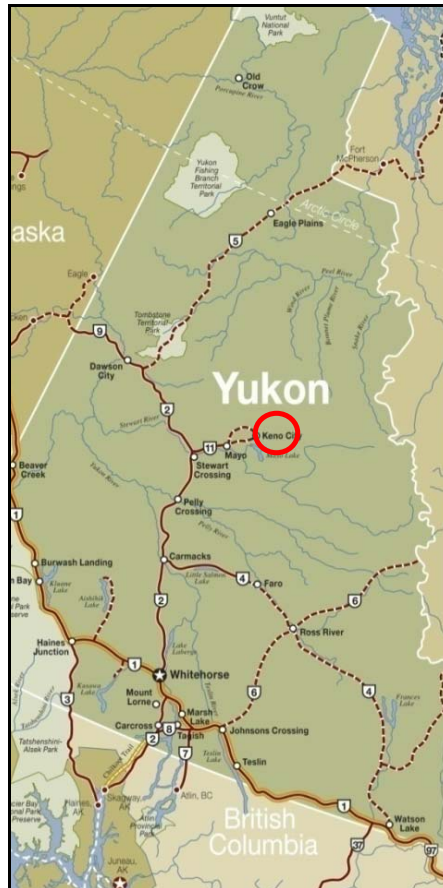


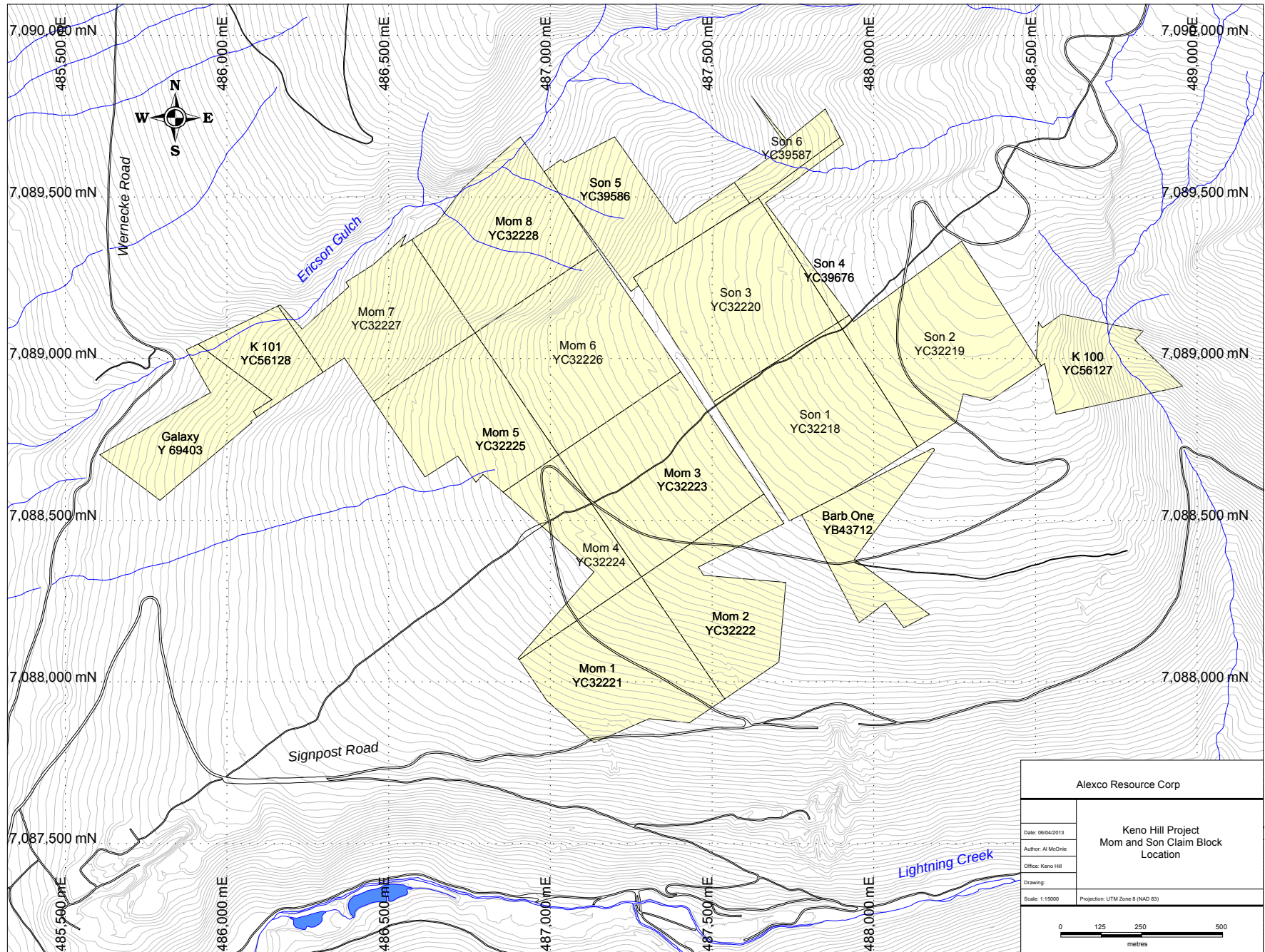
**Figure 1 General Location of the Claim Group**

#### **4.0 CLAIM STATUS**

The claim group comprises 18 quartz claims covering an area of approximately 2.397 km<sup>2</sup>. The claim on which the work was performed, being the Mom 5 quartz mining claim (Alexco Exploration Canada Corp) is active having been originally staked in 2004, and prior to the current work had an expiry date in December 2015.

A complete list of the grouped claims pertaining to this assessment report is included in Appendix 1. The location of the quartz claims is shown in Figure 2.

A list of personnel and cost statement related to the application of Certificates of Work are included as Appendices 2 and 3.



## 5.0 REGIONAL GEOLOGY

The property is situated within the western part of the Selwyn Basin in an area dominated by deformed and metamorphosed sediments accumulated at the edge of the Neoproterozoic to Paleozoic continental margin. During the Jurassic and Cretaceous, the area was subjected to compressional tectonic forces producing imbricate thrust sheets and widespread folding. In the mid-Cretaceous, renewed tectonism resulted in extensive brittle deformation and the emplacement of intrusive plutons.

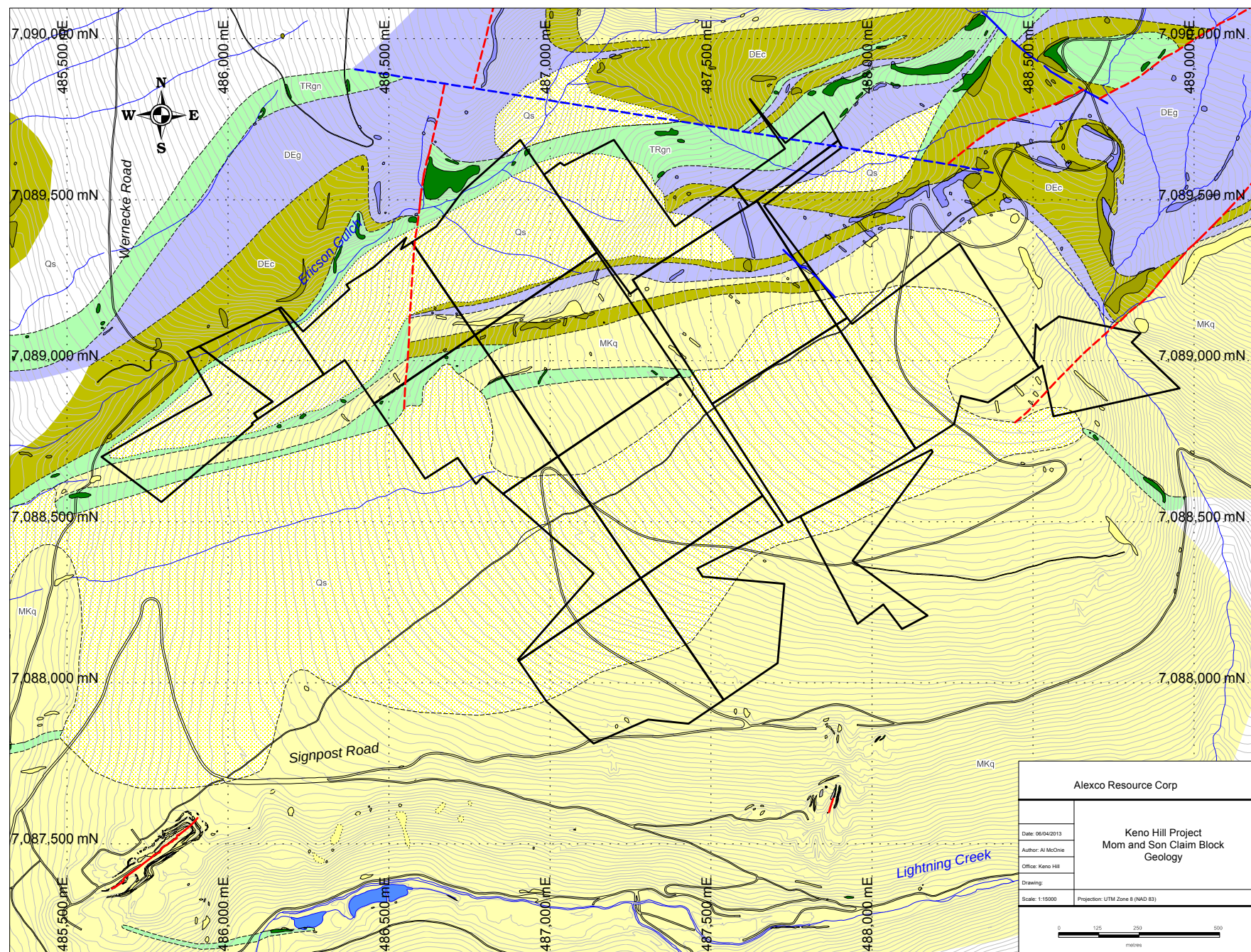
The claim area is predominantly underlain by the Keno Hill Quartzite (Mississippian), host to most of the past producing ore bodies in the Keno Hill district and the underlying Devonian-Mississippian Earn Group (Murphy, 1997).

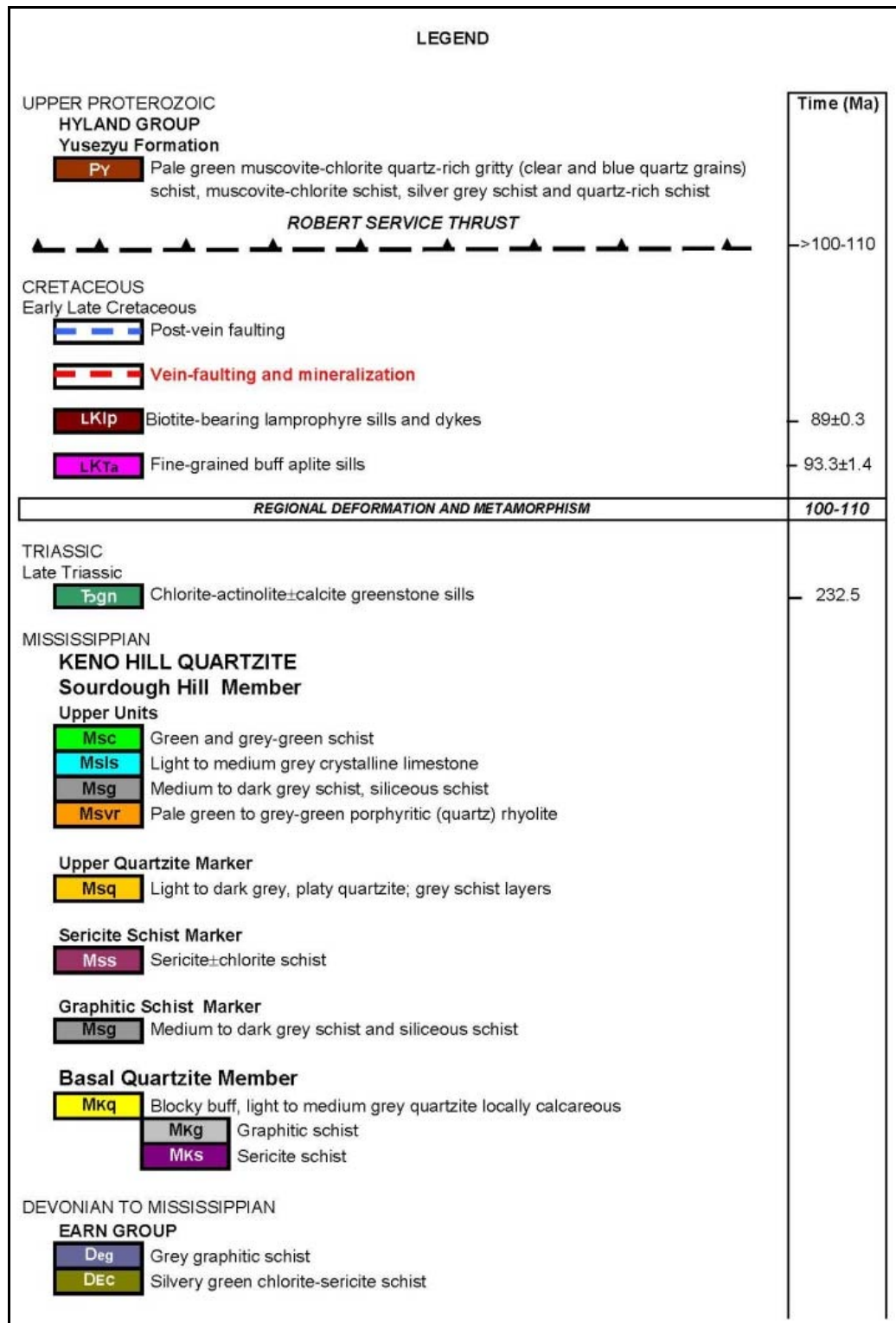
## 6.0 PROPERTY GEOLOGY

This area is included within a wider new geologic mapping initiative in the Keno District, (Figure 4) from which Alexco has derived a revised stratigraphy (McOnie and Read 2009) that is summarized in Figure 5.

There is only a minor amount of outcrop within the claim group with the west facing slopes largely covered by shallow soil, talus and permafrost. Surface mapping in the area shows that the claims essentially lie along the WSW trending lower contact of the Basal Quartzite Member of the Mississippian Keno Hill Quartzite, to the underlying upper part of the Devonian – Mississippian Earn Group that comprises interlayered graphitic schist and chlorite-sericite schist. Narrow bands of Triassic greenstone occur through the zone. The area lies between the base of the main band of Keno Hill Quartzite that extends from here on Keno Hill to Silver King in the west and the overturned isoclinal detached fold limb of the Keno Hill Quartzite that is located to the north of Erickson Gulch.

The southern extension of the NNE trending Lucky Queen mineralized vein-fault is projected to pass through the Mom 5 and 7 claims and this formed the drill target. The SW extension of the Keno No 6 vein-fault may extend to the claim block, but the location is uncertain due to complications with post-mineral faulting. The Comstock-Porcupine vein-fault also projected to extend to the K100 claim.





## 7.0 EXPLORATION HISTORY

Forming part of the historic silver Keno Hill mining district, the area would have been the subject of long periods of prospecting as it lies close to the Lucky Queen, Black Cap and Keno Hill mineralized vein-fault systems and is evidenced by a number of old prospect pits and overgrown trenches. Minor occurrences of thin veinlets containing galena have been reported from these workings.

Most recently, assessment work filed by the former owner of the claims describes geochemical and VLF geophysical surveys conducted on the claim group (Moraal, D., 2005 and 2006). These indicated a zone of anomalies along the northern part of the claim block that were possibly correlated with the projection of the Keno No 6 vein structure.

## 8.0 2012 DRILL PROGRAM

Two diamond drill holes were drilled by Alexco in 2012 (the collar details are shown in Appendix 4) with the locations of the holes relative to claim boundaries shown in Figure 5. The drill rig was mobilized to the site along existing tracks from the Signpost Road. Water supply is limited in the area and a secure supply was pumped over 2 km from Charity Gulch.

These holes were designed to test the inferred southern extension of the mineralized Lucky Queen vein-fault structure that historically produced 11 million ounces silver at an average grade of 89 oz/ton over five years from 1927. The target zone was located in a stratigraphic position at the base of the competent Basal Quartzite Member considered prospective particularly since a number of competent greenstone units are also known in the area. As the target was inferred as to position and with an unknown easterly dip, two angle holes were completed on the same azimuth from the same location.

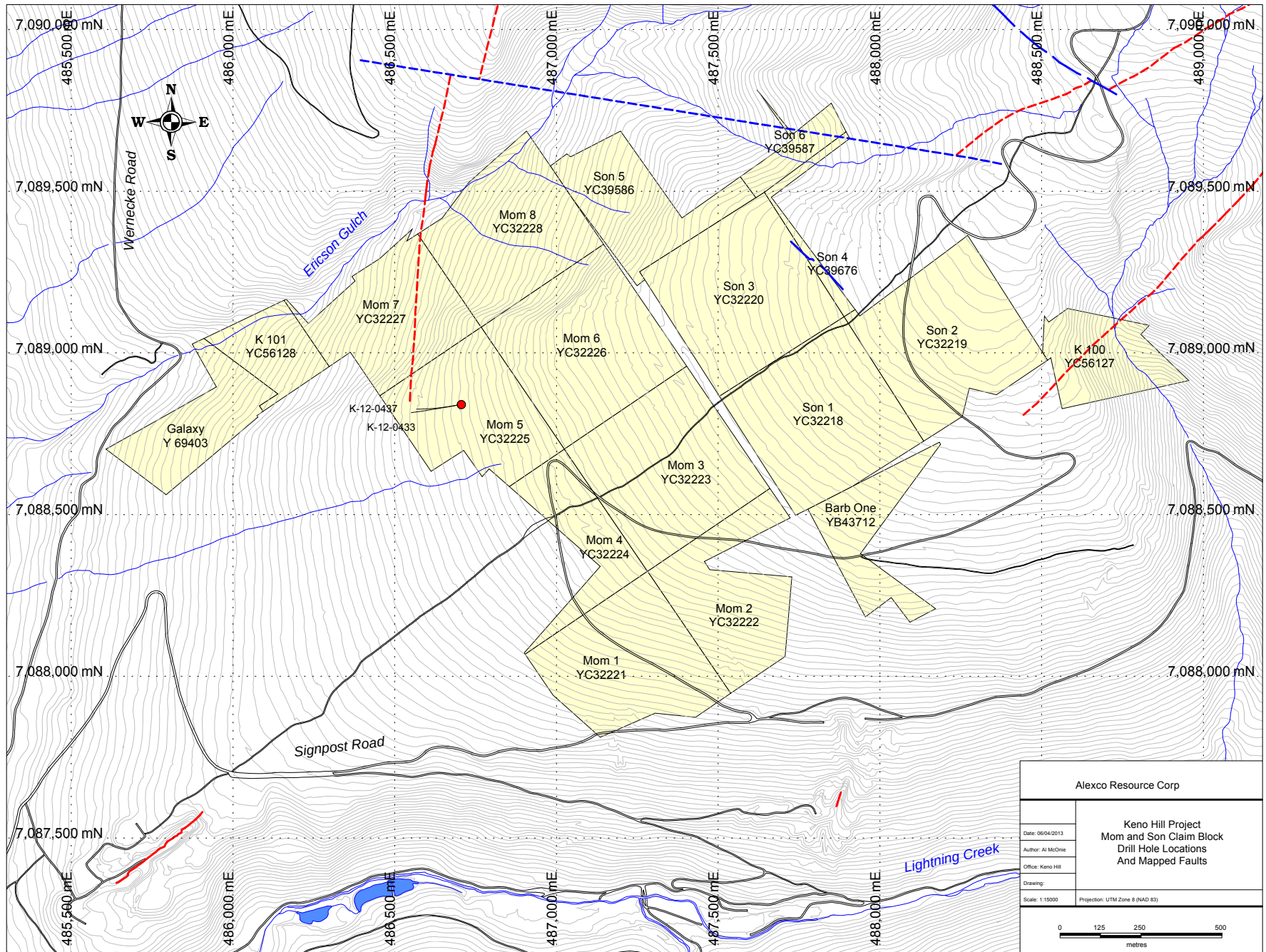
The drill holes were completed by Boart Longyear Limited using HQ size equipment between 13 - 24 June 2012, for a total of 491.16 metres.

### **Drill and Sample Procedure**

Down hole surveys were taken at approximately 15 – 20 m intervals using a Reflex survey tool.

Standard logging and sampling conventions were used to capture information from the drill core. The core was logged at the Elsa facility, directly in digital format into a SQL database with separate tables for:

- Lithology
- Structure
- Mineralization
- Geotechnical
- Specific gravity
- Assay sampling



Lithology is documented by an alphanumeric code with additional modifiers and descriptive remarks also captured. Structural data consists of type of structure, with measurements relative to core axis, and, where possible, the orientation of mineralized veins relative to a reference plane calculated for the area. The Mineral table captures visual percentage veining, sulphide and oxide minerals. The geotechnical table records percentage recovery and rock quality determination for the entire hole and fracture intensity where warranted. Core specific gravity of mineralized material as well as basic rock types is routinely measured, using a balance and measuring the weight of core in air and in water.

Core sample assay intervals are broken at lithological contacts and at significant mineralization changes. The logging geologist marks the sample intervals within the major rock types outside of the mineralized zones which are typically 2-3 m in length. Sample intervals within mineralized zones may range from 0.1 m to 1.0 m, based on consistency of mineralization and recovery, while some much broader zones that were not obviously mineralized are also included.

After logging, the core is digitally photographed and sawn in half lengthwise with a diamond saw. One half is returned to the core box for storage at Elsa and the other bagged for sample shipment. These drill holes have been assay sampled top to bottom.

Once the samples are taken, approximately four to five individual samples are placed in rice bags (grain sacks), placed on pallets, and wrapped for shipping. Samples are direct shipped to ALS Laboratories Whitehorse for sample preparation.

ALS Laboratory is accredited to ISO 17025 by Standards Council of Canada for a number of specific test procedures, including fire assay for gold and silver with atomic absorption and gravimetric finish; multi-element inductively coupled plasma optical emission spectroscopy; and atomic absorption assays for silver, copper, lead, and zinc.

Sample preparation consists of initial fine crushing of the sample to better than 70% passing 2 mm. A nominal 250 g split of this material is then pulverized to greater than 85% passing 75  $\mu$  and this portion used for analyses. Duplicate samples are prepared at the preparation facility by collecting a second 250 g split from the 2 mm crushed material where indicated.

Samples are analyzed for gold by fire assay and atomic absorption spectrometry on 30 g sub-samples and for a suite of 34 elements by four acid digestion inductively coupled plasma atomic emission spectroscopy (ICP-AES) on 0.5 g sub-samples.

Standard assay quality control procedures are implemented with each 20 sample batch including three control samples: a commercial Standard Reference Material (SRM), a blank, and a duplicate. The location of control samples (SRM, blank, and duplicate) in the sample stream is determined by the logging geologist and control samples are inserted when the core is prepared. The SRM is already processed to a pulp and inserted as ~50 to 100 g amounts. The blank is a commercially purchased dolomitic "landscape rock" and

approximately 0.35 kg to 1.5 kg of the material is inserted into the sample stream. An empty sample bag is inserted at the location of the duplicate and is prepared during sample preparation at the laboratory preparation facility and consists of a coarse reject split of the preceding sample.

The SRM material used in this program are shown in Table 1.

| SRM    | Ag<br>(g/t) | S.D. | Au<br>(g/t) | S.D.  | Pb<br>% | S.D.  | Zn<br>% | S.D.  |
|--------|-------------|------|-------------|-------|---------|-------|---------|-------|
| PM1123 | 31          | 1.29 | 1.42        | 0.046 |         |       |         |       |
| PB137  | 111         | 2.07 | 3.74        | 0.19  | 2.62    | 0.093 | 2.69    | 0.115 |

**Table 1 Standard Reference Material Used**

Assay results for quality control samples are monitored on an ongoing basis and each potential quality control failure is investigated and appropriate remedial action taken, including the re-assaying of batches containing abnormal quality control results.

## Drill Results

The full drill logs are presented in Appendix 4, and plots of lithology and silver grades results are shown on the vertical cross section in Figure 6.

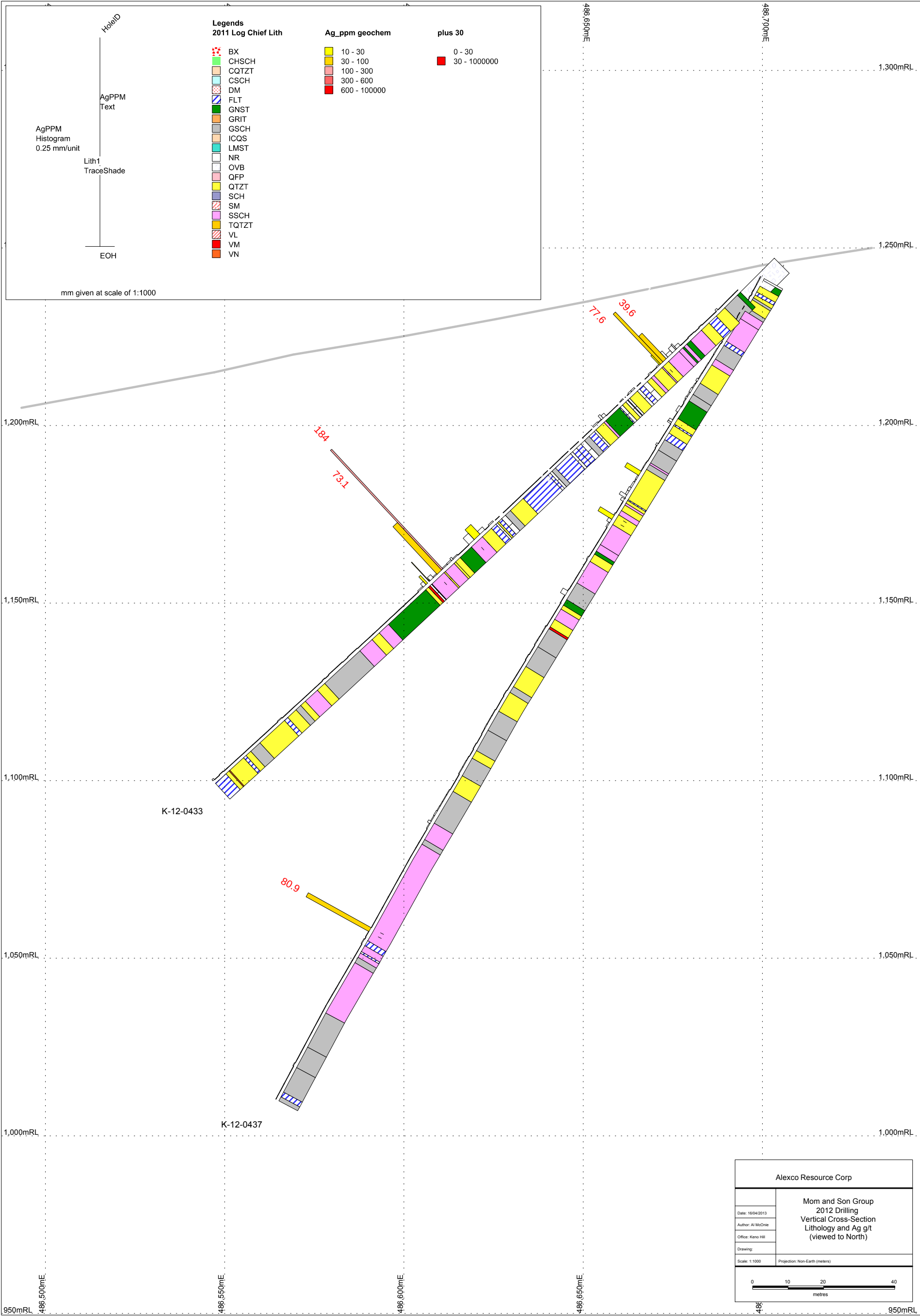
Both holes were collared in greenstone and intersected a series of intercalated quartzite, sericitic and /or graphitic schist and greenstone within the Keno Hill Quartzite Formation and probably ended in highly sheared schists of the upper Earn Group.

**Drill hole K-12-0433 (-45°)** intersected two distinctly anomalous zones with significant shearing in the intervening ground :

- an 18.46m interval from 28.96m that carried rare oxidized mineralized stringers typical of the Keno Hill style of mineralization comprising siderite, sphalerite and a trace galena. The interval returned a best assay of 77.6 g/t Ag over 0.9m.
- A zone containing intervals of tectonic and hydrothermal breccia, some healed with limonitic quartz and siderite some with stringers of sphalerite was developed over the 10.47m interval from 124.11m. This included a best assay of 184 g/t (5.92 oz/t) Ag over 0.47m.

**Drill hole K-12-0437 (-61°)** intersected one anomalous zone :

- The 0.65m interval from 121.23m contained minor quartz and siderite veinlet development, but was not significantly elevated in silver or base metals.
- The 1.3m assay interval within sericite schist from 219.7m returned anomalous silver at 80.9g/t but was not noticeably mineralized.



## **9.0 CONCLUSIONS AND RECOMMENDATIONS**

The drill results do indicate the presence of some mineralization that could be related to the southern extension of the high silver grade Lucky Queen mineral vein system where it passes through the lower contact of the Basal Quartzite Member of the Keno Hill Formation.

This provides some encouragement to conducting exploration further south along the inferred strike of the structure particularly where it may intersect the Keno No 6 or Comstock-Porcupine trends on adjacent claims also held by Alexco Resource Corp.

Further geologic modelling and surface surveys are required before any further drilling is undertaken.

## **10.0 LIST OF REFERENCES**

- McOnie, A and P.B. Read. 2009.  
Stratigraphy, Structure and Exploration Opportunities Sourdough, Galena and part of Keno Hills, Keno Hill Mining Camp, Central Yukon. Internal Report Alexco Resource Corp.
- Moraal, D.N., 2005  
Assessment Report – Dirkeno Group Grant Nos. YC32218 to YC32228 (Son 1 to 3 and Mom 1 to 8 mineral claims), Mayo Mining Division, Yukon Territory.
- Moraal, D.N., 2006  
Assessment Report – Son 4, Son 5 and Son 6 Fractional mineral claims, Grant YC39676, YC39586 and YC39587, Mayo Mining Division, Yukon Territory.
- Murphy, D.C., 1997.  
Geology of the McQuesten River Region, Northern McQuesten and Mayo Map Areas, Yukon Territory (11P/14, 15, 16; 105M/13,14).  
Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Bulletin 6.

## APPENDIX 1

### LIST OF CLAIMS

| Name     | Number | Grant   | Owner                                              | Staking Date | Recorded Date | Requested Expiry Date |
|----------|--------|---------|----------------------------------------------------|--------------|---------------|-----------------------|
| Barb One | 0      | YB43712 | Elsa Reclamation & Development Company Ltd. - 100% | 12/10/1994   | 12/10/1994    | 31/12/2020            |
| Galaxy   | 0      | Y 69403 | Elsa Reclamation & Development Company Ltd. - 100% | 22/05/1973   | 05/06/1973    | 31/12/2017            |
| K        | 100    | YC56127 | Alexco Keno Hill Mining Corp. - 100%               | 15/06/2007   | 15/06/2007    | 31/12/2020            |
| K        | 101    | YC56128 | Alexco Keno Hill Mining Corp. - 100%               | 15/06/2007   | 15/06/2007    | 31/12/2020            |
| Mom      | 1      | YC32221 | Alexco Exploration Canada Corp. - 100%             | 19/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 2      | YC32222 | Alexco Exploration Canada Corp. - 100%             | 19/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 3      | YC32223 | Alexco Exploration Canada Corp. - 100%             | 19/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 4      | YC32224 | Alexco Exploration Canada Corp. - 100%             | 19/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 5      | YC32225 | Alexco Exploration Canada Corp. - 100%             | 17/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 6      | YC32226 | Alexco Exploration Canada Corp. - 100%             | 17/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 7      | YC32227 | Alexco Exploration Canada Corp. - 100%             | 18/08/2004   | 23/08/2004    | 31/12/2018            |
| Mom      | 8      | YC32228 | Alexco Exploration Canada Corp. - 100%             | 18/08/2004   | 23/08/2004    | 31/12/2018            |
| Son      | 1      | YC32218 | Alexco Exploration Canada Corp. - 100%             | 17/08/2004   | 23/08/2004    | 31/12/2018            |
| Son      | 2      | YC32219 | Alexco Exploration Canada Corp. - 100%             | 17/08/2004   | 23/08/2004    | 31/12/2018            |
| Son      | 3      | YC32220 | Alexco Exploration Canada Corp. - 100%             | 17/08/2004   | 23/08/2004    | 31/12/2018            |
| Son      | 4      | YC39676 | Alexco Exploration Canada Corp. - 100%             | 26/08/2005   | 01/09/2005    | 31/12/2019            |
| Son      | 5      | YC39586 | Alexco Exploration Canada Corp. - 100%             | 08/09/2005   | 12/09/2005    | 31/12/2019            |
| Son      | 6      | YC39587 | Alexco Exploration Canada Corp. - 100%             | 08/09/2005   | 12/09/2005    | 31/12/2019            |

## **APPENDIX 2**

### **LIST OF PERSONNEL**

Al McOnie  
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3177

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Matthew McMahon  
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Welland  
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Annie Greenfield  
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Calgary, AB  
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Liana Stammers  
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North Vancouver, BC  
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## APPENDIX 3

### STATEMENT OF EXPENDITURES

| <b>COST STATEMENT - Alexco Resource Corp. December 2012 "Mom and Son Group" Assessment Filing</b> |              |                                                                                               |                              |                        |                       |                   |                           |                  |
|---------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------|------------------------------|------------------------|-----------------------|-------------------|---------------------------|------------------|
| <i>Claim(s)</i>                                                                                   | <i>Grant</i> | <i>Owner</i>                                                                                  | <i>DRILLING DIRECT COSTS</i> | <i>STAFF/REPORTING</i> | <i>ROOM AND BOARD</i> | <i>ANALYTICAL</i> | <i>RENTALS / SUPPPORT</i> | <b>EST TOTAL</b> |
| Mom 5                                                                                             | YC90503      | Alexco Exploration Canada Corp.                                                               | \$ 114,121.95                | \$ 9,013.00            | \$ 7,980.00           | \$ 22,538.00      | \$ 3,479.22               | \$ 157,132.17    |
|                                                                                                   |              |                                                                                               |                              |                        |                       |                   |                           | \$ 157,132.17    |
|                                                                                                   |              | Diamond Drilling includes 491.15 m in two holes that was drilled on the Mom 5 claim (YC32225) |                              |                        |                       |                   |                           |                  |
|                                                                                                   |              | Drilling carried out from June 13, 2012 to June 24, 2012.                                     |                              |                        |                       |                   |                           |                  |

## APPENDIX 4

### DRILL LOGS

#### 2012 DRILL COLLARS

All holes completed by Boart Longyear Limited

| Hole      | East UTM<br>(m) | North UTM<br>(m) | Elevation<br>(m) | Total Depth<br>(m) | Azimuth | Inclination | Date Started  | Date Completed | Hole Size |
|-----------|-----------------|------------------|------------------|--------------------|---------|-------------|---------------|----------------|-----------|
| K-12-0433 | 486705.39       | 7088840.32       | 1245.01          | 216.16             | 260     | -45         | June 13, 2012 | June 18, 2012  | HQ        |
| K-12-0437 | 486705.96       | 7088840.26       | 1245.17          | 275.00             | 260     | -61         | June 18, 2012 | June 24, 2012  | HQ        |

## Lithology Core Logging Codes

| Lith Code | Description                                           |
|-----------|-------------------------------------------------------|
| NR        | No Recovery                                           |
| OVb       | Overburden                                            |
| FLT       | Fault                                                 |
| BX        | Hydrothermal Breccia                                  |
| DM        | Disseminated mineralization                           |
| SM        | Stringer-mineralization                               |
| VL        | Mineralized Veinlet                                   |
| VM        | Mineralized Vein                                      |
| VN        | Unmineralized Vein                                    |
| QTZT      | Quartzite                                             |
| TQTZT     | Thin Bedded Quartzite (Msq)                           |
| ICQS      | Interbedded Carbonaceous Quartzite & Schist           |
| CQTZT     | Calcareous Quartzite                                  |
| GSCH      | Graphitic Schist                                      |
| SSCH      | Sericite Schist                                       |
| CHSCH     | Chloritic Schist                                      |
| CSCH      | Calcareous Schist                                     |
| GRIT      | Quartz gritty Schist or Meta-felsic volcanic          |
| SCH       | Undifferentiated schist                               |
| LMST      | Limestone                                             |
| QFP       | Quartz Feldspar Porphyry - Felsite or Aplite          |
| GNST      | Greenstone                                            |
| CASI      | Calc Silicate Schist                                  |
| ASCH      | Porphyroblastic andalusite schist                     |
| CLSR      | Chlorite-seriite (muscovite) schist (phyllite)        |
| SKARN     |                                                       |
| BSCH      | Brown biotite rich schist                             |
| MVCL      | Brown to grey-green schist with fragmental texture    |
| MVA       | Grey-green schist with mafic and/or feldspar crystals |

## Mineralization Legend

| Mineral |                     |
|---------|---------------------|
| act     | actinolite          |
| agt     | argentite           |
| ars     | arsenopyrite        |
| bor     | bornite             |
| cal     | calcite             |
| car     | carbonate           |
| cc      | chalcocite          |
| cer     | cerrusite           |
| chl     | chlorite            |
| cp      | chalcopyrite        |
| diop    | diopside            |
| dol     | dolomite            |
| FeOx    | iron oxide          |
| fre     | freibergite         |
| gar     | garnet              |
| gn      | galena              |
| goe     | goethite            |
| lim     | limonite            |
| mal     | malachite           |
| mar     | marcasite           |
| mng     | any manganese oxide |
| msd     | manganese siderite  |
| nag     | native silver       |
| nau     | native gold         |
| pgy     | pyrargyrite         |
| pol     | polybasite          |
| py      | pyrite              |
| pyh     | pyrrhotite          |
| qtz     | quartz              |
| sco     | scorodite           |
| sd      | siderite            |
| sfo     | sulphosalts         |
| she     | scheelite           |
| sph     | sphalerite          |
| tet     | tetrahedrite        |
| trm     | tourmaline          |
| unkn    | unknown mineral     |
| wad     | manganese wad       |

## Structure Legend

| Structure | Description                                      |
|-----------|--------------------------------------------------|
| AP        | axial plane                                      |
| BD        | bedding                                          |
| BR        | breccia                                          |
| BU        | boudin                                           |
| CT        | contact (identify type)                          |
| DMB       | Disseminated Mineral Banding (replacement style) |
| FA        | fold axis                                        |
| FCL       | fracture cleavage                                |
| FLD       | fold                                             |
| FLT       | fault                                            |
| FN        | foliation                                        |
| FR        | fracture (open space)                            |
| FRZ       | fracture zone                                    |
| FZN       | fault zone                                       |
| JN        | joint (parting)                                  |
| LN        | lineation                                        |
| ME        | mineral elongation                               |
| MRZ       | mechanical rubble zone                           |
| PA        | phenocrysts alignment                            |
| PC        | plication                                        |
| RZ        | rubble zone                                      |
| SH        | shear                                            |
| SHZ       | shear zone                                       |
| STR       | stringer/stringer zone (<1cm)                    |
| U         | unconformity                                     |
| VB        | vein banding                                     |
| VM        | vein - mineralized                               |
| VN        | vein (>10cm)                                     |
| VNLT      | veinlet (1-10cm)                                 |
| VNZ       | vein zone                                        |
| VRG       | vergence                                         |

## Geotechnical Legend

| Intensity | Description |
|-----------|-------------|
| 1         | weak        |
| 2         | moderate    |
| 3         | strong      |
| 4         | very strong |

| IRS Category | Description                                                       |
|--------------|-------------------------------------------------------------------|
| S1           | Very soft clay: easily penetrated several cm by fist              |
| S2           | Soft clay: easily penetrated several cm by thumb                  |
| S3           | Firm clay: penetrated several cm by thumb with mod effort         |
| S4           | Stiff clay: indented with thumb, but penetrated with great effort |
| S5           | Very stiff clay: readily indented with thumbnail                  |
| S6           | Hard clay: Indented with difficulty with thumbnail                |

| Rock Strength | Description                                                                    |
|---------------|--------------------------------------------------------------------------------|
| R0            | extremely weak; indented by thumbnail                                          |
| R1            | very weak; crumbles under firm blow of geologic hammer; peeled by pocket knife |
| R2            | weak; shallow indentation under firm blow of geology pick                      |
| R3            | medium strong; fractured with single blow of geologic hammer                   |
| R4            | strong; requires more than one blow of hammer to fracture                      |
| R5            | very strong; requires many blows of hammer to fracture                         |
| R6            | extremely strong; can only be chipped with strong blows of hammer              |

**K-12-0433**

**SUMMARY DRILL LOG – KENO HILL PROJECT**

|                                              |                               |                                  |
|----------------------------------------------|-------------------------------|----------------------------------|
| Hole ID : <b>K-12-0433</b>                   | Prospect: <b>Mom and Son</b>  | Logged By: <b>L. Stammers</b>    |
| UTM East: <b>486705.3872</b>                 | UTM North: <b>7088840.323</b> | Elevation: <b>1245.014</b>       |
| Collar Az: <b>260</b> Collar Dip: <b>-45</b> | Total Depth: <b>216.16</b>    | Date Completed: <b>6/18/2012</b> |

**General Description****0 - 13.55m** Overburden

**13.55 - 70.52m** Hole was collared in an oxidized greenstone (TRgn). The hole then passes through interbedded graphitic schist and quartzite units with some beds or intercalation of sericitic schist. This is thought to be the basal member with the stratigraphy alternating between MKq, Mkg, and Mks. There are several small faults with gouge at 23.18 - 26m and 57.45 - 57.62m. Greenstone (TRgn) is present from 33.16 - 34.67m, 35.69 - 36.22m, and 60.82 - 66.11m. This interval is heavily oxidized with limonite and minor manganese wads. 28.96 - 47.42m contains rare oxidized mineralized stringers of siderite, sphalerite and trace galena.

**70.52 - 98.00m** Fault zone with alternating rubbly quartzite, gougy or heavily sheared graphitic schist, saccharoidal quartz, and fault gouge. All moderately to heavily oxidized.

**98.00 - 133.95m** Continuation of the basal member with interbedded quartzite (MKq), graphitic schist (MKg) and sericitic schist (MKs). There are two greenstone sills at 118 - 122.33m and 133.22 - 133.36m. Crackle fault breccia from 124.11 - 124.7m with limonitic quartz healing the fractures. Zone of siderite stringers with sphalerite blebs from 128.08 - 128.55m. Small gougy faults at 106.35 - 107.46m and 108.57 - 110.32m. Unit is moderately altered by limonitic, minor manganese oxidation, and trace tarnished goethite.

**133.95 - 134.58m** Mineralized structure. Two stages of brecciation in a chaotic hydrothermal breccia. One produced rounded clasts of siderite (first 30cm) and the other formed angular clasts of quartzite. The unit grades into a quartzite crackle breccia. All of the interval is highly oxidized.

**134.58 - 212.19m** After the structure, the hole proceeds through a greenstone until 149.99m. The core then is interbedded graphitic schist and quartzite (MKg and MKq?) with sparse sericitic schist beds intercalated with graphitic schist. The rock became decreasingly oxidized and contains some beds of calcareous quartzite and graphitic schist.

**212.19 - 216.16m** The hole was lost in a fault which was gouge of undetermined origin sandwiching a heavily sheared graphitic schist interval.

**Mineralization**

| From (m) | To (m) | Interval (m) | True Thickness (m) | Description                                                                                                                                                                                                                                                      |
|----------|--------|--------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 41.66    | 43.87  | 2.21         |                    | Massive qtzt. Patchy exsolution texture. Entire unit altered moderately to limonite with a heavier alteration permeating from fracture surfaces. Silification increasing towards base of interval. Stringer of oxidized sulphide (dark red-brown, no rxn to HCl, |
| 43.87    | 44.29  | 0.42         |                    | Limonite alteration gives unit yellow tinge. Qtz sweats. Oxidation along fracture surfaces.                                                                                                                                                                      |
| 128.08   | 128.55 | 0.47         |                    | Light grey qtzt with sd stringers (~5%). FeOx and MnOx on fracture surfaces and altering the sd to a dark brown/black. Some fracturing.                                                                                                                          |
| 128.55   | 133.22 | 4.67         |                    | Interbedded qtzt and minor ssch. Qtz sweats. Area of fracturing at 131.83m which has almost made a crackle breccia. Varying ratios of FeOx and MnOx on fracture surfaces with trace goethite on some.                                                            |
| 133.22   | 133.36 | 0.14         |                    | Heavily oxidized (Mn and Fe), brown, one qtz sweat with carbonates.                                                                                                                                                                                              |

**Assay**

| From (m) | To (m) | Interval (m) | True Thickness (m) | Ag (g/t) | Pb (ppm) | Zn (ppm) |
|----------|--------|--------------|--------------------|----------|----------|----------|
| 41.66    | 42.97  | 1.31         |                    | 39.6     | 56       | 266      |
| 42.97    | 43.87  | 0.9          |                    | 77.6     | 127      | 1400     |
| 43.87    | 44.29  | 0.42         |                    | 14.4     | 259      | 444      |
| 128.08   | 128.55 | 0.47         |                    | 184      | 38       | 265      |
| 128.55   | 130.32 | 1.77         |                    | 73.1     | 107      | 163      |
| 130.32   | 131.73 | 1.41         |                    | 1.1      | 22       | 177      |
| 131.73   | 132.97 | 1.24         |                    | 4.7      | 196      | 284      |
| 132.97   | 133.22 | 0.25         |                    | 1.9      | 8        | 110      |
| 133.22   | 133.36 | 0.14         |                    | 29.6     | 2530     | 2900     |

Photo Mineralized Section (See photo boxes)





## Down Hole Surveys

| Project | Depth_m | Pull_Back | Code | Raw_Azimuth | Correction_Factor | Corrected_Azimuth | Dip    | Mag_Field | Temp | Roll | Date_Surveyed | Company | Operator | Instrument | Comments |
|---------|---------|-----------|------|-------------|-------------------|-------------------|--------|-----------|------|------|---------------|---------|----------|------------|----------|
| Keno    | 0       |           | 1    |             |                   | 260.00            | -45.00 |           |      |      |               |         |          |            |          |
| Keno    | 44      | 6         | 1    | 237.10      |                   | 260.10            | -43.50 | 5783      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 68      | 6         | 1    | 238.30      |                   | 261.30            | -43.10 | 5780      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 92      | 6         | 1    | 237.10      |                   | 260.10            | -43.40 | 5789      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 116     | 6         | 1    | 237.40      |                   | 260.40            | -43.10 | 5770      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 140     | 6         | 1    | 236.90      |                   | 259.90            | -42.90 | 5783      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 164     | 6         | 1    | 238.20      |                   | 261.20            | -42.80 | 5782      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 188     | 6         | 1    | 238.80      |                   | 261.80            | -42.50 | 5757      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |
| Keno    | 212     | 6         | 1    | 239.00      |                   | 262.00            | -42.30 | 5781      |      |      | 6/15/2012     | BLY     |          | Reflex     |          |

## Lithology

| Hole      | From m | To m  | Lith1 | Lith1 Pct | Lith2 | Lith2 Pct | Mod1 | Mod2 | Mod3 | Grain Size | Colour          | Bedding Thickness | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------|--------|-------|-------|-----------|-------|-----------|------|------|------|------------|-----------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 0.00   | 13.55 | OVb   | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 13.55  | 14.74 | GNST  | 100       |       |           |      |      |      |            | green           |                   | Light green. Limonite on fracture surfaces. PA at low angle to CA.                                                                                                                                                                                                                                                                                                                                                                                                        |
| K-12-0433 | 14.74  | 19.78 | GSCH  | 100       |       |           |      |      |      |            | dark grey       |                   | Gsch interbedded with minor Qtzt. Minor limonite alteration. Small flts with gg and Qtzt rubble. Some porous textures where minerals have been leached away. Sparse Qtzt metamorphic banding.                                                                                                                                                                                                                                                                             |
| K-12-0433 | 19.78  | 23.18 | QTZT  | 100       |       |           |      |      |      |            | light grey      |                   | Light grey. MgOx and FeOx on fracture surfaces. Qtz stringers. One sd (white-yellow, softer than scratcher) with oxidized sulphide (no cleavage visible, no rxn with HCl, black, softer than scratcher). Porous texture (small) where rock has leached away minerals. Sparse puggy/gougy flts.                                                                                                                                                                            |
| K-12-0433 | 23.18  | 26.00 | FLT   | 100       |       |           |      |      |      |            | light grey      |                   | Partially competent, clay rich gnst (beige with hint of green) which becomes gougy flt gnst. Flt increases in graphitic content to become gg in last 15cm of interval.                                                                                                                                                                                                                                                                                                    |
| K-12-0433 | 26.00  | 28.96 | QTZT  | 100       |       |           |      |      |      |            | light grey      |                   | Light grey Qtzt. MnOx, and FeOx following fracture surfaces. Rubbly with some gougy interval (<5cm) at top of unit.                                                                                                                                                                                                                                                                                                                                                       |
| K-12-0433 | 28.96  | 33.16 | SSCH  | 10        | QTZT  | 90        |      |      |      |            | green-grey      |                   | Qtzt with small ssch beds. Clustering of dark black rock (Fe rich) because of exsolution (?). Some strands of sd with flecks of fine grained gn and sph. Fracture surfaces dusted with limonite and manganese wads. Porous beds from leached minerals have been filled with limonite. Two thin gsch beds at top of interval. Unit is mildly silicified.                                                                                                                   |
| K-12-0433 | 33.16  | 34.67 | GNST  | 100       |       |           |      |      |      |            | green           |                   | Light green, clay rich gnst. Cal/Qtzt strands following fr (metamorphic?). Oxidation following fracture surfaces.                                                                                                                                                                                                                                                                                                                                                         |
| K-12-0433 | 34.67  | 35.69 | SSCH  | 60        | QTZT  | 40        |      |      |      |            | green-grey      |                   | Silicified interbedded Qtzt and ssch with a few minor fns of gsch. Qtz sweats with vugs. Porous beds (<5mm) scattered throughout interval from leached calcite. Fracture surfaces, porous fns, and some Qtz sweats are oxidized. Sparse wisps of gnst following fr (<1cm mini-sills?).                                                                                                                                                                                    |
| K-12-0433 | 35.69  | 36.22 | GNST  | 100       |       |           |      |      |      |            | green           |                   | Similar to previous gnst unit but with no Qtzt/cal strands.                                                                                                                                                                                                                                                                                                                                                                                                               |
| K-12-0433 | 36.22  | 37.62 | SSCH  | 100       |       |           |      |      |      |            | green-grey      |                   | Decreasing silicification proceeding away from the gnst sill. Some "banding" of iron rich rock (making it look patchy) in small, sparse Qtzt beds. Increasing limonite alteration.                                                                                                                                                                                                                                                                                        |
| K-12-0433 | 37.62  | 41.66 | SSCH  | 40        | QTZT  | 60        |      |      |      |            | orange-brown    |                   | Alternating beds of Qtzt and minor ssch. Qtzt is patchy from exsolution of Fe and has oxidation (mostly limonite) on fracture surfaces (which increases in intensity and becomes more purple - Mn rich? - towards end of interval). First 14cm of unit is heavily altered by oxidation (black, dark brown with red tinge, some orange). Ssch beds contain limonite (making them yellow-orange).                                                                           |
| K-12-0433 | 41.66  | 43.87 | QTZT  | 100       |       |           |      |      |      |            | orange-brown    |                   | Massive Qtzt. Patchy exsolution texture. Entire unit altered moderately to limonite with a heavier alteration permeating from fracture surfaces. Silicification increasing towards base of interval.                                                                                                                                                                                                                                                                      |
| K-12-0433 | 43.87  | 44.29 | SSCH  | 100       |       |           |      |      |      |            | green-brown     |                   | Stringer of oxidized sulphide (dark red-brown, no rxn to HCl, no cleavage visible) at 42.8m. Limonite alteration give unit yellow tinge. Qtz sweats. Oxidation along fracture surfaces.                                                                                                                                                                                                                                                                                   |
| K-12-0433 | 44.29  | 47.42 | QTZT  | 100       |       |           |      |      |      |            | light grey      |                   | Exsolution/patchy texture decreases over unit. Trace speck of gn at 44.81m within dark area of rock in fracture vug. Strands and blebs of dark red-brown, soft, oxidized mineral throughout unit (no cleavage visible or rxn to acid). Qtz stringers at bottom of unit contain a higher concentration of blebs of this mineral. Sparse, small (<4cm) gsch beds. Oxidation mostly on fracture surfaces (yellow-orange limonite) but sometimes has permeated into the rock. |
| K-12-0433 | 47.42  | 48.42 | SSCH  | 80        | QTZT  | 20        |      |      |      |            | green-grey      |                   | Oxidized sch with sparse thin beds of Qtzt. Ssch contains minor interfoliated gsch. Qtz sweats are heavily oxidized (FeOx). Thin (<5mm) fns of porous leached rock.                                                                                                                                                                                                                                                                                                       |
| K-12-0433 | 48.42  | 50.00 | QTZT  | 100       |       |           |      |      |      |            | dark grey-brown |                   | Light grey. Oxidation within fractures and porous beds (calcareous leaching). Rubbly.                                                                                                                                                                                                                                                                                                                                                                                     |
| K-12-0433 | 50.00  | 51.56 | NR    | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 51.56  | 53.00 | FLT   | 50        | GSCH  | 50        |      |      |      |            | black           |                   | Graphitic gouge (with some puggy Qtzt) flt runs parallel to CA halfway through core. Some oxidation within fault. Other half of core is gsch with fr undulating but averaging at 0 degrees to core axis. Gsch contains prolific Qtz sweats with limonite and mn wad in vugs.                                                                                                                                                                                              |
| K-12-0433 | 53.00  | 53.83 | NR    | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 53.83  | 56.83 | QTZT  | 80        | GSCH  | 20        |      |      |      |            | light grey      |                   | Light grey, thinly interbedded gsch and Qtzt. Qtz metamorphic banding is related to the gsch beds. Fr in gsch at top of interval is wavy. Qtzt no longer contains splotchy texture (related to gnt sills?). FeOx and minor MnOx on fracture surfaces. End of interval contains sd stringers (3 cleavages visible but fine grained) with a black/dark brown mineral (sph?, no distinctive smell).                                                                          |
| K-12-0433 | 56.83  | 57.45 | NR    | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 57.45  | 57.62 | FLT   | 100       | QTZT  |           |      |      |      |            | dark grey-brown |                   | Fault breccia of Qtzt healed by limonite alteration of Qtz. Gouge/puggy Qtz grits present. Clasts up to 1cm. Poor recovery.                                                                                                                                                                                                                                                                                                                                               |
| K-12-0433 | 57.62  | 58.32 | NR    | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 58.32  | 59.59 | QTZT  | 70        | GSCH  | 30        |      |      |      |            | medium grey     |                   | Interbedded Qtzt with minor gsch. Moderate oxidation (Fe) along fractures and sweats. Qtz stringers within the Qtzt. End of interval see gsch grading into ssch.                                                                                                                                                                                                                                                                                                          |
| K-12-0433 | 59.59  | 60.48 | NR    | 100       |       |           |      |      |      |            |                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 60.48  | 60.82 | FLT   | 100       | SSCH  |           |      |      |      |            | green-grey      |                   | Ssch grading into gnt fault gouge. Some small (< 2cm) rubble of these respective units. Oxidation (Fe) on some rubble surfaces.                                                                                                                                                                                                                                                                                                                                           |

## Lithology

| Hole      | From m | To m   | Lith1 | Lith1 Pct | Lith2 | Lith2 Pct | Mod1 | Mod2 | Mod3 | Grain Size | Colour      | Bedding Thickness | Comments                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------|--------|--------|-------|-----------|-------|-----------|------|------|------|------------|-------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 60.82  | 66.11  | GNST  | 100       |       |           |      |      |      |            | green       |                   | Dark green. Calcite stringers. Mn and Fe Ox on fracture surfaces which increases (mostly FeOx) and permeates into rock proceeding downwards through the drillhole. High clay content including some white kaolinite.                                                                                                                                                                      |
| K-12-0433 | 66.11  | 66.74  | SSCH  | 100       |       |           |      |      |      |            | green-brown |                   | Heavily sheared. Moderate oxidation. Some graphitic interfoliations.                                                                                                                                                                                                                                                                                                                      |
| K-12-0433 | 66.74  | 69.83  | QTZT  | 100       |       |           |      |      |      |            | grey-brown  |                   | Rubbly, limonitic qtzt. Top of interval silicified. Increased Ox (Mn and Fe) on fracture surfaces. Sparse intercalated gsch beds (<10cm). Some puggy qtzt and gougy qtzt towards base of unit.                                                                                                                                                                                            |
| K-12-0433 | 69.83  | 70.52  | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 70.52  | 72.52  | FLT   | 100       | QTZT  |           |      |      |      |            | grey-brown  |                   | Gougy to rubbly qtzt with some saccaroidal qtzt (suggary). Oxidation within the fault. 2nd half of unit is matrix (fine grained qtzt) supported flt breccia. Clasts are <2mm qtzt or qtzt remnants. Polished slicken lines seen on fracture surfaces. At 71m, some competent pieces with black unknown min (most likely ox sph).                                                          |
| K-12-0433 | 72.52  | 74.22  | GSCH  | 100       |       |           |      |      |      |            | black       |                   | Sheared gsch with fn still evident. FeOx on fracture surfaces (light to moderate). Sparse qtzt meta bands. Some gougy fns. Fn approaches 0 degrees to CA towards the graphitic flt from 80-85 degrees at the top of the interval.                                                                                                                                                         |
| K-12-0433 | 74.22  | 75.67  | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 75.67  | 77.33  | FLT   | 100       | GSCH  |           |      |      |      |            | black       |                   | Graphitic gouge with puggy qtzt. Increasing saccaroidal qtzt and qtzt gouge towards end of interval. Some patches of moderate FeOx alteration.                                                                                                                                                                                                                                            |
| K-12-0433 | 77.33  | 78.88  | FLT   | 90        | QTZT  | 10        |      |      |      |            | light grey  |                   | Qtzt crackle breccia healed by qtzt which grades into competent qtzt with some rubble which becomes gougy qtzt and puggy/saccaroidal qtzt by end of interval. Minor FeOx on fracture surfaces.                                                                                                                                                                                            |
| K-12-0433 | 78.88  | 79.65  | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 79.65  | 85.47  | FLT   | 100       | GSCH  |           |      |      |      |            | black       |                   | Graphitic gouge with puggy qtzt. Varying quantities of saccaroidal/puggy (clay to sand sized) qtzt. Some beds of heavy FeOx alteration. Sparse fragments of gsch with fn still visible.                                                                                                                                                                                                   |
| K-12-0433 | 85.47  | 86.82  | GSCH  | 100       |       |           |      |      |      |            | dark grey   |                   | Heavily sheared gsch with chloritic alteration in some fns. Some gouge.                                                                                                                                                                                                                                                                                                                   |
| K-12-0433 | 86.82  | 87.59  | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 87.59  | 88.38  | FLT   | 100       | QTZT  |           |      |      |      |            | medium grey |                   | Rubbly to gougy qtzt with crumbling 15cm fragments at base of interval.                                                                                                                                                                                                                                                                                                                   |
| K-12-0433 | 88.38  | 98.00  | FLT   | 100       |       |           |      |      |      |            | grey        |                   | Fault with matrix supported flt bx with increasing clast size until it becomes gg. Saccaroidal qtzt (previously a vn?). Some competent unaltered/unfractured qtzt fragments at ~91.25m (do not look like the belong in this box). End of interval is rubbly qtzt. Throughout unit there is minor oxidation alteration on fracture surfaces on rubbly qtzt and in patchy within the gouge. |
| K-12-0433 | 98.00  | 102.95 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Light grey. Qtzt as stringers and as sweats. Limonite as alteration on fracture surfaces and minor alt within rock. Rubbly and significant core loss.                                                                                                                                                                                                                                     |
| K-12-0433 | 102.95 | 104.89 | GSCH  | 100       |       |           |      |      |      |            | dark grey   |                   | Limonite on fracture surfaces and within sweats. Rubbly and Qtzt rich nearing bottom of unit.                                                                                                                                                                                                                                                                                             |
| K-12-0433 | 104.89 | 106.35 | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 106.35 | 107.46 | FLT   | 100       |       |           |      |      |      |            | white       |                   | Rubbly qtzt to a vn of saccaroidal to puggy qtzt. To qtzt pebbles supported by limonitic flt gouge.                                                                                                                                                                                                                                                                                       |
| K-12-0433 | 107.46 | 107.97 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Qtzt stringers (thin) with mnox and limonite on fracture surfaces. Trace tarnished goethite on fracture surfaces as alteration. Competent.                                                                                                                                                                                                                                                |
| K-12-0433 | 107.97 | 108.57 | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                                                           |
| K-12-0433 | 108.57 | 110.32 | FLT   | 100       |       |           |      |      |      |            | light grey  |                   | Grey to beige (white with limonite alteration) flt gouge with sand to pebble 'clasts' of qtzt and qtzt. Sparse remnants of graphitic laminations within some clasts.                                                                                                                                                                                                                      |
| K-12-0433 | 110.32 | 113.78 | QTZT  | 100       |       |           |      |      |      |            |             |                   | Minor FeOx and trace MnOx on fracture surfaces and within sparse vugs. Trace disseminated py. Sparse meta qtzt and abundant qtzt stringers. Sparse thin beds of ssch (<5cm). Unit is silified in varying amounts (weak to moderate).                                                                                                                                                      |
| K-12-0433 | 113.78 | 118.00 | SSCH  | 10        | QTZT  | 90        |      |      |      |            | light grey  |                   | Interbedded qtzt with minor thin ssch beds. FeOx, minor MnOx and trace goethite as alteration on fracture surfaces. Unit is silicified increasingly towards gnst sill. Sparse meta qtzt. Qtzt stringers contain abundant carbonate. Rubbly/sandy interval at 116.38m from heavy MnOx, minor FeOx, and trace goethite. Trace sd (oxidized) within qtzt stringers.                          |
| K-12-0433 | 118.00 | 122.33 | GNST  | 100       |       |           |      |      |      |            | green       |                   | Light green with calcite blebs and stringers. Qtzt vnls and stringers containing blebs of carbonate. FeOx and minor MnOx on fracture surfaces. PA alignments varies/undulates for majority of unit.                                                                                                                                                                                       |
| K-12-0433 | 122.33 | 124.11 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Qtzt stringers throughout. Oxidation on fracture surfaces and str/vnl vugs which increases in oxidation and fracture intensity downhole.                                                                                                                                                                                                                                                  |
| K-12-0433 | 124.11 | 124.70 | QTZT  | 100       | BX    |           |      |      |      |            | light grey  |                   | Qtzt crackle breccia healed by limonitic qtzt. Newer fractures have coating of limonite. One small stringer of black, very fine grained mineral (sph? Sd? -ox)                                                                                                                                                                                                                            |
| K-12-0433 | 124.70 | 128.08 | SSCH  | 20        | QTZT  | 80        |      |      |      |            | light grey  |                   | Interbedded qtzt with minor ssch. Sparse intercalated graphitic fns. Qtzt stringers and sweats throughout. FeOx and minor MnOx. Sparse tarnished goethite on fracture surfaces with the ox. One calcareous bed containing a cal stringer with the inside replaced with fine grained py which has been folded.                                                                             |
| K-12-0433 | 128.08 | 128.55 | QTZT  | 100       | SM    |           |      |      |      |            |             |                   | Light grey qtzt with sd stringers (~5%). FeOx and MnOx on fracture surfaces and altering the sd to a dark brown/black. Some fracturing.                                                                                                                                                                                                                                                   |

## Lithology

| Hole      | From m | To m   | Lith1 | Lith1 Pct | Lith2 | Lith2 Pct | Mod1 | Mod2 | Mod3 | Grain Size | Colour      | Bedding Thickness | Comments                                                                                                                                                                                                                                                                                                                                        |
|-----------|--------|--------|-------|-----------|-------|-----------|------|------|------|------------|-------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 128.55 | 133.22 | SSCH  | 25        | QTZT  | 75        |      |      |      |            |             |                   | Interbedded qtzt and minor ssch. Qtz sweats. Area of fracturing at 131.83m which has almost made a crackle breccia. Varying ratios of FeOx and MnOx on fracture surfaces with trace goethite on some.                                                                                                                                           |
| K-12-0433 | 133.22 | 133.36 | GNST  | 100       |       |           |      |      |      |            |             |                   | Heavily oxidized (Mn and Fe), brown, one qtz sweat with carbonates.                                                                                                                                                                                                                                                                             |
| K-12-0433 | 133.36 | 133.95 | NR    | 100       |       |           |      |      |      |            |             |                   |                                                                                                                                                                                                                                                                                                                                                 |
| K-12-0433 | 133.95 | 134.58 | VM    | 100       | BX    |           |      |      |      |            | dark brown  |                   | Mineralized structure. Two stages of brecciation in a chaotic hydrothermal breccia. One producing rounded <3cm clasts of sd (first 30cm) another forming angular clasts up to 4cm of qtzt/gnst overtop of the rounded/brecciated sd (remainder of unit) which grades into a qrzt crackle breccia. All of the interval is highly oxidized.       |
| K-12-0433 | 134.58 | 135.63 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Light grey qtzt with intercalated graphitic fns. Qtz sweats. Silicified (increases towards gnst). Limonitic alteration permeating into rock from fracture surfaces.                                                                                                                                                                             |
| K-12-0433 | 135.63 | 149.99 | GNST  | 100       |       |           | c    |      |      |            | green       |                   | Light forest green, clay rich. Meta qtz with blebs of cal throughout. Cal stringers and flecks throughout which increase downhole. FeOx on fracture surfaces.                                                                                                                                                                                   |
| K-12-0433 | 149.99 | 153.53 | SSCH  | 100       |       |           | chl  |      |      |            | green       |                   | Clay and chlorite rich ssch. Qtz sweats with cal blebs prolific. FeOx on fracture surfaces and intercalated within some fns.                                                                                                                                                                                                                    |
| K-12-0433 | 153.53 | 156.27 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Abundant meta qtz with calc blebs. Thin bed of qtzt rich gsch. FeOx within fractures and small vugs created by leached calc fns.                                                                                                                                                                                                                |
| K-12-0433 | 156.27 | 160.96 | SSCH  | 40        | GSCH  | 60        | c    |      |      |            | green-grey  |                   | Calcareous intercalated ssch and gsch. Abundant medium to coarse grained disseminated py replacing cal within meta qtz. FeOx on fracture surfaces as well as within vugs within qtz sweats.                                                                                                                                                     |
| K-12-0433 | 160.96 | 174.45 | GSCH  | 100       |       |           | c    | tnb  |      |            | medium grey |                   | Qtzt rich gsch (ICQS), hard, thin laminations of graphite. Qtz sweats with calcite abundant. Medium grained py replacing cal within the thin sweats. Vugs within the meta qtz (leached cal?). Fliding evident (see struct log). Weak ox on fracture surfaces and within vugs. Some sparse qtz vnits. Rock breaks 50% with fn and 50% across fn. |
| K-12-0433 | 174.45 | 177.27 | QTZT  | 100       |       |           | c    |      |      |            | light grey  |                   | Calcareous beds of qtzt up to 3cm scattered through unit. Qtzt sweats with cal blebs near thin intercalated gsch beds. Weak FeOx on some fracture surfaces and within small vugs in meta qtz.                                                                                                                                                   |
| K-12-0433 | 177.27 | 181.86 | SSCH  | 50        | GSCH  | 50        | c    |      |      |            | green-grey  |                   | Intercalated ssch and gsch with meta py. Meta qtz contains cal blebs. FeOx weak on fractures and within pores.                                                                                                                                                                                                                                  |
| K-12-0433 | 181.86 | 183.64 | QTZT  | 100       |       |           | c    |      |      |            | light grey  |                   | Some thin beds of gsch with meta qtz and py. Thin calc beds. FeOx weak on fracture surfaces.                                                                                                                                                                                                                                                    |
| K-12-0433 | 183.64 | 185.42 | GSCH  | 100       |       |           | c    |      |      |            | medium grey |                   | Calcareous fns intercalated. Meta qtz and trace meta py. Interval is mica rich at head (musc?) within graphitic laminations. Evidence of fliding (see struct log).                                                                                                                                                                              |
| K-12-0433 | 185.42 | 188.62 | QTZT  | 50        | GSCH  | 50        | c    | tnb  |      |            | light grey  |                   | Intercalated gsch and qtzt. Evidence of fliding (see struct log). Calcareous beds. Qtz as sweats and as vnits with calc blebs. Meta qtz within gsch beds. Trace ox on fracture surfaces.                                                                                                                                                        |
| K-12-0433 | 188.62 | 189.88 | FLT   | 100       | GSCH  |           |      |      |      |            | dark grey   |                   | Gougy gsch with sparse competent pieces of qtzt showing qtz sweats. Trace oxidation.                                                                                                                                                                                                                                                            |
| K-12-0433 | 189.88 | 199.23 | QTZT  | 70        | GSCH  | 30        | tnb  |      |      |            | light grey  |                   | Intercalated thin beds of gsch and qtzt. Qtz sweats and stringers with calc blebs. Some thin meta qtz is vuggy and filled with FeOx. FeOx on fracture surfaces. Decrease of gsch within qtzt proceeding downhole.                                                                                                                               |
| K-12-0433 | 199.23 | 202.74 | GSCH  | 100       |       |           |      |      |      |            | medium grey |                   | Qtz sweats abundant. One 30cm qtzt vn at 199.5m. Cal blebs within qtzt. Trace meta py. FeOx on fracture surfaces.                                                                                                                                                                                                                               |
| K-12-0433 | 202.74 | 204.52 | QTZT  | 100       |       |           |      |      |      |            | light grey  |                   | Qtz stringers and vnits sparse. Thin qtz sweats. Calc blebs within qtzt. Ox on fracture surfaces. Sparse gsch fns towards end of interval.                                                                                                                                                                                                      |
| K-12-0433 | 204.52 | 205.46 | FLT   | 100       |       |           |      |      |      |            | light grey  |                   | Heavily fractured/crumby qtzt/qtz on outside with puggy/saccoidal qtz (vn?) in the center of the interval. sparse oxidation.                                                                                                                                                                                                                    |
| K-12-0433 | 205.46 | 210.71 | QTZT  | 100       |       |           | c    |      |      |            | light grey  |                   | Qtz sweats and stringers with cal belbs, some being replaced by medium grained py. Rubbly (angular, from fractures) from 206.8-209m with one small (10cm) gougy flt -209.60m. Graphitic qtzt bed at 209m. Mn and Fe ox on some fracture surfaces. Sparse calc beds <5cm.                                                                        |
| K-12-0433 | 210.71 | 211.00 | VN    | 100       |       |           |      |      |      |            | white       |                   | Qtz vn with remnants of graphite caught up within. Trace blebs of carbonates.                                                                                                                                                                                                                                                                   |
| K-12-0433 | 211.00 | 212.19 | QTZT  | 100       |       |           |      |      |      |            |             |                   | Qtz stringers. Ox on fracture surfaces. Sparse <10cm gsch beds. Slickenlines on some surfaces approaching flt.                                                                                                                                                                                                                                  |
| K-12-0433 | 212.19 | 216.16 | FLT   | 100       |       |           |      |      |      |            | black       |                   | 212.19-213.75m is puggy qtzt and flt gouge with some clasts of remnant qtzt up to 1cm (rounded). 213.75-215.64m is gsch which is heavily sheared/fractured but fn can still be made out. Fn is variable. 215.64-216.16m returns to flt gouge with puggy qtzt. Last 10cm of hole is competent qtzt with a slicken line.                          |

## Stratigraphy

| Hole      | From m | To m   | Strat | Avg Alpha | True Thickness | Comments    |
|-----------|--------|--------|-------|-----------|----------------|-------------|
| K-12-0433 | 0.00   | 13.55  | Qs    |           |                |             |
| K-12-0433 | 13.55  | 14.74  | TRgn  |           |                |             |
| K-12-0433 | 14.74  | 19.78  | MKq   | 36        | 2.96           |             |
| K-12-0433 | 19.78  | 23.18  | MKq   | 40        | 2.19           |             |
| K-12-0433 | 23.18  | 26.00  | FLT   |           |                |             |
| K-12-0433 | 26.00  | 28.96  | MKq   | 40        | 1.90           |             |
| K-12-0433 | 28.96  | 33.16  | MKq   | 32        | 2.23           |             |
| K-12-0433 | 33.16  | 34.67  | TRgn  | 29        | 0.73           |             |
| K-12-0433 | 34.67  | 35.69  | MKs   | 36        | 0.60           |             |
| K-12-0433 | 35.69  | 36.22  | TRgn  | 40        | 0.34           |             |
| K-12-0433 | 36.22  | 37.62  | MKs   | 34        | 0.78           |             |
| K-12-0433 | 37.62  | 41.66  | MKq   | 29        | 1.96           |             |
| K-12-0433 | 41.66  | 43.87  | MKq   | 29        | 1.07           |             |
| K-12-0433 | 43.87  | 44.29  | MKs   |           |                |             |
| K-12-0433 | 44.29  | 47.42  | MKq   | 35        | 1.80           |             |
| K-12-0433 | 47.42  | 48.42  | MKs   | 30        | 0.50           |             |
| K-12-0433 | 48.42  | 50.00  | MKq   | 30        | 0.79           |             |
| K-12-0433 | 50.00  | 51.56  | NR    |           |                |             |
| K-12-0433 | 51.56  | 53.00  | MKq   | 5         | 0.13           |             |
| K-12-0433 | 53.00  | 53.83  | NR    | 28        | 0.39           |             |
| K-12-0433 | 53.83  | 56.83  | MKq   | 35        | 1.72           | Maybe Degu. |
| K-12-0433 | 56.83  | 57.45  | NR    |           |                |             |
| K-12-0433 | 57.45  | 57.62  | MKq   |           |                |             |
| K-12-0433 | 57.62  | 58.32  | NR    |           |                |             |
| K-12-0433 | 58.32  | 59.59  | MKq   | 35        | 0.73           | Maybe Degu. |
| K-12-0433 | 59.59  | 60.48  | NR    |           |                |             |
| K-12-0433 | 60.48  | 60.82  | MKs   |           |                |             |
| K-12-0433 | 60.82  | 66.11  | TRgn  |           |                |             |
| K-12-0433 | 66.11  | 66.74  | MKs   |           |                |             |
| K-12-0433 | 66.74  | 69.83  | MKq   |           |                |             |
| K-12-0433 | 69.83  | 70.52  | NR    |           |                |             |
| K-12-0433 | 70.52  | 72.52  | MKq   |           |                |             |
| K-12-0433 | 72.52  | 74.22  | MKq   |           |                |             |
| K-12-0433 | 74.22  | 75.67  | NR    |           |                |             |
| K-12-0433 | 75.67  | 77.33  | FLT   |           |                |             |
| K-12-0433 | 77.33  | 78.88  | MKq   |           |                |             |
| K-12-0433 | 78.88  | 79.65  | NR    |           |                |             |
| K-12-0433 | 79.65  | 85.47  | FLT   |           |                |             |
| K-12-0433 | 85.47  | 86.82  | MKq   |           |                |             |
| K-12-0433 | 86.82  | 87.59  | NR    |           |                |             |
| K-12-0433 | 87.59  | 88.38  | MKq   |           |                |             |
| K-12-0433 | 88.38  | 98.00  | FLT   |           |                |             |
| K-12-0433 | 98.00  | 102.95 | MKq   | 47        | 3.62           |             |
| K-12-0433 | 102.95 | 104.89 | MKq   | 38        | 1.19           |             |
| K-12-0433 | 104.89 | 106.35 | NR    |           |                |             |
| K-12-0433 | 106.35 | 107.46 | MKq   |           |                |             |
| K-12-0433 | 107.46 | 107.97 | MKq   | 38        | 0.31           |             |
| K-12-0433 | 107.97 | 108.57 | NR    |           |                |             |
| K-12-0433 | 108.57 | 110.32 | FLT   |           |                |             |
| K-12-0433 | 110.32 | 113.78 | MKq   | 40        | 2.22           |             |
| K-12-0433 | 113.78 | 118.00 | MKq   | 34        | 2.36           |             |
| K-12-0433 | 118.00 | 122.33 | TRgn  | 40        | 2.78           |             |
| K-12-0433 | 122.33 | 124.11 | MKq   | 42        | 1.19           |             |
| K-12-0433 | 124.11 | 124.70 | MKq   |           |                |             |
| K-12-0433 | 124.70 | 128.08 | MKq   | 48        | 2.51           |             |
| K-12-0433 | 128.08 | 128.55 | MKq   | 41        | 0.31           |             |
| K-12-0433 | 128.55 | 133.22 | MKq   | 37        | 2.81           |             |
| K-12-0433 | 133.22 | 133.36 | TRgn  |           |                |             |
| K-12-0433 | 133.36 | 133.95 | NR    |           |                |             |
| K-12-0433 | 133.95 | 134.58 | VM    |           |                |             |

## Stratigraphy

| Hole      | From m | To m   | Strat | Avg Alpha | True Thickness | Comments |
|-----------|--------|--------|-------|-----------|----------------|----------|
| K-12-0433 | 134.58 | 135.63 | MKq   | 42        | 0.70           |          |
| K-12-0433 | 135.63 | 149.99 | TRgn  |           |                |          |
| K-12-0433 | 149.99 | 153.53 | MKs   | 36        | 2.08           |          |
| K-12-0433 | 153.53 | 156.27 | MKq   | 44        | 1.90           |          |
| K-12-0433 | 156.27 | 160.96 | MKs   | 37        | 2.82           |          |
| K-12-0433 | 160.96 | 174.45 | MKq   | 37        | 8.12           |          |
| K-12-0433 | 174.45 | 177.27 | MKq   | 37        | 1.70           |          |
| K-12-0433 | 177.27 | 181.86 | MKs   | 33        | 2.50           |          |
| K-12-0433 | 181.86 | 183.64 | MKq   | 34        | 1.00           |          |
| K-12-0433 | 183.64 | 185.42 | MKq   | 32        | 0.94           |          |
| K-12-0433 | 185.42 | 188.62 | MKq   | 35        | 1.84           |          |
| K-12-0433 | 188.62 | 189.88 | MKq   |           |                |          |
| K-12-0433 | 189.88 | 199.23 | MKq   | 30        | 4.67           |          |
| K-12-0433 | 199.23 | 202.74 | MKq   | 33        | 1.91           |          |
| K-12-0433 | 202.74 | 204.52 | MKq   | 25        | 0.75           |          |
| K-12-0433 | 204.52 | 205.46 | FLT   |           |                |          |
| K-12-0433 | 205.46 | 210.71 | MKq   | 29        | 2.55           |          |
| K-12-0433 | 210.71 | 211.00 | MKq   |           |                |          |
| K-12-0433 | 211.00 | 212.19 | MKq   | 27        | 0.54           |          |
| K-12-0433 | 212.19 | 216.16 | FLT   |           |                |          |

| Structures |        |       |              |             |             |             |             |              |             |        |     |          |                                                                                                                             |  |
|------------|--------|-------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------|-----|----------|-----------------------------------------------------------------------------------------------------------------------------|--|
| Hole       | From m | To m  | Struct Level | Struct Code | Struct Mod1 | Struct Mod2 | Struct Mod3 | Struct Alpha | Struct Beta | Strike | Dip | Vergence | Comments                                                                                                                    |  |
| K-12-0433  | 13.70  | 13.71 |              | 1 PA        |             |             |             | 37           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 14.20  | 14.21 |              | 1 PA        |             |             |             | 30           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 14.55  | 14.81 |              | 1 FLT       |             |             |             |              |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 15.41  | 15.42 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 15.56  | 17.00 |              | 1 FLT       | gg          |             |             |              |             |        |     |          | gougy to rubbly                                                                                                             |  |
| K-12-0433  | 17.20  | 17.21 |              | 1 FN        |             |             |             | 44           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 17.82  | 17.83 |              | 1 FN        |             |             |             | 35           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 18.26  | 19.78 |              | 1 FZN       |             |             |             |              |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 18.60  | 18.61 |              | 2 FN        |             |             |             | 35           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 20.00  | 20.01 |              | 1 FN        |             |             |             | 42           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 20.52  | 20.53 |              | 1 FN        |             |             |             | 42           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 21.56  | 21.57 |              | 1 FN        |             |             |             | 33           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 21.56  | 21.57 |              | 2 STR       |             |             |             | 54           | 130         | 307    | 84  |          | Assumption of Lucky Queen reference plane. Other solution is 103/18.                                                        |  |
| K-12-0433  | 22.48  | 22.49 |              | 1 FN        |             |             |             | 41           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 23.18  | 26.00 |              | 1 FLT       |             |             |             |              |             |        |     |          | Gnst to graphitic gouge.                                                                                                    |  |
| K-12-0433  | 26.00  | 26.53 |              | 1 RZ        |             |             |             |              |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 26.70  | 26.71 |              | 1 FN        |             |             |             | 43           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 28.40  | 28.41 |              | 1 FN        |             |             |             | 38           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 29.00  | 29.01 |              | 1 FN        |             |             |             | 35           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 29.78  | 29.79 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 30.31  | 30.32 |              | 2 FN        |             |             |             | 31           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 30.73  | 31.78 |              | 1 STR       |             |             |             |              |             |        |     |          | Wisps of stringers (do not go all the way through the core) of sd, sph and trace gn. Sparsely scattered throughout interval |  |
| K-12-0433  | 31.00  | 31.01 |              | 2 FN        |             |             |             | 30           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 32.20  | 32.21 |              | 1 FN        |             |             |             | 34           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 32.57  | 32.58 |              | 1 FN        |             |             |             | 36           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 33.46  | 33.47 |              | 1 PA        |             |             |             | 32           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 34.00  | 34.01 |              | 1 FN        |             |             |             | 29           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 34.67  | 34.68 |              | 1 CT        |             |             |             | 31           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 35.00  | 35.01 |              | 1 FN        |             |             |             | 36           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 35.55  | 35.56 |              | 1 FN        |             |             |             | 40           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 35.69  | 35.70 |              | 1 CT        |             |             |             | 40           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 36.05  | 36.06 |              | 1 PA        |             |             |             | 38           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 36.59  | 36.60 |              | 1 FN        |             |             |             | 36           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 37.52  | 37.53 |              | 1 FN        |             |             |             | 33           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 38.10  | 38.11 |              | 1 FN        |             |             |             | 22           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 39.00  | 39.01 |              | 1 FN        |             |             |             | 30           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 39.35  | 39.36 |              | 1 FN        |             |             |             | 34           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 40.70  | 40.71 |              | 1 FN        |             |             |             | 26           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 41.10  | 41.11 |              | 1 FN        |             |             |             | 35           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 41.70  | 41.71 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 43.00  | 43.01 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 43.00  | 43.01 |              | 2 STR       |             |             |             | 46           | 320         | 158    | 89  |          | Sph? Reference plane used is from Lucky Queen.                                                                              |  |
| K-12-0433  | 43.50  | 43.51 |              | 1 FN        |             |             |             | 32           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 44.56  | 44.57 |              | 1 FN        |             |             |             | 36           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 44.90  | 44.91 |              | 1 FN        |             |             |             | 34           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 45.30  | 45.31 |              | 1 FN        |             |             |             | 32           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 46.10  | 46.11 |              | 1 FN        |             |             |             | 32           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 47.10  | 47.11 |              | 1 FN        |             |             |             | 39           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 47.58  | 47.59 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 47.80  | 47.81 |              | 1 FN        |             |             |             | 31           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 48.78  | 48.79 |              | 1 FN        |             |             |             | 30           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 51.56  | 53.00 |              | 1 FLT       | gg          |             |             |              |             |        |     |          | runs down core axis.Other half of core is gsch.                                                                             |  |
| K-12-0433  | 51.80  | 51.81 |              | 2 FN        |             |             |             | 5            |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 53.09  | 53.10 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 55.05  | 55.06 |              | 1 FN        |             |             |             | 29           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 55.30  | 55.31 |              | 1 FN        |             |             |             | 35           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 56.57  | 56.58 |              | 1 FN        |             |             |             | 42           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 56.57  | 56.58 |              | 2 STR       | o           |             |             | 22           | 125         | 330    | 61  |          | Sd/sph? Stringer orientation measured with LQ reference plane.2nd ambiguous solution: 014/30                                |  |
| K-12-0433  | 57.45  | 57.62 |              | 1 BR        |             |             |             |              |             |        |     |          | Qtzt clasts, matrix supported.                                                                                              |  |
| K-12-0433  | 58.75  | 58.76 |              | 1 FN        |             |             |             | 28           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 59.10  | 59.11 |              | 1 FN        |             |             |             | 40           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 59.20  | 59.21 |              | 1 FN        |             |             |             | 38           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 60.48  | 60.82 |              | 1 FLT       | go          |             |             |              |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 60.90  | 60.91 |              | 1 PA        |             |             |             | 51           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 61.60  | 61.61 |              | 1 PA        |             |             |             | 49           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 62.50  | 62.51 |              | 1 PA        |             |             |             | 36           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 63.25  | 63.26 |              | 1 PA        |             |             |             | 38           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 64.80  | 64.81 |              | 1 PA        |             |             |             | 55           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 65.40  | 65.41 |              | 1 PA        |             |             |             | 38           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 66.00  | 66.01 |              | 1 PA        |             |             |             | 34           |             |        |     |          |                                                                                                                             |  |
| K-12-0433  | 66.11  | 66.74 |              | 1 SHZ       | go          |             |             |              |             |        |     |          | Some gouge.                                                                                                                 |  |

| Structures |        |        |              |             |             |             |             |              |             |        |      |          |                                                                                                   |
|------------|--------|--------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------|------|----------|---------------------------------------------------------------------------------------------------|
| Hole       | From m | To m   | Struct Level | Struct Code | Struct Mod1 | Struct Mod2 | Struct Mod3 | Struct Alpha | Struct Beta | Strike | Dip  | Vergence | Comments                                                                                          |
| K-12-0433  | 66.74  | 98.00  |              | 1 FLT       | gg          | go          |             |              |             |        |      |          | Qtzt rubble, gg, qtz and qtzt gouge, saccroidal qtz.                                              |
| K-12-0433  |        | 98.00  |              | 1 RZ        |             |             |             |              |             |        |      |          | some competent pieces up to 15cm.                                                                 |
| K-12-0433  | 100.00 | 100.01 |              | 2 FN        |             |             |             | 47           |             |        |      |          |                                                                                                   |
| K-12-0433  | 103.70 | 103.71 |              | 1 FN        |             |             |             | 37           |             |        |      |          |                                                                                                   |
| K-12-0433  | 104.20 | 104.21 |              | 1 FN        |             |             |             | 44           |             |        |      |          |                                                                                                   |
| K-12-0433  | 104.50 | 104.51 |              | 1 FN        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 106.35 | 107.46 |              | 1 FLT       | go          |             |             |              |             |        |      |          | Rubbly to gougy.                                                                                  |
| K-12-0433  | 107.48 | 107.49 |              | 1 FN        |             |             |             | 35           |             |        |      |          |                                                                                                   |
| K-12-0433  | 107.93 | 107.94 |              | 1 FN        |             |             |             | 40           |             |        |      |          |                                                                                                   |
| K-12-0433  | 108.57 | 110.32 |              | 1 FLT       | go          |             |             |              |             |        |      |          | All gouge with some clasts of qtzt and qtz.                                                       |
| K-12-0433  | 110.70 | 110.71 |              | 1 FN        |             |             |             | 42           |             |        |      |          |                                                                                                   |
| K-12-0433  | 111.89 | 111.90 |              | 1 FN        |             |             |             | 44           |             |        |      |          |                                                                                                   |
| K-12-0433  | 113.00 | 113.01 |              | 1 FN        |             |             |             | 35           |             |        |      |          |                                                                                                   |
| K-12-0433  | 114.05 | 114.06 |              | 1 FN        |             |             |             | 32           |             |        |      |          |                                                                                                   |
| K-12-0433  | 114.05 | 114.06 |              | 2 STR       | o           |             |             | 41           | 260         | 32     | 69   |          | Other possible solution 309/70. Sd with trace sph.                                                |
| K-12-0433  | 114.65 | 114.66 |              | 1 FN        |             |             |             | 35           |             |        |      |          |                                                                                                   |
| K-12-0433  | 115.75 | 115.76 |              | 1 FN        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 116.35 | 117.12 |              | 1 FRZ       |             |             |             |              |             |        |      |          | Rubbly                                                                                            |
| K-12-0433  | 117.80 | 117.81 |              | 1 FN        |             |             |             | 35           |             |        |      |          |                                                                                                   |
| K-12-0433  | 118.20 | 118.21 |              | 1 PA        |             |             |             | 37           |             |        |      |          |                                                                                                   |
| K-12-0433  | 119.00 | 119.01 |              | 1 PA        |             |             |             | 49           |             |        |      |          |                                                                                                   |
| K-12-0433  | 119.70 | 119.71 |              | 1 FN        |             |             |             | 40           |             |        |      |          |                                                                                                   |
| K-12-0433  | 120.45 | 120.46 |              | 1 PA        |             |             |             | 46           |             |        |      |          |                                                                                                   |
| K-12-0433  | 120.75 | 122.33 |              | 1 FN        | un          |             |             |              |             |        |      |          |                                                                                                   |
| K-12-0433  | 122.50 | 122.51 |              | 1 FN        |             |             |             | 54           |             |        |      |          |                                                                                                   |
| K-12-0433  | 123.50 | 123.51 |              | 1 FN        |             |             |             | 29           |             |        |      |          |                                                                                                   |
| K-12-0433  | 124.11 | 124.70 |              | 1 BR        |             |             |             |              |             |        |      |          | crackle breccia with limoitic qtz fill                                                            |
| K-12-0433  | 124.85 | 124.86 |              | 1 FN        |             |             |             | 43           |             |        |      |          |                                                                                                   |
| K-12-0433  | 125.90 | 125.91 |              | 1 FN        |             |             |             | 48           |             |        |      |          |                                                                                                   |
| K-12-0433  | 126.78 | 126.79 |              | 1 FLD       |             |             |             | 46           |             |        |      |          | No solution found. Uses LQ as a reference plane.                                                  |
| K-12-0433  | 127.95 | 127.96 |              | 1 FN        |             |             |             | 54           |             |        |      |          |                                                                                                   |
| K-12-0433  | 128.30 | 128.31 |              | 1 FN        |             |             |             | 41           |             |        |      |          |                                                                                                   |
| K-12-0433  | 128.30 | 128.31 |              | 2 STR       | o           |             |             | 49           | 100         | 296    | 68   |          | 063/40 is the other sluton. Sd stringers with trace sph.                                          |
| K-12-0433  | 128.80 | 128.81 |              | 1 FN        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 130.20 | 130.21 |              | 1 FN        |             |             |             | 38           |             |        |      |          |                                                                                                   |
| K-12-0433  | 131.00 | 131.01 |              | 1 FN        |             |             |             | 44           |             |        |      |          |                                                                                                   |
| K-12-0433  | 131.60 | 131.61 |              | 1 FN        |             |             |             | 26           |             |        |      |          |                                                                                                   |
| K-12-0433  | 131.73 | 131.98 |              | 1 BR        |             |             |             |              |             |        |      |          | Crackle. Little to no rotation of angular clasts.                                                 |
| K-12-0433  | 132.85 | 132.86 |              | 1 FN        |             |             |             | 43           |             |        |      |          |                                                                                                   |
| K-12-0433  | 133.85 | 134.58 |              | 1 VM        | bx          |             |             |              |             |        |      |          | Hydrothermal vn bx with groundmass of sd (round clasts) and some angular clasts of qtzt and gnst. |
| K-12-0433  | 134.16 | 134.17 |              | 2 FLT       | sl          |             |             | 50           |             |        |      |          |                                                                                                   |
| K-12-0433  | 134.36 | 134.37 |              | 2 FLT       | sl          |             |             | 50           |             |        |      |          |                                                                                                   |
| K-12-0433  | 134.90 | 134.91 |              | 1 FN        |             |             |             | 41           |             |        |      |          |                                                                                                   |
| K-12-0433  | 134.90 | 134.91 |              | 2 STR       | o           |             |             | 44           | 85          | 295    | 56   |          | Other solution is 051/50. LK reference plane. Sd/sph str                                          |
| K-12-0433  | 135.50 | 135.51 |              | 1 FN        |             |             |             | 42           |             |        |      |          |                                                                                                   |
| K-12-0433  | 135.50 | 135.51 |              | 2 STR       | o           |             |             | 46           | 120         | 310    | 77   |          | Reference plane is LQ. Stringer is sd/sph. Other solution is 066/27.                              |
| K-12-0433  | 136.00 | 136.01 |              | 1 PA        |             |             |             | 39           |             |        |      |          |                                                                                                   |
| K-12-0433  | 137.20 | 137.21 |              | 1 PA        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 138.00 | 138.01 |              | 1 PA        |             |             |             | 45           |             |        |      |          |                                                                                                   |
| K-12-0433  | 139.16 | 139.17 |              | 1 PA        |             |             |             | 38           |             |        |      |          |                                                                                                   |
| K-12-0433  | 140.00 | 140.01 |              | 1 PA        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 141.10 | 141.11 |              | 1 PA        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 142.00 | 142.01 |              | 1 PA        |             |             |             | 37           |             |        |      |          |                                                                                                   |
| K-12-0433  | 143.00 | 143.01 |              | 1 PA        |             |             |             | 36           |             |        |      |          |                                                                                                   |
| K-12-0433  | 144.00 | 144.01 |              | 1 PA        |             |             |             | 33           |             |        |      |          |                                                                                                   |
| K-12-0433  | 144.50 | 144.51 |              | 1 PA        |             |             |             | 38           |             |        |      |          |                                                                                                   |
| K-12-0433  | 145.00 | 145.01 |              | 1 PA        |             |             |             | 33           |             |        |      |          |                                                                                                   |
| K-12-0433  | 146.00 | 146.01 |              | 1 PA        |             |             |             | 37           |             |        |      |          |                                                                                                   |
| K-12-0433  | 147.00 | 147.01 |              | 1 PA        |             |             |             | 42           |             |        |      |          |                                                                                                   |
| K-12-0433  | 150.50 | 150.51 |              | 1 FN        |             |             |             | 34           |             |        |      |          |                                                                                                   |
| K-12-0433  | 151.40 | 151.41 |              | 1 FN        |             |             |             | 38           |             |        |      |          |                                                                                                   |
| K-12-0433  | 152.35 | 152.36 |              | 1 FN        |             |             |             | 36           |             |        |      |          |                                                                                                   |
| K-12-0433  | 153.00 | 153.01 |              | 1 FN        |             |             |             | 36           |             |        |      |          |                                                                                                   |
| K-12-0433  | 153.64 | 153.65 |              | 1 FN        |             |             |             | 48           |             |        |      |          |                                                                                                   |
| K-12-0433  | 154.77 | 154.78 |              | 1 FN        |             |             |             | 46           |             |        |      |          |                                                                                                   |
| K-12-0433  | 155.10 | 155.11 |              | 1 FN        |             |             |             | 38           |             |        |      |          |                                                                                                   |
| K-12-0433  | 155.75 | 155.76 |              | 1 FN        |             |             |             | 43           |             |        |      |          |                                                                                                   |
| K-12-0433  | 156.40 | 156.41 |              | 1 FN        |             |             |             | 39           |             |        |      |          |                                                                                                   |
| K-12-0433  | 158.00 | 158.01 |              | 1 FN        |             |             |             | 36           |             |        |      |          |                                                                                                   |
| K-12-0433  | 158.29 | 158.30 |              | 1 FLD       |             |             |             | 39           |             | 276    | 42 n |          |                                                                                                   |
| K-12-0433  | 158.63 | 158.84 |              | 1 VN        | n           |             |             |              |             |        |      |          | qtz vn following fn                                                                               |
| K-12-0433  | 159.31 | 159.32 |              | 1 FN        |             |             |             | 36           |             |        |      |          |                                                                                                   |

| Structures |        |        |              |             |             |             |             |              |             |        |             |          |                                 |
|------------|--------|--------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------|-------------|----------|---------------------------------|
| Hole       | From m | To m   | Struct Level | Struct Code | Struct Mod1 | Struct Mod2 | Struct Mod3 | Struct Alpha | Struct Beta | Strike | Dip         | Vergence | Comments                        |
| K-12-0433  | 159.98 | 159.99 | 1            | FLD         |             |             |             |              |             | 276    | 46.79999924 | n        |                                 |
| K-12-0433  | 161.00 | 161.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 162.00 | 162.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 162.50 | 162.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 163.00 | 163.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 164.00 | 164.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 164.10 | 164.11 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 165.00 | 165.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 166.30 | 166.31 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 167.00 | 167.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 168.16 | 168.17 | 1            | FLD         |             |             |             |              |             | 276    | 52.59999847 | n        |                                 |
| K-12-0433  | 170.00 | 170.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 170.52 | 170.53 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 171.27 | 171.28 | 1            | FLD         |             |             |             |              |             | 276    | 55.90000153 | n        |                                 |
| K-12-0433  | 172.05 | 172.06 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 173.40 | 173.41 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 174.00 | 174.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 175.00 | 175.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 176.00 | 176.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 177.20 | 177.21 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 177.50 | 177.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 178.45 | 178.46 | 1            | PA          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 179.00 | 179.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 179.50 | 179.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 181.00 | 181.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 182.00 | 182.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 182.50 | 182.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 183.64 | 183.65 | 1            | CT          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 184.50 | 184.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 185.15 | 185.16 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 186.60 | 186.61 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 186.50 | 186.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 188.00 | 188.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 188.62 | 188.88 | 1            | FLT         | gg          |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 190.00 | 190.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 190.40 | 190.41 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 191.00 | 191.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 191.53 | 191.54 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 192.50 | 192.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 193.37 | 193.38 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 194.20 | 194.21 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 194.40 | 194.41 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 195.05 | 195.46 | 1            | VN          | n           |             |             |              |             |        |             |          | gtz vn                          |
| K-12-0433  | 196.00 | 196.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 197.00 | 197.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 197.50 | 197.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 198.30 | 198.31 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 199.51 | 199.95 | 1            | VN          | n           |             |             |              |             |        |             |          | gtz                             |
| K-12-0433  | 200.10 | 200.11 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 200.70 | 200.71 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 201.50 | 201.51 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 202.74 | 202.75 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 203.10 | 203.11 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 204.40 | 204.41 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 204.52 | 205.46 | 1            | FLT         | go          |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 205.90 | 206.91 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 206.40 | 206.41 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 206.75 | 206.76 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 206.80 | 209.00 | 1            | RZ          |             |             |             |              |             |        |             |          | Angular. Because of fracturing? |
| K-12-0433  | 209.15 | 209.16 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 210.00 | 210.01 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 210.71 | 211.00 | 1            | VN          | n           |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 211.35 | 211.36 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 211.80 | 211.81 | 1            | FN          |             |             |             |              |             |        |             |          |                                 |
| K-12-0433  | 212.19 | 216.16 | 1            | FLT         | go          | gg          |             |              |             |        |             |          |                                 |

## Mineralogy

| Hole      | From m | To m  | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|-------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0433 | 13.55  | 14.74 | 1.11       | 1              |                 |         |             |          |         |             |         |             |          |            | 5.00        |          |
| K-12-0433 | 14.74  | 15.56 | 0.73       | 1              | 1               |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 15.56  | 17.00 | 0.36       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 17.00  | 18.26 | 1.21       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 18.26  | 19.78 | 0.76       | 1              |                 |         |             | 3.00     |         |             |         |             | 0.50     |            |             |          |
| K-12-0433 | 19.78  | 21.48 | 1.68       | 2              | 1               |         |             |          |         |             |         |             | 1.00     |            |             |          |
| K-12-0433 | 21.48  | 22.28 | 0.48       | 3              | 2               |         |             |          |         |             |         |             |          | 0.10       |             |          |
| K-12-0433 | 22.28  | 23.18 | 0.90       | 2              |                 |         |             |          |         |             |         |             | 3.00     |            |             |          |
| K-12-0433 | 23.18  | 26.00 | 1.10       | 2              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 26.00  | 27.86 | 0.48       | 2              | 1               |         |             | 0.10     |         |             |         |             |          |            |             |          |
| K-12-0433 | 27.86  | 28.96 | 1.03       | 2              | 1               |         |             |          |         |             |         |             | 1.00     |            |             |          |
| K-12-0433 | 28.96  | 30.73 | 1.27       | 3              | 2               |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 30.73  | 31.78 | 1.05       | 2              | 1               |         |             |          |         |             |         |             | 0.50     | 0.50       |             |          |
| K-12-0433 | 31.78  | 33.16 | 1.38       | 3              | 1               |         |             |          |         |             |         |             | 3.00     |            |             | 0.01     |
| K-12-0433 | 33.16  | 34.67 | 1.38       | 2              | 1               |         |             |          |         |             |         |             |          |            | 1.00        |          |
| K-12-0433 | 34.67  | 35.69 | 1.02       | 3              | 2               |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 35.69  | 36.22 | 0.53       | 2              | 1               |         |             |          |         |             |         |             |          |            | 0.50        |          |
| K-12-0433 | 36.22  | 37.62 | 1.11       | 3              | 1               |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 37.62  | 38.00 | 0.38       | 3              | 3               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 38.00  | 39.26 | 1.22       | 3              | 2               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 39.26  | 41.00 | 0.86       | 3              | 2               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 41.00  | 41.66 | 0.66       | 3              | 3               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 41.66  | 42.97 | 1.00       | 4              | 3               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 42.97  | 43.87 | 0.90       | 4              | 3               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 43.87  | 44.29 | 0.36       | 2              | 1               |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 44.29  | 45.28 | 0.95       | 2              | 2               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 45.28  | 47.42 | 1.96       | 1              |                 |         |             | 1.00     |         |             |         |             | 5.00     |            |             |          |
| K-12-0433 | 47.42  | 48.42 | 0.98       | 2              | 1               |         |             | 20.00    |         |             |         |             |          |            |             |          |
| K-12-0433 | 48.42  | 50.00 | 0.76       | 3              | 2               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 50.00  | 51.56 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 51.56  | 53.00 | 1.44       | 1              |                 |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0433 | 53.00  | 53.83 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 53.83  | 55.12 | 1.29       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 55.12  | 56.24 | 1.02       | 1              |                 |         |             | 2.00     |         |             |         |             | 1.00     |            |             |          |
| K-12-0433 | 56.24  | 56.83 | 0.58       | 1              | 2               |         |             |          |         |             |         |             |          | 0.10       |             |          |
| K-12-0433 | 56.83  | 57.45 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 57.45  | 57.62 | 0.17       | 4              |                 |         |             |          |         |             |         |             | 15.00    |            |             |          |
| K-12-0433 | 57.62  | 58.32 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 58.32  | 59.00 | 0.68       | 2              |                 |         |             | 10.00    |         |             |         |             | 0.50     |            |             |          |
| K-12-0433 | 59.00  | 59.59 | 0.59       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 59.59  | 60.48 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 60.48  | 60.82 | 0.34       | 1              |                 |         |             | 0.50     |         |             |         |             |          |            |             |          |
| K-12-0433 | 60.82  | 62.00 | 1.16       | 1              |                 |         |             |          |         |             |         |             |          |            | 1.00        |          |

## Mineralogy

| Hole      | From m | To m  | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|-------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0433 | 13.55  | 14.74 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 14.74  | 15.56 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 15.56  | 17.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 17.00  | 18.26 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 18.26  | 19.78 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 19.78  | 21.48 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 21.48  | 22.28 |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 22.28  | 23.18 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 23.18  | 26.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 26.00  | 27.86 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 27.86  | 28.96 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 28.96  | 30.73 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 30.73  | 31.78 |              | 0.01     | 0.05         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 31.78  | 33.16 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 33.16  | 34.67 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 34.67  | 35.69 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 35.69  | 36.22 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 36.22  | 37.62 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 37.62  | 38.00 |              |          | 0.05         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 38.00  | 39.26 |              |          | 0.05         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 39.26  | 41.00 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 41.00  | 41.66 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 41.66  | 42.97 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 42.97  | 43.87 |              |          | 0.10         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 43.87  | 44.29 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 44.29  | 45.28 |              | 0.01     | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 45.28  | 47.42 |              |          | 0.05         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 47.42  | 48.42 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 48.42  | 50.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 50.00  | 51.56 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 51.56  | 53.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 53.00  | 53.83 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 53.83  | 55.12 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 55.12  | 56.24 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 56.24  | 56.83 |              |          | 0.05         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 56.83  | 57.45 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 57.45  | 57.62 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 57.62  | 58.32 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 58.32  | 59.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 59.00  | 59.59 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 59.59  | 60.48 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 60.48  | 60.82 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 60.82  | 62.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

## Mineralogy

| Hole      | From m | To m  | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                                                                                                                                                               |
|-----------|--------|-------|-------------------|--------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 13.55  | 14.74 |                   |              |            | Calcite blebs following fn. Mild Fe and Mn Ox on fracture surfaces.                                                                                                                                                                    |
| K-12-0433 | 14.74  | 15.56 |                   |              |            | Qtz sweats. Fe and Mn Ox on fracture surfaces.                                                                                                                                                                                         |
| K-12-0433 | 15.56  | 17.00 |                   |              |            | Sparse Qtz sweats. FeOx on fracture surfaces.                                                                                                                                                                                          |
| K-12-0433 | 17.00  | 18.26 |                   |              |            | Qtz sweats. Limonite on fracture surfaces. Dissolved ox stains rocks yellow when dissolved in acid.                                                                                                                                    |
| K-12-0433 | 18.26  | 19.78 |                   |              |            | Qtz sweats. Remnants of qtz stringers in qtz fragments. FeOx on fracture surfaces.                                                                                                                                                     |
| K-12-0433 | 19.78  | 21.48 |                   |              |            | Cal stringers. Fe and Mn Ox on fracture surfaces.                                                                                                                                                                                      |
| K-12-0433 | 21.48  | 22.28 |                   |              |            | Heavy oxidation by limonite and moderate MnOx filling leached rock from fractures (old calc bed?). Sparse dark red-brown mineral as stringers (no odor from HCl, fine grained) accompanied by beige mineral (sd?).                     |
| K-12-0433 | 22.28  | 23.18 |                   |              |            | Qtz stringers. Moderate limonite alteration on fracture surfaces.                                                                                                                                                                      |
| K-12-0433 | 23.18  | 26.00 |                   |              |            | Increasing FeOx towards end of interval.                                                                                                                                                                                               |
| K-12-0433 | 26.00  | 27.86 |                   |              |            | Remnants of qtz stringers within fragments. Fracture surfaces contain limonite and trace Mn wads as alteration.                                                                                                                        |
| K-12-0433 | 27.86  | 28.96 |                   |              |            | Sparse Qtz stringers. Moderate limonite and mild MnOx as well as crystalline Qtz on fracture surfaces.                                                                                                                                 |
| K-12-0433 | 28.96  | 30.73 |                   |              |            | Qtz sweats near gsch fns. Fe and MnOx as replacement on fracture surfaces. Has begun to permeate into rock giving splotchy look.                                                                                                       |
| K-12-0433 | 30.73  | 31.78 |                   |              |            | Sparse Qtz stringers. Sd strands with specks of gn and sph following along fn. Some sph (?) stringers. Fe and MnOx on fracture surfaces and permeating into the rock to make splotchy look.                                            |
| K-12-0433 | 31.78  | 33.16 |                   |              |            | Limonite and MnOx alteration on fracture surfaces and in small vugs created by leached calc beds. Trace clustered disseminated py. Sparse Qtz stringers.                                                                               |
| K-12-0433 | 33.16  | 34.67 |                   |              |            | Cal stringers following PA. Limonite and MnOx on fracture surfaces.                                                                                                                                                                    |
| K-12-0433 | 34.67  | 35.69 |                   |              |            | Qtz sweats. Limonite and Mn wads as alteration on fracture surfaces and within Qtz sweats.                                                                                                                                             |
| K-12-0433 | 35.69  | 36.22 |                   |              |            | Calcite flecks through the unit. Limonite and minor MnOx on ox surfaces.                                                                                                                                                               |
| K-12-0433 | 36.22  | 37.62 |                   |              |            | Fe and Mn ox on fractures and FeOx permeates into the rock from fractures. Sparse Qtz sweats.                                                                                                                                          |
| K-12-0433 | 37.62  | 38.00 |                   |              |            | Heavy Mn and Fe Ox permeating into rock, especially in leached calcareous beds. Strands of thin stringers of dark red-brown/black (sph?).                                                                                              |
| K-12-0433 | 38.00  | 39.26 |                   |              |            | Limonite and Mn wads heavy along fracture surfaces and moderately permeating into Qtz or ssch. Trace blebs or small strands of fine grained mineral (sph?).                                                                            |
| K-12-0433 | 39.26  | 41.00 |                   |              |            | Limonite and Mn wads heavy along fracture surfaces and moderately permeating into Qtz or ssch. Trace blebs or small strands of fine grained mineral (sph?).                                                                            |
| K-12-0433 | 41.00  | 41.66 |                   |              |            | Limonite and Mn wads heavy along fracture surfaces and moderately permeating into Qtz or ssch. Increase in intensity of alteration over porous rock (leached calc beds?). Trace blebs or small strands of fine grained mineral (sph?). |
| K-12-0433 | 41.66  | 42.97 |                   |              |            | Heavily oxidized with limonite and Mn wads. Trace black, dark brown mineral present as blebs (sph?).                                                                                                                                   |
| K-12-0433 | 42.97  | 43.87 |                   |              |            | Heavy oxidation of rock by limonite and moderately by MnOx. Dark brown-black mineral prolifically present as stringers.                                                                                                                |
| K-12-0433 | 43.87  | 44.29 |                   |              |            | Qtz sweats. Oxidation of fracture surfaces by Fe and MnOx.                                                                                                                                                                             |
| K-12-0433 | 44.29  | 45.28 |                   |              |            | Oxidation of fracture surfaces permeating into rock by Fe and MnOx. Trace strands of sph (?) and one speck of cubic gn seen.                                                                                                           |
| K-12-0433 | 45.28  | 47.42 |                   |              |            | Qtz stringers with specks of the black mineral (sph?) as well as thin stringers of this mineral. Sparse Qtz sweats. Minor FeOx.                                                                                                        |
| K-12-0433 | 47.42  | 48.42 |                   |              |            | Qtz sweats. Limonite as alteration on fracture surfaces and within vugs. Sparse Mn wads.                                                                                                                                               |
| K-12-0433 | 48.42  | 50.00 |                   |              |            | Heavy limonite and MnOx along fracture surfaces and within porous/leached calc beds.                                                                                                                                                   |
| K-12-0433 | 50.00  | 51.56 |                   |              |            | NR                                                                                                                                                                                                                                     |
| K-12-0433 | 51.56  | 53.00 |                   |              |            | Qtz sweats. Limonite within vugs and the fault..                                                                                                                                                                                       |
| K-12-0433 | 53.00  | 53.83 |                   |              |            | nr                                                                                                                                                                                                                                     |
| K-12-0433 | 53.83  | 55.12 |                   |              |            | Minor limonite alteration within sweat vugs and along fracture surfaces.                                                                                                                                                               |
| K-12-0433 | 55.12  | 56.24 |                   |              |            | Sparse Qtz sweats and stringers. FeOx along fracture surfaces.                                                                                                                                                                         |
| K-12-0433 | 56.24  | 56.83 |                   |              |            | Sd/sph stringers. Mn/Fe Ox along fractures.                                                                                                                                                                                            |
| K-12-0433 | 56.83  | 57.45 |                   |              |            | nr                                                                                                                                                                                                                                     |
| K-12-0433 | 57.45  | 57.62 |                   |              |            | Heavily oxidized by limonite. Bx healed by Qtz.                                                                                                                                                                                        |
| K-12-0433 | 57.62  | 58.32 |                   |              |            | nr                                                                                                                                                                                                                                     |
| K-12-0433 | 58.32  | 59.00 |                   |              |            | Fractures and vugs filled with limonite. Qtz sweats and stringers present.                                                                                                                                                             |
| K-12-0433 | 59.00  | 59.59 |                   |              |            | Minor ox on fracture surfaces. Qtz sweats prolific.                                                                                                                                                                                    |
| K-12-0433 | 59.59  | 60.48 |                   |              |            | nr                                                                                                                                                                                                                                     |
| K-12-0433 | 60.48  | 60.82 |                   |              |            | Ox on fragments. Remnants of Qtz sweats.                                                                                                                                                                                               |
| K-12-0433 | 60.82  | 62.00 |                   |              |            | Cal stringers and blebs. FeOx on fracture surfaces.                                                                                                                                                                                    |

## Mineralogy

| Hole      | From m | To m   | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|--------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0433 | 62.00  | 63.51  | 1.51       | 1              |                 |         |             |          |         |             |         |             |          |            | 2.00        |          |
| K-12-0433 | 63.51  | 65.00  | 1.27       | 2              |                 |         |             |          |         |             |         |             |          |            | 0.50        |          |
| K-12-0433 | 65.00  | 66.11  | 1.11       | 2              | 1               |         |             |          |         |             |         |             |          |            | 0.10        |          |
| K-12-0433 | 66.11  | 66.74  | 0.31       | 3              | 2               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 66.74  | 68.00  | 0.72       | 2              |                 |         |             | 0.10     |         |             |         |             |          |            |             |          |
| K-12-0433 | 68.00  | 69.83  | 1.72       | 2              | 1               |         |             |          |         |             |         |             | 1.00     |            |             |          |
| K-12-0433 | 69.83  | 70.52  | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 70.52  | 71.00  | 0.38       | 1              |                 |         |             |          |         |             |         |             | 30.00    |            |             |          |
| K-12-0433 | 71.00  | 71.73  | 0.53       | 1              |                 |         |             |          |         |             |         |             | 40.00    |            |             |          |
| K-12-0433 | 71.73  | 72.52  | 0.42       | 4              |                 |         |             |          |         |             |         |             | 15.00    |            |             |          |
| K-12-0433 | 72.52  | 74.22  | 1.48       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 74.22  | 75.67  | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 75.67  | 77.33  | 1.26       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 77.33  | 78.88  | 1.04       | 1              |                 |         |             |          |         |             |         |             | 5.00     |            |             |          |
| K-12-0433 | 78.88  | 79.65  | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 79.65  | 80.00  | 0.35       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 80.00  | 81.88  | 1.23       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 81.88  | 83.00  | 0.74       | 2              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 83.00  | 85.47  | 1.23       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 85.47  | 86.82  | 1.27       | 1              |                 |         |             | 8.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 86.82  | 87.59  | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 87.59  | 88.38  | 0.67       | 1              |                 |         |             | 0.50     |         |             |         |             | 2.00     |            |             |          |
| K-12-0433 | 88.38  | 89.00  | 0.42       | 1              |                 |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 89.00  | 92.00  | 1.79       |                |                 |         |             |          |         |             |         |             | 50.00    |            |             |          |
| K-12-0433 | 92.00  | 95.00  | 0.68       | 1              |                 |         |             |          |         |             |         |             | 60.00    |            |             |          |
| K-12-0433 | 95.00  | 98.00  | 0.81       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 98.00  | 101.00 | 0.74       | 2              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 101.00 | 102.95 | 0.58       | 2              |                 |         |             | 2.00     |         |             |         |             | 3.00     |            |             |          |
| K-12-0433 | 102.95 | 104.89 | 1.33       | 1              |                 |         |             | 5.00     | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 104.89 | 106.35 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 106.35 | 107.46 | 0.59       | 2              |                 |         |             | 1.00     |         |             |         |             | 40.00    |            |             |          |
| K-12-0433 | 107.46 | 107.97 | 0.48       | 2              |                 | goe     | 0.01        | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 107.97 | 108.57 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 108.57 | 110.32 | 1.15       | 2              |                 |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0433 | 110.32 | 111.89 | 1.57       | 2              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0433 | 111.89 | 113.78 | 1.83       | 1              |                 |         |             | 2.00     |         |             |         |             | 2.00     |            |             |          |
| K-12-0433 | 113.78 | 116.00 | 1.76       | 2              | 1               | goe     | 0.01        | 3.00     |         |             |         |             |          | 0.50       |             |          |
| K-12-0433 | 116.00 | 118.00 | 1.76       | 2              | 1               | goe     | 0.01        | 0.50     |         |             |         |             | 10.00    |            |             |          |
| K-12-0433 | 118.00 | 119.45 | 1.30       | 2              | 1               | goe     | 0.01        |          |         |             |         |             | 20.00    |            | 0.10        |          |
| K-12-0433 | 119.45 | 120.75 | 1.30       | 2              |                 |         |             |          |         |             |         |             | 20.00    |            | 0.05        |          |
| K-12-0433 | 120.75 | 122.33 | 1.58       | 2              |                 |         |             |          |         |             |         |             | 20.00    |            | 0.05        |          |
| K-12-0433 | 122.33 | 124.11 | 1.78       | 3              | 1               |         |             | 0.10     |         |             |         |             | 2.00     |            |             |          |
| K-12-0433 | 124.11 | 124.70 | 0.30       | 3              |                 |         |             |          |         |             |         |             | 1.00     |            |             |          |
| K-12-0433 | 124.70 | 126.29 | 1.56       | 2              | 1               | goe     | 0.01        | 5.00     |         |             |         |             | 2.00     |            |             |          |
| K-12-0433 | 126.29 | 128.08 | 1.62       | 2              | 1               | goe     | 0.01        | 0.10     |         |             |         |             | 0.10     |            | 2.00        |          |
| K-12-0433 | 128.08 | 128.55 | 0.43       | 1              | 1               | goe     | 0.01        |          |         |             |         |             |          | 5.00       |             |          |
| K-12-0433 | 128.55 | 130.32 | 1.49       | 1              | 1               | goe     | 0.01        |          |         |             |         |             | 0.50     | 0.01       |             |          |
| K-12-0433 | 130.32 | 131.73 | 1.41       | 1              | 1               | goe     | 0.01        | 0.50     |         |             |         |             |          |            |             |          |
| K-12-0433 | 131.73 | 132.97 | 1.24       | 2              | 1               |         |             |          |         |             |         |             | 20.00    |            |             |          |
| K-12-0433 | 132.97 | 133.22 | 0.25       | 2              | 1               |         |             |          |         |             |         |             | 2.00     | 0.05       |             |          |
| K-12-0433 | 133.22 | 133.36 | 0.14       | 3              | 2               |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0433 | 133.36 | 133.95 | 0.00       |                |                 |         |             |          |         |             |         |             |          |            |             |          |

## Mineralogy

| Hole      | From m | To m   | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|--------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0433 | 62.00  | 63.51  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 63.51  | 65.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 65.00  | 66.11  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 66.11  | 66.74  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 66.74  | 68.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 68.00  | 69.83  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 69.83  | 70.52  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 70.52  | 71.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 71.00  | 71.73  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 71.73  | 72.52  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 72.52  | 74.22  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 74.22  | 75.67  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 75.67  | 77.33  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 77.33  | 78.88  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 78.88  | 79.65  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 79.65  | 80.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 80.00  | 81.88  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 81.88  | 83.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 83.00  | 85.47  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 85.47  | 86.82  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 86.82  | 87.59  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 87.59  | 88.38  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 88.38  | 89.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 89.00  | 92.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 92.00  | 95.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 95.00  | 98.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 98.00  | 101.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 101.00 | 102.95 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 102.95 | 104.89 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 104.89 | 106.35 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 106.35 | 107.46 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 107.46 | 107.97 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 107.97 | 108.57 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 108.57 | 110.32 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 110.32 | 111.89 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 111.89 | 113.78 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 113.78 | 116.00 |              |          | 0.01         |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 116.00 | 118.00 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 118.00 | 119.45 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 119.45 | 120.75 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 120.75 | 122.33 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 122.33 | 124.11 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 124.11 | 124.70 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 124.70 | 126.29 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 126.29 | 128.08 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              |                |
| K-12-0433 | 128.08 | 128.55 |              |          | 0.10         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 128.55 | 130.32 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 130.32 | 131.73 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 131.73 | 132.97 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 132.97 | 133.22 |              |          | 0.01         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 133.22 | 133.36 |              |          |              |              |                | dol     |             |         |             |          |              |          |              |                |
| K-12-0433 | 133.36 | 133.95 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

## Mineralogy

| Hole      | From m | To m   | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                                                                                       |
|-----------|--------|--------|-------------------|--------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 62.00  | 63.51  |                   |              |            | Cal stringers and blebs. FeOx on fracture surfaces.                                                                                                            |
| K-12-0433 | 63.51  | 65.00  |                   |              |            | Sparse cal stringers and blebs. Moderate ox on fracture surfaces and within the rock.                                                                          |
| K-12-0433 | 65.00  | 66.11  |                   |              |            | Ox (Mn and Fe) within rock and heavily on fracture surfaces. Sparse cal sweats.                                                                                |
| K-12-0433 | 66.11  | 66.74  |                   |              |            | Heavy Fe and moderate Mn oxidation.                                                                                                                            |
| K-12-0433 | 66.74  | 68.00  |                   |              |            | Qtz sweat remnants on fragments. FeOx on fracture surfaces.                                                                                                    |
| K-12-0433 | 68.00  | 69.83  |                   |              |            | Ox on fracture surfaces (Fe with minor Mn) with increased intensity in leached calc beds. Remnants of qtz sweats or stringers (unsure of origin since rubbly). |
| K-12-0433 | 69.83  | 70.52  |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 70.52  | 71.00  |                   |              |            | Weak ox (Fe). Saccaroidal qtz vn at end of interval.                                                                                                           |
| K-12-0433 | 71.00  | 71.73  |                   |              |            | Weak FeOx on fracture surfaces. Qtz vein (fractured with some gouge).                                                                                          |
| K-12-0433 | 71.73  | 72.52  |                   |              |            | Qtzt flt bx healed by limonitic altered qtz.                                                                                                                   |
| K-12-0433 | 72.52  | 74.22  |                   |              |            | Minor ox on fractured surfaces. Qtz sweats sparsely scattered.                                                                                                 |
| K-12-0433 | 74.22  | 75.67  |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 75.67  | 77.33  |                   |              |            | Qtz (unsure of origin because of flt). Minor patches of limonitic alteration.                                                                                  |
| K-12-0433 | 77.33  | 78.88  |                   |              |            | Remnants of qtz stringers. Oxidation on fracture surfaces                                                                                                      |
| K-12-0433 | 78.88  | 79.65  |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 79.65  | 80.00  |                   |              |            | Puggy qtz (unsure of origin b/c of flting) and patches of weak limonitic alteration.                                                                           |
| K-12-0433 | 80.00  | 81.88  |                   |              |            | Puggy qtz (unsure of origin b/c of flting) and patches of weak limonitic alteration.                                                                           |
| K-12-0433 | 81.88  | 83.00  |                   |              |            | Puggy qtz (unsure of origin b/c of flting) and patches of moderately limonitic alteration.                                                                     |
| K-12-0433 | 83.00  | 85.47  |                   |              |            | Saccroidal qtz (unsure of origin b/c of flting) and patches of weak limonitic alteration.                                                                      |
| K-12-0433 | 85.47  | 86.82  |                   |              |            | Qtz sweats and minor limonitic alteration intercalated.                                                                                                        |
| K-12-0433 | 86.82  | 87.59  |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 87.59  | 88.38  |                   |              |            | Trace limonitic alteration along fractures. Qtz sweats, flt bx infill, and stringers (?).                                                                      |
| K-12-0433 | 88.38  | 89.00  |                   |              |            | Puggy qtz (unsure of origin b/c of flting) and patches of weak limonitic alteration.                                                                           |
| K-12-0433 | 89.00  | 92.00  |                   |              |            | Saccroidal qtz vns, qtz healing flt bx.                                                                                                                        |
| K-12-0433 | 92.00  | 95.00  |                   |              |            | Saccroidal qtz vns and patches of weak limonitic alteration.                                                                                                   |
| K-12-0433 | 95.00  | 98.00  |                   |              |            | Qtz healing flt breccias. Limonite on fracture surfaces of qtzt.                                                                                               |
| K-12-0433 | 98.00  | 101.00 |                   |              |            | Qtz sweats. Limonite in fracture surfaces and in qtz sweat vugs.                                                                                               |
| K-12-0433 | 101.00 | 102.95 |                   |              |            | Meta qtz and qtz stringers. Limonite on fracture surfaces and within qtz.                                                                                      |
| K-12-0433 | 102.95 | 104.89 |                   |              |            | Qtz sweats. Limonite on fracture surfaces and within qtz vugs. Trace meta py.                                                                                  |
| K-12-0433 | 104.89 | 106.35 |                   |              |            | Saccroidal/puggy qtz vn. Meta qtz visible on some fragments. Weak limonitic alteration.                                                                        |
| K-12-0433 | 106.35 | 107.46 |                   |              |            | Qtz sweats. Limonite and tarnished goethite on fracture surfaces.                                                                                              |
| K-12-0433 | 107.46 | 107.97 |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 107.97 | 108.57 |                   |              |            | Limonite alteration within gouge. Qtz clasts within gouge (origin uncertain).                                                                                  |
| K-12-0433 | 108.57 | 110.32 |                   |              |            | Meta qtz and sparse qtz stringers. Limonite on fracture surfaces.                                                                                              |
| K-12-0433 | 110.32 | 111.89 |                   |              |            | Qtz stringers and meta qtz through interval. Trace disseminated py, one band of diss py in leached calc bed (4mm). Limonite on fracture surfaces (weak).       |
| K-12-0433 | 111.89 | 113.78 |                   |              |            | Limonite and Mn wads (and trace tarnished goethite) on fracture surfaces. Stringers of sd with trace sph. Qtz sweats with blebs of dolomite. Trace diss py.    |
| K-12-0433 | 113.78 | 116.00 |                   |              |            | Qtz vn with dolomite blobs. Qtz stringers and sweats. Limonite and Mn wads as alteration on fracture surfaces. Trace goethite.                                 |
| K-12-0433 | 116.00 | 118.00 |                   |              |            | Limonite, minor Mn wads and trace goethite on fracture surfaces. Qtz vns with cal blebs.                                                                       |
| K-12-0433 | 118.00 | 119.45 |                   |              |            | Limonite alteration on fracture surfaces. Qtz vns, vnits, and stringers with cal blebs.                                                                        |
| K-12-0433 | 119.45 | 120.75 |                   |              |            | Limonite alteration on fracture surfaces and within cal blebs. Qtz vns, vnits, and stringers with cal blebs. Trace dol.                                        |
| K-12-0433 | 120.75 | 122.33 |                   |              |            | Qtz stringers and sparse meta qtz with trace dol blebs. Increase in limonitic and manganese oxidation on fracture surfaces.                                    |
| K-12-0433 | 122.33 | 124.11 |                   |              |            | Crackle hydrothermal bx healed by limonitic qtz. One black oxidized stringer (no odor associated with HCl, but cleavage is indicative of sph)                  |
| K-12-0433 | 124.11 | 124.70 |                   |              |            | Qtz sweats and stringers. Limonite, minor Mn wads, and trace goethite as alteration on fracture surfaces.                                                      |
| K-12-0433 | 124.70 | 126.29 |                   |              |            | Cal vnlt flid with py alteration as inside. Cal and qtz stringers. Sparse met qtz. Limonite, minor Mn wads and trace goethite on fracture surfaces.            |
| K-12-0433 | 126.29 | 128.08 |                   |              |            | Stringers of fine grained sd with sph. Limonite, Mn wads and trace goethite as alteration on fracture surfaces.                                                |
| K-12-0433 | 128.08 | 128.55 |                   |              |            | Qtz stringers. Sparse wisps of sd with sph specks at head of section. Limonite, Mn wads and trace goethite on fracture surfaces.                               |
| K-12-0433 | 128.55 | 130.32 |                   |              |            | Limonite, Mn wads and goethite on fracture surfaces. Sparse meta qtz.                                                                                          |
| K-12-0433 | 130.32 | 131.73 |                   |              |            | Limonite, Mn wads on fracture surfaces. Qtz vnits. Trace fine grained diss py.                                                                                 |
| K-12-0433 | 131.73 | 132.97 |                   |              |            | Qtz stringers. Trace stringers of sd with blebs of sph.                                                                                                        |
| K-12-0433 | 132.97 | 133.22 |                   |              |            | Qtz sweats contain dol.                                                                                                                                        |
| K-12-0433 | 133.22 | 133.36 |                   |              |            | nr                                                                                                                                                             |
| K-12-0433 | 133.36 | 133.95 |                   |              |            |                                                                                                                                                                |

## Mineralogy

| Hole      | From m | To m   | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|--------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0433 | 133.95 | 134.58 | 0.51       | 3              | 3               |         |             |          |         |             |         |             | 5.00     | 40.00      |             |          |
| K-12-0433 | 134.58 | 135.63 | 1.03       | 2              | 2               | goe     | 1.00        | 10.00    |         |             |         |             |          | 0.05       |             |          |
| K-12-0433 | 135.63 | 137.52 | 1.84       | 1              | 1               |         |             |          |         |             |         |             | 5.00     |            | 0.10        |          |
| K-12-0433 | 137.52 | 139.46 | 1.78       | 1              | 1               |         |             |          |         |             |         |             | 10.00    |            | 0.50        |          |
| K-12-0433 | 139.46 | 141.18 | 1.70       | 1              | 1               |         |             |          |         |             |         |             | 3.00     |            | 0.05        |          |
| K-12-0433 | 141.18 | 143.00 | 1.62       | 2              | 1               |         |             |          |         |             |         |             | 5.00     |            | 0.05        |          |
| K-12-0433 | 143.00 | 144.86 | 1.82       | 1              | 1               |         |             |          |         |             |         |             | 3.00     |            | 2.00        |          |
| K-12-0433 | 144.86 | 146.79 | 1.93       | 1              |                 |         |             |          |         |             |         |             | 8.00     |            | 1.00        |          |
| K-12-0433 | 146.79 | 148.45 | 1.47       | 1              |                 |         |             |          |         |             |         |             | 15.00    |            | 1.00        |          |
| K-12-0433 | 148.45 | 149.99 | 1.53       | 1              |                 |         |             |          |         |             |         |             | 10.00    |            | 1.00        |          |
| K-12-0433 | 149.99 | 152.00 | 1.81       | 1              |                 |         |             | 20.00    |         |             |         |             |          |            | 1.00        |          |
| K-12-0433 | 152.00 | 153.53 | 1.45       | 1              |                 |         |             | 25.00    |         |             |         |             |          |            | 0.05        |          |
| K-12-0433 | 153.53 | 155.00 | 1.35       | 1              |                 |         |             | 5.00     |         |             |         |             | 20.00    |            |             |          |
| K-12-0433 | 155.00 | 156.27 | 1.26       | 2              |                 |         |             | 5.00     |         |             |         |             | 5.00     |            |             |          |
| K-12-0433 | 156.27 | 158.00 | 1.70       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            | 0.50        |          |
| K-12-0433 | 158.00 | 159.31 | 1.28       | 1              |                 |         |             | 5.00     |         |             |         |             | 15.00    |            | 0.10        |          |
| K-12-0433 | 159.31 | 160.96 | 1.64       | 2              |                 |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 160.96 | 162.80 | 1.77       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            | 0.05        |          |
| K-12-0433 | 162.80 | 164.63 | 1.80       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            | 0.10        |          |
| K-12-0433 | 164.63 | 166.63 | 1.70       | 1              |                 |         |             | 3.00     |         |             |         |             |          |            | 0.05        |          |
| K-12-0433 | 166.63 | 168.62 | 1.99       | 1              |                 |         |             | 1.00     | py      | 0.01        |         |             |          |            | 0.01        |          |
| K-12-0433 | 168.62 | 170.52 | 1.88       | 1              |                 |         |             | 2.00     | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 170.52 | 172.02 | 1.50       | 1              |                 |         |             | 1.00     | py      | 0.01        |         |             | 2.00     |            |             |          |
| K-12-0433 | 172.02 | 173.40 | 1.34       | 1              |                 |         |             | 2.00     | py      | 0.01        |         |             | 5.00     |            |             |          |
| K-12-0433 | 173.40 | 174.45 | 1.03       | 1              |                 |         |             | 5.00     | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 174.45 | 176.00 | 1.49       | 1              |                 |         |             | 10.00    | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 176.00 | 177.27 | 1.27       | 1              |                 |         |             | 5.00     | py      | 0.01        |         |             |          |            | 0.01        |          |
| K-12-0433 | 177.27 | 179.00 | 1.53       | 1              |                 |         |             | 2.00     | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 179.00 | 180.53 | 1.47       | 1              |                 |         |             | 2.00     | py      | 0.01        |         |             | 5.00     |            | 0.05        |          |
| K-12-0433 | 180.53 | 181.86 | 1.28       | 1              |                 |         |             | 3.00     | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 181.86 | 183.64 | 1.42       | 1              |                 |         |             | 3.00     | py      | 0.01        |         |             | 5.00     |            | 0.01        | 0.01     |
| K-12-0433 | 183.64 | 185.42 | 1.77       | 1              |                 |         |             | 10.00    | py      | 0.01        |         |             |          |            |             |          |
| K-12-0433 | 185.42 | 187.06 | 1.61       | 1              |                 |         |             | 15.00    | py      | 0.01        |         |             | 5.00     |            | 0.10        | 0.01     |
| K-12-0433 | 187.06 | 188.62 | 1.50       | 1              |                 |         |             | 5.00     | py      | 0.01        |         |             | 5.00     |            | 0.10        |          |
| K-12-0433 | 188.62 | 189.88 | 0.28       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 189.88 | 191.52 | 1.64       |                |                 |         |             | 10.00    |         |             |         |             |          |            | 0.05        |          |
| K-12-0433 | 191.52 | 193.37 | 1.53       |                |                 |         |             | 3.00     | py      | 0.01        |         |             | 2.00     |            |             |          |
| K-12-0433 | 193.37 | 195.05 | 1.63       | 1              |                 |         |             | 1.00     | py      | 0.01        |         |             |          |            | 0.01        |          |
| K-12-0433 | 195.05 | 196.77 | 1.60       | 1              |                 |         |             | 2.00     |         |             |         |             | 5.00     |            | 0.01        | 0.01     |
| K-12-0433 | 196.77 | 198.23 | 1.41       | 1              |                 |         |             | 5.00     |         |             |         |             | 3.00     |            |             |          |
| K-12-0433 | 198.23 | 199.23 | 0.91       | 1              |                 |         |             | 3.00     |         |             |         |             | 3.00     |            | 0.01        |          |
| K-12-0433 | 199.23 | 201.05 | 1.78       | 1              |                 |         |             | 15.00    | py      | 0.01        |         |             | 20.00    |            | 0.01        |          |
| K-12-0433 | 201.05 | 202.74 | 1.57       | 1              |                 |         |             | 15.00    | py      | 0.01        |         |             |          |            | 0.01        |          |
| K-12-0433 | 202.74 | 204.52 | 1.78       | 1              |                 |         |             | 0.50     |         |             |         |             | 5.00     |            | 0.01        |          |
| K-12-0433 | 204.52 | 205.46 | 0.77       | 1              |                 |         |             |          |         |             |         |             | 50.00    |            |             |          |
| K-12-0433 | 205.46 | 206.80 | 1.29       | 1              |                 |         |             | 2.00     |         |             |         |             | 0.50     |            | 0.01        |          |
| K-12-0433 | 206.80 | 207.44 | 0.58       | 1              |                 |         |             | 0.10     |         |             |         |             | 2.00     |            |             |          |
| K-12-0433 | 207.44 | 209.00 | 1.08       |                |                 |         |             |          |         |             |         |             | 5.00     |            | 0.05        |          |
| K-12-0433 | 209.00 | 210.71 | 1.68       | 1              |                 |         |             | 2.00     |         |             |         |             | 3.00     |            | 0.05        |          |
| K-12-0433 | 210.71 | 211.00 | 0.29       |                |                 |         |             |          |         |             |         |             | 80.00    |            | 0.05        |          |
| K-12-0433 | 211.00 | 212.19 | 1.08       | 1              |                 |         |             | 2.00     |         |             |         |             | 5.00     |            |             |          |
| K-12-0433 | 212.19 | 213.75 | 1.35       |                |                 |         |             | 20.00    |         |             |         |             |          |            |             |          |
| K-12-0433 | 213.75 | 215.64 | 1.85       |                |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0433 | 215.64 | 216.16 | 0.52       |                |                 |         |             | 15.00    |         |             |         |             |          |            |             |          |

## Mineralogy

| Hole      | From m | To m   | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|--------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0433 | 133.95 | 134.58 |              |          |              |              |                | unkn    | 20.00       |         |             |          |              |          |              |                |
| K-12-0433 | 134.58 | 135.63 |              |          | 0.01         |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 135.63 | 137.52 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 137.52 | 139.46 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 139.46 | 141.18 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 141.18 | 143.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 143.00 | 144.86 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 144.86 | 146.79 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 146.79 | 148.45 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 148.45 | 149.99 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 149.99 | 152.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 152.00 | 153.53 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 153.53 | 155.00 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 155.00 | 156.27 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 156.27 | 158.00 |              |          |              |              |                |         |             |         |             | 0.05     |              |          |              |                |
| K-12-0433 | 158.00 | 159.31 |              |          |              |              |                |         |             |         |             | 0.05     |              |          |              |                |
| K-12-0433 | 159.31 | 160.96 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 160.96 | 162.80 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 162.80 | 164.63 |              |          |              |              |                |         |             |         |             | 0.05     |              |          |              |                |
| K-12-0433 | 164.63 | 166.63 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 166.63 | 168.62 |              |          |              |              |                | dol     | 0.01        |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 168.62 | 170.52 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 170.52 | 172.02 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 172.02 | 173.40 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 173.40 | 174.45 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 174.45 | 176.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 176.00 | 177.27 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 177.27 | 179.00 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 179.00 | 180.53 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 180.53 | 181.86 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 181.86 | 183.64 |              |          |              |              |                | dol     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 183.64 | 185.42 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 185.42 | 187.06 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 187.06 | 188.62 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 188.62 | 189.88 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 189.88 | 191.52 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 191.52 | 193.37 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 193.37 | 195.05 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 195.05 | 196.77 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 196.77 | 198.23 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 198.23 | 199.23 |              |          |              |              |                | mal     | 0.01        |         |             |          |              |          |              |                |
| K-12-0433 | 199.23 | 201.05 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 201.05 | 202.74 |              |          |              |              |                | dol     | 0.01        |         |             | 0.01     |              |          |              |                |
| K-12-0433 | 202.74 | 204.52 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 204.52 | 205.46 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 205.46 | 206.80 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 206.80 | 207.44 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 207.44 | 209.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 209.00 | 210.71 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 210.71 | 211.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 211.00 | 212.19 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 212.19 | 213.75 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 213.75 | 215.64 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0433 | 215.64 | 216.16 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

## Mineralogy

| Hole      | From m | To m   | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                                                                                                                                     |
|-----------|--------|--------|-------------------|--------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0433 | 133.95 | 134.58 |                   |              |            | Clasts of rounded sd. Matrix composed of sd, and maroon (dark red brown), soft, very fine grained mineral, heavily oxidized, no odorous rxn to acid (sph?). Clasts of clean qtz (reminants of country rock). |
| K-12-0433 | 134.58 | 135.63 |                   |              |            | Trace goethite as alteration on fracture surfaces. Trace diss py. Sd with sph blebs as stringers (sparse).                                                                                                   |
| K-12-0433 | 135.63 | 137.52 |                   |              |            | Wispy qtz stringers with cal.                                                                                                                                                                                |
| K-12-0433 | 137.52 | 139.46 |                   |              |            | Wispy qtz stringers with cal.                                                                                                                                                                                |
| K-12-0433 | 139.46 | 141.18 |                   |              |            | Wispy qtz stringers with cal.                                                                                                                                                                                |
| K-12-0433 | 141.18 | 143.00 |                   |              |            | Wispy qtz stringers with cal.                                                                                                                                                                                |
| K-12-0433 | 143.00 | 144.86 |                   |              |            | Wispy qtz stringers with cal and cal stringers.                                                                                                                                                              |
| K-12-0433 | 144.86 | 146.79 |                   |              |            | Wispy qtz stringers with cal and cal stringers.                                                                                                                                                              |
| K-12-0433 | 146.79 | 148.45 |                   |              |            | Wispy qtz stringers with cal and cal stringers.                                                                                                                                                              |
| K-12-0433 | 148.45 | 149.99 |                   |              |            | Wispy qtz stringers with cal and cal stringers.                                                                                                                                                              |
| K-12-0433 | 149.99 | 152.00 |                   |              |            | Meta qtz with cal blebs and cal stringers                                                                                                                                                                    |
| K-12-0433 | 152.00 | 153.53 |                   |              |            | Meta qtz with dol/cal blebs.                                                                                                                                                                                 |
| K-12-0433 | 153.53 | 155.00 |                   |              |            | Qtz vnits with dol specks.                                                                                                                                                                                   |
| K-12-0433 | 155.00 | 156.27 |                   |              |            | Qtz stringers and sweats with dol.                                                                                                                                                                           |
| K-12-0433 | 156.27 | 158.00 |                   |              |            | Cal in meta qtz replaced by diss py in areas.                                                                                                                                                                |
| K-12-0433 | 158.00 | 159.31 |                   |              |            | 25cm qtz vn. Cal in meta qtz occasionally replaced by diss py.                                                                                                                                               |
| K-12-0433 | 159.31 | 160.96 |                   |              |            | Trace specks of diss py in cal blebs.                                                                                                                                                                        |
| K-12-0433 | 160.96 | 162.80 |                   |              |            | Py (diss, fine grained) replacing cal blebs in areas.                                                                                                                                                        |
| K-12-0433 | 162.80 | 164.63 |                   |              |            | Medium grained diss py replacing cal in qtz sweats.                                                                                                                                                          |
| K-12-0433 | 164.63 | 166.63 |                   |              |            | Medium grained diss py replacing cal in qtz sweats.                                                                                                                                                          |
| K-12-0433 | 166.63 | 168.62 |                   |              |            | No mineralization.                                                                                                                                                                                           |
| K-12-0433 | 168.62 | 170.52 |                   |              |            | no mineralization                                                                                                                                                                                            |
| K-12-0433 | 170.52 | 172.02 |                   |              |            | Qtz vnlt (8cm).                                                                                                                                                                                              |
| K-12-0433 | 172.02 | 173.40 |                   |              |            | Qtz vnits with dol (<6cm).                                                                                                                                                                                   |
| K-12-0433 | 173.40 | 174.45 |                   |              |            | no min                                                                                                                                                                                                       |
| K-12-0433 | 174.45 | 176.00 |                   |              |            | No min                                                                                                                                                                                                       |
| K-12-0433 | 176.00 | 177.27 |                   |              |            | no min                                                                                                                                                                                                       |
| K-12-0433 | 177.27 | 179.00 |                   |              |            | Trace fine grained diss.                                                                                                                                                                                     |
| K-12-0433 | 179.00 | 180.53 |                   |              |            | Qtz vnlt 6cm. Diss py replacing cal blebs.                                                                                                                                                                   |
| K-12-0433 | 180.53 | 181.86 |                   |              |            | Limonitic dol in qtz sweats                                                                                                                                                                                  |
| K-12-0433 | 181.86 | 183.64 |                   |              |            | Qtz stringers with some specks of py.                                                                                                                                                                        |
| K-12-0433 | 183.64 | 185.42 |                   |              |            | Tarnished/outer rim of py blebs altered by Li.                                                                                                                                                               |
| K-12-0433 | 185.42 | 187.06 |                   |              |            | Qtz vnits with cal blebs.                                                                                                                                                                                    |
| K-12-0433 | 187.06 | 188.62 |                   |              |            | qtz vnits                                                                                                                                                                                                    |
| K-12-0433 | 188.62 | 189.88 |                   |              |            |                                                                                                                                                                                                              |
| K-12-0433 | 189.88 | 191.52 |                   |              |            |                                                                                                                                                                                                              |
| K-12-0433 | 191.52 | 193.37 |                   |              |            | qtz vnlt                                                                                                                                                                                                     |
| K-12-0433 | 193.37 | 195.05 |                   |              |            | no min                                                                                                                                                                                                       |
| K-12-0433 | 195.05 | 196.77 |                   |              |            | Qtz stringers and vnits with specks of py in one.                                                                                                                                                            |
| K-12-0433 | 196.77 | 198.23 |                   |              |            | Qtz stringers.                                                                                                                                                                                               |
| K-12-0433 | 198.23 | 199.23 |                   |              |            | Qtz stringers with cal and green carbonate (malachite?)                                                                                                                                                      |
| K-12-0433 | 199.23 | 201.05 |                   |              |            | Qtz vn with cal                                                                                                                                                                                              |
| K-12-0433 | 201.05 | 202.74 |                   |              |            | Trace diss py.                                                                                                                                                                                               |
| K-12-0433 | 202.74 | 204.52 |                   |              |            | Qtz stringers and vnits with blebs of cal.                                                                                                                                                                   |
| K-12-0433 | 204.52 | 205.46 |                   |              |            | Puggy to saccharoidal qtz vn.                                                                                                                                                                                |
| K-12-0433 | 205.46 | 206.80 |                   |              |            | Sparse qtz stringers.                                                                                                                                                                                        |
| K-12-0433 | 206.80 | 207.44 |                   |              |            | Qtz stringers with cal blebs.                                                                                                                                                                                |
| K-12-0433 | 207.44 | 209.00 |                   |              |            | Qtz stringers.                                                                                                                                                                                               |
| K-12-0433 | 209.00 | 210.71 |                   |              |            | Qtz stringers - two phases (cutting visible)                                                                                                                                                                 |
| K-12-0433 | 210.71 | 211.00 |                   |              |            | Qtz vn with cal blebs                                                                                                                                                                                        |
| K-12-0433 | 211.00 | 212.19 |                   |              |            | Qtz stringers                                                                                                                                                                                                |
| K-12-0433 | 212.19 | 213.75 |                   |              |            | Puggy qtz (fitted so unsure of origin)                                                                                                                                                                       |
| K-12-0433 | 213.75 | 215.64 |                   |              |            | Puggy qtz (fitted so unsure of origin)                                                                                                                                                                       |
| K-12-0433 | 215.64 | 216.16 |                   |              |            | Puggy qtz (fitted so unsure of origin)                                                                                                                                                                       |

| Alteration |        |        |           |              |                    |             |            |           |       |       |       |       |                          |
|------------|--------|--------|-----------|--------------|--------------------|-------------|------------|-----------|-------|-------|-------|-------|--------------------------|
| Hole       | From_m | To_m   | Alt_Level | Argillic_Int | Silicification_Int | Leached_Int | Bleach_Int | CaCO3_Int | X_Alt | X_Int | Y_Alt | Y_Int | Comments                 |
| K-12-0433  | 13.55  | 19.78  | 0         |              |                    |             |            |           | LI    | 1     |       |       |                          |
| K-12-0433  | 19.78  | 23.18  | 0         |              |                    |             |            |           | LI    | 2     |       |       |                          |
| K-12-0433  | 23.18  | 26.00  | 0         |              |                    |             |            |           | LI    | 1     | CLY   |       | 1                        |
| K-12-0433  | 26.00  | 36.22  | 0         |              |                    |             |            |           | LI    | 2     | OX    |       | 1 Ox represents Mn wads. |
| K-12-0433  | 36.22  | 37.62  | 0         |              |                    |             |            |           | LI    | 3     | OX    |       | 2 ox represents Mn wads. |
| K-12-0433  | 37.62  | 41.66  | 0         |              |                    |             |            |           | LI    | 3     | OX    |       | 3 ox represents Mn wads. |
| K-12-0433  | 41.66  | 43.87  | 0         |              |                    |             |            |           | LI    | 4     | OX    |       | 3 ox represents Mn wads. |
| K-12-0433  | 43.87  | 47.72  | 0         |              |                    |             |            |           | LI    | 2     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 47.72  | 50.00  | 0         |              |                    |             |            |           | LI    | 3     | OX    |       | 3 ox represents Mn wads. |
| K-12-0433  | 50.00  | 56.83  | 0         |              |                    |             |            |           | LI    | 1     |       |       |                          |
| K-12-0433  | 56.83  | 58.75  | 0         |              |                    |             |            |           | LI    | 4     |       |       |                          |
| K-12-0433  | 58.75  | 65.00  | 0         |              |                    |             |            |           | LI    | 1     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 65.00  | 72.52  | 0         |              |                    |             |            |           | LI    | 3     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 72.52  | 110.32 | 0         |              |                    |             |            |           | LI    | 1     |       |       |                          |
| K-12-0433  | 110.32 | 118.00 | 0         |              |                    | 1           |            |           | LI    | 2     | OX    |       | 1 Ox represents Mn wads. |
| K-12-0433  | 118.00 | 122.33 | 0         |              |                    |             |            |           | LI    | 2     |       |       |                          |
| K-12-0433  | 122.33 | 124.11 | 0         |              |                    | 1           |            |           | LI    | 2     |       |       |                          |
| K-12-0433  | 124.11 | 124.70 | 0         |              |                    |             |            |           | LI    | 3     |       |       |                          |
| K-12-0433  | 124.70 | 128.08 | 0         |              |                    |             |            |           | LI    | 2     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 128.08 | 129.51 | 0         |              |                    |             |            |           | LI    | 1     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 129.51 | 132.40 | 0         |              |                    |             |            |           | LI    | 2     |       |       |                          |
| K-12-0433  | 132.40 | 134.58 | 0         |              |                    |             |            |           | LI    | 2     | OX    |       | 1 ox represents Mn wads. |
| K-12-0433  | 134.58 | 181.86 | 0         |              |                    |             |            |           | LI    | 2     |       |       |                          |
| K-12-0433  | 181.86 | 216.16 | 0         |              |                    |             |            |           | LI    | 1     |       |       |                          |

## Geotechnical

| Hole      | From m | To m   | Interval Length | Recovery m | Recovery Pct | RQD m | RQD Pct | Fabric Breaks | Fracture Count Vein | Joint Count | Num Joint Sets | Cemented Joint Vein Count | Joint Roughness |
|-----------|--------|--------|-----------------|------------|--------------|-------|---------|---------------|---------------------|-------------|----------------|---------------------------|-----------------|
| K-12-0433 | 0.00   | 11.00  | 11.00           |            |              |       |         |               |                     |             |                |                           |                 |
| K-12-0433 | 11.00  | 13.54  | 2.54            |            |              |       |         |               |                     |             |                |                           |                 |
| K-12-0433 | 13.54  | 14.00  | 0.46            | 0.46       | 100.00       | 0.20  | 43.48   | 1.00          |                     | 2.00        | 1.00           |                           | 8               |
| K-12-0433 | 14.00  | 17.00  | 3.00            | 1.64       | 54.67        | 0.22  | 7.33    |               |                     |             |                |                           |                 |
| K-12-0433 | 17.00  | 20.00  | 3.00            | 2.09       | 69.67        | 0.10  | 3.33    |               |                     |             |                |                           |                 |
| K-12-0433 | 20.00  | 23.00  | 3.00            | 2.50       | 83.33        | 0.31  | 10.40   | 4.00          |                     | 15.00       | 1.00           |                           | 4               |
| K-12-0433 | 23.00  | 26.00  | 3.00            | 1.03       | 34.33        | 0.24  | 8.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 26.00  | 29.00  | 3.00            | 1.59       | 53.00        | 0.20  | 6.67    |               |                     |             |                |                           |                 |
| K-12-0433 | 29.00  | 32.00  | 3.00            | 2.45       | 81.67        | 0.92  | 30.67   | 8.00          |                     | 9.00        | 1.00           |                           | 9               |
| K-12-0433 | 32.00  | 35.00  | 3.00            | 2.73       | 91.00        | 0.70  | 23.33   | 20.00         |                     | 6.00        | 1.00           |                           | 8               |
| K-12-0433 | 35.00  | 38.00  | 3.00            | 2.42       | 80.67        | 1.06  | 35.33   | 17.00         |                     | 2.00        | 1.00           |                           | 5               |
| K-12-0433 | 38.00  | 41.00  | 3.00            | 1.71       | 57.00        | 0.37  | 12.33   | 13.00         |                     | 8.00        | 1.00           |                           | 5               |
| K-12-0433 | 41.00  | 44.00  | 3.00            | 2.43       | 81.00        | 0.83  | 27.67   | 8.00          |                     | 11.00       | 1.00           |                           | 7               |
| K-12-0433 | 44.00  | 47.00  | 3.00            | 2.46       | 82.00        | 0.85  | 28.33   | 10.00         |                     | 1.00        | 9.00           |                           | 7               |
| K-12-0433 | 47.00  | 50.00  | 3.00            | 1.85       | 61.67        | 0.36  | 12.00   | 16.00         |                     | 7.00        | 1.00           |                           | 8               |
| K-12-0433 | 50.00  | 53.00  | 3.00            | 1.48       | 49.33        | 0.96  | 32.00   | 2.00          |                     | 4.00        | 1.00           |                           | 5               |
| K-12-0433 | 53.00  | 56.00  | 3.00            | 1.95       | 65.00        | 0.14  | 4.67    | 24.00         |                     | 7.00        | 1.00           |                           | 7               |
| K-12-0433 | 56.00  | 59.00  | 3.00            | 1.42       | 47.33        | 0.38  | 12.67   | 9.00          |                     | 6.00        | 1.00           |                           | 7               |
| K-12-0433 | 59.00  | 62.00  | 3.00            | 1.92       | 64.00        | 0.37  | 12.33   | 19.00         |                     | 8.00        | 1.00           |                           | 7               |
| K-12-0433 | 62.00  | 65.00  | 3.00            | 2.60       | 86.67        | 0.81  | 27.00   | 18.00         |                     | 6.00        | 1.00           |                           | 8               |
| K-12-0433 | 65.00  | 68.00  | 3.00            | 1.88       | 62.67        | 0.42  | 14.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 68.00  | 71.00  | 3.00            | 1.48       | 49.33        | 0.13  | 4.33    |               |                     |             |                |                           |                 |
| K-12-0433 | 71.00  | 74.00  | 3.00            | 1.83       | 61.00        | 0.43  | 14.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 74.00  | 77.00  | 3.00            | 1.44       | 48.00        | 0.71  | 23.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 77.00  | 80.00  | 3.00            | 1.27       | 42.33        | 0.41  | 13.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 80.00  | 83.00  | 3.00            | 1.61       | 53.67        | 0.68  | 22.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 83.00  | 86.00  | 3.00            | 1.58       | 52.67        | 0.90  | 30.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 86.00  | 89.00  | 3.00            | 1.84       | 61.33        | 0.48  | 16.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 89.00  | 92.00  | 3.00            | 1.64       | 54.67        | 0.74  | 24.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 92.00  | 95.00  | 3.00            | 0.56       | 18.67        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 95.00  | 98.00  | 3.00            | 0.58       | 19.33        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 98.00  | 101.00 | 3.00            | 0.55       | 18.33        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 101.00 | 104.00 | 3.00            | 1.13       | 37.67        | 0.00  | 0.00    | 8.00          |                     | 3.00        | 2.00           |                           | 4               |
| K-12-0433 | 104.00 | 107.00 | 3.00            | 1.01       | 33.67        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 107.00 | 110.00 | 3.00            | 1.61       | 53.67        | 0.24  | 8.00    |               |                     |             |                |                           |                 |
| K-12-0433 | 110.00 | 113.00 | 3.00            | 2.63       | 87.67        | 1.31  | 43.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 113.00 | 116.00 | 3.00            | 2.55       | 85.00        | 1.28  | 42.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 116.00 | 119.00 | 3.00            | 2.57       | 85.67        | 1.14  | 38.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 119.00 | 122.00 | 3.00            | 2.85       | 95.00        | 1.76  | 58.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 122.00 | 125.00 | 3.00            | 2.54       | 84.67        | 0.87  | 29.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 125.00 | 128.00 | 3.00            | 2.72       | 90.67        | 1.07  | 35.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 128.00 | 131.00 | 3.00            | 1.98       | 66.00        | 0.83  | 27.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 131.00 | 134.00 | 3.00            | 2.25       | 75.00        | 0.40  | 13.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 134.00 | 137.00 | 3.00            | 2.54       | 84.67        | 1.48  | 49.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 137.00 | 140.00 | 3.00            | 2.75       | 91.67        | 2.41  | 80.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 140.00 | 143.00 | 3.00            | 2.69       | 89.67        | 1.76  | 58.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 143.00 | 146.00 | 3.00            | 2.89       | 96.33        | 2.08  | 69.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 146.00 | 149.00 | 3.00            | 2.80       | 93.33        | 1.88  | 62.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 149.00 | 152.00 | 3.00            | 2.59       | 86.33        | 2.13  | 71.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 152.00 | 155.00 | 3.00            | 2.85       | 95.00        | 2.43  | 81.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 155.00 | 158.00 | 3.00            | 2.20       | 73.33        | 1.65  | 55.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 158.00 | 161.00 | 3.00            | 2.89       | 96.33        | 2.30  | 76.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 161.00 | 164.00 | 3.00            | 2.72       | 90.67        | 1.95  | 65.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 164.00 | 167.00 | 3.00            | 2.74       | 91.33        | 2.16  | 72.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 167.00 | 170.00 | 3.00            | 2.96       | 98.67        | 2.35  | 78.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 170.00 | 173.00 | 3.00            | 2.86       | 95.33        | 2.08  | 69.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 173.00 | 176.00 | 3.00            | 2.90       | 96.67        | 1.52  | 50.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 176.00 | 179.00 | 3.00            | 2.71       | 90.33        | 2.31  | 77.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 179.00 | 182.00 | 3.00            | 2.95       | 98.33        | 2.30  | 76.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 182.00 | 185.00 | 3.00            | 2.57       | 85.67        | 1.52  | 50.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 185.00 | 188.00 | 3.00            | 2.93       | 97.67        | 1.38  | 46.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 188.00 | 191.00 | 3.00            | 1.86       | 62.00        | 0.47  | 15.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 191.00 | 194.00 | 3.00            | 2.43       | 81.00        | 0.35  | 11.67   |               |                     |             |                |                           |                 |
| K-12-0433 | 194.00 | 197.00 | 3.00            | 2.77       | 92.33        | 1.30  | 43.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 197.00 | 200.00 | 3.00            | 2.82       | 94.00        | 1.92  | 64.00   |               |                     |             |                |                           |                 |

## Geotechnical

| Hole      | From_m | To_m   | Joint_Fill | Joint_Alteration | GSI | IRS_Strong | IRS_Weak | IRS_Category | IRS_Weak_Pct | Intercepted_Water_Flow | Comments                                |
|-----------|--------|--------|------------|------------------|-----|------------|----------|--------------|--------------|------------------------|-----------------------------------------|
| K-12-0433 | 0.00   | 11.00  |            |                  |     |            |          |              |              |                        | Overburden                              |
| K-12-0433 | 11.00  | 13.54  |            |                  |     |            |          |              |              |                        | Overburden                              |
| K-12-0433 | 13.54  | 14.00  | 9          |                  | 44  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 14.00  | 17.00  |            |                  |     |            |          |              |              |                        | Rubble. Cracks not counted.             |
| K-12-0433 | 17.00  | 20.00  |            |                  |     |            |          |              |              |                        | Rubble. Cracks not counted.             |
| K-12-0433 | 20.00  | 23.00  | 9          |                  | 45  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 23.00  | 26.00  |            |                  |     | R0         | R0       | S4           | 23.00        |                        | Rubble. Cracks not counted.             |
| K-12-0433 | 26.00  | 29.00  |            |                  |     |            |          |              |              |                        | block. Rubble. Cracks not counted.      |
| K-12-0433 | 29.00  | 32.00  | 9          |                  | 45  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 32.00  | 35.00  | 9          |                  | 49  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 35.00  | 38.00  | 9          |                  | 48  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 38.00  | 41.00  | 9          |                  | 50  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 41.00  | 44.00  | 9          |                  | 50  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 44.00  | 47.00  | 9          |                  | 50  | R3         |          |              |              |                        | "7x6=42+2cb=44. rod count was correct." |
| K-12-0433 | 47.00  | 50.00  | 9          |                  | 50  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 50.00  | 53.00  | 10         |                  | 34  | R0         | R0       | S3           | 53.00        |                        |                                         |
| K-12-0433 | 53.00  | 56.00  | 9          |                  | 38  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 56.00  | 59.00  | 9          |                  | 40  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 59.00  | 62.00  | 9          |                  | 47  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 62.00  | 65.00  | 9          |                  | 44  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 65.00  | 68.00  |            |                  |     |            |          |              |              |                        | rubble. Cracks not counted.             |
| K-12-0433 | 68.00  | 71.00  |            |                  |     |            |          |              |              |                        | rubble. cracks not counted.             |
| K-12-0433 | 71.00  | 74.00  |            |                  | 31  | R0         | R0       | S6           | 20.00        |                        | rubble. Cracks not counted.             |
| K-12-0433 | 74.00  | 77.00  |            |                  |     | R0         | R0       | S3           |              |                        | very weak.undetermined fabric.          |
| K-12-0433 | 77.00  | 80.00  |            |                  |     | R0         | R0       | S3           |              |                        | rubble. Cracks not counted.....         |
| K-12-0433 | 80.00  | 83.00  |            |                  |     | R0         | R0       | S6           | 100.00       |                        | undetermined fabric.                    |
| K-12-0433 | 83.00  | 86.00  |            |                  |     | R0         | R0       | S4           | 10.00        |                        | undetermined fabric.                    |
| K-12-0433 | 86.00  | 89.00  |            |                  | 33  | R1         |          |              |              |                        | undetermined fabric.                    |
| K-12-0433 | 89.00  | 92.00  |            |                  | 32  | R1         |          |              |              |                        | undetermined fabric.                    |
| K-12-0433 | 92.00  | 95.00  |            |                  |     | R1         |          |              |              |                        | rubble. Cracks not counted.....         |
| K-12-0433 | 95.00  | 98.00  |            |                  |     |            |          |              |              |                        | rubble. Cracks not counted.             |
| K-12-0433 | 98.00  | 101.00 |            |                  |     |            |          |              |              |                        | rubble. Cracks not counted.             |
| K-12-0433 | 101.00 | 104.00 | 9          |                  | 38  | R3         |          |              |              |                        |                                         |
| K-12-0433 | 104.00 | 107.00 |            |                  |     |            |          |              |              |                        | rubble. Cracks not counted.             |
| K-12-0433 | 107.00 | 110.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 110.00 | 113.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 113.00 | 116.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 116.00 | 119.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 119.00 | 122.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 122.00 | 125.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 125.00 | 128.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 128.00 | 131.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 131.00 | 134.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 134.00 | 137.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 137.00 | 140.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 140.00 | 143.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 143.00 | 146.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 146.00 | 149.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 149.00 | 152.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 152.00 | 155.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 155.00 | 158.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 158.00 | 161.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 161.00 | 164.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 164.00 | 167.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 167.00 | 170.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 170.00 | 173.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 173.00 | 176.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 176.00 | 179.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 179.00 | 182.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 182.00 | 185.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 185.00 | 188.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 188.00 | 191.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 191.00 | 194.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 194.00 | 197.00 |            |                  |     |            |          |              |              |                        |                                         |
| K-12-0433 | 197.00 | 200.00 |            |                  |     |            |          |              |              |                        |                                         |

## Geotechnical

| Hole      | From m | To m   | Interval Length | Recovery m | Recovery Pct | RQD m | RQD Pct | Fabric Breaks | Fracture Count Vein | Joint Count | Num Joint Sets | Cemented Joint Vein Count | Joint Roughness |
|-----------|--------|--------|-----------------|------------|--------------|-------|---------|---------------|---------------------|-------------|----------------|---------------------------|-----------------|
| K-12-0433 | 200.00 | 203.00 | 3.00            | 2.92       | 97.33        | 0.99  | 33.00   |               |                     |             |                |                           |                 |
| K-12-0433 | 203.00 | 206.00 | 3.00            | 2.57       | 85.67        | 1.27  | 42.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 206.00 | 209.00 | 3.00            | 1.92       | 64.00        | 0.43  | 14.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 209.00 | 212.00 | 3.00            | 2.79       | 93.00        | 1.18  | 39.33   |               |                     |             |                |                           |                 |
| K-12-0433 | 212.00 | 215.00 | 3.00            | 2.63       | 87.67        | 2.24  | 74.67   |               |                     |             |                |                           |                 |

## Geotechnical

| Hole      | From m | To m   | Joint Fill | Joint Alteration | GSI | IRS Strong | IRS Weak | IRS Category | IRS Weak Pct | Intercepted Water Flow | Comments |
|-----------|--------|--------|------------|------------------|-----|------------|----------|--------------|--------------|------------------------|----------|
| K-12-0433 | 200.00 | 203.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0433 | 203.00 | 206.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0433 | 206.00 | 209.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0433 | 209.00 | 212.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0433 | 212.00 | 215.00 |            |                  |     |            |          |              |              |                        |          |

## Specific Gravity

| Hole      | Depth m | Wgt Air | Wgt H2O | SG Calc | Length | Rock Type | Comments                                                                                           |
|-----------|---------|---------|---------|---------|--------|-----------|----------------------------------------------------------------------------------------------------|
| K-12-0433 | 21.52   | 918.90  | 572.60  | 2.65    | 15.00  | QTZT      | Leached calc qtzt with heavy fe/mn ox.                                                             |
| K-12-0433 | 30.73   | 888.30  | 551.60  | 2.64    | 15.00  | QTZT      | Qtzt with splotchy texture due to permeation of ox into rock. Strands of sd with trace gn and sph. |
| K-12-0433 | 41.00   | 1156.50 | 704.60  | 2.56    | 15.00  | QTZT      | Oxidized qtzt, stringers of sph?                                                                   |
| K-12-0433 | 43.42   | 823.10  | 515.80  | 2.68    | 12.00  | QTZT      | Silicified qtzt with ox on fracture surfaces.                                                      |
| K-12-0433 | 44.74   | 1041.30 | 643.20  | 2.62    | 14.00  | QTZT      | Qtzt oxidized from fractures creating splotchy look. Gn speck found here.                          |
| K-12-0433 | 47.18   | 1113.10 | 688.00  | 2.62    | 14.00  | QTZT      | Qtzt with qtz vnlt with blebs of dark brown/black mineral.                                         |
| K-12-0433 | 126.68  | 1162.80 | 720.70  | 2.63    | 13.00  | QTZT      | Qtzt with fided py/cal str                                                                         |
| K-12-0433 | 134.00  | 1353.80 | 905.60  | 3.02    | 16.00  | VM        | Hydrothermal chaotic bx. S clasts. Highly ox                                                       |
| K-12-0433 | 135.45  | 1477.90 | 916.70  | 2.63    | 17.00  | QTZT      | qtzt with qtz vnlt and sd/sph str                                                                  |

## Drill Hole Assays

| Hole      | DHSample                 | From m | To m  | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm |
|-----------|--------------------------|--------|-------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|
| K-12-0433 | M365572                  | 13.55  | 14.74 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 118.00      |           |            | -0.01     |
| K-12-0433 | M365574                  | 14.74  | 15.56 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 47.00       |           |            | -0.01     |
| K-12-0433 | M365575                  | 15.56  | 17.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 44.00       |           |            | -0.01     |
| K-12-0433 | M365576                  | 17.00  | 18.26 | HCORE         | FALSE     |                | -0.01       | -0.50       | 26.00       | 42.00       |           |            | -0.01     |
| K-12-0433 | M365577                  | 18.26  | 19.78 | HCORE         | FALSE     |                | -0.01       | -0.50       | 33.00       | 126.00      |           |            | -0.01     |
| K-12-0433 | M365578                  | 19.78  | 21.48 | HCORE         | FALSE     |                | -0.01       | -0.50       | 28.00       | 102.00      |           |            | -0.01     |
| K-12-0433 | M365579                  | 21.48  | 22.28 | HCORE         | FALSE     |                | -0.01       | 2.00        | 665.00      | 1570.00     |           |            | -0.01     |
| K-12-0433 | M365580                  | 22.28  | 23.18 | HCORE         | FALSE     |                | 0.01        | -0.50       | 34.00       | 46.00       |           |            | 0.01      |
| K-12-0433 | M365581                  | 23.18  | 26.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 31.00       | 138.00      |           |            | -0.01     |
| K-12-0433 | M365582                  | 26.00  | 27.86 | HCORE         | FALSE     |                | 0.01        | -0.50       | 37.00       | 60.00       |           |            | 0.01      |
| K-12-0433 | M365583                  | 27.86  | 28.96 | HCORE         | FALSE     |                | -0.01       | 0.70        | 49.00       | 36.00       |           |            | -0.01     |
| K-12-0433 | M365585                  | 28.96  | 30.73 | HCORE         | FALSE     |                | -0.01       | -0.50       | 118.00      | 208.00      |           |            | -0.01     |
| K-12-0433 | M365586                  | 30.73  | 31.78 | HCORE         | FALSE     |                | -0.01       | 0.50        | 159.00      | 566.00      |           |            | -0.01     |
| K-12-0433 | M365587                  | 31.78  | 33.16 | HCORE         | FALSE     |                | -0.01       | 0.70        | 107.00      | 515.00      |           |            | -0.01     |
| K-12-0433 | M365589                  | 33.16  | 34.67 | HCORE         | FALSE     |                | 0.01        | -0.50       | 4.00        | 309.00      |           |            | 0.01      |
| K-12-0433 | M365590                  | 34.67  | 35.69 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 92.00       |           |            | -0.01     |
| K-12-0433 | M365591                  | 35.69  | 36.22 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 83.00       |           |            | -0.01     |
| K-12-0433 | M365592                  | 36.22  | 37.62 | HCORE         | FALSE     |                | -0.01       | 3.60        | 207.00      | 379.00      |           |            | -0.01     |
| K-12-0433 | M365593                  | 37.62  | 38.00 | HCORE         | FALSE     |                | -0.01       | 7.90        | 832.00      | 1960.00     |           |            | -0.01     |
| K-12-0433 | M365594                  | 38.00  | 39.26 | HCORE         | TRUE      |                | -0.01       | 6.70        | 156.00      | 348.00      |           |            | -0.01     |
| K-12-0433 | M365595                  | 38.00  | 39.26 | DUP           |           | M365594        | -0.01       | 6.10        | 156.00      | 342.00      |           |            | -0.01     |
| K-12-0433 | M365596                  | 39.26  | 41.00 | HCORE         | FALSE     |                | -0.01       | 3.60        | 174.00      | 715.00      |           |            | -0.01     |
| K-12-0433 | M365597                  | 41.00  | 41.66 | HCORE         | FALSE     |                | -0.01       | 9.60        | 636.00      | 1870.00     |           |            | -0.01     |
| K-12-0433 | M365598                  | 41.66  | 42.97 | HCORE         | FALSE     |                | 0.02        | 39.60       | 56.00       | 266.00      |           |            | 0.02      |
| K-12-0433 | M365599                  | 42.97  | 43.87 | HCORE         | FALSE     |                | 0.02        | 77.60       | 127.00      | 1400.00     |           |            | 0.02      |
| K-12-0433 | M365600                  | 43.87  | 44.29 | HCORE         | FALSE     |                | 0.01        | 14.40       | 259.00      | 444.00      |           |            | 0.01      |
| K-12-0433 | M365601                  | 44.29  | 45.28 | HCORE         | FALSE     |                | 0.01        | 1.30        | 71.00       | 211.00      |           |            | 0.01      |
| K-12-0433 | M365602                  | 45.28  | 47.42 | HCORE         | FALSE     |                | -0.01       | 0.60        | 86.00       | 187.00      |           |            | -0.01     |
| K-12-0433 | M365603                  | 47.42  | 48.42 | HCORE         | FALSE     |                | -0.01       | 1.40        | 300.00      | 327.00      |           |            | -0.01     |
| K-12-0433 | M365604                  | 48.42  | 50.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 21.00       | 207.00      |           |            | 0.01      |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365605                  | 51.56  | 53.00 | HCORE         | FALSE     |                | 0.02        | 0.50        | 49.00       | 202.00      |           |            | 0.02      |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365607                  | 53.83  | 55.12 | HCORE         | FALSE     |                | -0.01       | 1.60        | 142.00      | 172.00      |           |            | -0.01     |
| K-12-0433 | M365608                  | 55.12  | 56.24 | HCORE         | FALSE     |                | 0.01        | 1.50        | 94.00       | 119.00      |           |            | 0.01      |
| K-12-0433 | M365609                  | 56.24  | 56.83 | HCORE         | FALSE     |                | 0.02        | 0.50        | 70.00       | 349.00      |           |            | 0.02      |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365610                  | 57.45  | 57.62 | HCORE         | FALSE     |                | 0.01        | 0.60        | 103.00      | 383.00      |           |            | 0.01      |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365612                  | 58.32  | 59.00 | HCORE         | FALSE     |                | 0.01        | 1.20        | 94.00       | 294.00      |           |            | 0.01      |
| K-12-0433 | M365613                  | 59.00  | 59.59 | HCORE         | FALSE     |                | 0.03        | 0.80        | 140.00      | 254.00      |           |            | 0.03      |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365614                  | 60.48  | 60.82 | HCORE         | FALSE     |                | 0.02        | -0.50       | 13.00       | 126.00      |           |            | 0.02      |
| K-12-0433 | M365615                  | 60.82  | 62.00 | HCORE         | TRUE      |                | 0.02        | -0.50       | 6.00        | 211.00      |           |            | 0.02      |
| K-12-0433 | M365616                  | 60.82  | 62.00 | DUP           | FALSE     | M365615        | 0.01        | -0.50       | 3.00        | 204.00      |           |            | 0.01      |
| K-12-0433 | M365617                  | 62.00  | 63.51 | HCORE         | FALSE     |                | 0.03        | -0.50       | 9.00        | 202.00      |           |            | 0.03      |
| K-12-0433 | M365618                  | 63.51  | 65.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 7.00        | 240.00      |           |            | 0.01      |
| K-12-0433 | M365619                  | 65.00  | 66.11 | HCORE         | FALSE     |                | 0.01        | 3.60        | 291.00      | 595.00      |           |            | 0.01      |
| K-12-0433 | M365620                  | 66.11  | 66.74 | HCORE         | FALSE     |                | 0.02        | 5.60        | 279.00      | 478.00      |           |            | 0.02      |
| K-12-0433 | M365621                  | 66.74  | 68.00 | HCORE         | FALSE     |                | 0.02        | 0.60        | 49.00       | 86.00       |           |            | 0.02      |
| K-12-0433 | M365622                  | 68.00  | 69.83 | HCORE         | FALSE     |                | 0.02        | 1.50        | 191.00      | 452.00      |           |            | 0.02      |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365623                  | 70.52  | 71.00 | HCORE         | FALSE     |                | 0.03        | -0.50       | 28.00       | 161.00      |           |            | 0.03      |
| K-12-0433 | M365624                  | 71.00  | 71.73 | HCORE         | FALSE     |                | -0.01       | -0.50       | 18.00       | 305.00      |           |            | -0.01     |
| K-12-0433 | M365626                  | 71.73  | 72.52 | HCORE         | FALSE     |                | -0.01       | -0.50       | 16.00       | 70.00       |           |            | -0.01     |
| K-12-0433 | M365627                  | 72.52  | 74.22 | HCORE         | FALSE     |                | 0.01        | -0.50       | 14.00       | 84.00       |           |            | 0.01      |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365628                  | 75.67  | 77.33 | HCORE         | FALSE     |                | 0.01        | -0.50       | 18.00       | 99.00       |           |            | 0.01      |
| K-12-0433 | M365629                  | 77.33  | 78.88 | HCORE         | TRUE      |                | 0.01        | -0.50       | 16.00       | 71.00       |           |            | 0.01      |
| K-12-0433 | M365630                  | 77.33  | 78.88 | DUP           | FALSE     | M365629        | 0.01        | -0.50       | 17.00       | 70.00       |           |            | 0.01      |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 | NR            | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365631                  | 79.65  | 80.00 | HCORE         | FALSE     |                | 0.02        | -0.50       | 19.00       | 182.00      |           |            | 0.02      |
| K-12-0433 | M365632                  | 80.00  | 81.88 | HCORE         | FALSE     |                | 0.02        | -0.50       | 43.00       | 133.00      |           |            | 0.02      |
| K-12-0433 | M365633                  | 81.88  | 83.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 28.00       | 75.00       |           |            | -0.01     |
| K-12-0433 | M365634                  | 83.00  | 85.47 | HCORE         | FALSE     |                | 0.04        | -0.50       | 20.00       | 139.00      |           |            | 0.04      |

## Drill Hole Assays

| Hole      | DHSample                 | From m | To m  | Ag AA ppm | Ag ICP ppm | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct |
|-----------|--------------------------|--------|-------|-----------|------------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|
| K-12-0433 | M365572                  | 13.55  | 14.74 |           | -0.50      |           |            | -2.00      |           | 118.00     |           | 8.05       | 19.00      |           |
| K-12-0433 | M365574                  | 14.74  | 15.56 |           | -0.50      |           |            | -2.00      |           | 47.00      |           | 5.39       | 6.00       |           |
| K-12-0433 | M365575                  | 15.56  | 17.00 |           | -0.50      |           |            | 11.00      |           | 44.00      |           | 8.79       | -5.00      |           |
| K-12-0433 | M365576                  | 17.00  | 18.26 |           | -0.50      |           |            | 26.00      |           | 42.00      |           | 5.54       | 20.00      |           |
| K-12-0433 | M365577                  | 18.26  | 19.78 |           | -0.50      |           |            | 33.00      |           | 126.00     |           | 5.70       | 25.00      |           |
| K-12-0433 | M365578                  | 19.78  | 21.48 |           | -0.50      |           |            | 28.00      |           | 102.00     |           | 0.75       | 16.00      |           |
| K-12-0433 | M365579                  | 21.48  | 22.28 |           | 2.00       |           |            | 665.00     |           | 1570.00    |           | 0.52       | 94.00      |           |
| K-12-0433 | M365580                  | 22.28  | 23.18 |           | -0.50      |           |            | 34.00      |           | 46.00      |           | 0.46       | 10.00      |           |
| K-12-0433 | M365581                  | 23.18  | 26.00 |           | -0.50      |           |            | 31.00      |           | 138.00     |           | 8.55       | 34.00      |           |
| K-12-0433 | M365582                  | 26.00  | 27.86 |           | -0.50      |           |            | 37.00      |           | 60.00      |           | 0.65       | 31.00      |           |
| K-12-0433 | M365583                  | 27.86  | 28.96 |           | 0.70       |           |            | 49.00      |           | 36.00      |           | 0.62       | 21.00      |           |
| K-12-0433 | M365585                  | 28.96  | 30.73 |           | -0.50      |           |            | 118.00     |           | 208.00     |           | 4.88       | 29.00      |           |
| K-12-0433 | M365586                  | 30.73  | 31.78 |           | 0.50       |           |            | 159.00     |           | 566.00     |           | 0.55       | 10.00      |           |
| K-12-0433 | M365587                  | 31.78  | 33.16 |           | 0.70       |           |            | 107.00     |           | 515.00     |           | 2.09       | 16.00      |           |
| K-12-0433 | M365589                  | 33.16  | 34.67 |           | -0.50      |           |            | 4.00       |           | 309.00     |           | 7.61       | 7.00       |           |
| K-12-0433 | M365590                  | 34.67  | 35.69 |           | -0.50      |           |            | -2.00      |           | 92.00      |           | 4.23       | -5.00      |           |
| K-12-0433 | M365591                  | 35.69  | 36.22 |           | -0.50      |           |            | 11.00      |           | 83.00      |           | 5.89       | 8.00       |           |
| K-12-0433 | M365592                  | 36.22  | 37.62 |           | 3.60       |           |            | 207.00     |           | 379.00     |           | 2.82       | 89.00      |           |
| K-12-0433 | M365593                  | 37.62  | 38.00 |           | 7.90       |           |            | 832.00     |           | 1960.00    |           | 0.51       | 51.00      |           |
| K-12-0433 | M365594                  | 38.00  | 39.26 |           | 6.70       |           |            | 156.00     |           | 348.00     |           | 1.78       | 186.00     |           |
| K-12-0433 | M365595                  | 38.00  | 39.26 |           | 6.10       |           |            | 156.00     |           | 342.00     |           | 1.73       | 182.00     |           |
| K-12-0433 | M365596                  | 39.26  | 41.00 |           | 3.60       |           |            | 174.00     |           | 715.00     |           | 2.06       | 87.00      |           |
| K-12-0433 | M365597                  | 41.00  | 41.66 |           | 9.60       |           |            | 636.00     |           | 1870.00    |           | 4.24       | 40.00      |           |
| K-12-0433 | M365598                  | 41.66  | 42.97 |           | 39.60      |           |            | 56.00      |           | 266.00     |           | 0.65       | 55.00      |           |
| K-12-0433 | M365599                  | 42.97  | 43.87 |           | 77.60      |           |            | 127.00     |           | 1400.00    |           | 0.37       | 46.00      |           |
| K-12-0433 | M365600                  | 43.87  | 44.29 |           | 14.40      |           |            | 259.00     |           | 444.00     |           | 4.77       | 37.00      |           |
| K-12-0433 | M365601                  | 44.29  | 45.28 |           | 1.30       |           |            | 71.00      |           | 211.00     |           | 0.59       | 9.00       |           |
| K-12-0433 | M365602                  | 45.28  | 47.42 |           | 0.60       |           |            | 86.00      |           | 187.00     |           | 1.72       | 15.00      |           |
| K-12-0433 | M365603                  | 47.42  | 48.42 |           | 1.40       |           |            | 300.00     |           | 327.00     |           | 3.21       | 26.00      |           |
| K-12-0433 | M365604                  | 48.42  | 50.00 |           | -0.50      |           |            | 21.00      |           | 207.00     |           | 0.84       | -5.00      |           |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365605                  | 51.56  | 53.00 |           | 0.50       |           |            | 49.00      |           | 202.00     |           | 7.11       | 24.00      |           |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365607                  | 53.83  | 55.12 |           | 1.60       |           |            | 142.00     |           | 172.00     |           | 4.41       | 21.00      |           |
| K-12-0433 | M365608                  | 55.12  | 56.24 |           | 1.50       |           |            | 94.00      |           | 119.00     |           | 2.01       | 21.00      |           |
| K-12-0433 | M365609                  | 56.24  | 56.83 |           | 0.50       |           |            | 70.00      |           | 349.00     |           | 1.29       | 79.00      |           |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365610                  | 57.45  | 57.62 |           | 0.60       |           |            | 103.00     |           | 383.00     |           | 1.31       | 20.00      |           |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365612                  | 58.32  | 59.00 |           | 1.20       |           |            | 94.00      |           | 294.00     |           | 3.79       | 30.00      |           |
| K-12-0433 | M365613                  | 59.00  | 59.59 |           | 0.80       |           |            | 140.00     |           | 254.00     |           | 2.94       | 12.00      |           |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365614                  | 60.48  | 60.82 |           | -0.50      |           |            | 13.00      |           | 126.00     |           | 3.48       | 13.00      |           |
| K-12-0433 | M365615                  | 60.82  | 62.00 |           | -0.50      |           |            | 6.00       |           | 211.00     |           | 7.06       | -5.00      |           |
| K-12-0433 | M365616                  | 60.82  | 62.00 |           | -0.50      |           |            | 3.00       |           | 204.00     |           | 6.94       | -5.00      |           |
| K-12-0433 | M365617                  | 62.00  | 63.51 |           | -0.50      |           |            | 9.00       |           | 202.00     |           | 5.93       | 43.00      |           |
| K-12-0433 | M365618                  | 63.51  | 65.00 |           | -0.50      |           |            | 7.00       |           | 240.00     |           | 6.21       | 78.00      |           |
| K-12-0433 | M365619                  | 65.00  | 66.11 |           | 3.60       |           |            | 291.00     |           | 595.00     |           | 6.07       | 171.00     |           |
| K-12-0433 | M365620                  | 66.11  | 66.74 |           | 5.60       |           |            | 279.00     |           | 478.00     |           | 6.69       | 334.00     |           |
| K-12-0433 | M365621                  | 66.74  | 68.00 |           | 0.60       |           |            | 49.00      |           | 86.00      |           | 1.52       | 111.00     |           |
| K-12-0433 | M365622                  | 68.00  | 69.83 |           | 1.50       |           |            | 191.00     |           | 452.00     |           | 0.39       | 116.00     |           |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365623                  | 70.52  | 71.00 |           | -0.50      |           |            | 28.00      |           | 161.00     |           | 0.52       | 136.00     |           |
| K-12-0433 | M365624                  | 71.00  | 71.73 |           | -0.50      |           |            | 18.00      |           | 305.00     |           | 0.48       | 201.00     |           |
| K-12-0433 | M365626                  | 71.73  | 72.52 |           | -0.50      |           |            | 16.00      |           | 70.00      |           | 0.39       | 140.00     |           |
| K-12-0433 | M365627                  | 72.52  | 74.22 |           | -0.50      |           |            | 14.00      |           | 84.00      |           | 10.70      | 56.00      |           |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365628                  | 75.67  | 77.33 |           | -0.50      |           |            | 18.00      |           | 99.00      |           | 5.35       | 46.00      |           |
| K-12-0433 | M365629                  | 77.33  | 78.88 |           | -0.50      |           |            | 16.00      |           | 71.00      |           | 0.90       | 8.00       |           |
| K-12-0433 | M365630                  | 77.33  | 78.88 |           | -0.50      |           |            | 17.00      |           | 70.00      |           | 0.88       | 6.00       |           |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365631                  | 79.65  | 80.00 |           | -0.50      |           |            | 19.00      |           | 182.00     |           | 5.19       | 38.00      |           |
| K-12-0433 | M365632                  | 80.00  | 81.88 |           | -0.50      |           |            | 43.00      |           | 133.00     |           | 3.33       | 27.00      |           |
| K-12-0433 | M365633                  | 81.88  | 83.00 |           | -0.50      |           |            | 28.00      |           | 75.00      |           | 2.32       | 18.00      |           |
| K-12-0433 | M365634                  | 83.00  | 85.47 |           | -0.50      |           |            | 20.00      |           | 139.00     |           | 5.99       | 35.00      |           |

## Drill Hole Assays

| Hole      | DH Sample                | From m | To m  | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm |
|-----------|--------------------------|--------|-------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0433 | M365572                  | 13.55  | 14.74 | 220.00     | 0.50       | -2.00      | 4.77       | -0.50      |           |            | 37.00      | 169.00     |            | 133.00     |
| K-12-0433 | M365574                  | 14.74  | 15.56 | 1830.00    | 1.30       | -2.00      | 0.29       | -0.50      |           |            | 6.00       | 89.00      |            | 25.00      |
| K-12-0433 | M365575                  | 15.56  | 17.00 | 1660.00    | 2.50       | -2.00      | 0.27       | -0.50      |           |            | 3.00       | 126.00     |            | 9.00       |
| K-12-0433 | M365576                  | 17.00  | 18.26 | 1050.00    | 1.50       | -2.00      | 0.12       | -0.50      |           |            | 2.00       | 91.00      |            | 16.00      |
| K-12-0433 | M365577                  | 18.26  | 19.78 | 1000.00    | 1.80       | -2.00      | 0.11       | -0.50      |           |            | 4.00       | 97.00      |            | 15.00      |
| K-12-0433 | M365578                  | 19.78  | 21.48 | 150.00     | -0.50      | -2.00      | 0.02       | 1.60       |           |            | 2.00       | 38.00      |            | -1.00      |
| K-12-0433 | M365579                  | 21.48  | 22.28 | 340.00     | -0.50      | -2.00      | 0.12       | 24.10      |           |            | 15.00      | 21.00      |            | 2.00       |
| K-12-0433 | M365580                  | 22.28  | 23.18 | 110.00     | -0.50      | -2.00      | 0.02       | -0.50      |           |            | -1.00      | 36.00      |            | -1.00      |
| K-12-0433 | M365581                  | 23.18  | 26.00 | 290.00     | 1.80       | -2.00      | 0.15       | 1.40       |           |            | 2.00       | 173.00     |            | -1.00      |
| K-12-0433 | M365582                  | 26.00  | 27.86 | 100.00     | -0.50      | -2.00      | 0.02       | 0.70       |           |            | -1.00      | 33.00      |            | -1.00      |
| K-12-0433 | M365583                  | 27.86  | 28.96 | 110.00     | -0.50      | -2.00      | 0.02       | -0.50      |           |            | -1.00      | 41.00      |            | 4.00       |
| K-12-0433 | M365585                  | 28.96  | 30.73 | 970.00     | 1.40       | -2.00      | 0.10       | 3.30       |           |            | 2.00       | 86.00      |            | 7.00       |
| K-12-0433 | M365586                  | 30.73  | 31.78 | 60.00      | -0.50      | -2.00      | 0.11       | 7.70       |           |            | 3.00       | 27.00      |            | 14.00      |
| K-12-0433 | M365587                  | 31.78  | 33.16 | 470.00     | 0.50       | -2.00      | 1.51       | 6.00       |           |            | 4.00       | 56.00      |            | 30.00      |
| K-12-0433 | M365589                  | 33.16  | 34.67 | 130.00     | 0.70       | -2.00      | 6.85       | 1.80       |           |            | 41.00      | 123.00     |            | 162.00     |
| K-12-0433 | M365590                  | 34.67  | 35.69 | 1450.00    | 1.10       | -2.00      | 0.63       | 0.50       |           |            | 3.00       | 67.00      |            | 11.00      |
| K-12-0433 | M365591                  | 35.69  | 36.22 | 1310.00    | 1.10       | -2.00      | 0.20       | 2.00       |           |            | 4.00       | 100.00     |            | 11.00      |
| K-12-0433 | M365592                  | 36.22  | 37.62 | 560.00     | 0.70       | -2.00      | 0.07       | 5.00       |           |            | 5.00       | 54.00      |            | 25.00      |
| K-12-0433 | M365593                  | 37.62  | 38.00 | 70.00      | -0.50      | -2.00      | 0.17       | 20.60      |           |            | 15.00      | 28.00      |            | 24.00      |
| K-12-0433 | M365594                  | 38.00  | 39.26 | 440.00     | -0.50      | -2.00      | 0.10       | 5.00       |           |            | 2.00       | 43.00      |            | 31.00      |
| K-12-0433 | M365595                  | 38.00  | 39.26 | 430.00     | -0.50      | -2.00      | 0.09       | 4.90       |           |            | 2.00       | 44.00      |            | 29.00      |
| K-12-0433 | M365596                  | 39.26  | 41.00 | 420.00     | -0.50      | -2.00      | 0.13       | 7.20       |           |            | 5.00       | 43.00      |            | 24.00      |
| K-12-0433 | M365597                  | 41.00  | 41.66 | 890.00     | 1.20       | -2.00      | 0.19       | 25.20      |           |            | 1.00       | 68.00      |            | 39.00      |
| K-12-0433 | M365598                  | 41.66  | 42.97 | 140.00     | -0.50      | -2.00      | 0.04       | 5.00       |           |            | 1.00       | 30.00      |            | 128.00     |
| K-12-0433 | M365599                  | 42.97  | 43.87 | 40.00      | -0.50      | -2.00      | 0.08       | 17.10      |           |            | -1.00      | 35.00      |            | 322.00     |
| K-12-0433 | M365600                  | 43.87  | 44.29 | 1190.00    | 1.10       | -2.00      | 0.21       | 5.80       |           |            | 3.00       | 79.00      |            | 106.00     |
| K-12-0433 | M365601                  | 44.29  | 45.28 | 120.00     | -0.50      | -2.00      | 0.08       | 4.60       |           |            | 2.00       | 28.00      |            | 17.00      |
| K-12-0433 | M365602                  | 45.28  | 47.42 | 440.00     | -0.50      | -2.00      | 0.06       | 2.70       |           |            | 4.00       | 51.00      |            | 8.00       |
| K-12-0433 | M365603                  | 47.42  | 48.42 | 670.00     | 0.80       | -2.00      | 0.09       | 1.70       |           |            | 5.00       | 61.00      |            | 17.00      |
| K-12-0433 | M365604                  | 48.42  | 50.00 | 130.00     | -0.50      | -2.00      | 0.08       | 1.90       |           |            | 5.00       | 34.00      |            | 8.00       |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365605                  | 51.56  | 53.00 | 1280.00    | 2.00       | -2.00      | 0.16       | 1.10       |           |            | 5.00       | 112.00     |            | 24.00      |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365607                  | 53.83  | 55.12 | 810.00     | 1.10       | -2.00      | 0.08       | 1.10       |           |            | 4.00       | 80.00      |            | 20.00      |
| K-12-0433 | M365608                  | 55.12  | 56.24 | 360.00     | 0.50       | -2.00      | 0.05       | 1.20       |           |            | 3.00       | 47.00      |            | 7.00       |
| K-12-0433 | M365609                  | 56.24  | 56.83 | 230.00     | -0.50      | -2.00      | 0.08       | 4.70       |           |            | 5.00       | 39.00      |            | 6.00       |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365610                  | 57.45  | 57.62 | 210.00     | 0.50       | -2.00      | 0.07       | 2.00       |           |            | 8.00       | 36.00      |            | 6.00       |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365612                  | 58.32  | 59.00 | 670.00     | 1.10       | -2.00      | 0.15       | 1.70       |           |            | 5.00       | 69.00      |            | 11.00      |
| K-12-0433 | M365613                  | 59.00  | 59.59 | 600.00     | 0.80       | -2.00      | 0.09       | 3.50       |           |            | 8.00       | 62.00      |            | 15.00      |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365614                  | 60.48  | 60.82 | 770.00     | 0.80       | -2.00      | 0.17       | 1.10       |           |            | 9.00       | 62.00      |            | 24.00      |
| K-12-0433 | M365615                  | 60.82  | 62.00 | 150.00     | 0.60       | -2.00      | 2.70       | 0.90       |           |            | 49.00      | 17.00      |            | 207.00     |
| K-12-0433 | M365616                  | 60.82  | 62.00 | 150.00     | 0.60       | -2.00      | 2.84       | 0.80       |           |            | 47.00      | 16.00      |            | 203.00     |
| K-12-0433 | M365617                  | 62.00  | 63.51 | 40.00      | 0.60       | -2.00      | 4.55       | -0.50      |           |            | 47.00      | 2.00       |            | 406.00     |
| K-12-0433 | M365618                  | 63.51  | 65.00 | 170.00     | 0.80       | -2.00      | 3.49       | 0.80       |           |            | 38.00      | 5.00       |            | 206.00     |
| K-12-0433 | M365619                  | 65.00  | 66.11 | 820.00     | 0.90       | -2.00      | 5.73       | 5.20       |           |            | 35.00      | 29.00      |            | 151.00     |
| K-12-0433 | M365620                  | 66.11  | 66.74 | 2410.00    | 1.70       | -2.00      | 0.15       | 2.40       |           |            | 13.00      | 106.00     |            | 26.00      |
| K-12-0433 | M365621                  | 66.74  | 68.00 | 580.00     | -0.50      | -2.00      | 0.05       | -0.50      |           |            | 4.00       | 42.00      |            | 4.00       |
| K-12-0433 | M365622                  | 68.00  | 69.83 | 140.00     | -0.50      | -2.00      | 0.06       | 6.60       |           |            | 5.00       | 33.00      |            | 6.00       |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365623                  | 70.52  | 71.00 | 190.00     | -0.50      | -2.00      | 0.04       | 1.30       |           |            | 5.00       | 34.00      |            | 3.00       |
| K-12-0433 | M365624                  | 71.00  | 71.73 | 110.00     | -0.50      | -2.00      | 0.08       | 7.60       |           |            | 8.00       | 19.00      |            | 6.00       |
| K-12-0433 | M365626                  | 71.73  | 72.52 | 130.00     | -0.50      | -2.00      | 0.06       | 0.50       |           |            | 4.00       | 25.00      |            | 6.00       |
| K-12-0433 | M365627                  | 72.52  | 74.22 | 2020.00    | 3.10       | -2.00      | 0.23       | -0.50      |           |            | 6.00       | 119.00     |            | 18.00      |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365628                  | 75.67  | 77.33 | 1110.00    | 1.60       | -2.00      | 0.14       | 0.60       |           |            | 13.00      | 77.00      |            | 22.00      |
| K-12-0433 | M365629                  | 77.33  | 78.88 | 160.00     | -0.50      | -2.00      | 0.08       | -0.50      |           |            | 4.00       | 38.00      |            | 4.00       |
| K-12-0433 | M365630                  | 77.33  | 78.88 | 160.00     | -0.50      | -2.00      | 0.08       | -0.50      |           |            | 5.00       | 35.00      |            | 4.00       |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365631                  | 79.65  | 80.00 | 1010.00    | 1.50       | -2.00      | 0.18       | 1.10       |           |            | 8.00       | 94.00      |            | 11.00      |
| K-12-0433 | M365632                  | 80.00  | 81.88 | 640.00     | 0.90       | -2.00      | 0.14       | 0.80       |           |            | 7.00       | 68.00      |            | 10.00      |
| K-12-0433 | M365633                  | 81.88  | 83.00 | 470.00     | 0.60       | -2.00      | 0.08       | 0.60       |           |            | 4.00       | 54.00      |            | 7.00       |
| K-12-0433 | M365634                  | 83.00  | 85.47 | 1020.00    | 1.90       | -2.00      | 1.11       | 0.90       |           |            | 16.00      | 86.00      |            | 20.00      |

## Drill Hole Assays

| Hole      | DH Sample                | From m | To m  | Cu OL pct | Fe ICP pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct |
|-----------|--------------------------|--------|-------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|
| K-12-0433 | M365572                  | 13.55  | 14.74 |           | 8.57       | 20.00      |            |            |            |            | 0.15      | 20.00      |            | 4.10       |
| K-12-0433 | M365574                  | 14.74  | 15.56 |           | 2.82       | 10.00      |            |            |            |            | 1.26      | 20.00      |            | 0.45       |
| K-12-0433 | M365575                  | 15.56  | 17.00 |           | 2.75       | 20.00      |            |            |            |            | 1.80      | 30.00      |            | 0.40       |
| K-12-0433 | M365576                  | 17.00  | 18.26 |           | 2.08       | 10.00      |            |            |            |            | 1.26      | 30.00      |            | 0.26       |
| K-12-0433 | M365577                  | 18.26  | 19.78 |           | 2.06       | 10.00      |            |            |            |            | 1.37      | 30.00      |            | 0.28       |
| K-12-0433 | M365578                  | 19.78  | 21.48 |           | 1.56       | -10.00     |            |            |            |            | 0.22      | 10.00      |            | 0.03       |
| K-12-0433 | M365579                  | 21.48  | 22.28 |           | 9.43       | -10.00     |            |            |            |            | 0.13      | -10.00     |            | 0.03       |
| K-12-0433 | M365580                  | 22.28  | 23.18 |           | 0.69       | -10.00     |            |            |            |            | 0.15      | 10.00      |            | 0.02       |
| K-12-0433 | M365581                  | 23.18  | 26.00 |           | 1.56       | 20.00      |            |            |            |            | 3.47      | 10.00      |            | 0.15       |
| K-12-0433 | M365582                  | 26.00  | 27.86 |           | 0.71       | -10.00     |            |            |            |            | 0.20      | 10.00      |            | 0.02       |
| K-12-0433 | M365583                  | 27.86  | 28.96 |           | 0.66       | -10.00     |            |            |            |            | 0.20      | 10.00      |            | 0.02       |
| K-12-0433 | M365585                  | 28.96  | 30.73 |           | 1.51       | 10.00      |            |            |            |            | 1.43      | 30.00      |            | 0.12       |
| K-12-0433 | M365586                  | 30.73  | 31.78 |           | 1.82       | -10.00     |            |            |            |            | 0.11      | 10.00      |            | 0.15       |
| K-12-0433 | M365587                  | 31.78  | 33.16 |           | 1.95       | 10.00      |            |            |            |            | 0.54      | 10.00      |            | 0.29       |
| K-12-0433 | M365589                  | 33.16  | 34.67 |           | 7.61       | 20.00      |            |            |            |            | 0.14      | 10.00      |            | 3.45       |
| K-12-0433 | M365590                  | 34.67  | 35.69 |           | 2.01       | 10.00      |            |            |            |            | 1.19      | 20.00      |            | 0.27       |
| K-12-0433 | M365591                  | 35.69  | 36.22 |           | 3.48       | 10.00      |            |            |            |            | 1.54      | 30.00      |            | 0.64       |
| K-12-0433 | M365592                  | 36.22  | 37.62 |           | 1.92       | 10.00      |            |            |            |            | 0.88      | 20.00      |            | 0.10       |
| K-12-0433 | M365593                  | 37.62  | 38.00 |           | 2.51       | -10.00     |            |            |            |            | 0.17      | 10.00      |            | 0.05       |
| K-12-0433 | M365594                  | 38.00  | 39.26 |           | 1.59       | -10.00     |            |            |            |            | 0.57      | 10.00      |            | 0.07       |
| K-12-0433 | M365595                  | 38.00  | 39.26 |           | 1.55       | -10.00     |            |            |            |            | 0.55      | 10.00      |            | 0.06       |
| K-12-0433 | M365596                  | 39.26  | 41.00 |           | 2.00       | 10.00      |            |            |            |            | 0.58      | 10.00      |            | 0.13       |
| K-12-0433 | M365597                  | 41.00  | 41.66 |           | 3.37       | 10.00      |            |            |            |            | 1.31      | 20.00      |            | 0.10       |
| K-12-0433 | M365598                  | 41.66  | 42.97 |           | 1.37       | -10.00     |            |            |            |            | 0.22      | 10.00      |            | 0.02       |
| K-12-0433 | M365599                  | 42.97  | 43.87 |           | 2.73       | -10.00     |            |            |            |            | 0.13      | 10.00      |            | 0.04       |
| K-12-0433 | M365600                  | 43.87  | 44.29 |           | 2.50       | 10.00      |            |            |            |            | 1.64      | 30.00      |            | 0.15       |
| K-12-0433 | M365601                  | 44.29  | 45.28 |           | 1.18       | -10.00     |            |            |            |            | 0.21      | 10.00      |            | 0.02       |
| K-12-0433 | M365602                  | 45.28  | 47.42 |           | 0.87       | -10.00     |            |            |            |            | 0.58      | 10.00      |            | 0.07       |
| K-12-0433 | M365603                  | 47.42  | 48.42 |           | 1.76       | 10.00      |            |            |            |            | 1.06      | 20.00      |            | 0.09       |
| K-12-0433 | M365604                  | 48.42  | 50.00 |           | 0.94       | -10.00     |            |            |            |            | 0.21      | 10.00      |            | 0.09       |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365605                  | 51.56  | 53.00 |           | 2.94       | 20.00      |            |            |            |            | 1.83      | 30.00      |            | 0.25       |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365607                  | 53.83  | 55.12 |           | 2.12       | 10.00      |            |            |            |            | 1.30      | 20.00      |            | 0.18       |
| K-12-0433 | M365608                  | 55.12  | 56.24 |           | 1.35       | -10.00     |            |            |            |            | 0.56      | 10.00      |            | 0.08       |
| K-12-0433 | M365609                  | 56.24  | 56.83 |           | 4.95       | -10.00     |            |            |            |            | 0.38      | 10.00      |            | 0.06       |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365610                  | 57.45  | 57.62 |           | 3.10       | -10.00     |            |            |            |            | 0.37      | 10.00      |            | 0.03       |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365612                  | 58.32  | 59.00 |           | 3.01       | 10.00      |            |            |            |            | 1.04      | 20.00      |            | 0.17       |
| K-12-0433 | M365613                  | 59.00  | 59.59 |           | 1.71       | 10.00      |            |            |            |            | 0.80      | 20.00      |            | 0.16       |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365614                  | 60.48  | 60.82 |           | 2.13       | 10.00      |            |            |            |            | 0.79      | 20.00      |            | 0.44       |
| K-12-0433 | M365615                  | 60.82  | 62.00 |           | 10.40      | 20.00      |            |            |            |            | 0.06      | 10.00      |            | 3.54       |
| K-12-0433 | M365616                  | 60.82  | 62.00 |           | 10.30      | 20.00      |            |            |            |            | 0.05      | 10.00      |            | 3.50       |
| K-12-0433 | M365617                  | 62.00  | 63.51 |           | 13.50      | 20.00      |            |            |            |            | 0.04      | 10.00      |            | 2.30       |
| K-12-0433 | M365618                  | 63.51  | 65.00 |           | 12.55      | 20.00      |            |            |            |            | 0.27      | 10.00      |            | 2.25       |
| K-12-0433 | M365619                  | 65.00  | 66.11 |           | 8.47       | 20.00      |            |            |            |            | 0.92      | 10.00      |            | 2.27       |
| K-12-0433 | M365620                  | 66.11  | 66.74 |           | 2.92       | 20.00      |            |            |            |            | 2.30      | 30.00      |            | 0.16       |
| K-12-0433 | M365621                  | 66.74  | 68.00 |           | 0.80       | -10.00     |            |            |            |            | 0.53      | 10.00      |            | 0.05       |
| K-12-0433 | M365622                  | 68.00  | 69.83 |           | 2.04       | -10.00     |            |            |            |            | 0.14      | 10.00      |            | 0.02       |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365623                  | 70.52  | 71.00 |           | 0.98       | -10.00     |            |            |            |            | 0.14      | 10.00      |            | 0.03       |
| K-12-0433 | M365624                  | 71.00  | 71.73 |           | 2.74       | -10.00     |            |            |            |            | 0.09      | 10.00      |            | 0.02       |
| K-12-0433 | M365626                  | 71.73  | 72.52 |           | 0.81       | -10.00     |            |            |            |            | 0.12      | 10.00      |            | 0.04       |
| K-12-0433 | M365627                  | 72.52  | 74.22 |           | 4.60       | 30.00      |            |            |            |            | 2.11      | 40.00      |            | 0.51       |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365628                  | 75.67  | 77.33 |           | 2.46       | 10.00      |            |            |            |            | 1.30      | 30.00      |            | 0.20       |
| K-12-0433 | M365629                  | 77.33  | 78.88 |           | 0.79       | -10.00     |            |            |            |            | 0.24      | 10.00      |            | 0.05       |
| K-12-0433 | M365630                  | 77.33  | 78.88 |           | 0.71       | -10.00     |            |            |            |            | 0.24      | 10.00      |            | 0.04       |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365631                  | 79.65  | 80.00 |           | 1.51       | 10.00      |            |            |            |            | 1.45      | 30.00      |            | 0.12       |
| K-12-0433 | M365632                  | 80.00  | 81.88 |           | 1.31       | 10.00      |            |            |            |            | 0.94      | 20.00      |            | 0.08       |
| K-12-0433 | M365633                  | 81.88  | 83.00 |           | 1.29       | -10.00     |            |            |            |            | 0.68      | 10.00      |            | 0.06       |
| K-12-0433 | M365634                  | 83.00  | 85.47 |           | 2.96       | 10.00      |            |            |            |            | 1.09      | 30.00      |            | 0.17       |

## Drill Hole Assays

| Hole      | DH Sample                | From m | To m  | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm | Re ICP ppm | S ICP pct | Sb ICP ppm |
|-----------|--------------------------|--------|-------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|-----------|------------|
| K-12-0433 | M365572                  | 13.55  | 14.74 | 1440.00    | -1.00      | 0.07       |            | 94.00      | 690.00    |            |            |            | 0.03      | 6.00       |
| K-12-0433 | M365574                  | 14.74  | 15.56 | 143.00     | -1.00      | 0.33       |            | 25.00      | 840.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365575                  | 15.56  | 17.00 | 167.00     | -1.00      | 0.73       |            | 20.00      | 720.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365576                  | 17.00  | 18.26 | 108.00     | -1.00      | 0.43       |            | 10.00      | 400.00    |            |            |            | 0.03      | 6.00       |
| K-12-0433 | M365577                  | 18.26  | 19.78 | 126.00     | -1.00      | 0.41       |            | 24.00      | 380.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365578                  | 19.78  | 21.48 | 857.00     | -1.00      | 0.03       |            | 2.00       | 100.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365579                  | 21.48  | 22.28 | 27900.00   | 4.00       | 0.01       |            | 17.00      | 310.00    |            |            |            | 0.07      | 8.00       |
| K-12-0433 | M365580                  | 22.28  | 23.18 | 297.00     | -1.00      | 0.01       |            | -1.00      | 90.00     |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365581                  | 23.18  | 26.00 | 359.00     | -1.00      | 0.08       |            | 7.00       | 520.00    |            |            |            | 0.01      | 12.00      |
| K-12-0433 | M365582                  | 26.00  | 27.86 | 77.00      | -1.00      | 0.02       |            | -1.00      | 90.00     |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365583                  | 27.86  | 28.96 | 87.00      | -1.00      | 0.02       |            | -1.00      | 80.00     |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365585                  | 28.96  | 30.73 | 1070.00    | -1.00      | 0.29       |            | 12.00      | 400.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365586                  | 30.73  | 31.78 | 3740.00    | -1.00      | 0.01       |            | 4.00       | 380.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365587                  | 31.78  | 33.16 | 799.00     | -1.00      | 0.11       |            | 11.00      | 560.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365589                  | 33.16  | 34.67 | 1525.00    | -1.00      | 0.92       |            | 76.00      | 650.00    |            |            |            | 0.01      | 8.00       |
| K-12-0433 | M365590                  | 34.67  | 35.69 | 332.00     | -1.00      | 0.34       |            | 8.00       | 510.00    |            |            |            | 0.01      | 5.00       |
| K-12-0433 | M365591                  | 35.69  | 36.22 | 277.00     | -1.00      | 0.25       |            | 17.00      | 590.00    |            |            |            | -0.01     | 6.00       |
| K-12-0433 | M365592                  | 36.22  | 37.62 | 1110.00    | -1.00      | 0.09       |            | 16.00      | 390.00    |            |            |            | 0.01      | 7.00       |
| K-12-0433 | M365593                  | 37.62  | 38.00 | 12100.00   | 3.00       | 0.01       |            | 44.00      | 540.00    |            |            |            | 0.03      | 13.00      |
| K-12-0433 | M365594                  | 38.00  | 39.26 | 2590.00    | -1.00      | 0.05       |            | 6.00       | 370.00    |            |            |            | 0.03      | 8.00       |
| K-12-0433 | M365595                  | 38.00  | 39.26 | 2520.00    | -1.00      | 0.05       |            | 7.00       | 370.00    |            |            |            | 0.02      | 8.00       |
| K-12-0433 | M365596                  | 39.26  | 41.00 | 4110.00    | -1.00      | 0.05       |            | 14.00      | 490.00    |            |            |            | 0.02      | 7.00       |
| K-12-0433 | M365597                  | 41.00  | 41.66 | 11700.00   | 1.00       | 0.17       |            | 6.00       | 580.00    |            |            |            | 0.04      | 19.00      |
| K-12-0433 | M365598                  | 41.66  | 42.97 | 2590.00    | -1.00      | 0.02       |            | -1.00      | 210.00    |            |            |            | 0.01      | 49.00      |
| K-12-0433 | M365599                  | 42.97  | 43.87 | 4780.00    | -1.00      | 0.01       |            | -1.00      | 370.00    |            |            |            | 0.08      | 152.00     |
| K-12-0433 | M365600                  | 43.87  | 44.29 | 2700.00    | 4.00       | 0.16       |            | 8.00       | 890.00    |            |            |            | 0.03      | 18.00      |
| K-12-0433 | M365601                  | 44.29  | 45.28 | 2530.00    | 4.00       | 0.02       |            | 3.00       | 320.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365602                  | 45.28  | 47.42 | 1155.00    | 2.00       | 0.05       |            | 7.00       | 250.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365603                  | 47.42  | 48.42 | 610.00     | 3.00       | 0.11       |            | 10.00      | 490.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365604                  | 48.42  | 50.00 | 836.00     | 3.00       | 0.02       |            | 14.00      | 350.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365605                  | 51.56  | 53.00 | 825.00     | 4.00       | 0.38       |            | 24.00      | 540.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365607                  | 53.83  | 55.12 | 358.00     | 4.00       | 0.14       |            | 17.00      | 430.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365608                  | 55.12  | 56.24 | 930.00     | 3.00       | 0.08       |            | 7.00       | 240.00    |            |            |            | 0.03      | -5.00      |
| K-12-0433 | M365609                  | 56.24  | 56.83 | 15000.00   | 6.00       | 0.05       |            | 11.00      | 340.00    |            |            |            | 0.10      | -5.00      |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365610                  | 57.45  | 57.62 | 5240.00    | 3.00       | 0.04       |            | 39.00      | 330.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365612                  | 58.32  | 59.00 | 516.00     | 4.00       | 0.25       |            | 14.00      | 410.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365613                  | 59.00  | 59.59 | 1505.00    | 3.00       | 0.19       |            | 21.00      | 380.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365614                  | 60.48  | 60.82 | 431.00     | 2.00       | 0.21       |            | 23.00      | 450.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365615                  | 60.82  | 62.00 | 1865.00    | 2.00       | 0.67       |            | 46.00      | 860.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365616                  | 60.82  | 62.00 | 1825.00    | 2.00       | 0.69       |            | 48.00      | 830.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365617                  | 62.00  | 63.51 | 2390.00    | 2.00       | 0.08       |            | 11.00      | 1300.00   |            |            |            | 0.14      | -5.00      |
| K-12-0433 | M365618                  | 63.51  | 65.00 | 1940.00    | 3.00       | 0.43       |            | 42.00      | 820.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365619                  | 65.00  | 66.11 | 6960.00    | 3.00       | 0.63       |            | 55.00      | 660.00    |            |            |            | 0.10      | 17.00      |
| K-12-0433 | M365620                  | 66.11  | 66.74 | 1990.00    | 3.00       | 0.28       |            | 25.00      | 570.00    |            |            |            | 0.06      | 7.00       |
| K-12-0433 | M365621                  | 66.74  | 68.00 | 492.00     | 2.00       | 0.05       |            | 3.00       | 190.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365622                  | 68.00  | 69.83 | 4900.00    | 4.00       | 0.01       |            | 4.00       | 140.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365623                  | 70.52  | 71.00 | 668.00     | 3.00       | 0.02       |            | 8.00       | 160.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365624                  | 71.00  | 71.73 | 5540.00    | 5.00       | 0.01       |            | 18.00      | 280.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365626                  | 71.73  | 72.52 | 131.00     | 2.00       | 0.01       |            | 5.00       | 160.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365627                  | 72.52  | 74.22 | 163.00     | 2.00       | 0.61       |            | 30.00      | 900.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365628                  | 75.67  | 77.33 | 320.00     | 3.00       | 0.31       |            | 40.00      | 570.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365629                  | 77.33  | 78.88 | 187.00     | 2.00       | 0.03       |            | 12.00      | 330.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365630                  | 77.33  | 78.88 | 177.00     | 2.00       | 0.03       |            | 11.00      | 340.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365631                  | 79.65  | 80.00 | 115.00     | 3.00       | 0.30       |            | 26.00      | 600.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365632                  | 80.00  | 81.88 | 224.00     | 2.00       | 0.15       |            | 16.00      | 570.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365633                  | 81.88  | 83.00 | 161.00     | 3.00       | 0.10       |            | 7.00       | 440.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365634                  | 83.00  | 85.47 | 786.00     | 5.00       | 0.30       |            | 52.00      | 640.00    |            |            |            | 0.04      | -5.00      |

## Drill Hole Assays

| Hole      | DH Sample                | From m | To m  | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm | V ICP ppm |
|-----------|--------------------------|--------|-------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|
| K-12-0433 | M365572                  | 13.55  | 14.74 | 37.00      |            |            | 269.00     |            |            | -20.00     | 1.03       | -10.00     | -10.00    | 343.00    |
| K-12-0433 | M365574                  | 14.74  | 15.56 | 9.00       |            |            | 71.00      |            |            | -20.00     | 0.23       | -10.00     | -10.00    | 113.00    |
| K-12-0433 | M365575                  | 15.56  | 17.00 | 14.00      |            |            | 212.00     |            |            | 20.00      | 0.40       | -10.00     | -10.00    | 155.00    |
| K-12-0433 | M365576                  | 17.00  | 18.26 | 9.00       |            |            | 125.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    | 93.00     |
| K-12-0433 | M365577                  | 18.26  | 19.78 | 9.00       |            |            | 118.00     |            |            | -20.00     | 0.30       | -10.00     | -10.00    | 102.00    |
| K-12-0433 | M365578                  | 19.78  | 21.48 | 1.00       |            |            | 12.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 11.00     |
| K-12-0433 | M365579                  | 21.48  | 22.28 | 1.00       |            |            | 85.00      |            |            | -20.00     | 0.02       | -10.00     | -10.00    | 6.00      |
| K-12-0433 | M365580                  | 22.28  | 23.18 | 1.00       |            |            | 3.00       |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 8.00      |
| K-12-0433 | M365581                  | 23.18  | 26.00 | 20.00      |            |            | 20.00      |            |            | -20.00     | 1.13       | -10.00     | -10.00    | 352.00    |
| K-12-0433 | M365582                  | 26.00  | 27.86 | 1.00       |            |            | 5.00       |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 12.00     |
| K-12-0433 | M365583                  | 27.86  | 28.96 | 1.00       |            |            | 6.00       |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 10.00     |
| K-12-0433 | M365585                  | 28.96  | 30.73 | 8.00       |            |            | 81.00      |            |            | -20.00     | 0.28       | -10.00     | -10.00    | 92.00     |
| K-12-0433 | M365586                  | 30.73  | 31.78 | 1.00       |            |            | 12.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 10.00     |
| K-12-0433 | M365587                  | 31.78  | 33.16 | 3.00       |            |            | 36.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    | 40.00     |
| K-12-0433 | M365589                  | 33.16  | 34.67 | 32.00      |            |            | 289.00     |            |            | -20.00     | 0.93       | -10.00     | -10.00    | 299.00    |
| K-12-0433 | M365590                  | 34.67  | 35.69 | 7.00       |            |            | 66.00      |            |            | -20.00     | 0.27       | -10.00     | -10.00    | 75.00     |
| K-12-0433 | M365591                  | 35.69  | 36.22 | 10.00      |            |            | 47.00      |            |            | -20.00     | 0.37       | -10.00     | -10.00    | 114.00    |
| K-12-0433 | M365592                  | 36.22  | 37.62 | 5.00       |            |            | 26.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    | 55.00     |
| K-12-0433 | M365593                  | 37.62  | 38.00 | 1.00       |            |            | 45.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 9.00      |
| K-12-0433 | M365594                  | 38.00  | 39.26 | 3.00       |            |            | 25.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    | 35.00     |
| K-12-0433 | M365595                  | 38.00  | 39.26 | 3.00       |            |            | 24.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    | 35.00     |
| K-12-0433 | M365596                  | 39.26  | 41.00 | 4.00       |            |            | 36.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    | 39.00     |
| K-12-0433 | M365597                  | 41.00  | 41.66 | 7.00       |            |            | 110.00     |            |            | -20.00     | 0.18       | -10.00     | -10.00    | 81.00     |
| K-12-0433 | M365598                  | 41.66  | 42.97 | 1.00       |            |            | 16.00      |            |            | -20.00     | 0.07       | -10.00     | -10.00    | 10.00     |
| K-12-0433 | M365599                  | 42.97  | 43.87 | 1.00       |            |            | 12.00      |            |            | -20.00     | 0.05       | -10.00     | -10.00    | 5.00      |
| K-12-0433 | M365600                  | 43.87  | 44.29 | 8.00       |            |            | 67.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    | 94.00     |
| K-12-0433 | M365601                  | 44.29  | 45.28 | 1.00       |            |            | 15.00      |            |            | -20.00     | 0.04       | -10.00     | -10.00    | 11.00     |
| K-12-0433 | M365602                  | 45.28  | 47.42 | 2.00       |            |            | 19.00      |            |            | -20.00     | 0.11       | -10.00     | -10.00    | 33.00     |
| K-12-0433 | M365603                  | 47.42  | 48.42 | 5.00       |            |            | 47.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    | 62.00     |
| K-12-0433 | M365604                  | 48.42  | 50.00 | 1.00       |            |            | 13.00      |            |            | -20.00     | 0.07       | -10.00     | -10.00    | 15.00     |
| K-12-0433 | NR K-12-0433 50 51.56    | 50.00  | 51.56 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365605                  | 51.56  | 53.00 | 11.00      |            |            | 131.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    | 134.00    |
| K-12-0433 | NR K-12-0433 53 53.83    | 53.00  | 53.83 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365607                  | 53.83  | 55.12 | 7.00       |            |            | 49.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    | 85.00     |
| K-12-0433 | M365608                  | 55.12  | 56.24 | 3.00       |            |            | 30.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    | 33.00     |
| K-12-0433 | M365609                  | 56.24  | 56.83 | 2.00       |            |            | 34.00      |            |            | -20.00     | 0.07       | -10.00     | -10.00    | 26.00     |
| K-12-0433 | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365610                  | 57.45  | 57.62 | 2.00       |            |            | 26.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 24.00     |
| K-12-0433 | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365612                  | 58.32  | 59.00 | 6.00       |            |            | 74.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    | 69.00     |
| K-12-0433 | M365613                  | 59.00  | 59.59 | 5.00       |            |            | 47.00      |            |            | -20.00     | 0.17       | -10.00     | -10.00    | 53.00     |
| K-12-0433 | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365614                  | 60.48  | 60.82 | 7.00       |            |            | 49.00      |            |            | -20.00     | 0.24       | -10.00     | -10.00    | 78.00     |
| K-12-0433 | M365615                  | 60.82  | 62.00 | 37.00      |            |            | 144.00     |            |            | -20.00     | 1.24       | -10.00     | -10.00    | 438.00    |
| K-12-0433 | M365616                  | 60.82  | 62.00 | 37.00      |            |            | 152.00     |            |            | -20.00     | 1.24       | -10.00     | -10.00    | 440.00    |
| K-12-0433 | M365617                  | 62.00  | 63.51 | 40.00      |            |            | 163.00     |            |            | -20.00     | 1.94       | -10.00     | -10.00    | 463.00    |
| K-12-0433 | M365618                  | 63.51  | 65.00 | 40.00      |            |            | 188.00     |            |            | -20.00     | 1.77       | -10.00     | -10.00    | 687.00    |
| K-12-0433 | M365619                  | 65.00  | 66.11 | 29.00      |            |            | 355.00     |            |            | -20.00     | 0.90       | -10.00     | -10.00    | 299.00    |
| K-12-0433 | M365620                  | 66.11  | 66.74 | 12.00      |            |            | 93.00      |            |            | -20.00     | 0.33       | -10.00     | -10.00    | 139.00    |
| K-12-0433 | M365621                  | 66.74  | 68.00 | 2.00       |            |            | 18.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    | 28.00     |
| K-12-0433 | M365622                  | 68.00  | 69.83 | 1.00       |            |            | 22.00      |            |            | -20.00     | 0.04       | -10.00     | -10.00    | 7.00      |
| K-12-0433 | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365623                  | 70.52  | 71.00 | 1.00       |            |            | 8.00       |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 10.00     |
| K-12-0433 | M365624                  | 71.00  | 71.73 | 1.00       |            |            | 26.00      |            |            | -20.00     | 0.04       | -10.00     | -10.00    | 6.00      |
| K-12-0433 | M365626                  | 71.73  | 72.52 | 1.00       |            |            | 9.00       |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 7.00      |
| K-12-0433 | M365627                  | 72.52  | 74.22 | 18.00      |            |            | 265.00     |            |            | -20.00     | 0.46       | -10.00     | -10.00    | 164.00    |
| K-12-0433 | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365628                  | 75.67  | 77.33 | 9.00       |            |            | 134.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    | 89.00     |
| K-12-0433 | M365629                  | 77.33  | 78.88 | 1.00       |            |            | 11.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 15.00     |
| K-12-0433 | M365630                  | 77.33  | 78.88 | 1.00       |            |            | 11.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 15.00     |
| K-12-0433 | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365631                  | 79.65  | 80.00 | 8.00       |            |            | 91.00      |            |            | -20.00     | 0.30       | -10.00     | -10.00    | 97.00     |
| K-12-0433 | M365632                  | 80.00  | 81.88 | 5.00       |            |            | 47.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    | 63.00     |
| K-12-0433 | M365633                  | 81.88  | 83.00 | 4.00       |            |            | 30.00      |            |            | -20.00     | 0.17       | -10.00     | -10.00    | 42.00     |
| K-12-0433 | M365634                  | 83.00  | 85.47 | 10.00      |            |            | 106.00     |            |            | -20.00     | 0.31       | -10.00     | -10.00    | 107.00    |

| Drill Hole Assays |                          |        |       |           |           |            |         |            |             |               |                |          |            |
|-------------------|--------------------------|--------|-------|-----------|-----------|------------|---------|------------|-------------|---------------|----------------|----------|------------|
| Hole              | DH Sample                | From m | To m  | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab        | Certificate | Date Received | Date Finalized | Added By | Added Time |
| K-12-0433         | M365572                  | 13.55  | 14.74 | -10.00    |           |            | 2.88    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365574                  | 14.74  | 15.56 | -10.00    |           |            | 2.69    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365575                  | 15.56  | 17.00 | -10.00    |           |            | 2.71    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365576                  | 17.00  | 18.26 | -10.00    |           |            | 2.75    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365577                  | 18.26  | 19.78 | -10.00    |           |            | 2.76    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365578                  | 19.78  | 21.48 | -10.00    |           |            | 2.66    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365579                  | 21.48  | 22.28 | -10.00    |           |            | 2.87    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365580                  | 22.28  | 23.18 | -10.00    |           |            | 2.64    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365581                  | 23.18  | 26.00 | 70.00     |           |            | 2.72    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365582                  | 26.00  | 27.86 | -10.00    |           |            | 2.67    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365583                  | 27.86  | 28.96 | -10.00    |           |            | 2.62    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365585                  | 28.96  | 30.73 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365586                  | 30.73  | 31.78 | -10.00    |           |            | 2.74    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365587                  | 31.78  | 33.16 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365589                  | 33.16  | 34.67 | -10.00    |           |            | 2.97    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365590                  | 34.67  | 35.69 | -10.00    |           |            | 2.72    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365591                  | 35.69  | 36.22 | -10.00    |           |            | 2.74    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365592                  | 36.22  | 37.62 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365593                  | 37.62  | 38.00 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365594                  | 38.00  | 39.26 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365595                  | 38.00  | 39.26 | -10.00    |           |            |         | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365596                  | 39.26  | 41.00 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365597                  | 41.00  | 41.66 | -10.00    |           |            | 2.84    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365598                  | 41.66  | 42.97 | -10.00    |           |            | 2.75    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365599                  | 42.97  | 43.87 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365600                  | 43.87  | 44.29 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365601                  | 44.29  | 45.28 | -10.00    |           |            | 2.62    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365602                  | 45.28  | 47.42 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365603                  | 47.42  | 48.42 | -10.00    |           |            | 2.71    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365604                  | 48.42  | 50.00 | -10.00    |           |            | 2.65    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 50 51.56    | 50.00  | 51.56 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365605                  | 51.56  | 53.00 | -10.00    |           |            | 2.72    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 53 53.83    | 53.00  | 53.83 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365607                  | 53.83  | 55.12 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365608                  | 55.12  | 56.24 | -10.00    |           |            | 2.69    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365609                  | 56.24  | 56.83 | -10.00    |           |            | 2.72    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 56.83 57.45 | 56.83  | 57.45 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365610                  | 57.45  | 57.62 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 57.62 58.32 | 57.62  | 58.32 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365612                  | 58.32  | 59.00 | -10.00    |           |            | 2.67    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365613                  | 59.00  | 59.59 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 59.59 60.48 | 59.59  | 60.48 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365614                  | 60.48  | 60.82 | -10.00    |           |            | 2.75    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365615                  | 60.82  | 62.00 | -10.00    |           |            | 2.84    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365616                  | 60.82  | 62.00 | -10.00    |           |            |         | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365617                  | 62.00  | 63.51 | 10.00     |           |            | 2.89    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365618                  | 63.51  | 65.00 | -10.00    |           |            | 2.88    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365619                  | 65.00  | 66.11 | 10.00     |           |            | 2.90    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365620                  | 66.11  | 66.74 | 10.00     |           |            | 2.75    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365621                  | 66.74  | 68.00 | -10.00    |           |            | 2.66    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365622                  | 68.00  | 69.83 | -10.00    |           |            | 2.69    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 69.83 70.52 | 69.83  | 70.52 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365623                  | 70.52  | 71.00 | 10.00     |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365624                  | 71.00  | 71.73 | 10.00     |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365626                  | 71.73  | 72.52 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365627                  | 72.52  | 74.22 | -10.00    |           |            | 2.78    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 74.22 75.67 | 74.22  | 75.67 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365628                  | 75.67  | 77.33 | -10.00    |           |            | 2.67    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365629                  | 77.33  | 78.88 | -10.00    |           |            | 2.67    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365630                  | 77.33  | 78.88 | -10.00    |           |            |         | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 78.88 79.65 | 78.88  | 79.65 |           |           |            |         |            |             |               |                |          |            |
| K-12-0433         | M365631                  | 79.65  | 80.00 | -10.00    |           |            | 2.75    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365632                  | 80.00  | 81.88 | -10.00    |           |            | 2.73    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365633                  | 81.88  | 83.00 | -10.00    |           |            | 2.66    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365634                  | 83.00  | 85.47 | -10.00    |           |            | 2.68    | WH12151549 |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | DH Sample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm |
|-----------|----------------------------|--------|--------|----------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|
| K-12-0433 | M365636                    | 85.47  | 86.82  | HCORE          | FALSE     |                | 0.01        | -0.50       | 13.00       | 107.00      |           |            | 0.01      |
| K-12-0433 | NR K-12-0433_86.82_87.59   | 86.82  | 87.59  | NR             | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365637                    | 87.59  | 88.38  | HCORE          | FALSE     |                | -0.01       | -0.50       | 9.00        | 68.00       |           |            | -0.01     |
| K-12-0433 | M365638                    | 88.38  | 89.00  | HCORE          | FALSE     |                | 0.01        | -0.50       | 10.00       | 102.00      |           |            | 0.01      |
| K-12-0433 | M365639                    | 89.00  | 92.00  | HCORE          | FALSE     |                | -0.01       | -0.50       | 11.00       | 92.00       |           |            | -0.01     |
| K-12-0433 | M365640                    | 92.00  | 95.00  | HCORE          | FALSE     |                | 0.02        | -0.50       | 20.00       | 89.00       |           |            | 0.02      |
| K-12-0433 | M365641                    | 95.00  | 98.00  | HCORE          | FALSE     |                | -0.01       | -0.50       | 5.00        | 31.00       |           |            | -0.01     |
| K-12-0433 | M365642                    | 98.00  | 101.00 | HCORE          | FALSE     |                | -0.01       | -0.50       | 11.00       | 28.00       |           |            | -0.01     |
| K-12-0433 | M365643                    | 101.00 | 102.95 | HCORE          | FALSE     |                | -0.01       | -0.50       | 7.00        | 22.00       |           |            | -0.01     |
| K-12-0433 | M365644                    | 102.95 | 104.89 | HCORE          | TRUE      |                | -0.01       | -0.50       | 22.00       | 73.00       |           |            | -0.01     |
| K-12-0433 | M365645                    | 102.95 | 104.89 | DUP            | FALSE     | M365644        | -0.01       | -0.50       | 24.00       | 73.00       |           |            | -0.01     |
| K-12-0433 | NR K-12-0433_104.89_106.35 | 104.89 | 106.35 | NR             | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365646                    | 106.35 | 107.46 | HCORE          | FALSE     |                | -0.01       | -0.50       | 49.00       | 117.00      |           |            | -0.01     |
| K-12-0433 | M365647                    | 107.46 | 107.97 | HCORE          | FALSE     |                | -0.01       | -0.50       | 32.00       | 116.00      |           |            | -0.01     |
| K-12-0433 | NR K-12-0433_107.97_108.57 | 107.97 | 108.57 | NR             | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365648                    | 108.57 | 110.32 | HCORE          | FALSE     |                | 0.01        | 1.40        | 128.00      | 1205.00     |           |            | 0.01      |
| K-12-0433 | M365649                    | 110.32 | 111.89 | HCORE          | FALSE     |                | 0.01        | -0.50       | 35.00       | 145.00      |           |            | 0.01      |
| K-12-0433 | M365650                    | 111.89 | 113.78 | HCORE          | FALSE     |                | -0.01       | 4.20        | 332.00      | 623.00      |           |            | -0.01     |
| K-12-0433 | M365652                    | 113.78 | 116.00 | HCORE          | FALSE     |                | 0.01        | 15.10       | 782.00      | 643.00      |           |            | 0.01      |
| K-12-0433 | M365653                    | 116.00 | 118.00 | HCORE          | FALSE     |                | -0.01       | 9.60        | 171.00      | 571.00      |           |            | -0.01     |
| K-12-0433 | M365654                    | 118.00 | 119.45 | HCORE          | FALSE     |                | -0.01       | -0.50       | 18.00       | 187.00      |           |            | -0.01     |
| K-12-0433 | M365656                    | 119.45 | 120.75 | HCORE          | FALSE     |                | 0.01        | -0.50       | 24.00       | 147.00      |           |            | 0.01      |
| K-12-0433 | M365657                    | 120.75 | 122.33 | HCORE          | FALSE     |                | 0.02        | -0.50       | 13.00       | 196.00      |           |            | 0.02      |
| K-12-0433 | M365658                    | 122.33 | 124.11 | HCORE          | FALSE     |                | -0.01       | 1.20        | 77.00       | 166.00      |           |            | -0.01     |
| K-12-0433 | M365659                    | 124.11 | 124.70 | HCORE          | FALSE     |                | -0.01       | 3.20        | 63.00       | 383.00      |           |            | -0.01     |
| K-12-0433 | M365660                    | 124.70 | 126.29 | HCORE          | FALSE     |                | -0.01       | 1.50        | 10.00       | 85.00       |           |            | -0.01     |
| K-12-0433 | M365661                    | 126.29 | 128.08 | HCORE          | FALSE     |                | -0.01       | 1.20        | 65.00       | 137.00      | -0.01     |            |           |
| K-12-0433 | M365662                    | 128.08 | 128.55 | HCORE          | FALSE     |                | 0.01        | 184.00      | 38.00       | 265.00      | 0.01      |            |           |
| K-12-0433 | M365663                    | 128.55 | 130.32 | HCORE          | FALSE     |                | -0.01       | 73.10       | 107.00      | 163.00      | -0.01     |            |           |
| K-12-0433 | M365664                    | 130.32 | 131.73 | HCORE          | FALSE     |                | -0.01       | 1.10        | 22.00       | 177.00      | -0.01     |            |           |
| K-12-0433 | M365666                    | 131.73 | 132.97 | HCORE          | FALSE     |                | -0.01       | 4.70        | 196.00      | 284.00      | -0.01     |            |           |
| K-12-0433 | M365667                    | 132.97 | 133.22 | HCORE          | FALSE     |                | -0.01       | 1.90        | 8.00        | 110.00      | -0.01     |            |           |
| K-12-0433 | M365668                    | 133.22 | 133.36 | HCORE          | FALSE     |                | -0.01       | 29.60       | 2530.00     | 2900.00     | -0.01     |            |           |
| K-12-0433 | NR K-12-0433_133.36_133.95 | 133.36 | 133.95 | NR             | FALSE     |                |             |             |             |             |           |            |           |
| K-12-0433 | M365669                    | 133.95 | 134.58 | HCORE          | FALSE     |                | -0.01       | 11.90       | 159.00      | 1415.00     | -0.01     |            |           |
| K-12-0433 | M365671                    | 134.58 | 135.63 | HCORE          | FALSE     |                | 0.01        | 4.80        | 454.00      | 536.00      | 0.01      |            |           |
| K-12-0433 | M365672                    | 135.63 | 137.52 | HCORE          | FALSE     |                | -0.01       | 1.30        | 125.00      | 262.00      | -0.01     |            |           |
| K-12-0433 | M365673                    | 137.52 | 139.46 | HCORE          | FALSE     |                | -0.01       | -0.50       | 5.00        | 153.00      | -0.01     |            |           |
| K-12-0433 | M365674                    | 139.46 | 141.18 | HCORE          | TRUE      |                | -0.01       | -0.50       | 4.00        | 126.00      | -0.01     |            |           |
| K-12-0433 | M365675                    | 139.46 | 141.18 | DUP            | FALSE     | M365674        | -0.01       | -0.50       | -2.00       | 131.00      | -0.01     |            |           |
| K-12-0433 | M365676                    | 141.18 | 143.00 | HCORE          | FALSE     |                | -0.01       | -0.50       | 5.00        | 184.00      | -0.01     |            |           |
| K-12-0433 | M365677                    | 143.00 | 144.86 | HCORE          | FALSE     |                | 0.01        | -0.50       | 8.00        | 248.00      | 0.01      |            |           |
| K-12-0433 | M365678                    | 144.86 | 146.79 | HCORE          | FALSE     |                | -0.01       | -0.50       | 7.00        | 193.00      | -0.01     |            |           |
| K-12-0433 | M365679                    | 146.79 | 148.45 | HCORE          | FALSE     |                | -0.01       | -0.50       | 2.00        | 170.00      | -0.01     |            |           |
| K-12-0433 | M365680                    | 148.45 | 149.99 | HCORE          | FALSE     |                | -0.01       | -0.50       | 7.00        | 149.00      | -0.01     |            |           |
| K-12-0433 | M365681                    | 149.99 | 152.00 | HCORE          | FALSE     |                | -0.01       | -0.50       | 5.00        | 123.00      | -0.01     |            |           |
| K-12-0433 | M365682                    | 152.00 | 153.53 | HCORE          | FALSE     |                | -0.01       | -0.50       | 2.00        | 26.00       | -0.01     |            |           |
| K-12-0433 | M365683                    | 153.53 | 155.00 | HCORE          | FALSE     |                | -0.01       | -0.50       | -2.00       | 9.00        | -0.01     |            |           |
| K-12-0433 | M365684                    | 155.00 | 156.27 | HCORE          | FALSE     |                | 0.01        | -0.50       | 2.00        | 25.00       | 0.01      |            |           |
| K-12-0433 | M365686                    | 156.27 | 158.00 | HCORE          | FALSE     |                | 0.01        | -0.50       | 8.00        | 72.00       | 0.01      |            |           |
| K-12-0433 | M365687                    | 158.00 | 159.31 | HCORE          | FALSE     |                | -0.01       | -0.50       | 7.00        | 122.00      | -0.01     |            |           |
| K-12-0433 | M365688                    | 159.31 | 160.96 | HCORE          | FALSE     |                | 0.01        | -0.50       | 7.00        | 70.00       | 0.01      |            |           |
| K-12-0433 | M365689                    | 160.96 | 162.80 | HCORE          | FALSE     |                | 0.01        | 0.50        | 6.00        | 82.00       | 0.01      |            |           |
| K-12-0433 | M365691                    | 162.80 | 164.63 | HCORE          | FALSE     |                | 0.01        | 0.50        | 9.00        | 72.00       | 0.01      |            |           |
| K-12-0433 | M365692                    | 164.63 | 166.63 | HCORE          | FALSE     |                | 0.01        | -0.50       | 5.00        | 67.00       | 0.01      |            |           |
| K-12-0433 | M365693                    | 166.63 | 168.62 | HCORE          | FALSE     |                | 0.01        | 0.50        | 5.00        | 71.00       | 0.01      |            |           |
| K-12-0433 | M365694                    | 168.62 | 170.52 | HCORE          | TRUE      |                | 0.01        | 0.50        | 5.00        | 91.00       | 0.01      |            |           |
| K-12-0433 | M365695                    | 168.62 | 170.52 | DUP            | FALSE     | M365694        | 0.01        | 0.50        | 7.00        | 92.00       | 0.01      |            |           |
| K-12-0433 | M365696                    | 170.52 | 172.02 | HCORE          | FALSE     |                | -0.01       | 0.60        | 11.00       | 105.00      | -0.01     |            |           |
| K-12-0433 | M365697                    | 172.02 | 173.40 | HCORE          | FALSE     |                | -0.01       | -0.50       | 8.00        | 118.00      | -0.01     |            |           |
| K-12-0433 | M365698                    | 173.40 | 174.45 | HCORE          | FALSE     |                | 0.01        | 0.60        | 11.00       | 64.00       | 0.01      |            |           |
| K-12-0433 | M365699                    | 174.45 | 176.00 | HCORE          | FALSE     |                | 0.01        | -0.50       | 3.00        | 28.00       | 0.01      |            |           |
| K-12-0433 | M365700                    | 176.00 | 177.27 | HCORE          | FALSE     |                | 0.01        | -0.50       | 8.00        | 67.00       | 0.01      |            |           |
| K-12-0433 | M365701                    | 177.27 | 179.00 | HCORE          | FALSE     |                | 0.01        | -0.50       | 10.00       | 133.00      | 0.01      |            |           |
| K-12-0433 | M365702                    | 179.00 | 180.57 | HCORE          | FALSE     |                | 0.01        | -0.50       | 15.00       | 144.00      | 0.01      |            |           |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | Ag AA ppm | Ag ICP ppm | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct |
|-----------|----------------------------|--------|--------|-----------|------------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|
| K-12-0433 | M365636                    | 85.47  | 86.82  |           | -0.50      |           |            | 13.00      |           | 107.00     |           | 3.29       | 12.00      |           |
| K-12-0433 | NR K-12-0433 86.82_87.59   | 86.82  | 87.59  |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365637                    | 87.59  | 88.38  |           | -0.50      |           |            | 9.00       |           | 68.00      |           | 0.89       | -5.00      |           |
| K-12-0433 | M365638                    | 88.38  | 89.00  |           | -0.50      |           |            | 10.00      |           | 102.00     |           | 3.06       | 9.00       |           |
| K-12-0433 | M365639                    | 89.00  | 92.00  |           | -0.50      |           |            | 11.00      |           | 92.00      |           | 1.86       | 7.00       |           |
| K-12-0433 | M365640                    | 92.00  | 95.00  |           | -0.50      |           |            | 20.00      |           | 89.00      |           | 2.40       | 9.00       |           |
| K-12-0433 | M365641                    | 95.00  | 98.00  |           | -0.50      |           |            | 5.00       |           | 31.00      |           | 1.28       | -5.00      |           |
| K-12-0433 | M365642                    | 98.00  | 101.00 |           | -0.50      |           |            | 11.00      |           | 28.00      |           | 0.85       | -5.00      |           |
| K-12-0433 | M365643                    | 101.00 | 102.95 |           | -0.50      |           |            | 7.00       |           | 22.00      |           | 0.82       | 5.00       |           |
| K-12-0433 | M365644                    | 102.95 | 104.89 |           | -0.50      |           |            | 22.00      |           | 73.00      |           | 7.69       | 5.00       |           |
| K-12-0433 | M365645                    | 102.95 | 104.89 |           | -0.50      |           |            | 24.00      |           | 73.00      |           | 7.90       | 10.00      |           |
| K-12-0433 | NR K-12-0433 104.89_106.35 | 104.89 | 106.35 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365646                    | 106.35 | 107.46 |           | -0.50      |           |            | 49.00      |           | 117.00     |           | 1.18       | 7.00       |           |
| K-12-0433 | M365647                    | 107.46 | 107.97 |           | -0.50      |           |            | 32.00      |           | 116.00     |           | 0.75       | -5.00      |           |
| K-12-0433 | NR K-12-0433 107.97_108.57 | 107.97 | 108.57 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365648                    | 108.57 | 110.32 |           | 1.40       |           |            | 128.00     |           | 1205.00    |           | 5.45       | 39.00      |           |
| K-12-0433 | M365649                    | 110.32 | 111.89 |           | -0.50      |           |            | 35.00      |           | 145.00     |           | 1.77       | -5.00      |           |
| K-12-0433 | M365650                    | 111.89 | 113.78 |           | 4.20       |           |            | 332.00     |           | 623.00     |           | 1.57       | 17.00      |           |
| K-12-0433 | M365652                    | 113.78 | 116.00 |           | 15.10      |           |            | 782.00     |           | 643.00     |           | 2.28       | 76.00      |           |
| K-12-0433 | M365653                    | 116.00 | 118.00 |           | 9.60       |           |            | 171.00     |           | 571.00     |           | 1.03       | 220.00     |           |
| K-12-0433 | M365654                    | 118.00 | 119.45 |           | -0.50      |           |            | 18.00      |           | 187.00     |           | 7.41       | 27.00      |           |
| K-12-0433 | M365656                    | 119.45 | 120.75 |           | -0.50      |           |            | 24.00      |           | 147.00     |           | 6.62       | 25.00      |           |
| K-12-0433 | M365657                    | 120.75 | 122.33 |           | -0.50      |           |            | 13.00      |           | 196.00     |           | 8.06       | 29.00      |           |
| K-12-0433 | M365658                    | 122.33 | 124.11 |           | 1.20       |           |            | 77.00      |           | 166.00     |           | 0.80       | 36.00      |           |
| K-12-0433 | M365659                    | 124.11 | 124.70 |           | 3.20       |           |            | 63.00      |           | 383.00     |           | 1.04       | 375.00     |           |
| K-12-0433 | M365660                    | 124.70 | 126.29 |           | 1.50       |           |            | 10.00      |           | 85.00      |           | 1.29       | 27.00      |           |
| K-12-0433 | M365661                    | 126.29 | 128.08 |           | 1.20       |           |            | 65.00      |           | 137.00     |           | 1.76       | 23.00      |           |
| K-12-0433 | M365662                    | 128.08 | 128.55 |           | 100.00     | 184.00    |            | 38.00      |           | 265.00     |           | 0.37       | 48.00      |           |
| K-12-0433 | M365663                    | 128.55 | 130.32 |           | 73.10      |           |            | 107.00     |           | 163.00     |           | 0.64       | 26.00      |           |
| K-12-0433 | M365664                    | 130.32 | 131.73 |           | 1.10       |           |            | 22.00      |           | 177.00     |           | 3.61       | 16.00      |           |
| K-12-0433 | M365666                    | 131.73 | 132.97 |           | 4.70       |           |            | 196.00     |           | 284.00     |           | 2.06       | 18.00      |           |
| K-12-0433 | M365667                    | 132.97 | 133.22 |           | 1.90       |           |            | 8.00       |           | 110.00     |           | 0.71       | 13.00      |           |
| K-12-0433 | M365668                    | 133.22 | 133.36 |           | 29.60      |           |            | 2530.00    |           | 2900.00    |           | 7.31       | 211.00     |           |
| K-12-0433 | NR K-12-0433 133.36_133.95 | 133.36 | 133.95 |           |            |           |            |            |           |            |           |            |            |           |
| K-12-0433 | M365669                    | 133.95 | 134.58 |           | 11.90      |           |            | 159.00     |           | 1415.00    |           | 1.32       | 182.00     |           |
| K-12-0433 | M365671                    | 134.58 | 135.63 |           | 4.80       |           |            | 454.00     |           | 536.00     |           | 2.26       | 45.00      |           |
| K-12-0433 | M365672                    | 135.63 | 137.52 |           | 1.30       |           |            | 125.00     |           | 262.00     |           | 7.37       | 19.00      |           |
| K-12-0433 | M365673                    | 137.52 | 139.46 |           | -0.50      |           |            | 5.00       |           | 153.00     |           | 7.19       | 17.00      |           |
| K-12-0433 | M365674                    | 139.46 | 141.18 |           | -0.50      |           |            | 4.00       |           | 126.00     |           | 7.30       | 8.00       |           |
| K-12-0433 | M365675                    | 139.46 | 141.18 |           | -0.50      |           |            | -2.00      |           | 131.00     |           | 7.64       | 7.00       |           |
| K-12-0433 | M365676                    | 141.18 | 143.00 |           | -0.50      |           |            | 5.00       |           | 184.00     |           | 7.04       | 13.00      |           |
| K-12-0433 | M365677                    | 143.00 | 144.86 |           | -0.50      |           |            | 8.00       |           | 248.00     |           | 6.68       | 12.00      |           |
| K-12-0433 | M365678                    | 144.86 | 146.79 |           | -0.50      |           |            | 7.00       |           | 193.00     |           | 6.81       | 14.00      |           |
| K-12-0433 | M365679                    | 146.79 | 148.45 |           | -0.50      |           |            | 2.00       |           | 170.00     |           | 6.37       | 32.00      |           |
| K-12-0433 | M365680                    | 148.45 | 149.99 |           | -0.50      |           |            | 7.00       |           | 149.00     |           | 5.80       | 28.00      |           |
| K-12-0433 | M365681                    | 149.99 | 152.00 |           | -0.50      |           |            | 5.00       |           | 123.00     |           | 7.16       | 40.00      |           |
| K-12-0433 | M365682                    | 152.00 | 153.53 |           | -0.50      |           |            | 2.00       |           | 26.00      |           | 5.34       | 10.00      |           |
| K-12-0433 | M365683                    | 153.53 | 155.00 |           | -0.50      |           |            | -2.00      |           | 9.00       |           | 0.51       | 8.00       |           |
| K-12-0433 | M365684                    | 155.00 | 156.27 |           | -0.50      |           |            | 2.00       |           | 25.00      |           | 3.48       | -5.00      |           |
| K-12-0433 | M365686                    | 156.27 | 158.00 |           | -0.50      |           |            | 8.00       |           | 72.00      |           | 4.68       | 18.00      |           |
| K-12-0433 | M365687                    | 158.00 | 159.31 |           | -0.50      |           |            | 7.00       |           | 122.00     |           | 3.49       | 11.00      |           |
| K-12-0433 | M365688                    | 159.31 | 160.96 |           | -0.50      |           |            | 7.00       |           | 70.00      |           | 4.36       | 12.00      |           |
| K-12-0433 | M365689                    | 160.96 | 162.80 |           | 0.50       |           |            | 6.00       |           | 82.00      |           | 3.58       | 15.00      |           |
| K-12-0433 | M365691                    | 162.80 | 164.63 |           | 0.50       |           |            | 9.00       |           | 72.00      |           | 3.49       | 7.00       |           |
| K-12-0433 | M365692                    | 164.63 | 166.63 |           | -0.50      |           |            | 5.00       |           | 67.00      |           | 2.40       | 11.00      |           |
| K-12-0433 | M365693                    | 166.63 | 168.62 |           | 0.50       |           |            | 5.00       |           | 71.00      |           | 3.00       | 10.00      |           |
| K-12-0433 | M365694                    | 168.62 | 170.52 |           | 0.50       |           |            | 5.00       |           | 91.00      |           | 3.00       | 13.00      |           |
| K-12-0433 | M365695                    | 168.62 | 170.52 |           | 0.50       |           |            | 7.00       |           | 92.00      |           | 3.03       | 11.00      |           |
| K-12-0433 | M365696                    | 170.52 | 172.02 |           | 0.60       |           |            | 11.00      |           | 105.00     |           | 3.53       | 16.00      |           |
| K-12-0433 | M365697                    | 172.02 | 173.40 |           | -0.50      |           |            | 8.00       |           | 118.00     |           | 3.52       | 15.00      |           |
| K-12-0433 | M365698                    | 173.40 | 174.45 |           | 0.60       |           |            | 11.00      |           | 64.00      |           | 5.54       | 19.00      |           |
| K-12-0433 | M365699                    | 174.45 | 176.00 |           | -0.50      |           |            | 3.00       |           | 28.00      |           | 0.61       | 12.00      |           |
| K-12-0433 | M365700                    | 176.00 | 177.27 |           | -0.50      |           |            | 8.00       |           | 67.00      |           | 3.09       | 12.00      |           |
| K-12-0433 | M365701                    | 177.27 | 179.00 |           | -0.50      |           |            | 10.00      |           | 133.00     |           | 6.72       | 24.00      |           |
| K-12-0433 | M365702                    | 179.00 | 180.57 |           | -0.50      |           |            | 15.00      |           | 144.00     |           | 6.36       | 17.00      |           |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm |
|-----------|----------------------------|--------|--------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0433 | M365636                    | 85.47  | 86.82  | 580.00     | 1.00       | -2.00      | 5.08       | -0.50      |           |            | 7.00       | 62.00      |            | 12.00      |
| K-12-0433 | NR K-12-0433_86.82_87.59   | 86.82  | 87.59  |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365637                    | 87.59  | 88.38  | 150.00     | -0.50      | -2.00      | 3.16       | -0.50      |           |            | 4.00       | 33.00      |            | 6.00       |
| K-12-0433 | M365638                    | 88.38  | 89.00  | 580.00     | 1.00       | -2.00      | 0.35       | -0.50      |           |            | 4.00       | 70.00      |            | 8.00       |
| K-12-0433 | M365639                    | 89.00  | 92.00  | 360.00     | 0.60       | -2.00      | 0.25       | -0.50      |           |            | 5.00       | 47.00      |            | 5.00       |
| K-12-0433 | M365640                    | 92.00  | 95.00  | 450.00     | 0.80       | -2.00      | 0.49       | -0.50      |           |            | 5.00       | 55.00      |            | 6.00       |
| K-12-0433 | M365641                    | 95.00  | 98.00  | 230.00     | -0.50      | -2.00      | 0.16       | -0.50      |           |            | 3.00       | 41.00      |            | 5.00       |
| K-12-0433 | M365642                    | 98.00  | 101.00 | 140.00     | -0.50      | -2.00      | 0.04       | -0.50      |           |            | 2.00       | 38.00      |            | 10.00      |
| K-12-0433 | M365643                    | 101.00 | 102.95 | 130.00     | -0.50      | -2.00      | 0.03       | 1.10       |           |            | 3.00       | 41.00      |            | 11.00      |
| K-12-0433 | M365644                    | 102.95 | 104.89 | 1360.00    | 2.20       | -2.00      | 0.28       | -0.50      |           |            | 7.00       | 95.00      |            | 15.00      |
| K-12-0433 | M365645                    | 102.95 | 104.89 | 1410.00    | 2.20       | -2.00      | 0.27       | -0.50      |           |            | 7.00       | 97.00      |            | 15.00      |
| K-12-0433 | NR K-12-0433_104.89_106.35 | 104.89 | 106.35 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365646                    | 106.35 | 107.46 | 200.00     | -0.50      | -2.00      | 0.71       | 0.80       |           |            | 4.00       | 34.00      |            | 23.00      |
| K-12-0433 | M365647                    | 107.46 | 107.97 | 140.00     | -0.50      | -2.00      | 2.22       | 1.70       |           |            | 7.00       | 34.00      |            | 17.00      |
| K-12-0433 | NR K-12-0433_107.97_108.57 | 107.97 | 108.57 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365648                    | 108.57 | 110.32 | 1220.00    | 1.40       | -2.00      | 0.21       | 16.70      |           |            | 14.00      | 91.00      |            | 37.00      |
| K-12-0433 | M365649                    | 110.32 | 111.89 | 340.00     | -0.50      | -2.00      | 0.06       | 1.80       |           |            | 3.00       | 49.00      |            | 6.00       |
| K-12-0433 | M365650                    | 111.89 | 113.78 | 370.00     | -0.50      | -2.00      | 0.06       | 17.90      |           |            | 5.00       | 54.00      |            | 10.00      |
| K-12-0433 | M365652                    | 113.78 | 116.00 | 420.00     | 0.50       | -2.00      | 0.13       | 19.50      |           |            | 4.00       | 63.00      |            | 20.00      |
| K-12-0433 | M365653                    | 116.00 | 118.00 | 100.00     | -0.50      | -2.00      | 0.09       | 7.80       |           |            | 16.00      | 42.00      |            | 23.00      |
| K-12-0433 | M365654                    | 118.00 | 119.45 | 310.00     | 0.60       | -2.00      | 5.51       | 0.60       |           |            | 32.00      | 182.00     |            | 89.00      |
| K-12-0433 | M365656                    | 119.45 | 120.75 | 150.00     | -0.50      | -2.00      | 6.02       | -0.50      |           |            | 35.00      | 147.00     |            | 81.00      |
| K-12-0433 | M365657                    | 120.75 | 122.33 | 940.00     | 1.20       | -2.00      | 3.01       | -0.50      |           |            | 28.00      | 119.00     |            | 57.00      |
| K-12-0433 | M365658                    | 122.33 | 124.11 | 60.00      | -0.50      | -2.00      | 0.14       | 1.40       |           |            | 8.00       | 40.00      |            | 30.00      |
| K-12-0433 | M365659                    | 124.11 | 124.70 | 30.00      | -0.50      | -2.00      | 0.07       | 2.30       |           |            | 7.00       | 33.00      |            | 45.00      |
| K-12-0433 | M365660                    | 124.70 | 126.29 | 310.00     | -0.50      | -2.00      | 0.12       | 0.70       |           |            | 4.00       | 51.00      |            | 12.00      |
| K-12-0433 | M365661                    | 126.29 | 128.08 | 390.00     | 0.50       | -2.00      | 1.53       | 1.90       |           |            | 6.00       | 60.00      |            | 16.00      |
| K-12-0433 | M365662                    | 128.08 | 128.55 | 110.00     | -0.50      | -2.00      | 0.11       | 4.60       |           |            | 5.00       | 45.00      |            | 159.00     |
| K-12-0433 | M365663                    | 128.55 | 130.32 | 180.00     | -0.50      | -2.00      | 0.05       | 2.80       |           |            | 1.00       | 47.00      |            | 45.00      |
| K-12-0433 | M365664                    | 130.32 | 131.73 | 810.00     | 0.80       | -2.00      | 0.22       | 2.00       |           |            | 7.00       | 95.00      |            | 21.00      |
| K-12-0433 | M365666                    | 131.73 | 132.97 | 500.00     | 0.50       | -2.00      | 0.26       | 2.50       |           |            | 5.00       | 81.00      |            | 26.00      |
| K-12-0433 | M365667                    | 132.97 | 133.22 | 170.00     | -0.50      | -2.00      | 0.04       | 1.20       |           |            | 3.00       | 51.00      |            | 3.00       |
| K-12-0433 | M365668                    | 133.22 | 133.36 | 180.00     | 1.80       | -2.00      | 0.37       | 38.40      |           |            | 29.00      | 235.00     |            | 57.00      |
| K-12-0433 | NR K-12-0433_133.36_133.95 | 133.36 | 133.95 |            |            |            |            |            |           |            |            |            |            |            |
| K-12-0433 | M365669                    | 133.95 | 134.58 | 230.00     | 0.50       | -2.00      | 0.45       | 11.20      |           |            | 23.00      | 39.00      |            | 23.00      |
| K-12-0433 | M365671                    | 134.58 | 135.63 | 490.00     | 0.60       | -2.00      | 0.18       | 7.20       |           |            | 5.00       | 72.00      |            | 13.00      |
| K-12-0433 | M365672                    | 135.63 | 137.52 | 100.00     | 0.60       | -2.00      | 7.64       | 1.60       |           |            | 41.00      | 244.00     |            | 146.00     |
| K-12-0433 | M365673                    | 137.52 | 139.46 | 210.00     | 0.60       | -2.00      | 7.03       | -0.50      |           |            | 47.00      | 161.00     |            | 133.00     |
| K-12-0433 | M365674                    | 139.46 | 141.18 | 20.00      | -0.50      | -2.00      | 7.91       | -0.50      |           |            | 40.00      | 191.00     |            | 142.00     |
| K-12-0433 | M365675                    | 139.46 | 141.18 | 20.00      | 0.50       | -2.00      | 8.33       | -0.50      |           |            | 42.00      | 200.00     |            | 144.00     |
| K-12-0433 | M365676                    | 141.18 | 143.00 | 30.00      | 0.50       | -2.00      | 6.87       | -0.50      |           |            | 44.00      | 102.00     |            | 151.00     |
| K-12-0433 | M365677                    | 143.00 | 144.86 | 2540.00    | 0.80       | -2.00      | 6.54       | 1.00       |           |            | 46.00      | 13.00      |            | 314.00     |
| K-12-0433 | M365678                    | 144.86 | 146.79 | 1600.00    | 0.60       | -2.00      | 6.34       | 0.50       |           |            | 48.00      | 5.00       |            | 336.00     |
| K-12-0433 | M365679                    | 146.79 | 148.45 | 560.00     | 0.50       | -2.00      | 6.85       | -0.50      |           |            | 44.00      | 7.00       |            | 199.00     |
| K-12-0433 | M365680                    | 148.45 | 149.99 | 60.00      | -0.50      | -2.00      | 5.25       | -0.50      |           |            | 44.00      | 8.00       |            | 235.00     |
| K-12-0433 | M365681                    | 149.99 | 152.00 | 480.00     | 0.60       | -2.00      | 6.68       | -0.50      |           |            | 25.00      | 116.00     |            | 73.00      |
| K-12-0433 | M365682                    | 152.00 | 153.53 | 1670.00    | 1.50       | -2.00      | 2.46       | -0.50      |           |            | 7.00       | 95.00      |            | 36.00      |
| K-12-0433 | M365683                    | 153.53 | 155.00 | 130.00     | -0.50      | -2.00      | 1.81       | -0.50      |           |            | 1.00       | 34.00      |            | 12.00      |
| K-12-0433 | M365684                    | 155.00 | 156.27 | 1020.00    | 1.10       | -2.00      | 0.48       | -0.50      |           |            | 2.00       | 73.00      |            | 17.00      |
| K-12-0433 | M365686                    | 156.27 | 158.00 | 1450.00    | 1.40       | -2.00      | 0.44       | 0.50       |           |            | 3.00       | 89.00      |            | 39.00      |
| K-12-0433 | M365687                    | 158.00 | 159.31 | 680.00     | 0.80       | -2.00      | 4.98       | 0.70       |           |            | 6.00       | 66.00      |            | 46.00      |
| K-12-0433 | M365688                    | 159.31 | 160.96 | 1700.00    | 1.10       | -2.00      | 2.22       | -0.50      |           |            | 6.00       | 87.00      |            | 34.00      |
| K-12-0433 | M365689                    | 160.96 | 162.80 | 810.00     | 0.90       | -2.00      | 1.67       | -0.50      |           |            | 4.00       | 77.00      |            | 51.00      |
| K-12-0433 | M365691                    | 162.80 | 164.63 | 880.00     | 0.90       | -2.00      | 4.62       | 0.60       |           |            | 5.00       | 70.00      |            | 55.00      |
| K-12-0433 | M365692                    | 164.63 | 166.63 | 910.00     | 0.60       | -2.00      | 5.73       | -0.50      |           |            | 3.00       | 57.00      |            | 45.00      |
| K-12-0433 | M365693                    | 166.63 | 168.62 | 410.00     | 0.80       | -2.00      | 1.06       | 0.50       |           |            | 5.00       | 75.00      |            | 55.00      |
| K-12-0433 | M365694                    | 168.62 | 170.52 | 740.00     | 0.80       | -2.00      | 2.98       | 0.50       |           |            | 4.00       | 72.00      |            | 51.00      |
| K-12-0433 | M365695                    | 168.62 | 170.52 | 1310.00    | 0.80       | -2.00      | 3.00       | 0.60       |           |            | 5.00       | 75.00      |            | 53.00      |
| K-12-0433 | M365696                    | 170.52 | 172.02 | 1290.00    | 0.90       | -2.00      | 2.31       | 0.80       |           |            | 5.00       | 87.00      |            | 45.00      |
| K-12-0433 | M365697                    | 172.02 | 173.40 | 620.00     | 0.80       | -2.00      | 6.48       | 0.90       |           |            | 8.00       | 70.00      |            | 70.00      |
| K-12-0433 | M365698                    | 173.40 | 174.45 | 400.00     | 1.60       | -2.00      | 0.28       | -0.50      |           |            | 4.00       | 108.00     |            | 43.00      |
| K-12-0433 | M365699                    | 174.45 | 176.00 | 190.00     | -0.50      | -2.00      | 1.45       | -0.50      |           |            | 2.00       | 40.00      |            | 7.00       |
| K-12-0433 | M365700                    | 176.00 | 177.27 | 210.00     | 0.90       | -2.00      | 1.70       | -0.50      |           |            | 4.00       | 65.00      |            | 43.00      |
| K-12-0433 | M365701                    | 177.27 | 179.00 | 640.00     | 1.80       | -2.00      | 1.83       | 0.50       |           |            | 12.00      | 87.00      |            | 56.00      |
| K-12-0433 | M365702                    | 179.00 | 180.57 | 970.00     | 1.70       | -2.00      | 1.58       | -0.50      |           |            | 13.00      | 98.00      |            | 67.00      |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | Cu OL pct | Fe ICP pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct |
|-----------|----------------------------|--------|--------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|
| K-12-0433 | M365636                    | 85.47  | 86.82  |           | 2.18       | 10.00      |            |            |            |            | 0.72      | 20.00      |            | 0.17       |
| K-12-0433 | NR K-12-0433_86.82_87.59   | 86.82  | 87.59  |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365637                    | 87.59  | 88.38  |           | 0.82       | -10.00     |            |            |            |            | 0.18      | 10.00      |            | 0.08       |
| K-12-0433 | M365638                    | 88.38  | 89.00  |           | 1.51       | 10.00      |            |            |            |            | 0.73      | 20.00      |            | 0.11       |
| K-12-0433 | M365639                    | 89.00  | 92.00  |           | 1.09       | -10.00     |            |            |            |            | 0.47      | 10.00      |            | 0.10       |
| K-12-0433 | M365640                    | 92.00  | 95.00  |           | 1.33       | 10.00      |            |            |            |            | 0.59      | 20.00      |            | 0.13       |
| K-12-0433 | M365641                    | 95.00  | 98.00  |           | 0.92       | 10.00      |            |            |            |            | 0.30      | 10.00      |            | 0.12       |
| K-12-0433 | M365642                    | 98.00  | 101.00 |           | 0.80       | -10.00     |            |            |            |            | 0.18      | 10.00      |            | 0.06       |
| K-12-0433 | M365643                    | 101.00 | 102.95 |           | 0.64       | -10.00     |            |            |            |            | 0.18      | 10.00      |            | 0.06       |
| K-12-0433 | M365644                    | 102.95 | 104.89 |           | 3.59       | 20.00      |            |            |            |            | 1.57      | 40.00      |            | 0.53       |
| K-12-0433 | M365645                    | 102.95 | 104.89 |           | 3.62       | 20.00      |            |            |            |            | 1.60      | 40.00      |            | 0.55       |
| K-12-0433 | NR K-12-0433_104.89_106.35 | 104.89 | 106.35 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365646                    | 106.35 | 107.46 |           | 1.20       | -10.00     |            |            |            |            | 0.23      | 10.00      |            | 0.14       |
| K-12-0433 | M365647                    | 107.46 | 107.97 |           | 0.95       | -10.00     |            |            |            |            | 0.17      | 10.00      |            | 0.10       |
| K-12-0433 | NR K-12-0433_107.97_108.57 | 107.97 | 108.57 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365648                    | 108.57 | 110.32 |           | 2.84       | 10.00      |            |            |            |            | 1.59      | 30.00      |            | 0.27       |
| K-12-0433 | M365649                    | 110.32 | 111.89 |           | 1.07       | 10.00      |            |            |            |            | 0.38      | 10.00      |            | 0.20       |
| K-12-0433 | M365650                    | 111.89 | 113.78 |           | 1.02       | -10.00     |            |            |            |            | 0.48      | 10.00      |            | 0.12       |
| K-12-0433 | M365652                    | 113.78 | 116.00 |           | 2.00       | 10.00      |            |            |            |            | 0.75      | 20.00      |            | 0.16       |
| K-12-0433 | M365653                    | 116.00 | 118.00 |           | 2.03       | -10.00     |            |            |            |            | 0.27      | 10.00      |            | 0.10       |
| K-12-0433 | M365654                    | 118.00 | 119.45 |           | 7.57       | 20.00      |            |            |            |            | 0.39      | 10.00      |            | 3.59       |
| K-12-0433 | M365656                    | 119.45 | 120.75 |           | 7.11       | 20.00      |            |            |            |            | 0.44      | 10.00      |            | 3.48       |
| K-12-0433 | M365657                    | 120.75 | 122.33 |           | 6.56       | 20.00      |            |            |            |            | 0.53      | 20.00      |            | 2.67       |
| K-12-0433 | M365658                    | 122.33 | 124.11 |           | 2.11       | -10.00     |            |            |            |            | 0.07      | 10.00      |            | 0.20       |
| K-12-0433 | M365659                    | 124.11 | 124.70 |           | 2.02       | -10.00     |            |            |            |            | 0.26      | 10.00      |            | 0.06       |
| K-12-0433 | M365660                    | 124.70 | 126.29 |           | 1.13       | -10.00     |            |            |            |            | 0.36      | 10.00      |            | 0.21       |
| K-12-0433 | M365661                    | 126.29 | 128.08 |           | 1.65       | -10.00     |            |            |            |            | 0.47      | 10.00      |            | 0.15       |
| K-12-0433 | M365662                    | 128.08 | 128.55 |           | 3.62       | -10.00     |            |            |            |            | 0.13      | 10.00      |            | 0.14       |
| K-12-0433 | M365663                    | 128.55 | 130.32 |           | 0.90       | -10.00     |            |            |            |            | 0.21      | 10.00      |            | 0.05       |
| K-12-0433 | M365664                    | 130.32 | 131.73 |           | 1.65       | 10.00      |            |            |            |            | 0.94      | 20.00      |            | 0.39       |
| K-12-0433 | M365666                    | 131.73 | 132.97 |           | 1.15       | 10.00      |            |            |            |            | 0.66      | 20.00      |            | 0.12       |
| K-12-0433 | M365667                    | 132.97 | 133.22 |           | 1.07       | -10.00     |            |            |            |            | 0.25      | 10.00      |            | 0.03       |
| K-12-0433 | M365668                    | 133.22 | 133.36 |           | 10.85      | 20.00      |            |            |            |            | 2.80      | -10.00     |            | 0.87       |
| K-12-0433 | NR K-12-0433_133.36_133.95 | 133.36 | 133.95 |           |            |            |            |            |            |            |           |            |            |            |
| K-12-0433 | M365669                    | 133.95 | 134.58 |           | 24.00      | 10.00      |            |            |            |            | 0.44      | 10.00      |            | 0.51       |
| K-12-0433 | M365671                    | 134.58 | 135.63 |           | 1.73       | 10.00      |            |            |            |            | 0.85      | 10.00      |            | 0.13       |
| K-12-0433 | M365672                    | 135.63 | 137.52 |           | 8.60       | 20.00      |            |            |            |            | 0.20      | 10.00      |            | 4.30       |
| K-12-0433 | M365673                    | 137.52 | 139.46 |           | 8.96       | 20.00      |            |            |            |            | 0.37      | -10.00     |            | 4.44       |
| K-12-0433 | M365674                    | 139.46 | 141.18 |           | 7.95       | 20.00      |            |            |            |            | 0.02      | -10.00     |            | 4.21       |
| K-12-0433 | M365675                    | 139.46 | 141.18 |           | 8.34       | 20.00      |            |            |            |            | 0.02      | -10.00     |            | 4.43       |
| K-12-0433 | M365676                    | 141.18 | 143.00 |           | 8.57       | 20.00      |            |            |            |            | 0.08      | -10.00     |            | 4.14       |
| K-12-0433 | M365677                    | 143.00 | 144.86 |           | 11.40      | 20.00      |            |            |            |            | 0.12      | 10.00      |            | 2.95       |
| K-12-0433 | M365678                    | 144.86 | 146.79 |           | 12.20      | 20.00      |            |            |            |            | 0.08      | 10.00      |            | 3.11       |
| K-12-0433 | M365679                    | 146.79 | 148.45 |           | 11.35      | 20.00      |            |            |            |            | 0.03      | 10.00      |            | 2.90       |
| K-12-0433 | M365680                    | 148.45 | 149.99 |           | 10.80      | 20.00      |            |            |            |            | 0.01      | 10.00      |            | 2.71       |
| K-12-0433 | M365681                    | 149.99 | 152.00 |           | 8.72       | 20.00      |            |            |            |            | 0.47      | 10.00      |            | 3.32       |
| K-12-0433 | M365682                    | 152.00 | 153.53 |           | 2.39       | 10.00      |            |            |            |            | 2.11      | 20.00      |            | 0.66       |
| K-12-0433 | M365683                    | 153.53 | 155.00 |           | 0.64       | -10.00     |            |            |            |            | 0.18      | 10.00      |            | 0.07       |
| K-12-0433 | M365684                    | 155.00 | 156.27 |           | 1.46       | 10.00      |            |            |            |            | 1.35      | 20.00      |            | 0.27       |
| K-12-0433 | M365686                    | 156.27 | 158.00 |           | 2.50       | 10.00      |            |            |            |            | 1.51      | 10.00      |            | 0.73       |
| K-12-0433 | M365687                    | 158.00 | 159.31 |           | 2.64       | 10.00      |            |            |            |            | 0.90      | 20.00      |            | 0.84       |
| K-12-0433 | M365688                    | 159.31 | 160.96 |           | 2.69       | 10.00      |            |            |            |            | 1.06      | 20.00      |            | 0.88       |
| K-12-0433 | M365689                    | 160.96 | 162.80 |           | 2.29       | 10.00      |            |            |            |            | 0.99      | 20.00      |            | 0.72       |
| K-12-0433 | M365691                    | 162.80 | 164.63 |           | 1.99       | 10.00      |            |            |            |            | 0.92      | 20.00      |            | 0.58       |
| K-12-0433 | M365692                    | 164.63 | 166.63 |           | 1.63       | 10.00      |            |            |            |            | 0.64      | 10.00      |            | 0.44       |
| K-12-0433 | M365693                    | 166.63 | 168.62 |           | 1.86       | 10.00      |            |            |            |            | 0.79      | 10.00      |            | 0.41       |
| K-12-0433 | M365694                    | 168.62 | 170.52 |           | 1.83       | 10.00      |            |            |            |            | 0.75      | 10.00      |            | 0.53       |
| K-12-0433 | M365695                    | 168.62 | 170.52 |           | 1.89       | 10.00      |            |            |            |            | 0.76      | 20.00      |            | 0.53       |
| K-12-0433 | M365696                    | 170.52 | 172.02 |           | 2.03       | 10.00      |            |            |            |            | 0.89      | 20.00      |            | 0.66       |
| K-12-0433 | M365697                    | 172.02 | 173.40 |           | 2.72       | 10.00      |            |            |            |            | 0.72      | 20.00      |            | 0.91       |
| K-12-0433 | M365698                    | 173.40 | 174.45 |           | 2.48       | 10.00      |            |            |            |            | 1.35      | 20.00      |            | 0.62       |
| K-12-0433 | M365699                    | 174.45 | 176.00 |           | 0.78       | -10.00     |            |            |            |            | 0.11      | 10.00      |            | 0.11       |
| K-12-0433 | M365700                    | 176.00 | 177.27 |           | 1.92       | 10.00      |            |            |            |            | 0.78      | 20.00      |            | 0.37       |
| K-12-0433 | M365701                    | 177.27 | 179.00 |           | 4.08       | 20.00      |            |            |            |            | 1.97      | 20.00      |            | 1.02       |
| K-12-0433 | M365702                    | 179.00 | 180.57 |           | 4.00       | 20.00      |            |            |            |            | 1.79      | 20.00      |            | 1.04       |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm | Re ICP ppm | S ICP pct | Sb ICP ppm |
|-----------|----------------------------|--------|--------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|-----------|------------|
| K-12-0433 | M365636                    | 85.47  | 86.82  | 1335.00    | 3.00       | 0.15       |            | 25.00      | 560.00    |            |            |            | 0.13      | -5.00      |
| K-12-0433 | NR K-12-0433_86.82_87.59   | 86.82  | 87.59  |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365637                    | 87.59  | 88.38  | 552.00     | 2.00       | 0.04       |            | 7.00       | 320.00    |            |            |            | 0.04      | -5.00      |
| K-12-0433 | M365638                    | 88.38  | 89.00  | 200.00     | 2.00       | 0.15       |            | 16.00      | 1160.00   |            |            |            | 0.07      | -5.00      |
| K-12-0433 | M365639                    | 89.00  | 92.00  | 191.00     | 2.00       | 0.09       |            | 11.00      | 380.00    |            |            |            | 0.05      | -5.00      |
| K-12-0433 | M365640                    | 92.00  | 95.00  | 262.00     | 3.00       | 0.13       |            | 18.00      | 510.00    |            |            |            | 0.06      | -5.00      |
| K-12-0433 | M365641                    | 95.00  | 98.00  | 95.00      | 3.00       | 0.08       |            | 8.00       | 310.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365642                    | 98.00  | 101.00 | 49.00      | 2.00       | 0.08       |            | 12.00      | 210.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365643                    | 101.00 | 102.95 | 41.00      | 3.00       | 0.07       |            | 6.00       | 160.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365644                    | 102.95 | 104.89 | 166.00     | 3.00       | 0.63       |            | 29.00      | 770.00    |            |            |            | 0.03      | -5.00      |
| K-12-0433 | M365645                    | 102.95 | 104.89 | 167.00     | 3.00       | 0.65       |            | 31.00      | 790.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | NR K-12-0433_104.89_106.35 | 104.89 | 106.35 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365646                    | 106.35 | 107.46 | 206.00     | 3.00       | 0.07       |            | 10.00      | 290.00    |            |            |            | 0.15      | -5.00      |
| K-12-0433 | M365647                    | 107.46 | 107.97 | 470.00     | 2.00       | 0.04       |            | 7.00       | 140.00    |            |            |            | 0.30      | -5.00      |
| K-12-0433 | NR K-12-0433_107.97_108.57 | 107.97 | 108.57 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365648                    | 108.57 | 110.32 | 4090.00    | 4.00       | 0.28       |            | 63.00      | 580.00    |            |            |            | 0.03      | -5.00      |
| K-12-0433 | M365649                    | 110.32 | 111.89 | 298.00     | 2.00       | 0.13       |            | 10.00      | 230.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365650                    | 111.89 | 113.78 | 1705.00    | 3.00       | 0.08       |            | 5.00       | 170.00    |            |            |            | 0.11      | -5.00      |
| K-12-0433 | M365652                    | 113.78 | 116.00 | 3530.00    | 4.00       | 0.07       |            | 6.00       | 580.00    |            |            |            | 0.10      | 14.00      |
| K-12-0433 | M365653                    | 116.00 | 118.00 | 3740.00    | 3.00       | 0.01       |            | 16.00      | 380.00    |            |            |            | 0.03      | 10.00      |
| K-12-0433 | M365654                    | 118.00 | 119.45 | 1265.00    | 1.00       | 0.69       |            | 101.00     | 640.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365656                    | 119.45 | 120.75 | 1355.00    | 2.00       | 0.61       |            | 88.00      | 540.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365657                    | 120.75 | 122.33 | 813.00     | 2.00       | 1.72       |            | 89.00      | 660.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365658                    | 122.33 | 124.11 | 174.00     | 3.00       | 0.01       |            | 7.00       | 270.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365659                    | 124.11 | 124.70 | 302.00     | 3.00       | 0.01       |            | 8.00       | 250.00    |            |            |            | 0.01      | 11.00      |
| K-12-0433 | M365660                    | 124.70 | 126.29 | 145.00     | 3.00       | 0.03       |            | 10.00      | 180.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365661                    | 126.29 | 128.08 | 559.00     | -1.00      | 0.12       |            | 9.00       | 400.00    |            |            |            | 0.66      | -5.00      |
| K-12-0433 | M365662                    | 128.08 | 128.55 | 17100.00   | 4.00       | 0.01       |            | 4.00       | 100.00    |            |            |            | 0.01      | 110.00     |
| K-12-0433 | M365663                    | 128.55 | 130.32 | 1810.00    | -1.00      | 0.02       |            | 2.00       | 110.00    |            |            |            | 0.02      | 51.00      |
| K-12-0433 | M365664                    | 130.32 | 131.73 | 396.00     | 1.00       | 0.21       |            | 26.00      | 900.00    |            |            |            | 0.04      | -5.00      |
| K-12-0433 | M365666                    | 131.73 | 132.97 | 1205.00    | 2.00       | 0.10       |            | 12.00      | 1110.00   |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365667                    | 132.97 | 133.22 | 1550.00    | 1.00       | 0.02       |            | 5.00       | 140.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365668                    | 133.22 | 133.36 | 35800.00   | 8.00       | 0.02       |            | 50.00      | 710.00    |            |            |            | 0.13      | 47.00      |
| K-12-0433 | NR K-12-0433_133.36_133.95 | 133.36 | 133.95 |            |            |            |            |            |           |            |            |            |           |            |
| K-12-0433 | M365669                    | 133.95 | 134.58 | 87600.00   | 22.00      | 0.01       |            | 41.00      | 190.00    |            |            |            | 0.01      | 9.00       |
| K-12-0433 | M365671                    | 134.58 | 135.63 | 3300.00    | 2.00       | 0.05       |            | 11.00      | 510.00    |            |            |            | 0.06      | 5.00       |
| K-12-0433 | M365672                    | 135.63 | 137.52 | 2180.00    | -1.00      | 1.02       |            | 99.00      | 600.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365673                    | 137.52 | 139.46 | 1590.00    | -1.00      | 0.93       |            | 114.00     | 530.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365674                    | 139.46 | 141.18 | 1315.00    | -1.00      | 1.43       |            | 109.00     | 530.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365675                    | 139.46 | 141.18 | 1385.00    | -1.00      | 1.47       |            | 115.00     | 540.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365676                    | 141.18 | 143.00 | 1425.00    | -1.00      | 1.35       |            | 103.00     | 550.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365677                    | 143.00 | 144.86 | 1865.00    | -1.00      | 0.77       |            | 35.00      | 1020.00   |            |            |            | 0.08      | -5.00      |
| K-12-0433 | M365678                    | 144.86 | 146.79 | 1900.00    | -1.00      | 0.99       |            | 29.00      | 840.00    |            |            |            | 0.08      | -5.00      |
| K-12-0433 | M365679                    | 146.79 | 148.45 | 1665.00    | -1.00      | 0.92       |            | 35.00      | 740.00    |            |            |            | 0.04      | -5.00      |
| K-12-0433 | M365680                    | 148.45 | 149.99 | 1445.00    | -1.00      | 0.64       |            | 24.00      | 880.00    |            |            |            | 0.21      | -5.00      |
| K-12-0433 | M365681                    | 149.99 | 152.00 | 1235.00    | -1.00      | 1.17       |            | 67.00      | 630.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365682                    | 152.00 | 153.53 | 360.00     | -1.00      | 0.07       |            | 31.00      | 870.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365683                    | 153.53 | 155.00 | 115.00     | -1.00      | 0.01       |            | 4.00       | 240.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365684                    | 155.00 | 156.27 | 110.00     | -1.00      | 0.08       |            | 14.00      | 410.00    |            |            |            | 0.02      | -5.00      |
| K-12-0433 | M365686                    | 156.27 | 158.00 | 157.00     | 9.00       | 0.19       |            | 18.00      | 270.00    |            |            |            | 0.71      | -5.00      |
| K-12-0433 | M365687                    | 158.00 | 159.31 | 532.00     | 7.00       | 0.17       |            | 32.00      | 470.00    |            |            |            | 1.21      | -5.00      |
| K-12-0433 | M365688                    | 159.31 | 160.96 | 399.00     | 10.00      | 0.28       |            | 35.00      | 580.00    |            |            |            | 0.49      | -5.00      |
| K-12-0433 | M365689                    | 160.96 | 162.80 | 272.00     | 3.00       | 0.19       |            | 32.00      | 430.00    |            |            |            | 1.12      | -5.00      |
| K-12-0433 | M365691                    | 162.80 | 164.63 | 315.00     | 9.00       | 0.25       |            | 29.00      | 330.00    |            |            |            | 1.23      | -5.00      |
| K-12-0433 | M365692                    | 164.63 | 166.63 | 377.00     | 5.00       | 0.15       |            | 21.00      | 310.00    |            |            |            | 1.01      | -5.00      |
| K-12-0433 | M365693                    | 166.63 | 168.62 | 115.00     | 10.00      | 0.20       |            | 31.00      | 260.00    |            |            |            | 1.14      | -5.00      |
| K-12-0433 | M365694                    | 168.62 | 170.52 | 251.00     | 8.00       | 0.20       |            | 30.00      | 350.00    |            |            |            | 1.00      | -5.00      |
| K-12-0433 | M365695                    | 168.62 | 170.52 | 257.00     | 9.00       | 0.20       |            | 28.00      | 350.00    |            |            |            | 1.01      | -5.00      |
| K-12-0433 | M365696                    | 170.52 | 172.02 | 385.00     | 9.00       | 0.22       |            | 37.00      | 440.00    |            |            |            | 0.86      | -5.00      |
| K-12-0433 | M365697                    | 172.02 | 173.40 | 1090.00    | 6.00       | 0.18       |            | 34.00      | 570.00    |            |            |            | 0.85      | -5.00      |
| K-12-0433 | M365698                    | 173.40 | 174.45 | 146.00     | 1.00       | 0.45       |            | 28.00      | 320.00    |            |            |            | 0.90      | -5.00      |
| K-12-0433 | M365699                    | 174.45 | 176.00 | 306.00     | -1.00      | 0.07       |            | 8.00       | 230.00    |            |            |            | 0.13      | -5.00      |
| K-12-0433 | M365700                    | 176.00 | 177.27 | 202.00     | 11.00      | 0.18       |            | 27.00      | 270.00    |            |            |            | 0.91      | -5.00      |
| K-12-0433 | M365701                    | 177.27 | 179.00 | 470.00     | 16.00      | 0.20       |            | 61.00      | 410.00    |            |            |            | 2.43      | -5.00      |
| K-12-0433 | M365702                    | 179.00 | 180.57 | 556.00     | 12.00      | 0.21       |            | 67.00      | 390.00    |            |            |            | 2.10      | -5.00      |

## Drill Hole Assays

| Hole      | DH Sample                  | From m | To m   | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm | V ICP ppm |
|-----------|----------------------------|--------|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|
| K-12-0433 | M365636                    | 85.47  | 86.82  | 5.00       |            |            | 83.00      |            |            |            | -20.00     | 0.19       | -10.00    | 61.00     |
| K-12-0433 | NR K-12-0433 86.82 87.59   | 86.82  | 87.59  |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365637                    | 87.59  | 88.38  | 2.00       |            |            | 67.00      |            |            |            | -20.00     | 0.07       | -10.00    | 16.00     |
| K-12-0433 | M365638                    | 88.38  | 89.00  | 5.00       |            |            | 48.00      |            |            |            | -20.00     | 0.22       | -10.00    | 62.00     |
| K-12-0433 | M365639                    | 89.00  | 92.00  | 3.00       |            |            | 27.00      |            |            |            | -20.00     | 0.13       | -10.00    | 35.00     |
| K-12-0433 | M365640                    | 92.00  | 95.00  | 4.00       |            |            | 39.00      |            |            |            | -20.00     | 0.17       | -10.00    | 45.00     |
| K-12-0433 | M365641                    | 95.00  | 98.00  | 2.00       |            |            | 28.00      |            |            |            | -20.00     | 0.10       | -10.00    | 23.00     |
| K-12-0433 | M365642                    | 98.00  | 101.00 | 2.00       |            |            | 22.00      |            |            |            | -20.00     | 0.10       | -10.00    | 14.00     |
| K-12-0433 | M365643                    | 101.00 | 102.95 | 1.00       |            |            | 20.00      |            |            |            | -20.00     | 0.10       | -10.00    | 14.00     |
| K-12-0433 | M365644                    | 102.95 | 104.89 | 13.00      |            |            | 139.00     |            |            |            | -20.00     | 0.31       | -10.00    | 124.00    |
| K-12-0433 | M365645                    | 102.95 | 104.89 | 13.00      |            |            | 144.00     |            |            |            | -20.00     | 0.30       | -10.00    | 125.00    |
| K-12-0433 | NR K-12-0433 104.89 106.35 | 104.89 | 106.35 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365646                    | 106.35 | 107.46 | 2.00       |            |            | 28.00      |            |            |            | -20.00     | 0.09       | -10.00    | 21.00     |
| K-12-0433 | M365647                    | 107.46 | 107.97 | 1.00       |            |            | 51.00      |            |            |            | -20.00     | 0.07       | -10.00    | 12.00     |
| K-12-0433 | NR K-12-0433 107.97 108.57 | 107.97 | 108.57 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365648                    | 108.57 | 110.32 | 10.00      |            |            | 65.00      |            |            |            | -20.00     | 0.29       | -10.00    | 98.00     |
| K-12-0433 | M365649                    | 110.32 | 111.89 | 3.00       |            |            | 28.00      |            |            |            | -20.00     | 0.13       | -10.00    | 30.00     |
| K-12-0433 | M365650                    | 111.89 | 113.78 | 3.00       |            |            | 18.00      |            |            |            | -20.00     | 0.15       | -10.00    | 30.00     |
| K-12-0433 | M365652                    | 113.78 | 116.00 | 4.00       |            |            | 19.00      |            |            |            | -20.00     | 0.17       | -10.00    | 44.00     |
| K-12-0433 | M365653                    | 116.00 | 118.00 | 2.00       |            |            | 16.00      |            |            |            | -20.00     | 0.10       | -10.00    | 19.00     |
| K-12-0433 | M365654                    | 118.00 | 119.45 | 31.00      |            |            | 261.00     |            |            |            | -20.00     | 0.81       | -10.00    | 283.00    |
| K-12-0433 | M365656                    | 119.45 | 120.75 | 27.00      |            |            | 195.00     |            |            |            | -20.00     | 0.79       | -10.00    | 262.00    |
| K-12-0433 | M365657                    | 120.75 | 122.33 | 23.00      |            |            | 151.00     |            |            |            | -20.00     | 0.75       | -10.00    | 224.00    |
| K-12-0433 | M365658                    | 122.33 | 124.11 | 2.00       |            |            | 10.00      |            |            |            | -20.00     | 0.10       | -10.00    | 16.00     |
| K-12-0433 | M365659                    | 124.11 | 124.70 | 2.00       |            |            | 6.00       |            |            |            | -20.00     | 0.10       | -10.00    | 15.00     |
| K-12-0433 | M365660                    | 124.70 | 126.29 | 2.00       |            |            | 13.00      |            |            |            | -20.00     | 0.14       | -10.00    | 26.00     |
| K-12-0433 | M365661                    | 126.29 | 128.08 | 4.00       |            |            | 73.00      |            |            |            | -20.00     | 0.17       | -10.00    | 36.00     |
| K-12-0433 | M365662                    | 128.08 | 128.55 | 1.00       |            |            | 25.00      |            |            |            | -20.00     | 0.05       | -10.00    | 5.00      |
| K-12-0433 | M365663                    | 128.55 | 130.32 | 1.00       |            |            | 8.00       |            |            |            | -20.00     | 0.09       | -10.00    | 11.00     |
| K-12-0433 | M365664                    | 130.32 | 131.73 | 7.00       |            |            | 52.00      |            |            |            | -20.00     | 0.28       | -10.00    | 70.00     |
| K-12-0433 | M365666                    | 131.73 | 132.97 | 5.00       |            |            | 25.00      |            |            |            | -20.00     | 0.20       | -10.00    | 42.00     |
| K-12-0433 | M365667                    | 132.97 | 133.22 | 1.00       |            |            | 8.00       |            |            |            | -20.00     | 0.08       | -10.00    | 11.00     |
| K-12-0433 | M365668                    | 133.22 | 133.36 | 36.00      |            |            | 52.00      |            |            |            | -20.00     | 0.96       | -10.00    | 355.00    |
| K-12-0433 | NR K-12-0433 133.36 133.95 | 133.36 | 133.95 |            |            |            |            |            |            |            |            |            |           |           |
| K-12-0433 | M365669                    | 133.95 | 134.58 | 15.00      |            |            | 71.00      |            |            |            | -20.00     | 0.13       | -10.00    | 58.00     |
| K-12-0433 | M365671                    | 134.58 | 135.63 | 5.00       |            |            | 16.00      |            |            |            | -20.00     | 0.17       | -10.00    | 44.00     |
| K-12-0433 | M365672                    | 135.63 | 137.52 | 37.00      |            |            | 338.00     |            |            |            | -20.00     | 0.94       | -10.00    | 326.00    |
| K-12-0433 | M365673                    | 137.52 | 139.46 | 32.00      |            |            | 246.00     |            |            |            | -20.00     | 0.92       | -10.00    | 309.00    |
| K-12-0433 | M365674                    | 139.46 | 141.18 | 33.00      |            |            | 383.00     |            |            |            | -20.00     | 0.88       | -10.00    | 305.00    |
| K-12-0433 | M365675                    | 139.46 | 141.18 | 34.00      |            |            | 399.00     |            |            |            | -20.00     | 0.91       | -10.00    | 318.00    |
| K-12-0433 | M365676                    | 141.18 | 143.00 | 32.00      |            |            | 357.00     |            |            |            | -20.00     | 0.94       | -10.00    | 315.00    |
| K-12-0433 | M365677                    | 143.00 | 144.86 | 39.00      |            |            | 527.00     |            |            |            | -20.00     | 1.68       | -10.00    | 469.00    |
| K-12-0433 | M365678                    | 144.86 | 146.79 | 41.00      |            |            | 315.00     |            |            |            | -20.00     | 1.85       | -10.00    | 597.00    |
| K-12-0433 | M365679                    | 146.79 | 148.45 | 37.00      |            |            | 266.00     |            |            |            | -20.00     | 1.64       | -10.00    | 647.00    |
| K-12-0433 | M365680                    | 148.45 | 149.99 | 35.00      |            |            | 172.00     |            |            |            | -20.00     | 1.67       | -10.00    | 491.00    |
| K-12-0433 | M365681                    | 149.99 | 152.00 | 32.00      |            |            | 270.00     |            |            |            | -20.00     | 0.89       | -10.00    | 326.00    |
| K-12-0433 | M365682                    | 152.00 | 153.53 | 11.00      |            |            | 101.00     |            |            |            | -20.00     | 0.21       | -10.00    | 118.00    |
| K-12-0433 | M365683                    | 153.53 | 155.00 | 1.00       |            |            | 80.00      |            |            |            | -20.00     | 0.05       | -10.00    | 10.00     |
| K-12-0433 | M365684                    | 155.00 | 156.27 | 6.00       |            |            | 52.00      |            |            |            | -20.00     | 0.19       | -10.00    | 69.00     |
| K-12-0433 | M365686                    | 156.27 | 158.00 | 10.00      |            |            | 70.00      |            |            |            | -20.00     | 0.16       | -10.00    | 122.00    |
| K-12-0433 | M365687                    | 158.00 | 159.31 | 8.00       |            |            | 221.00     |            |            |            | -20.00     | 0.11       | -10.00    | 90.00     |
| K-12-0433 | M365688                    | 159.31 | 160.96 | 9.00       |            |            | 124.00     |            |            |            | -20.00     | 0.17       | -10.00    | 111.00    |
| K-12-0433 | M365689                    | 160.96 | 162.80 | 9.00       |            |            | 87.00      |            |            |            | -20.00     | 0.15       | -10.00    | 98.00     |
| K-12-0433 | M365691                    | 162.80 | 164.63 | 8.00       |            |            | 154.00     |            |            |            | -20.00     | 0.14       | -10.00    | 100.00    |
| K-12-0433 | M365692                    | 164.63 | 166.63 | 7.00       |            |            | 149.00     |            |            |            | -20.00     | 0.10       | -10.00    | 91.00     |
| K-12-0433 | M365693                    | 166.63 | 168.62 | 8.00       |            |            | 80.00      |            |            |            | -20.00     | 0.16       | -10.00    | 108.00    |
| K-12-0433 | M365694                    | 168.62 | 170.52 | 8.00       |            |            | 140.00     |            |            |            | -20.00     | 0.17       | -10.00    | 101.00    |
| K-12-0433 | M365695                    | 168.62 | 170.52 | 8.00       |            |            | 142.00     |            |            |            | -20.00     | 0.17       | -10.00    | 101.00    |
| K-12-0433 | M365696                    | 170.52 | 172.02 | 9.00       |            |            | 144.00     |            |            |            | -20.00     | 0.20       | -10.00    | 119.00    |
| K-12-0433 | M365697                    | 172.02 | 173.40 | 11.00      |            |            | 248.00     |            |            |            | -20.00     | 0.22       | -10.00    | 114.00    |
| K-12-0433 | M365698                    | 173.40 | 174.45 | 11.00      |            |            | 187.00     |            |            |            | -20.00     | 0.28       | -10.00    | 126.00    |
| K-12-0433 | M365699                    | 174.45 | 176.00 | 1.00       |            |            | 61.00      |            |            |            | -20.00     | 0.06       | -10.00    | 14.00     |
| K-12-0433 | M365700                    | 176.00 | 177.27 | 7.00       |            |            | 131.00     |            |            |            | -20.00     | 0.18       | -10.00    | 95.00     |
| K-12-0433 | M365701                    | 177.27 | 179.00 | 14.00      |            |            | 107.00     |            |            |            | -20.00     | 0.32       | -10.00    | 155.00    |
| K-12-0433 | M365702                    | 179.00 | 180.57 | 14.00      |            |            | 100.00     |            |            |            | -20.00     | 0.31       | -10.00    | 161.00    |

| Drill Hole Assays |                            |        |        |           |           |            |         |                |             |               |                |          |            |
|-------------------|----------------------------|--------|--------|-----------|-----------|------------|---------|----------------|-------------|---------------|----------------|----------|------------|
| Hole              | DH Sample                  | From m | To m   | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab            | Certificate | Date Received | Date Finalized | Added By | Added Time |
| K-12-0433         | M365636                    | 85.47  | 86.82  | -10.00    |           |            | 2.90    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 86.82_87.59   | 86.82  | 87.59  |           |           |            |         |                |             |               |                |          |            |
| K-12-0433         | M365637                    | 87.59  | 88.38  | -10.00    |           |            | 2.98    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365638                    | 88.38  | 89.00  | -10.00    |           |            | 2.91    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365639                    | 89.00  | 92.00  | -10.00    |           |            | 2.98    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365640                    | 92.00  | 95.00  | -10.00    |           |            | 2.96    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365641                    | 95.00  | 98.00  | -10.00    |           |            | 3.01    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365642                    | 98.00  | 101.00 | -10.00    |           |            | 2.83    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365643                    | 101.00 | 102.95 | -10.00    |           |            | 2.90    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365644                    | 102.95 | 104.89 | 10.00     |           |            | 3.07    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365645                    | 102.95 | 104.89 | -10.00    |           |            |         | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 104.89_106.35 | 104.89 | 106.35 |           |           |            |         |                |             |               |                |          |            |
| K-12-0433         | M365646                    | 106.35 | 107.46 | -10.00    |           |            | 2.90    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365647                    | 107.46 | 107.97 | -10.00    |           |            | 2.98    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | NR K-12-0433 107.97_108.57 | 107.97 | 108.57 |           |           |            |         |                |             |               |                |          |            |
| K-12-0433         | M365648                    | 108.57 | 110.32 | -10.00    |           |            | 3.12    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365649                    | 110.32 | 111.89 | -10.00    |           |            | 2.93    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365650                    | 111.89 | 113.78 | -10.00    |           |            | 3.08    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365652                    | 113.78 | 116.00 | -10.00    |           |            | 3.03    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365653                    | 116.00 | 118.00 | -10.00    |           |            | 3.04    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365654                    | 118.00 | 119.45 | -10.00    |           |            | 2.98    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365656                    | 119.45 | 120.75 | -10.00    |           |            | 3.02    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365657                    | 120.75 | 122.33 | -10.00    |           |            | 2.73    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365658                    | 122.33 | 124.11 | -10.00    |           |            | 2.94    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365659                    | 124.11 | 124.70 | -10.00    |           |            | 3.01    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365660                    | 124.70 | 126.29 | -10.00    |           |            | 3.00    | WH12151549     |             | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433         | M365661                    | 126.29 | 128.08 | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365662                    | 128.08 | 128.55 | -10.00    |           |            | 2.81    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365663                    | 128.55 | 130.32 | -10.00    |           |            | 2.70    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365664                    | 130.32 | 131.73 | -10.00    |           |            | 2.76    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365666                    | 131.73 | 132.97 | -10.00    |           |            | 2.66    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365667                    | 132.97 | 133.22 | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365668                    | 133.22 | 133.36 | 20.00     |           |            | 3.06    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | NR K-12-0433 133.36_133.95 | 133.36 | 133.95 |           |           |            |         |                |             |               |                |          |            |
| K-12-0433         | M365669                    | 133.95 | 134.58 | -10.00    |           |            | 3.43    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365671                    | 134.58 | 135.63 | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365672                    | 135.63 | 137.52 | -10.00    |           |            | 2.97    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365673                    | 137.52 | 139.46 | -10.00    |           |            | 2.93    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365674                    | 139.46 | 141.18 | -10.00    |           |            | 3.04    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365675                    | 139.46 | 141.18 | -10.00    |           |            |         | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365676                    | 141.18 | 143.00 | -10.00    |           |            | 3.04    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365677                    | 143.00 | 144.86 | -10.00    |           |            | 3.04    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365678                    | 144.86 | 146.79 | -10.00    |           |            | 2.96    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365679                    | 146.79 | 148.45 | -10.00    |           |            | 2.92    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365680                    | 148.45 | 149.99 | -10.00    |           |            | 2.99    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365681                    | 149.99 | 152.00 | -10.00    |           |            | 2.91    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365682                    | 152.00 | 153.53 | -10.00    |           |            | 2.83    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365683                    | 153.53 | 155.00 | -10.00    |           |            | 2.64    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365684                    | 155.00 | 156.27 | -10.00    |           |            | 2.76    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365686                    | 156.27 | 158.00 | -10.00    |           |            | 2.79    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365687                    | 158.00 | 159.31 | -10.00    |           |            | 2.78    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365688                    | 159.31 | 160.96 | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365689                    | 160.96 | 162.80 | -10.00    |           |            | 2.86    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365691                    | 162.80 | 164.63 | 10.00     |           |            | 2.77    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365692                    | 164.63 | 166.63 | -10.00    |           |            | 2.80    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365693                    | 166.63 | 168.62 | -10.00    |           |            | 2.79    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365694                    | 168.62 | 170.52 | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365695                    | 168.62 | 170.52 | -10.00    |           |            |         | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365696                    | 170.52 | 172.02 | -10.00    |           |            | 2.72    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365697                    | 172.02 | 173.40 | -10.00    |           |            | 2.75    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365698                    | 173.40 | 174.45 | -10.00    |           |            | 2.79    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365699                    | 174.45 | 176.00 | -10.00    |           |            | 2.72    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365700                    | 176.00 | 177.27 | -10.00    |           |            | 2.71    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433         | M365701                    | 177.27 | 179.00 | -10.00    |           |            | 2.88    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433         | M365702                    | 179.00 | 180.57 | -10.00    |           |            | 2.84    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm |
|-----------|----------|--------|--------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|
| K-12-0433 | M365703  | 180.57 | 181.86 | HCORE         | FALSE     |                | 0.01        | -0.50       | 11.00       | 126.00      | 0.01      |            |           |
| K-12-0433 | M365704  | 181.86 | 183.64 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 49.00       | -0.01     |            |           |
| K-12-0433 | M365705  | 183.64 | 185.42 | HCORE         | FALSE     |                | 0.01        | -0.50       | 18.00       | 102.00      | 0.01      |            |           |
| K-12-0433 | M365707  | 185.42 | 187.06 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 75.00       | -0.01     |            |           |
| K-12-0433 | M365708  | 187.06 | 188.62 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 86.00       | -0.01     |            |           |
| K-12-0433 | M365709  | 188.62 | 189.88 | HCORE         | FALSE     |                | 0.01        | -0.50       | 13.00       | 128.00      | 0.01      |            |           |
| K-12-0433 | M365710  | 189.88 | 191.52 | HCORE         | TRUE      |                | 0.01        | 0.80        | 17.00       | 84.00       | 0.01      |            |           |
| K-12-0433 | M365711  | 189.88 | 191.52 | DUP           | FALSE     | M365710        | 0.01        | -0.50       | 12.00       | 82.00       | 0.01      |            |           |
| K-12-0433 | M365712  | 191.52 | 193.37 | HCORE         | FALSE     |                | -0.01       | -0.50       | 10.00       | 79.00       | -0.01     |            |           |
| K-12-0433 | M365713  | 193.37 | 195.05 | HCORE         | FALSE     |                | -0.01       | -0.50       | 7.00        | 57.00       | -0.01     |            |           |
| K-12-0433 | M365714  | 195.05 | 196.77 | HCORE         | FALSE     |                | 0.01        | -0.50       | 5.00        | 26.00       | 0.01      |            |           |
| K-12-0433 | M365716  | 196.77 | 198.23 | HCORE         | FALSE     |                | 0.01        | -0.50       | 6.00        | 28.00       | 0.01      |            |           |
| K-12-0433 | M365717  | 198.23 | 199.23 | HCORE         | FALSE     |                | -0.01       | -0.50       | 9.00        | 52.00       | -0.01     |            |           |
| K-12-0433 | M365718  | 199.23 | 201.05 | HCORE         | FALSE     |                | -0.01       | -0.50       | 15.00       | 87.00       | -0.01     |            |           |
| K-12-0433 | M365719  | 201.05 | 202.74 | HCORE         | FALSE     |                | 0.01        | -0.50       | 20.00       | 109.00      | 0.01      |            |           |
| K-12-0433 | M365720  | 202.74 | 204.52 | HCORE         | FALSE     |                | 0.01        | -0.50       | 4.00        | 18.00       | 0.01      |            |           |
| K-12-0433 | M365721  | 204.52 | 205.46 | HCORE         | FALSE     |                | -0.01       | -0.50       | 7.00        | 83.00       | -0.01     |            |           |
| K-12-0433 | M365722  | 205.46 | 206.80 | HCORE         | FALSE     |                | -0.01       | -0.50       | 4.00        | 20.00       | -0.01     |            |           |
| K-12-0433 | M365723  | 206.80 | 207.44 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 30.00       | -0.01     |            |           |
| K-12-0433 | M365724  | 207.44 | 209.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 15.00       | 68.00       | 0.01      |            |           |
| K-12-0433 | M365726  | 209.00 | 210.71 | HCORE         | FALSE     |                | -0.01       | -0.50       | 50.00       | 121.00      | -0.01     |            |           |
| K-12-0433 | M365727  | 210.71 | 211.00 | HCORE         | TRUE      |                | 0.01        | -0.50       | 12.00       | 55.00       | 0.01      |            |           |
| K-12-0433 | M365728  | 210.71 | 211.00 | DUP           | FALSE     | M365727        | 0.01        | -0.50       | 6.00        | 52.00       | 0.01      |            |           |
| K-12-0433 | M365729  | 211.00 | 212.19 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 58.00       | -0.01     |            |           |
| K-12-0433 | M365730  | 212.19 | 213.75 | HCORE         | FALSE     |                | 0.02        | 0.50        | 17.00       | 195.00      | 0.02      |            |           |
| K-12-0433 | M365731  | 213.75 | 215.64 | HCORE         | FALSE     |                | 0.01        | -0.50       | 21.00       | 106.00      | 0.01      |            |           |
| K-12-0433 | M365732  | 215.64 | 216.16 | HCORE         | FALSE     |                | 0.01        | 1.80        | 156.00      | 337.00      | 0.01      |            |           |
| K-12-0433 | M365573  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 14.00       |           | -0.01      |           |
| K-12-0433 | M365584  |        |        | PB 137        | FALSE     |                | 0.06        | 112.00      | 25700.00    | 26300.00    |           | 0.06       |           |
| K-12-0433 | M365588  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 13.00       |           | -0.01      |           |
| K-12-0433 | M365606  |        |        | PM 1123       | FALSE     |                | 1.46        | 31.80       | 60.00       | 57.00       |           | 1.46       |           |
| K-12-0433 | M365611  |        |        | BLANK         | FALSE     |                | 0.01        | -0.50       | -2.00       | 18.00       |           | 0.01       |           |
| K-12-0433 | M365625  |        |        | BLANK         | FALSE     |                | 0.03        | -0.50       | -2.00       | 17.00       |           | 0.03       |           |
| K-12-0433 | M365635  |        |        | PB 137        | FALSE     |                | 0.06        | 113.00      | 25300.00    | 26300.00    |           | 0.06       |           |
| K-12-0433 | M365651  |        |        | PM 1123       | FALSE     |                | 1.42        | 32.80       | 60.00       | 60.00       |           | 1.42       |           |
| K-12-0433 | M365655  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 16.00       |           | -0.01      |           |
| K-12-0433 | M365665  |        |        | PB 137        | FALSE     |                | 0.03        | 110.00      | 25000.00    | 26000.00    | 0.03      |            |           |
| K-12-0433 | M365670  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | 2.00        | 29.00       | -0.01     |            |           |
| K-12-0433 | M365685  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 18.00       | -0.01     |            |           |
| K-12-0433 | M365690  |        |        | PB 137        | FALSE     |                | 0.04        | 105.00      | 24000.00    | 25500.00    | 0.04      |            |           |
| K-12-0433 | M365706  |        |        | PM 1123       | FALSE     |                | 1.41        | 32.80       | 60.00       | 60.00       | 1.41      |            |           |
| K-12-0433 | M365715  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 20.00       | -0.01     |            |           |
| K-12-0433 | M365725  |        |        | PB 137        | FALSE     |                | 0.04        | 105.00      | 24100.00    | 24700.00    | 0.04      |            |           |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | Ag AA ppm | Ag ICP ppm | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct |
|-----------|----------|--------|--------|-----------|------------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|
| K-12-0433 | M365703  | 180.57 | 181.86 |           | -0.50      |           |            | 11.00      |           | 126.00     |           | 6.04       | 23.00      |           |
| K-12-0433 | M365704  | 181.86 | 183.64 |           | -0.50      |           |            | 8.00       |           | 49.00      |           | 1.56       | 8.00       |           |
| K-12-0433 | M365705  | 183.64 | 185.42 |           | -0.50      |           |            | 18.00      |           | 102.00     |           | 7.58       | 6.00       |           |
| K-12-0433 | M365707  | 185.42 | 187.06 |           | -0.50      |           |            | 11.00      |           | 75.00      |           | 5.22       | 6.00       |           |
| K-12-0433 | M365708  | 187.06 | 188.62 |           | -0.50      |           |            | 14.00      |           | 86.00      |           | 4.47       | 10.00      |           |
| K-12-0433 | M365709  | 188.62 | 189.88 |           | -0.50      |           |            | 13.00      |           | 128.00     |           | 6.09       | 17.00      |           |
| K-12-0433 | M365710  | 189.88 | 191.52 |           | 0.80       |           |            | 17.00      |           | 84.00      |           | 3.84       | 11.00      |           |
| K-12-0433 | M365711  | 189.88 | 191.52 |           | -0.50      |           |            | 12.00      |           | 82.00      |           | 3.76       | 12.00      |           |
| K-12-0433 | M365712  | 191.52 | 193.37 |           | -0.50      |           |            | 10.00      |           | 79.00      |           | 3.37       | 11.00      |           |
| K-12-0433 | M365713  | 193.37 | 195.05 |           | -0.50      |           |            | 7.00       |           | 57.00      |           | 2.63       | 7.00       |           |
| K-12-0433 | M365714  | 195.05 | 196.77 |           | -0.50      |           |            | 5.00       |           | 26.00      |           | 0.60       | -5.00      |           |
| K-12-0433 | M365716  | 196.77 | 198.23 |           | -0.50      |           |            | 6.00       |           | 28.00      |           | 0.64       | -5.00      |           |
| K-12-0433 | M365717  | 198.23 | 199.23 |           | -0.50      |           |            | 9.00       |           | 52.00      |           | 3.01       | 9.00       |           |
| K-12-0433 | M365718  | 199.23 | 201.05 |           | -0.50      |           |            | 15.00      |           | 87.00      |           | 7.18       | 5.00       |           |
| K-12-0433 | M365719  | 201.05 | 202.74 |           | -0.50      |           |            | 20.00      |           | 109.00     |           | 8.48       | 5.00       |           |
| K-12-0433 | M365720  | 202.74 | 204.52 |           | -0.50      |           |            | 4.00       |           | 18.00      |           | 1.06       | -5.00      |           |
| K-12-0433 | M365721  | 204.52 | 205.46 |           | -0.50      |           |            | 7.00       |           | 83.00      |           | 4.64       | 13.00      |           |
| K-12-0433 | M365722  | 205.46 | 206.80 |           | -0.50      |           |            | 4.00       |           | 20.00      |           | 0.92       | -5.00      |           |
| K-12-0433 | M365723  | 206.80 | 207.44 |           | -0.50      |           |            | -2.00      |           | 30.00      |           | 0.41       | -5.00      |           |
| K-12-0433 | M365724  | 207.44 | 209.00 |           | -0.50      |           |            | 15.00      |           | 68.00      |           | 1.39       | -5.00      |           |
| K-12-0433 | M365726  | 209.00 | 210.71 |           | -0.50      |           |            | 50.00      |           | 121.00     |           | 5.84       | 14.00      |           |
| K-12-0433 | M365727  | 210.71 | 211.00 |           | -0.50      |           |            | 12.00      |           | 55.00      |           | 2.30       | 5.00       |           |
| K-12-0433 | M365728  | 210.71 | 211.00 |           | -0.50      |           |            | 6.00       |           | 52.00      |           | 2.24       | -5.00      |           |
| K-12-0433 | M365729  | 211.00 | 212.19 |           | -0.50      |           |            | 6.00       |           | 58.00      |           | 1.29       | 6.00       |           |
| K-12-0433 | M365730  | 212.19 | 213.75 |           | 0.50       |           |            | 17.00      |           | 195.00     |           | 5.86       | 11.00      |           |
| K-12-0433 | M365731  | 213.75 | 215.64 |           | -0.50      |           |            | 21.00      |           | 106.00     |           | 7.92       | 12.00      |           |
| K-12-0433 | M365732  | 215.64 | 216.16 |           | 1.80       |           |            | 156.00     |           | 337.00     |           | 3.15       | 18.00      |           |
| K-12-0433 | M365573  |        |        |           | -0.50      |           |            | -2.00      |           | 14.00      |           | 0.15       | -5.00      |           |
| K-12-0433 | M365584  |        |        |           | 100.00     | 112.00    |            | 10000.00   | 2.57      | 10000.00   | 2.63      | 7.86       | 117.00     |           |
| K-12-0433 | M365588  |        |        |           | -0.50      |           |            | -2.00      |           | 13.00      |           | 0.06       | -5.00      |           |
| K-12-0433 | M365606  |        |        |           | 31.80      |           |            | 60.00      |           | 57.00      |           | 6.97       | 18.00      |           |
| K-12-0433 | M365611  |        |        |           | -0.50      |           |            | -2.00      |           | 18.00      |           | 0.09       | -5.00      |           |
| K-12-0433 | M365625  |        |        |           | -0.50      |           |            | -2.00      |           | 17.00      |           | 0.06       | -5.00      |           |
| K-12-0433 | M365635  |        |        |           | 100.00     | 113.00    |            | 10000.00   | 2.53      | 10000.00   | 2.63      | 7.27       | 113.00     |           |
| K-12-0433 | M365651  |        |        |           | 32.80      |           |            | 60.00      |           | 60.00      |           | 7.17       | 27.00      |           |
| K-12-0433 | M365655  |        |        |           | -0.50      |           |            | -2.00      |           | 16.00      |           | 0.11       | -5.00      |           |
| K-12-0433 | M365665  |        |        |           | 100.00     | 110.00    |            | 10000.00   | 2.50      | 10000.00   | 2.60      | 7.46       | 109.00     |           |
| K-12-0433 | M365670  |        |        |           | -0.50      |           |            | 2.00       |           | 29.00      |           | 0.08       | 8.00       |           |
| K-12-0433 | M365685  |        |        |           | -0.50      |           |            | -2.00      |           | 18.00      |           | 0.05       | -5.00      |           |
| K-12-0433 | M365690  |        |        |           | 100.00     | 105.00    |            | 10000.00   | 2.40      | 10000.00   | 2.55      | 7.62       | 110.00     |           |
| K-12-0433 | M365706  |        |        |           | 32.80      |           |            | 60.00      |           | 60.00      |           | 7.01       | 26.00      |           |
| K-12-0433 | M365715  |        |        |           | -0.50      |           |            | -2.00      |           | 20.00      |           | 0.15       | -5.00      |           |
| K-12-0433 | M365725  |        |        |           | 100.00     | 105.00    |            | 10000.00   | 2.41      | 10000.00   | 2.47      | 6.95       | 107.00     |           |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm |
|-----------|-----------|--------|--------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0433 | M365703   | 180.57 | 181.86 | 620.00     | 1.80       | -2.00      | 2.21       | -0.50      |           |            | 10.00      | 91.00      |            | 48.00      |
| K-12-0433 | M365704   | 181.86 | 183.64 | 720.00     | -0.50      | -2.00      | 1.66       | -0.50      |           |            | 2.00       | 61.00      |            | 8.00       |
| K-12-0433 | M365705   | 183.64 | 185.42 | 1330.00    | 2.00       | -2.00      | 1.55       | -0.50      |           |            | 10.00      | 113.00     |            | 25.00      |
| K-12-0433 | M365707   | 185.42 | 187.06 | 810.00     | 1.20       | -2.00      | 1.48       | -0.50      |           |            | 6.00       | 89.00      |            | 19.00      |
| K-12-0433 | M365708   | 187.06 | 188.62 | 780.00     | 1.20       | -2.00      | 2.19       | -0.50      |           |            | 6.00       | 102.00     |            | 17.00      |
| K-12-0433 | M365709   | 188.62 | 189.88 | 1120.00    | 1.60       | -2.00      | 1.42       | -0.50      |           |            | 8.00       | 104.00     |            | 30.00      |
| K-12-0433 | M365710   | 189.88 | 191.52 | 710.00     | 1.00       | -2.00      | 0.97       | -0.50      |           |            | 6.00       | 105.00     |            | 32.00      |
| K-12-0433 | M365711   | 189.88 | 191.52 | 690.00     | 1.00       | -2.00      | 0.84       | -0.50      |           |            | 5.00       | 100.00     |            | 31.00      |
| K-12-0433 | M365712   | 191.52 | 193.37 | 640.00     | 0.80       | -2.00      | 1.31       | -0.50      |           |            | 6.00       | 83.00      |            | 26.00      |
| K-12-0433 | M365713   | 193.37 | 195.05 | 500.00     | 0.70       | -2.00      | 1.47       | -0.50      |           |            | 4.00       | 84.00      |            | 10.00      |
| K-12-0433 | M365714   | 195.05 | 196.77 | 70.00      | -0.50      | 3.00       | 0.73       | -0.50      |           |            | 2.00       | 59.00      |            | 5.00       |
| K-12-0433 | M365716   | 196.77 | 198.23 | 200.00     | -0.50      | -2.00      | 0.70       | -0.50      |           |            | 1.00       | 76.00      |            | 6.00       |
| K-12-0433 | M365717   | 198.23 | 199.23 | 470.00     | 0.80       | -2.00      | 1.58       | -0.50      |           |            | 5.00       | 88.00      |            | 17.00      |
| K-12-0433 | M365718   | 199.23 | 201.05 | 1100.00    | 1.70       | -2.00      | 2.12       | -0.50      |           |            | 9.00       | 105.00     |            | 17.00      |
| K-12-0433 | M365719   | 201.05 | 202.74 | 1270.00    | 2.20       | -2.00      | 2.56       | -0.50      |           |            | 12.00      | 115.00     |            | 26.00      |
| K-12-0433 | M365720   | 202.74 | 204.52 | 170.00     | -0.50      | -2.00      | 1.57       | -0.50      |           |            | 2.00       | 62.00      |            | 4.00       |
| K-12-0433 | M365721   | 204.52 | 205.46 | 760.00     | 1.10       | -2.00      | 1.06       | -0.50      |           |            | 5.00       | 100.00     |            | 16.00      |
| K-12-0433 | M365722   | 205.46 | 206.80 | 170.00     | -0.50      | -2.00      | 1.56       | -0.50      |           |            | 1.00       | 76.00      |            | 4.00       |
| K-12-0433 | M365723   | 206.80 | 207.44 | 70.00      | -0.50      | -2.00      | 0.36       | -0.50      |           |            | 1.00       | 60.00      |            | 1.00       |
| K-12-0433 | M365724   | 207.44 | 209.00 | 270.00     | -0.50      | -2.00      | 0.70       | -0.50      |           |            | 4.00       | 72.00      |            | 7.00       |
| K-12-0433 | M365726   | 209.00 | 210.71 | 990.00     | 1.30       | -2.00      | 1.34       | 0.70       |           |            | 5.00       | 120.00     |            | 18.00      |
| K-12-0433 | M365727   | 210.71 | 211.00 | 430.00     | 0.70       | -2.00      | 1.13       | -0.50      |           |            | 3.00       | 80.00      |            | 7.00       |
| K-12-0433 | M365728   | 210.71 | 211.00 | 420.00     | 0.60       | -2.00      | 1.15       | -0.50      |           |            | 3.00       | 77.00      |            | 6.00       |
| K-12-0433 | M365729   | 211.00 | 212.19 | 210.00     | -0.50      | -2.00      | 1.18       | -0.50      |           |            | 3.00       | 75.00      |            | 10.00      |
| K-12-0433 | M365730   | 212.19 | 213.75 | 990.00     | 1.40       | -2.00      | 2.78       | 0.50       |           |            | 18.00      | 95.00      |            | 22.00      |
| K-12-0433 | M365731   | 213.75 | 215.64 | 1320.00    | 2.30       | 2.00       | 3.78       | -0.50      |           |            | 10.00      | 128.00     |            | 22.00      |
| K-12-0433 | M365732   | 215.64 | 216.16 | 570.00     | 0.70       | 2.00       | 2.39       | 4.30       |           |            | 6.00       | 68.00      |            | 14.00      |
| K-12-0433 | M365573   |        |        | 20.00      | -0.50      | 4.00       | 21.00      | -0.50      |           |            | -1.00      | 2.00       |            | -1.00      |
| K-12-0433 | M365584   |        |        | 780.00     | 0.70       | 10.00      | 4.06       | 227.00     |           |            | 13.00      | 11.00      |            | 2060.00    |
| K-12-0433 | M365588   |        |        | 20.00      | -0.50      | -2.00      | 21.70      | -0.50      |           |            | -1.00      | 2.00       |            | -1.00      |
| K-12-0433 | M365606   |        |        | 870.00     | 1.00       | -2.00      | 1.84       | -0.50      |           |            | 9.00       | 32.00      |            | 2970.00    |
| K-12-0433 | M365611   |        |        | 60.00      | -0.50      | -2.00      | 20.30      | -0.50      |           |            | 1.00       | 1.00       |            | 1.00       |
| K-12-0433 | M365625   |        |        | 20.00      | -0.50      | -2.00      | 20.40      | -0.50      |           |            | -1.00      | 1.00       |            | -1.00      |
| K-12-0433 | M365635   |        |        | 750.00     | 0.60       | 8.00       | 3.89       | 218.00     |           |            | 14.00      | 12.00      |            | 1940.00    |
| K-12-0433 | M365651   |        |        | 890.00     | 1.00       | -2.00      | 1.88       | -0.50      |           |            | 9.00       | 34.00      |            | 3000.00    |
| K-12-0433 | M365655   |        |        | 40.00      | -0.50      | -2.00      | 20.80      | -0.50      |           |            | 1.00       | 2.00       |            | 1.00       |
| K-12-0433 | M365665   |        |        | 710.00     | 0.70       | 9.00       | 3.96       | 222.00     |           |            | 14.00      | 13.00      |            | 2010.00    |
| K-12-0433 | M365670   |        |        | 2180.00    | -0.50      | -2.00      | 20.70      | -0.50      |           |            | -1.00      | 3.00       |            | 1.00       |
| K-12-0433 | M365685   |        |        | 90.00      | -0.50      | -2.00      | 20.80      | -0.50      |           |            | -1.00      | 2.00       |            | -1.00      |
| K-12-0433 | M365690   |        |        | 750.00     | 0.70       | 10.00      | 3.91       | 218.00     |           |            | 13.00      | 11.00      |            | 1950.00    |
| K-12-0433 | M365706   |        |        | 870.00     | 0.90       | -2.00      | 1.89       | 0.50       |           |            | 8.00       | 32.00      |            | 2950.00    |
| K-12-0433 | M365715   |        |        | 40.00      | -0.50      | 2.00       | 21.10      | -0.50      |           |            | 1.00       | 1.00       |            | 1.00       |
| K-12-0433 | M365725   |        |        | 720.00     | 0.60       | 9.00       | 3.88       | 216.00     |           |            | 12.00      | 10.00      |            | 1925.00    |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Cu OL_pct | Fe ICP_pct | Ga ICP_ppm | Ge ICP_ppm | Hf ICP_ppm | Hg ICP_ppm | In ICP_ppm | K ICP_pct | La ICP_ppm | Li ICP_ppm | Mg ICP_pct |
|-----------|-----------|--------|--------|-----------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|
| K-12-0433 | M365703   | 180.57 | 181.86 |           | 3.53       | 10.00      |            |            |            |            | 1.78      | 30.00      |            | 0.86       |
| K-12-0433 | M365704   | 181.86 | 183.64 |           | 1.34       | -10.00     |            |            |            |            | 0.43      | 10.00      |            | 0.24       |
| K-12-0433 | M365705   | 183.64 | 185.42 |           | 3.80       | 20.00      |            |            |            |            | 1.83      | 30.00      |            | 0.60       |
| K-12-0433 | M365707   | 185.42 | 187.06 |           | 2.87       | 10.00      |            |            |            |            | 1.17      | 20.00      |            | 0.44       |
| K-12-0433 | M365708   | 187.06 | 188.62 |           | 2.28       | 10.00      |            |            |            |            | 1.20      | 20.00      |            | 0.35       |
| K-12-0433 | M365709   | 188.62 | 189.88 |           | 3.15       | 10.00      |            |            |            |            | 1.64      | 30.00      |            | 0.62       |
| K-12-0433 | M365710   | 189.88 | 191.52 |           | 2.41       | 10.00      |            |            |            |            | 0.97      | 20.00      |            | 0.43       |
| K-12-0433 | M365711   | 189.88 | 191.52 |           | 2.36       | 10.00      |            |            |            |            | 0.95      | 20.00      |            | 0.42       |
| K-12-0433 | M365712   | 191.52 | 193.37 |           | 2.30       | 10.00      |            |            |            |            | 0.85      | 20.00      |            | 0.56       |
| K-12-0433 | M365713   | 193.37 | 195.05 |           | 1.64       | -10.00     |            |            |            |            | 0.64      | 20.00      |            | 0.38       |
| K-12-0433 | M365714   | 195.05 | 196.77 |           | 1.04       | -10.00     |            |            |            |            | 0.11      | 10.00      |            | 0.25       |
| K-12-0433 | M365716   | 196.77 | 198.23 |           | 1.09       | -10.00     |            |            |            |            | 0.13      | 10.00      |            | 0.24       |
| K-12-0433 | M365717   | 198.23 | 199.23 |           | 1.86       | 10.00      |            |            |            |            | 0.75      | 20.00      |            | 0.34       |
| K-12-0433 | M365718   | 199.23 | 201.05 |           | 3.71       | 20.00      |            |            |            |            | 1.73      | 30.00      |            | 0.66       |
| K-12-0433 | M365719   | 201.05 | 202.74 |           | 5.28       | 20.00      |            |            |            |            | 2.00      | 30.00      |            | 0.89       |
| K-12-0433 | M365720   | 202.74 | 204.52 |           | 0.78       | -10.00     |            |            |            |            | 0.28      | 10.00      |            | 0.10       |
| K-12-0433 | M365721   | 204.52 | 205.46 |           | 2.20       | 10.00      |            |            |            |            | 1.09      | 30.00      |            | 0.17       |
| K-12-0433 | M365722   | 205.46 | 206.80 |           | 0.64       | -10.00     |            |            |            |            | 0.25      | 10.00      |            | 0.09       |
| K-12-0433 | M365723   | 206.80 | 207.44 |           | 0.52       | -10.00     |            |            |            |            | 0.10      | 10.00      |            | 0.06       |
| K-12-0433 | M365724   | 207.44 | 209.00 |           | 1.07       | -10.00     |            |            |            |            | 0.35      | 10.00      |            | 0.15       |
| K-12-0433 | M365725   | 209.00 | 210.71 |           | 3.02       | 10.00      |            |            |            |            | 1.29      | 30.00      |            | 0.48       |
| K-12-0433 | M365727   | 210.71 | 211.00 |           | 1.44       | -10.00     |            |            |            |            | 0.56      | 10.00      |            | 0.31       |
| K-12-0433 | M365728   | 210.71 | 211.00 |           | 1.48       | -10.00     |            |            |            |            | 0.55      | 10.00      |            | 0.32       |
| K-12-0433 | M365729   | 211.00 | 212.19 |           | 1.43       | -10.00     |            |            |            |            | 0.27      | 10.00      |            | 0.35       |
| K-12-0433 | M365730   | 212.19 | 213.75 |           | 3.18       | 10.00      |            |            |            |            | 1.19      | 30.00      |            | 0.68       |
| K-12-0433 | M365731   | 213.75 | 215.64 |           | 3.56       | 20.00      |            |            |            |            | 1.61      | 40.00      |            | 0.70       |
| K-12-0433 | M365732   | 215.64 | 216.16 |           | 2.08       | 10.00      |            |            |            |            | 0.85      | 20.00      |            | 0.39       |
| K-12-0433 | M365573   |        |        |           | 0.54       | -10.00     |            |            |            |            | 0.03      | 10.00      |            | 12.50      |
| K-12-0433 | M365584   |        |        |           | 5.15       | 10.00      |            |            |            |            | 1.05      | 10.00      |            | 1.42       |
| K-12-0433 | M365588   |        |        |           | 0.49       | -10.00     |            |            |            |            | 0.02      | 10.00      |            | 12.75      |
| K-12-0433 | M365606   |        |        |           | 2.90       | 20.00      |            |            |            |            | 1.99      | 10.00      |            | 0.22       |
| K-12-0433 | M365611   |        |        |           | 0.49       | -10.00     |            |            |            |            | 0.03      | -10.00     |            | 12.65      |
| K-12-0433 | M365625   |        |        |           | 0.48       | -10.00     |            |            |            |            | 0.02      | -10.00     |            | 12.75      |
| K-12-0433 | M365635   |        |        |           | 4.96       | 20.00      |            |            |            |            | 1.02      | 10.00      |            | 1.38       |
| K-12-0433 | M365651   |        |        |           | 2.95       | 20.00      |            |            |            |            | 2.05      | 10.00      |            | 0.23       |
| K-12-0433 | M365655   |        |        |           | 0.48       | -10.00     |            |            |            |            | 0.02      | -10.00     |            | 12.95      |
| K-12-0433 | M365665   |        |        |           | 5.08       | 20.00      |            |            |            |            | 1.06      | 10.00      |            | 1.42       |
| K-12-0433 | M365670   |        |        |           | 0.53       | -10.00     |            |            |            |            | 0.03      | -10.00     |            | 12.80      |
| K-12-0433 | M365685   |        |        |           | 0.47       | -10.00     |            |            |            |            | 0.02      | -10.00     |            | 12.85      |
| K-12-0433 | M365690   |        |        |           | 5.02       | 20.00      |            |            |            |            | 1.05      | 10.00      |            | 1.42       |
| K-12-0433 | M365706   |        |        |           | 2.99       | 10.00      |            |            |            |            | 2.01      | 10.00      |            | 0.23       |
| K-12-0433 | M365715   |        |        |           | 0.54       | -10.00     |            |            |            |            | 0.07      | -10.00     |            | 12.90      |
| K-12-0433 | M365725   |        |        |           | 4.98       | 10.00      |            |            |            |            | 0.98      | 10.00      |            | 1.34       |

## Drill Hole Assays

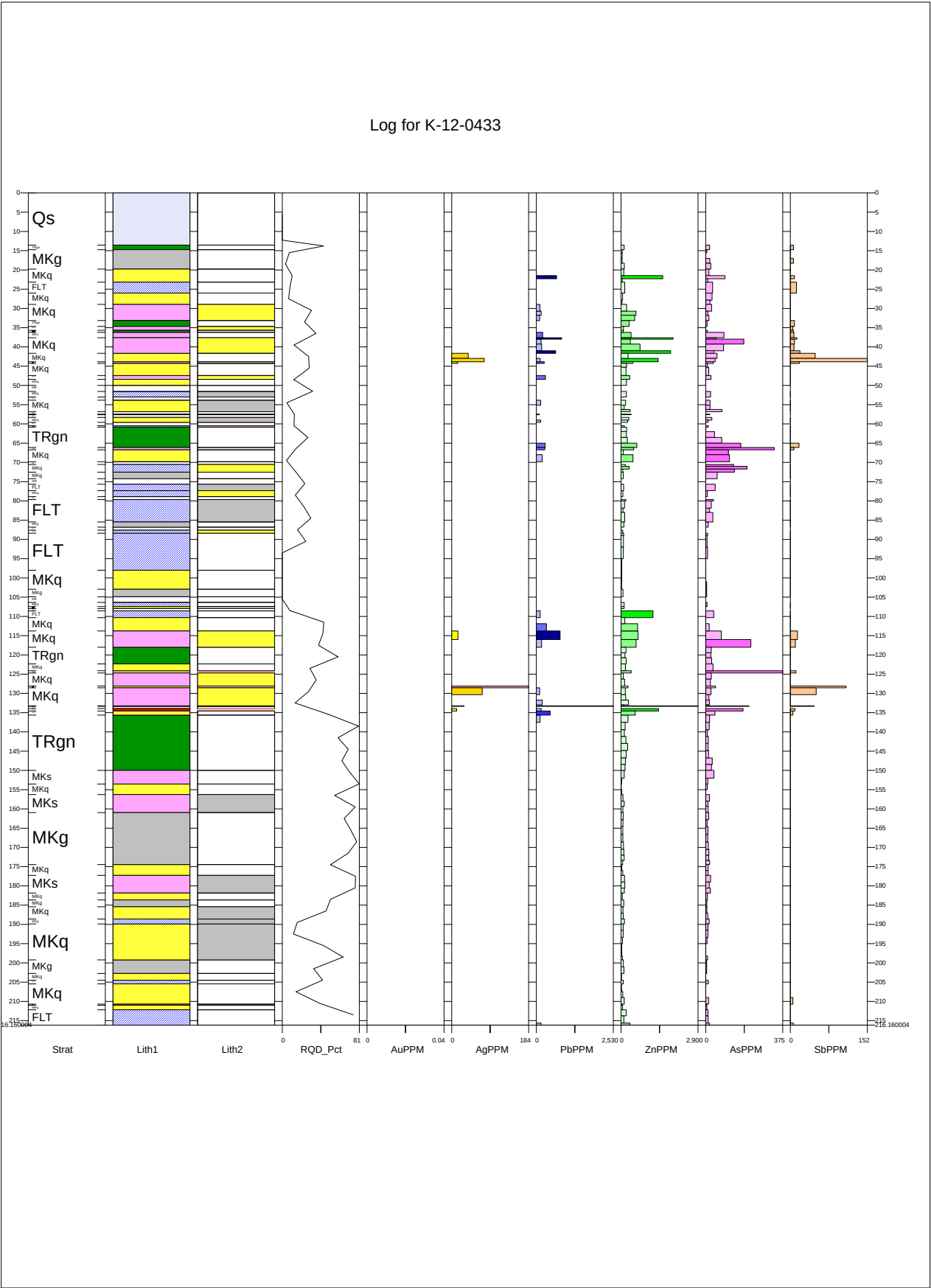
| Hole      | DHSample | From m | To m   | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm | Re ICP ppm | S ICP pct | Sb ICP ppm |
|-----------|----------|--------|--------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|-----------|------------|
| K-12-0433 | M365703  | 180.57 | 181.86 | 482.00     | 8.00       | 0.24       |            | 55.00      | 540.00    |            |            |            | 1.80      | -5.00      |
| K-12-0433 | M365704  | 181.86 | 183.64 | 226.00     | 2.00       | 0.08       |            | 15.00      | 350.00    |            |            |            | 0.36      | -5.00      |
| K-12-0433 | M365705  | 183.64 | 185.42 | 223.00     | -1.00      | 0.39       |            | 45.00      | 780.00    |            |            |            | 0.29      | -5.00      |
| K-12-0433 | M365707  | 185.42 | 187.06 | 180.00     | 2.00       | 0.22       |            | 31.00      | 560.00    |            |            |            | 0.26      | -5.00      |
| K-12-0433 | M365708  | 187.06 | 188.62 | 193.00     | 2.00       | 0.25       |            | 34.00      | 750.00    |            |            |            | 0.40      | -5.00      |
| K-12-0433 | M365709  | 188.62 | 189.88 | 297.00     | 2.00       | 0.38       |            | 46.00      | 1040.00   |            |            |            | 0.61      | -5.00      |
| K-12-0433 | M365710  | 189.88 | 191.52 | 225.00     | 4.00       | 0.20       |            | 31.00      | 440.00    |            |            |            | 0.49      | -5.00      |
| K-12-0433 | M365711  | 189.88 | 191.52 | 219.00     | 4.00       | 0.20       |            | 29.00      | 430.00    |            |            |            | 0.47      | -5.00      |
| K-12-0433 | M365712  | 191.52 | 193.37 | 222.00     | 4.00       | 0.17       |            | 29.00      | 440.00    |            |            |            | 0.46      | -5.00      |
| K-12-0433 | M365713  | 193.37 | 195.05 | 182.00     | 2.00       | 0.13       |            | 20.00      | 500.00    |            |            |            | 0.25      | -5.00      |
| K-12-0433 | M365714  | 195.05 | 196.77 | 153.00     | 2.00       | 0.02       |            | 7.00       | 260.00    |            |            |            | 0.10      | -5.00      |
| K-12-0433 | M365716  | 196.77 | 198.23 | 132.00     | 2.00       | 0.02       |            | 7.00       | 370.00    |            |            |            | 0.16      | -5.00      |
| K-12-0433 | M365717  | 198.23 | 199.23 | 213.00     | 2.00       | 0.14       |            | 23.00      | 570.00    |            |            |            | 0.38      | -5.00      |
| K-12-0433 | M365718  | 199.23 | 201.05 | 250.00     | 1.00       | 0.24       |            | 43.00      | 780.00    |            |            |            | 0.19      | -5.00      |
| K-12-0433 | M365719  | 201.05 | 202.74 | 335.00     | -1.00      | 0.29       |            | 52.00      | 1320.00   |            |            |            | 0.55      | -5.00      |
| K-12-0433 | M365720  | 202.74 | 204.52 | 102.00     | 2.00       | 0.05       |            | 7.00       | 170.00    |            |            |            | 0.22      | -5.00      |
| K-12-0433 | M365721  | 204.52 | 205.46 | 228.00     | 1.00       | 0.20       |            | 33.00      | 920.00    |            |            |            | 0.68      | -5.00      |
| K-12-0433 | M365722  | 205.46 | 206.80 | 100.00     | 3.00       | 0.04       |            | 7.00       | 290.00    |            |            |            | 0.17      | -5.00      |
| K-12-0433 | M365723  | 206.80 | 207.44 | 193.00     | 2.00       | 0.01       |            | 3.00       | 140.00    |            |            |            | 0.07      | -5.00      |
| K-12-0433 | M365724  | 207.44 | 209.00 | 459.00     | 2.00       | 0.07       |            | 16.00      | 270.00    |            |            |            | 0.22      | -5.00      |
| K-12-0433 | M365726  | 209.00 | 210.71 | 236.00     | 1.00       | 0.21       |            | 36.00      | 1060.00   |            |            |            | 0.50      | 5.00       |
| K-12-0433 | M365727  | 210.71 | 211.00 | 208.00     | 2.00       | 0.09       |            | 18.00      | 400.00    |            |            |            | 0.19      | -5.00      |
| K-12-0433 | M365728  | 210.71 | 211.00 | 216.00     | 2.00       | 0.08       |            | 17.00      | 390.00    |            |            |            | 0.18      | -5.00      |
| K-12-0433 | M365729  | 211.00 | 212.19 | 315.00     | 4.00       | 0.04       |            | 16.00      | 480.00    |            |            |            | 0.26      | -5.00      |
| K-12-0433 | M365730  | 212.19 | 213.75 | 1495.00    | 2.00       | 0.19       |            | 60.00      | 670.00    |            |            |            | 0.57      | -5.00      |
| K-12-0433 | M365731  | 213.75 | 215.64 | 504.00     | 1.00       | 0.25       |            | 46.00      | 860.00    |            |            |            | 0.57      | -5.00      |
| K-12-0433 | M365732  | 215.64 | 216.16 | 1880.00    | 2.00       | 0.12       |            | 27.00      | 450.00    |            |            |            | 1.23      | 6.00       |
| K-12-0433 | M365573  |        |        | 236.00     | -1.00      | 0.01       |            | 4.00       | 180.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365584  |        |        | 2320.00    | 33.00      | 2.14       |            | 5.00       | 560.00    |            |            |            | 2.66      | 228.00     |
| K-12-0433 | M365588  |        |        | 239.00     | -1.00      | -0.01      |            | 2.00       | 180.00    |            |            |            | -0.01     | -5.00      |
| K-12-0433 | M365606  |        |        | 442.00     | 408.00     | 2.35       |            | 16.00      | 390.00    |            |            |            | 1.04      | 76.00      |
| K-12-0433 | M365611  |        |        | 229.00     | 2.00       | 0.01       |            | -1.00      | 160.00    |            |            |            | 0.03      | -5.00      |
| K-12-0433 | M365625  |        |        | 225.00     | 2.00       | -0.01      |            | -1.00      | 180.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365635  |        |        | 2200.00    | 34.00      | 2.10       |            | 5.00       | 530.00    |            |            |            | 2.60      | 215.00     |
| K-12-0433 | M365651  |        |        | 452.00     | 415.00     | 2.40       |            | 17.00      | 410.00    |            |            |            | 1.06      | 81.00      |
| K-12-0433 | M365655  |        |        | 211.00     | 2.00       | 0.01       |            | -1.00      | 180.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365665  |        |        | 2250.00    | 32.00      | 2.14       |            | 4.00       | 550.00    |            |            |            | 2.62      | 216.00     |
| K-12-0433 | M365670  |        |        | 354.00     | -1.00      | 0.02       |            | -1.00      | 160.00    |            |            |            | 0.08      | -5.00      |
| K-12-0433 | M365685  |        |        | 218.00     | -1.00      | -0.01      |            | -1.00      | 150.00    |            |            |            | 0.01      | -5.00      |
| K-12-0433 | M365690  |        |        | 2210.00    | 30.00      | 2.10       |            | 4.00       | 530.00    |            |            |            | 2.60      | 209.00     |
| K-12-0433 | M365706  |        |        | 439.00     | 398.00     | 2.39       |            | 18.00      | 410.00    |            |            |            | 1.04      | 86.00      |
| K-12-0433 | M365715  |        |        | 222.00     | -1.00      | 0.01       |            | 2.00       | 180.00    |            |            |            | 0.03      | -5.00      |
| K-12-0433 | M365725  |        |        | 2180.00    | 31.00      | 2.09       |            | 6.00       | 550.00    |            |            |            | 2.53      | 206.00     |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm | V ICP ppm |
|-----------|----------|--------|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|
| K-12-0433 | M365703  | 180.57 | 181.86 | 12.00      |            |            | 136.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    | 141.00    |
| K-12-0433 | M365704  | 181.86 | 183.64 | 3.00       |            |            | 72.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    | 28.00     |
| K-12-0433 | M365705  | 183.64 | 185.42 | 13.00      |            |            | 181.00     |            |            | -20.00     | 0.38       | -10.00     | -10.00    | 128.00    |
| K-12-0433 | M365707  | 185.42 | 187.06 | 9.00       |            |            | 119.00     |            |            | -20.00     | 0.27       | -10.00     | -10.00    | 85.00     |
| K-12-0433 | M365708  | 187.06 | 188.62 | 7.00       |            |            | 171.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    | 80.00     |
| K-12-0433 | M365709  | 188.62 | 189.88 | 11.00      |            |            | 183.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    | 118.00    |
| K-12-0433 | M365710  | 189.88 | 191.52 | 7.00       |            |            | 99.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    | 88.00     |
| K-12-0433 | M365711  | 189.88 | 191.52 | 7.00       |            |            | 96.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    | 87.00     |
| K-12-0433 | M365712  | 191.52 | 193.37 | 6.00       |            |            | 89.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    | 74.00     |
| K-12-0433 | M365713  | 193.37 | 195.05 | 5.00       |            |            | 86.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    | 53.00     |
| K-12-0433 | M365714  | 195.05 | 196.77 | 1.00       |            |            | 22.00      |            |            | -20.00     | 0.05       | -10.00     | -10.00    | 14.00     |
| K-12-0433 | M365716  | 196.77 | 198.23 | 1.00       |            |            | 20.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 14.00     |
| K-12-0433 | M365717  | 198.23 | 199.23 | 5.00       |            |            | 106.00     |            |            | -20.00     | 0.18       | -10.00     | -10.00    | 57.00     |
| K-12-0433 | M365718  | 199.23 | 201.05 | 13.00      |            |            | 150.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    | 118.00    |
| K-12-0433 | M365719  | 201.05 | 202.74 | 15.00      |            |            | 197.00     |            |            | -20.00     | 0.38       | -10.00     | -10.00    | 144.00    |
| K-12-0433 | M365720  | 202.74 | 204.52 | 2.00       |            |            | 67.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    | 16.00     |
| K-12-0433 | M365721  | 204.52 | 205.46 | 8.00       |            |            | 133.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    | 87.00     |
| K-12-0433 | M365722  | 205.46 | 206.80 | 2.00       |            |            | 56.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    | 17.00     |
| K-12-0433 | M365723  | 206.80 | 207.44 | 1.00       |            |            | 12.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    | 6.00      |
| K-12-0433 | M365724  | 207.44 | 209.00 | 2.00       |            |            | 43.00      |            |            | -20.00     | 0.11       | -10.00     | -10.00    | 28.00     |
| K-12-0433 | M365726  | 209.00 | 210.71 | 10.00      |            |            | 124.00     |            |            | -20.00     | 0.30       | -10.00     | -10.00    | 112.00    |
| K-12-0433 | M365727  | 210.71 | 211.00 | 4.00       |            |            | 70.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    | 46.00     |
| K-12-0433 | M365728  | 210.71 | 211.00 | 4.00       |            |            | 68.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    | 45.00     |
| K-12-0433 | M365729  | 211.00 | 212.19 | 3.00       |            |            | 44.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    | 32.00     |
| K-12-0433 | M365730  | 212.19 | 213.75 | 10.00      |            |            | 166.00     |            |            | -20.00     | 0.32       | -10.00     | -10.00    | 109.00    |
| K-12-0433 | M365731  | 213.75 | 215.64 | 13.00      |            |            | 244.00     |            |            | -20.00     | 0.43       | -10.00     | -10.00    | 147.00    |
| K-12-0433 | M365732  | 215.64 | 216.16 | 5.00       |            |            | 104.00     |            |            | -20.00     | 0.19       | -10.00     | -10.00    | 62.00     |
| K-12-0433 | M365733  |        |        | -1.00      |            |            | 56.00      |            |            | -20.00     | 0.01       | -10.00     | -10.00    | 5.00      |
| K-12-0433 | M365584  |        |        | 15.00      |            |            | 470.00     |            |            | -20.00     | 0.26       | -10.00     | 10.00     | 116.00    |
| K-12-0433 | M365588  |        |        | -1.00      |            |            | 53.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    | 2.00      |
| K-12-0433 | M365606  |        |        | 2.00       |            |            | 590.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    | 38.00     |
| K-12-0433 | M365611  |        |        | -1.00      |            |            | 53.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     | 2.00      |
| K-12-0433 | M365625  |        |        | -1.00      |            |            | 50.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     | 1.00      |
| K-12-0433 | M365635  |        |        | 14.00      |            |            | 449.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    | 115.00    |
| K-12-0433 | M365651  |        |        | 2.00       |            |            | 595.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    | 40.00     |
| K-12-0433 | M365655  |        |        | -1.00      |            |            | 53.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     | 2.00      |
| K-12-0433 | M365665  |        |        | 14.00      |            |            | 457.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    | 116.00    |
| K-12-0433 | M365670  |        |        | -1.00      |            |            | 117.00     |            |            | -20.00     | -0.01      | -10.00     | 10.00     | 2.00      |
| K-12-0433 | M365685  |        |        | -1.00      |            |            | 55.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     | 2.00      |
| K-12-0433 | M365690  |        |        | 15.00      |            |            | 452.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    | 113.00    |
| K-12-0433 | M365706  |        |        | 2.00       |            |            | 588.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    | 39.00     |
| K-12-0433 | M365715  |        |        | -1.00      |            |            | 45.00      |            |            | -20.00     | -0.01      | -10.00     | 30.00     | 4.00      |
| K-12-0433 | M365725  |        |        | 13.00      |            |            | 432.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    | 109.00    |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab | Certificate | Date Received | Date Finalized | Added By | Added Time |
|-----------|----------|--------|--------|-----------|-----------|------------|---------|-----|-------------|---------------|----------------|----------|------------|
| K-12-0433 | M365703  | 180.57 | 181.86 | -10.00    |           |            | 2.76    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365704  | 181.86 | 183.64 | -10.00    |           |            | 2.69    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365705  | 183.64 | 185.42 | -10.00    |           |            | 2.83    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365707  | 185.42 | 187.06 | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365708  | 187.06 | 188.62 | -10.00    |           |            | 2.72    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365709  | 188.62 | 189.88 | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365710  | 189.88 | 191.52 | -10.00    |           |            | 2.74    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365711  | 189.88 | 191.52 | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365712  | 191.52 | 193.37 | -10.00    |           |            | 2.81    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365713  | 193.37 | 195.05 | -10.00    |           |            | 2.75    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365714  | 195.05 | 196.77 | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365716  | 196.77 | 198.23 | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365717  | 198.23 | 199.23 | -10.00    |           |            | 2.76    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365718  | 199.23 | 201.05 | -10.00    |           |            | 2.89    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365719  | 201.05 | 202.74 | -10.00    |           |            | 2.89    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365720  | 202.74 | 204.52 | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365721  | 204.52 | 205.46 | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365722  | 205.46 | 206.80 | -10.00    |           |            | 2.72    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365723  | 206.80 | 207.44 | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365724  | 207.44 | 209.00 | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365726  | 209.00 | 210.71 | -10.00    |           |            | 2.78    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365727  | 210.71 | 211.00 | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365728  | 210.71 | 211.00 | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365729  | 211.00 | 212.19 | -10.00    |           |            | 2.76    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365730  | 212.19 | 213.75 | -10.00    |           |            | 2.82    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365731  | 213.75 | 215.64 | -10.00    |           |            | 2.83    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365732  | 215.64 | 216.16 | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365573  |        |        | -10.00    |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365584  |        |        | 10.00     |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365588  |        |        | -10.00    |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365606  |        |        | 10.00     |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365611  |        |        | -10.00    |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365625  |        |        | -10.00    |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365635  |        |        | 10.00     |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365651  |        |        | 10.00     |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365655  |        |        | -10.00    |           |            |         |     | WH12151549  | 03/07/2012    | 01/08/2012     | geology  | 02/08/2012 |
| K-12-0433 | M365665  |        |        | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433 | M365670  |        |        | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433 | M365685  |        |        | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433 | M365690  |        |        | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0433 | M365706  |        |        | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365715  |        |        | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0433 | M365725  |        |        | 10.00     |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |



**K-12-0437**

**SUMMARY DRILL LOG – KENO HILL PROJECT****Hole\_ID :** K-12-0437**Prospect:** Mom and Son**Logged By:** A. Greenfield**UTM East:** 486705.9624**UTM North:** 7088840.264**Elevation:** 1245.172**Collar Az:** 260**Collar Dip:** -61**Total Depth:** 275**Date Completed:** 6/24/2012**General Description**

This hole was sampled throughout and collared in a greenstone.

The hanging wall consists of the Basal Quartzite Member; interbedded graphitic schist, sericite schist, and quartzite. The intervals of schist are well-foliated and folded (asymmetrically and symmetrically). Significant limonite alteration and oxidation of the rocks until 89m. Metamorphic quartz, thin stringers of quartz and hydrothermal calcite throughout the interval. There are a few stringers of sphalerite and a small amount of metamorphic (and possibly disseminated) pyrite. Significant faulting and fault zones occur at 10.31m, 26.76m, 54.31m, 57.28m, and 79.21m. Two greenstone intrusive sills occur at 46.56 - 52.47m and 96.27 - 97.23m.

Vein and veinlet zone hosted within graphitic schist and extends from 121.23 to 121.88m. Minerals include quartz, siderite, and calcite.

Interbedded graphitic schist, sericite schist, and quartzite extend from 121.88 to 175.03m. The intervals of schist are well-foliated and folded (asymmetrically and symmetrically). Significant faulting and fault zones occur at 223.51m, 227.0m, and 272.22m. From the depths 175.03 to 275 there are intervals of SSCH and GSCH. Stratigraphically these are interpreted to part of the Earn Group after the last interval of thickly bedded to massive QTZT. However, the Earn group may have begun at shallower depths. For example, at approximately 87.49m the SSCH is mostly likely more chlorite rich (harder and grey in colour).

**Mineralization**

| From (m) | To (m) | Interval (m) | True Thickness (m) | Description                                            |
|----------|--------|--------------|--------------------|--------------------------------------------------------|
| 121.23   | 121.88 | 0.65         |                    | Qtz, sd, and cal vein and veinlet zone hosted in gsch. |

**Assay**

| From (m) | To (m) | Interval (m) | True Thickness (m) | Ag (g/t) | Pb (ppm) | Zn (ppm) |
|----------|--------|--------------|--------------------|----------|----------|----------|
| 121.23   | 121.56 | 0.33         |                    | -0.5     | 13       | 86       |
| 121.56   | 121.88 | 0.32         |                    | 1.1      | 24       | 347      |
| 219.70   | 221.00 | 1.30         |                    | 80.90    | 338      | 666      |

Photo Mineralized Section (new sheet)



## Down Hole Surveys

| Hole      | Depth_m | Pull_Back | Code | Raw_Azimuth | Correction_Factor | Corrected_Azimuth | Dip    | Mag_Field | Temp  | Roll   | Date_Surveyed | Company | Operator | Instrument | Comments |
|-----------|---------|-----------|------|-------------|-------------------|-------------------|--------|-----------|-------|--------|---------------|---------|----------|------------|----------|
| K-12-0437 | 0       |           | 1    |             |                   | 260.00            | -61.00 |           |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 23      | 6         | 1    | 238.40      |                   | 261.40            | -58.20 |           |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 47      | 6         | 6    | 238.35      |                   | 261.35            | -57.80 | 4782      |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 71      | 6         | 1    | 238.30      |                   | 261.30            | -58.60 | 5802      |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 86      | 6         | 1    | 239.00      |                   | 262.00            | -58.30 | 5809      |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 110     | 6         | 1    | 239.00      |                   | 262.00            | -58.60 | 5805      |       |        | 6/18/2012     |         |          |            |          |
| K-12-0437 | 134     | 6         | 6    | 240.40      |                   | 263.40            | -58.50 | 6752      | 24.70 | 354.40 | 6/20/2012     |         |          |            |          |
| K-12-0437 | 158     | 6         | 6    | 241.80      |                   | 264.80            | -60.40 | 3997      | 19.70 | 6.90   | 6/20/2012     |         |          |            |          |
| K-12-0437 | 185     | 6         | 1    | 243.10      |                   | 266.10            | -59.40 | 5801      | 19.00 | 95.40  | 6/20/2012     |         |          |            |          |
| K-12-0437 | 209     | 6         | 1    | 244.10      |                   | 267.10            | -60.90 | 5807      | 27.60 | 163.90 | 6/21/2012     |         |          |            |          |
| K-12-0437 | 233     | 6         | 6    | 244.70      |                   | 267.70            | -59.60 | 944       | 23.90 | 145.30 | 6/21/2012     |         |          |            |          |
| K-12-0437 | 257     | 6         | 1    | 245.40      |                   | 268.40            | -61.70 | 5809      | 23.20 | 77.80  | 6/22/2012     | BLY     |          | Reflex     |          |

## Lithology

| Hole      | From_m | To_m  | Lith1 | Lith1_Pct | Lith2 | Lith2_Pct | Mod1 | Mod2 | Mod3 | Grain_Size | Colour          | Bedding_Thickness | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------|--------|-------|-------|-----------|-------|-----------|------|------|------|------------|-----------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0437 | 6.00   | 6.58  | OVB   | 100       |       |           |      |      |      |            |                 |                   | Overburden. Lower portion of the interval has a questionable origin.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| K-12-0437 | 6.58   | 8.45  | GNST  | 100       |       |           | chl  |      |      |            | green           | Thin              | Greenstone. Evidence of faulting and movement.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| K-12-0437 | 8.45   | 10.31 | QTZT  | 82        | GSCH  | 18        | g    |      |      |            | light grey      | Thin              | Qtzt interbedded with gsch. asymmetric folding and evidence of movement at the beginning of the interval within a layer of gsch.                                                                                                                                                                                                                                                                                                                                                     |
| K-12-0437 | 10.31  | 11.28 | FLT   | 95        | GSCH  | 5         | g    |      |      |            | dark grey-brown | Thin              | Graphitic gougy material. Some preservation of foliation in thin beds of gsch and qtzt. Oxidation.                                                                                                                                                                                                                                                                                                                                                                                   |
| K-12-0437 | 11.28  | 12.30 | QTZT  | 90        | GSCH  | 10        |      |      |      |            | light grey      | Medium            | Qtzt with inter bedded with gsch. Some asymmetric folding of the folding. Small amount of metamorphic quartz.                                                                                                                                                                                                                                                                                                                                                                        |
| K-12-0437 | 12.30  | 12.98 | GSCH  | 100       |       |           | g    |      |      |            | dark grey       | Thin              | Well foliated gsch asymmetrically folded. Metamorphic qtzt. Last 10 cm of interval comprises of graphitic gorgy material (fault).                                                                                                                                                                                                                                                                                                                                                    |
| K-12-0437 | 12.98  | 15.66 | QTZT  | 100       |       |           |      |      |      |            | grey-brown      | Thick             | Thickly bedded blocky qtzt. Some qtzt stringers. Limonite alteration (oxidation) along thin fractures.                                                                                                                                                                                                                                                                                                                                                                               |
| K-12-0437 | 15.66  | 16.76 | GSCH  | 100       |       |           | g    | s    |      |            | dark grey-brown | Thin              | Well foliated graphitic schist. Zones of evident movement (graphitic gougy material).Limonite staining along foliation plane.                                                                                                                                                                                                                                                                                                                                                        |
| K-12-0437 | 16.76  | 19.26 | SSCH  | 100       |       |           | s    | chl  |      |            | light grey      | Thin              | Well-foliated ssch. Metamorphic qtzt. With associated calcite replacement. Oxidation and limonite staining. Some leached out stringers (?).                                                                                                                                                                                                                                                                                                                                          |
| K-12-0437 | 19.26  | 26.76 | SSCH  | 15        | QTZT  | 85        | s    | g    |      |            | light grey      | Medium            | Quit with beds of ssch and gsch. Metamorphic quartz. Altered and leached stringers (some of which still containing Sp). Varying amounts of oxidation and limonite staining throughout the interval. Some metamorphic qtzt.                                                                                                                                                                                                                                                           |
| K-12-0437 | 26.76  | 28.10 | FLT   | 75        | SSCH  | 25        | s    |      |      |            | orange-brown    |                   | Fault zone hosted in primarily Ssch with some gsch and qtzt.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| K-12-0437 | 28.10  | 32.65 | GSCH  | 85        | QTZT  | 15        | g    |      |      |            | dark grey       | Thin              | Well-foliated gsch with a lesser component of qtzt. Asymmetric folding and late phase symmetric folding. The interval begins with a gougy fault zone. Another gorgy fault occurs at ~30.39m. Metamorphic quartz pulled apart along foliation. Some limonite staining.                                                                                                                                                                                                                |
| K-12-0437 | 32.65  | 34.57 | SSCH  | 85        | GSCH  | 15        | s    |      |      |            | light grey      | Thin              | Well-foliated Ssch with a lesser component of gsch and qtzt. Metamorphic qtzt. Some limonite staining.                                                                                                                                                                                                                                                                                                                                                                               |
| K-12-0437 | 34.57  | 40.73 | QTZT  | 75        | GSCH  | 25        | g    |      |      |            | grey-brown      | Medium            | Medium to thickly bedded qtzt with thin intermittent beds of gsch, ssch, and leached material (most likely originally cqtzt). Metamorphic qtzt. Schist layers are well-foliated and asymmetrically folded to a small extent. Thin stringers which are primarily sd and sp (have undergone alteration and oxidation). Oxidation and limonite staining varies throughout the interval. Oxidation is commonly concentrated in schist and porous leached (most likely originally cqtzt). |
| K-12-0437 | 40.73  | 44.42 | GSCH  | 75        | QTZT  | 25        | g    |      |      |            | dark grey       | Thin              | Well foliated gsch inter-bedded with qtzt and metamorphic qtzt. Thin stringers of sd and sp.                                                                                                                                                                                                                                                                                                                                                                                         |
| K-12-0437 | 44.42  | 46.58 | GSCH  | 85        | QTZT  | 15        | g    |      |      |            | dark grey-brown | Thin              | Well-foliated gsch. Limonite staining. Metamorphic qtzt.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| K-12-0437 | 46.58  | 52.47 | GNST  | 100       |       |           |      |      |      |            | green-brown     |                   | Porphyritic greenstone. Intrusion. Hydrothermal calcite and Sp stringers. Metamorphic qtzt with associated sp and sd. Varying oxidation throughout the interval.                                                                                                                                                                                                                                                                                                                     |
| K-12-0437 | 52.47  | 54.31 | QTZT  | 90        | GSCH  | 10        |      |      |      |            | grey-brown      | Thin              | Blocky oxidized qtzt. Metamorphic qtzt. Few thin stringers of sp.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| K-12-0437 | 54.31  | 54.77 | FLT   | 100       |       |           |      |      |      |            | dark grey-brown |                   | Fault zone. Graphitic gouge.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| K-12-0437 | 54.77  | 57.28 | QTZT  | 85        | GSCH  | 15        |      |      |      |            | grey            | Medium            | Qtzt inter-bedded with gsch. Strongly oxidized porous layer (probably Cqtzt). Metamorphic qtzt. Thin stringers of altered Sd and Sp.                                                                                                                                                                                                                                                                                                                                                 |
| K-12-0437 | 57.28  | 59.44 | FLT   | 80        | QTZT  | 20        |      |      |      |            | grey-brown      |                   | Fault zone. Gorgy well-milled and bromated qtzt and gsch. Oxidation.                                                                                                                                                                                                                                                                                                                                                                                                                 |
| K-12-0437 | 59.44  | 62.87 | GSCH  | 70        | QTZT  | 30        |      |      |      |            | dark grey-brown | Thin              | Inter-bedded gsch with qtzt and metamorphic qtzt. Oxidized pockmarks throughout and in discreet layers (man be interpreted to be as oxidized disseminated py or sp. Some thin stringers of sp and qtzt.                                                                                                                                                                                                                                                                              |
| K-12-0437 | 62.87  | 67.10 | GSCH  | 80        | QTZT  | 20        |      |      |      |            | dark grey       | Thin              | Well-foliated graphitic schist asymmetrically folded. The interval is initiated by graphitic gouge of a fault zone. The unit is interbedded with qtzt, metamorphic qtzt (commonly oxidized), calcareous qtzt, and some ssch. Dissolved vugs (especially in metamorphic qtzt). Some oxidized pock marks which could be disseminated py.                                                                                                                                               |
| K-12-0437 | 67.10  | 67.64 | SSCH  | 90        | GSCH  | 10        | chl  | s    |      |            | green-grey      | Thin              | Well-foliated ssch with a smaller component of gsch and mobilized/ re-deposited calcite. Asymmetrically folded. Coarse and madras pyrite.                                                                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 67.64  | 69.25 | GSCH  | 100       |       |           |      |      |      |            | dark grey-brown | Thin              | Gsch, well-foliated and asymmetrically folded, with metamorphic qtzt. Some disseminated Sp and py. Exsolved vugs in metamorphic qtzt. Oxidation.                                                                                                                                                                                                                                                                                                                                     |
| K-12-0437 | 69.25  | 79.21 | QTZT  | 75        | GSCH  | 25        | g    | tnb  |      |            | grey            | Medium            | Qtzt interbedded with gsch. Few zones of faulting and movement.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 79.21  | 79.55 | FLT   | 100       |       |           |      |      |      |            | brown-grey      |                   | Fault breccia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| K-12-0437 | 79.55  | 80.39 | QTZT  | 100       |       |           |      |      |      |            | grey-brown      |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 80.39  | 81.02 | SSCH  | 100       |       |           |      |      |      |            | green-grey      | Thin              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 81.02  | 82.86 | QTZT  | 100       |       |           |      | tnb  |      |            | light grey      | Medium            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 82.86  | 84.26 | SSCH  | 100       |       |           | chl  | c    |      |            | green-grey      | Thin              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 84.26  | 87.49 | QTZT  | 80        | GSCH  | 20        | g    |      |      |            | grey            | Thin              | Qtzt thinly bedded with gsch. Gough graphitic fault zone.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 87.49  | 94.10 | SSCH  | 100       |       |           | chl  | s    |      |            | grey-blue       | Thin              | Classified as Ssch. Harder than the typical 55th observed. Possibly more highly silicified (?).                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 94.10  | 96.27 | SSCH  | 20        | GSCH  | 80        | g    | s    |      |            | dark grey       | Thin              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| K-12-0437 | 96.27  | 97.23 | GNST  | 100       |       |           |      |      |      |            | green           | Thin              | Well-foliated greenstone asymmetric foliated.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| K-12-0437 | 97.23  | 99.68 | QTZT  | 75        | GSCH  | 25        | g    |      |      |            | dark grey       | Thin              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Lithology

| Hole      | From m | To m   | Lith1 | Lith1 Pct | Lith2 | Lith2 Pct | Mod1 | Mod2 | Mod3 | Grain Size | Colour     | Bedding Thickness | Comments                                                                                                                                                                                                                |
|-----------|--------|--------|-------|-----------|-------|-----------|------|------|------|------------|------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0437 | 99.68  | 106.77 | SSCH  | 100       |       |           | chl  |      |      |            | grey-blue  | Thin              | Classified as Ssch. Harder than the typical 55th observed. Possibly more highly silicified (?). There seems to be an increased amount of the graphitic or chloritic component (?) after 103.1m (dark grey laminations). |
| K-12-0437 | 106.77 | 112.25 | GSCH  | 90        | SSCH  | 10        |      |      |      |            | grey       | Thin              | Variable foliation. Thin zone of sericite schist (?) at ~ 109.7m.                                                                                                                                                       |
| K-12-0437 | 112.25 | 114.08 | GNST  | 100       |       |           | c    |      |      |            | green      |                   |                                                                                                                                                                                                                         |
| K-12-0437 | 114.08 | 115.36 | QTZT  | 100       |       |           |      |      |      |            | grey       | Medium            |                                                                                                                                                                                                                         |
| K-12-0437 | 115.36 | 118.76 | SSCH  | 100       |       |           |      |      |      |            | green-grey |                   |                                                                                                                                                                                                                         |
| K-12-0437 | 118.76 | 121.23 | QTZT  | 60        | CQTZT | 40        | g    |      |      |            | grey       | Medium            |                                                                                                                                                                                                                         |
| K-12-0437 | 121.23 | 121.88 | VM    | 90        | GSCH  | 10        |      |      |      |            | white      |                   | Qtz, sd, and cal vien and vienlet zone hosted in gsch.                                                                                                                                                                  |
| K-12-0437 | 121.88 | 127.85 | GSCH  | 60        | QTZT  | 40        | g    |      |      |            | grey       | Thin              | Finely interbedded gsch and qtzt.                                                                                                                                                                                       |
| K-12-0437 | 127.85 | 134.36 | GSCH  | 55        | QTZT  | 45        | g    |      |      |            | grey       | Thin              |                                                                                                                                                                                                                         |
| K-12-0437 | 134.36 | 140.99 | QTZT  | 80        | GSCH  | 20        | g    |      |      |            | grey       | Thick             |                                                                                                                                                                                                                         |
| K-12-0437 | 140.99 | 142.89 | GSCH  | 100       |       |           |      |      |      |            | dark grey  | Thin              | Slightly variable foliation and extent of folding.                                                                                                                                                                      |
| K-12-0437 | 142.89 | 149.00 | QTZT  | 90        | GSCH  | 10        | g    | c    |      |            | grey       | Medium            |                                                                                                                                                                                                                         |
| K-12-0437 | 149.00 | 155.13 | GSCH  | 75        | QTZT  | 25        | g    | c    |      |            | dark grey  | Thin              | Variable foliation. Unconformable contact between gsch and qtzt (?) at ~149.55.                                                                                                                                         |
| K-12-0437 | 155.13 | 161.73 | GSCH  | 55        | QTZT  | 45        | c    | g    |      |            | dark grey  | Thin              | A few fault zones within the interval.                                                                                                                                                                                  |
| K-12-0437 | 161.73 | 164.16 | QTZT  | 100       |       |           | c    |      |      |            | grey       | Thick             |                                                                                                                                                                                                                         |
| K-12-0437 | 164.16 | 169.88 | GSCH  | 80        | QTZT  | 20        | g    | c    |      |            | grey       | Thin              | Thinly interbeddedqtzt and gsch. Few fault zones.                                                                                                                                                                       |
| K-12-0437 | 169.88 | 175.03 | QTZT  | 100       |       |           | c    |      |      |            | grey       | Very Thick        |                                                                                                                                                                                                                         |
| K-12-0437 | 175.03 | 185.41 | GSCH  | 95        | QTZT  | 5         | c    | g    |      |            | grey       | Thin              |                                                                                                                                                                                                                         |
| K-12-0437 | 185.41 | 190.78 | SSCH  | 95        | CQTZT | 5         | chl  | s    |      |            | green-grey | Thin              | Variation in chlorite and sericite composition (colour variation).                                                                                                                                                      |
| K-12-0437 | 190.78 | 192.29 | GSCH  | 100       |       |           | g    |      |      |            | dark grey  | Thin              | Evidence of movement and faulting within unit.                                                                                                                                                                          |
| K-12-0437 | 192.29 | 223.51 | SSCH  | 100       |       |           | s    | chl  |      |            | green-grey | Thin              | Varying foliation. Multiple zones of movement and faulting.                                                                                                                                                             |
| K-12-0437 | 223.51 | 225.10 | FLT   | 75        | SSCH  | 25        | s    | chl  |      |            | grey       |                   |                                                                                                                                                                                                                         |
| K-12-0437 | 225.10 | 227.00 | SSCH  | 100       |       |           |      |      |      |            | green-grey | Thin              |                                                                                                                                                                                                                         |
| K-12-0437 | 227.00 | 227.51 | FLT   | 90        | GSCH  | 10        | g    |      |      |            | grey       |                   | Graphitic gouge.                                                                                                                                                                                                        |
| K-12-0437 | 227.51 | 228.90 | SSCH  | 90        | FLT   | 10        | s    |      |      |            | green      | Thin              | Evidence of faulting.                                                                                                                                                                                                   |
| K-12-0437 | 228.90 | 230.64 | GSCH  | 100       |       |           | g    |      |      |            | dark grey  | Thin              | Some fault gouge.                                                                                                                                                                                                       |
| K-12-0437 | 230.64 | 246.96 | SSCH  | 100       |       |           | s    | chl  |      |            | green-grey | Thin              |                                                                                                                                                                                                                         |
| K-12-0437 | 246.96 | 257.85 | GSCH  | 75        | QTZT  | 25        | g    | c    |      |            | dark grey  | Thin              | Intervals of thinly bedded qtzt and units composed of mostly graphite material. Gougy fault zones.                                                                                                                      |
| K-12-0437 | 257.85 | 264.40 | GSCH  | 100       |       |           | c    | g    |      |            | dark grey  | Thin              | Brecciation and gorgy fault zones.                                                                                                                                                                                      |
| K-12-0437 | 264.40 | 272.22 | GSCH  | 75        | QTZT  | 25        | c    | g    |      |            | dark grey  | Thin              | Intervals of thinly bedded qtzt and units composed of mostly graphite material. Calcareous.                                                                                                                             |
| K-12-0437 | 272.22 | 273.76 | FLT   | 75        | GSCH  | 25        | c    | g    |      |            | dark grey  |                   | Graphitic gouge. Some primary fabric retained. Calcareous.                                                                                                                                                              |
| K-12-0437 | 273.76 | 275.00 | GSCH  | 80        | QTZT  | 20        | g    | c    |      |            | grey       | Thin              | Calcareous component.                                                                                                                                                                                                   |

## Stratigraphy

| Hole      | From_m | To_m   | Strat | Avg_Alpha | True_Thickness | Comments |
|-----------|--------|--------|-------|-----------|----------------|----------|
| K-12-0437 | 6.00   | 6.58   | Os    |           |                |          |
| K-12-0437 | 6.58   | 8.45   | TRgn  | 39        | 1.18           |          |
| K-12-0437 | 8.45   | 10.31  | MKq   | 42        | 1.24           |          |
| K-12-0437 | 10.31  | 11.28  | FLT   |           |                |          |
| K-12-0437 | 11.28  | 12.30  | MKq   | 46        | 0.73           |          |
| K-12-0437 | 12.30  | 12.98  | MKg   | 50        | 0.52           |          |
| K-12-0437 | 12.98  | 15.66  | MKq   | 29        | 1.30           |          |
| K-12-0437 | 15.66  | 16.76  | Msg   |           |                |          |
| K-12-0437 | 16.76  | 19.26  | MKs   | 45        | 1.77           |          |
| K-12-0437 | 19.26  | 26.76  | MKs   | 46        | 5.40           |          |
| K-12-0437 | 26.76  | 28.10  | FLT   |           |                |          |
| K-12-0437 | 28.10  | 32.65  | MKg   | 35        | 2.61           |          |
| K-12-0437 | 32.65  | 34.57  | MKs   | 37        | 1.16           |          |
| K-12-0437 | 34.57  | 40.73  | MKq   | 36        | 3.62           |          |
| K-12-0437 | 40.73  | 44.42  | MKg   | 36        | 2.17           |          |
| K-12-0437 | 44.42  | 46.58  | MKg   | 38        | 1.33           |          |
| K-12-0437 | 46.58  | 52.47  | TRgn  |           |                |          |
| K-12-0437 | 52.47  | 54.31  | MKq   | 29        | 0.89           |          |
| K-12-0437 | 54.31  | 54.77  | FLT   |           |                |          |
| K-12-0437 | 54.77  | 57.28  | MKq   | 48        | 1.87           |          |
| K-12-0437 | 57.28  | 59.44  | FLT   |           |                |          |
| K-12-0437 | 59.44  | 62.87  | MKg   | 45        | 2.43           |          |
| K-12-0437 | 62.87  | 67.10  | MKg   | 20        | 1.45           |          |
| K-12-0437 | 67.10  | 67.64  | MKs   | 43        | 0.37           |          |
| K-12-0437 | 67.64  | 69.25  | MKg   |           |                |          |
| K-12-0437 | 69.25  | 79.21  | MKq   | 37        | 5.99           |          |
| K-12-0437 | 79.21  | 79.55  | FLT   |           |                |          |
| K-12-0437 | 79.55  | 80.39  | MKq   |           |                |          |
| K-12-0437 | 80.39  | 81.02  | MKs   | 36        | 0.37           |          |
| K-12-0437 | 81.02  | 82.86  | MKq   | 40        | 1.18           |          |
| K-12-0437 | 82.86  | 84.26  | MKs   | 49        | 1.06           |          |
| K-12-0437 | 84.26  | 87.49  | MKq   | 48        | 2.40           |          |
| K-12-0437 | 87.49  | 94.10  | MKs   | 48        | 4.91           |          |
| K-12-0437 | 94.10  | 96.27  | MKs   | 32        | 1.15           |          |
| K-12-0437 | 96.27  | 97.23  | TRgn  |           |                |          |
| K-12-0437 | 97.23  | 99.68  | MKq   | 40        | 1.57           |          |
| K-12-0437 | 99.68  | 106.77 | MKs   | 40        | 4.56           |          |
| K-12-0437 | 106.77 | 112.25 | MKg   | 47        | 4.01           |          |
| K-12-0437 | 112.25 | 114.08 | TRgn  | 44        | 1.27           |          |
| K-12-0437 | 114.08 | 115.36 | MKq   | 42        | 0.86           |          |
| K-12-0437 | 115.36 | 118.76 | MKs   | 38        | 2.09           |          |
| K-12-0437 | 118.76 | 121.23 | MKq   | 44        | 1.72           |          |
| K-12-0437 | 121.23 | 121.88 | VM    |           |                |          |
| K-12-0437 | 121.88 | 127.85 | MKg   | 43        | 4.07           |          |
| K-12-0437 | 127.85 | 134.36 | MKg   | 47        | 4.76           |          |
| K-12-0437 | 134.36 | 140.99 | MKq   | 47        | 4.85           |          |
| K-12-0437 | 140.99 | 142.89 | MKg   | 55        | 1.56           |          |
| K-12-0437 | 142.89 | 149.00 | MKq   | 37        | 3.68           |          |
| K-12-0437 | 149.00 | 155.13 | MKg   | 47        | 4.48           |          |
| K-12-0437 | 155.13 | 161.73 | MKg   | 42        | 4.42           |          |
| K-12-0437 | 161.73 | 164.16 | MKq   | 58        | 2.06           |          |
| K-12-0437 | 164.16 | 169.88 | MKg   | 56        | 4.74           |          |
| K-12-0437 | 169.88 | 175.03 | MKq   | 46        | 3.70           |          |

## Stratigraphy

| Hole      | From m | To m   | Strat | Avg Alpha | True Thickness | Comments                                                                                                                                                                                                                                                                                   |
|-----------|--------|--------|-------|-----------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           |        |        |       |           |                | Stratigraphy is interpreted to within the Earn Group after the last interval of thickly bedded to massive quartzite. However, the Earn group may begun at shallower depths. For example, at approximately 87.49m the SSCH is mostly likely more chlorite rich (harder and grey in colour). |
| K-12-0437 | 175.03 | 185.41 | Degu  | 45        | 7.34           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 185.41 | 190.78 | DEc   | 48        | 3.99           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 190.78 | 192.29 | Degu  | 49        | 1.14           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 192.29 | 223.51 | DEc   | 48        | 23.20          |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 223.51 | 225.10 | FLT   |           |                |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 225.10 | 227.00 | DEc   | 44        | 1.32           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 227.00 | 227.51 | FLT   |           |                |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 227.51 | 228.90 | DEc   |           |                |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 228.90 | 230.64 | Degu  | 40        | 1.12           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 230.64 | 246.96 | DEc   | 50        | 12.50          |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 246.96 | 257.85 | Degu  | 51        | 8.46           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 257.85 | 264.40 | Degu  | 60        | 5.67           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 264.40 | 272.22 | Degu  | 51        | 6.08           |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 272.22 | 273.76 | FLT   |           |                |                                                                                                                                                                                                                                                                                            |
| K-12-0437 | 273.76 | 275.00 | Degu  | 54        | 1.00           |                                                                                                                                                                                                                                                                                            |

## Structures

| Hole      | From_m | To_m  | Struct_Level | Struct_Code | Struct_Mod1 | Struct_Mod2 | Struct_Mod3 | Struct_Alpha | Struct_Beta | Strike      | Dip         | Vergence | Comments                                                                                       |
|-----------|--------|-------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|----------|------------------------------------------------------------------------------------------------|
| K-12-0437 | 6.70   | 6.71  | 1 FN         |             |             |             |             | 32           |             |             |             |          |                                                                                                |
| K-12-0437 | 6.95   | 7.12  | 1 FLT        | go          |             |             |             | 46           |             |             |             |          |                                                                                                |
| K-12-0437 | 8.30   | 8.31  | 1 FN         |             |             |             |             | 42           |             |             |             |          |                                                                                                |
| K-12-0437 | 8.45   | 8.52  | 1 FLT        | gg          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 9.96   | 9.97  | 1 FN         |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 10.31  | 11.28 | 1 FLT        | go          | gg          |             |             | 46           |             |             |             |          |                                                                                                |
| K-12-0437 | 12.12  | 12.13 | 1 FN         |             |             |             |             | 50           |             |             |             |          |                                                                                                |
| K-12-0437 | 12.50  | 12.51 | 1 FN         |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 12.90  | 12.98 | 1 FLT        | gg          | go          |             |             | 29           |             |             |             |          |                                                                                                |
| K-12-0437 | 13.37  | 13.38 | 1 FN         |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 14.17  | 15.66 | 1 RZ         | bk          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 15.66  | 15.76 | 1 FLT        | gg          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 15.83  | 15.94 | 1 FLT        | gg          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 16.78  | 16.79 | 1 FN         |             |             |             |             | 52           |             |             |             |          |                                                                                                |
| K-12-0437 | 17.63  | 17.64 | 1 FN         |             |             |             |             | 38           |             |             |             |          |                                                                                                |
| K-12-0437 | 18.81  | 18.82 | 1 FN         |             |             |             |             | 45           |             |             |             |          |                                                                                                |
| K-12-0437 | 20.18  | 20.19 | 1 FN         |             |             |             |             | 51           |             |             |             |          |                                                                                                |
| K-12-0437 | 20.83  | 20.88 | 1 FLT        | go          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 20.88  | 21.07 | 1 RZ         |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 21.26  | 21.27 | 1 FN         |             |             |             |             | 47           |             |             |             |          |                                                                                                |
| K-12-0437 | 23.21  | 23.22 | 1 FN         |             |             |             |             | 47           |             |             |             |          |                                                                                                |
| K-12-0437 | 24.99  | 25.00 | 1 FN         |             |             |             |             | 40           |             |             |             |          |                                                                                                |
| K-12-0437 | 25.00  | 25.01 | 1 STR        |             |             |             |             | 20           | 265         | 210.3999939 | 85.5        |          | Lucky Queen as reference plane. Best fit plane has a much higher dip than the reference plane. |
| K-12-0437 | 26.76  | 28.10 | 1 FZN        | go          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 28.10  | 28.15 | 1 FLT        |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 28.52  | 28.53 | 1 FN         |             |             |             |             | 45           |             |             |             |          |                                                                                                |
| K-12-0437 | 29.10  | 29.11 | 1 FN         |             |             |             |             | 25           |             |             |             |          |                                                                                                |
| K-12-0437 | 30.39  | 30.40 | 1 FLT        | gg          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 30.63  | 30.64 | 1 FN         |             |             |             |             | 36           |             |             |             |          |                                                                                                |
| K-12-0437 | 33.19  | 33.20 | 1 FN         |             |             |             |             | 38           |             |             |             |          |                                                                                                |
| K-12-0437 | 34.40  | 34.41 | 1 FN         |             |             |             |             | 36           |             |             |             |          |                                                                                                |
| K-12-0437 | 34.92  | 34.93 | 1 FN         |             |             |             |             | 39           |             |             |             |          |                                                                                                |
| K-12-0437 | 36.01  | 36.02 | 1 FN         |             |             |             |             | 35           |             |             |             |          |                                                                                                |
| K-12-0437 | 36.02  | 36.03 | 1 STR        |             |             |             |             | 29           | 230         | 22.79999924 | 87.5        |          |                                                                                                |
| K-12-0437 | 37.75  | 37.76 | 1 FN         |             |             |             |             | 33           |             |             |             |          |                                                                                                |
| K-12-0437 | 39.85  | 39.86 | 1 FN         |             |             |             |             | 38           |             |             |             |          |                                                                                                |
| K-12-0437 | 41.55  | 41.56 | 1 FN         |             |             |             |             | 29           |             |             |             |          |                                                                                                |
| K-12-0437 | 42.88  | 42.89 | 1 FN         |             |             |             |             | 42           |             |             |             |          |                                                                                                |
| K-12-0437 | 42.98  | 43.08 | 1 FLT        | go          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 44.03  | 44.12 | 1 VNLT       |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 44.42  | 44.95 | 1 RZ         |             |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 45.19  | 45.20 | 1 FN         |             |             |             |             | 42           |             |             |             |          |                                                                                                |
| K-12-0437 | 46.26  | 46.27 | 1 FN         |             |             |             |             | 35           |             |             |             |          |                                                                                                |
| K-12-0437 | 48.22  | 48.23 | 1 PA         |             |             |             |             | 40           |             |             |             |          |                                                                                                |
| K-12-0437 | 49.49  | 49.50 | 1 PA         |             |             |             |             | 42           |             |             |             |          |                                                                                                |
| K-12-0437 | 49.50  | 49.51 | 1 STR        | mf          |             |             |             | 16           | 85          | 229.1900024 | 53.47999954 |          | sphalerite.                                                                                    |
| K-12-0437 | 50.94  | 50.95 | 1 PA         |             |             |             |             | 40           |             |             |             |          |                                                                                                |
| K-12-0437 | 51.34  | 51.35 | 1 PA         |             |             |             |             | 22           |             |             |             |          |                                                                                                |
| K-12-0437 | 53.65  | 53.66 | 1 FN         |             |             |             |             | 29           |             |             |             |          |                                                                                                |
| K-12-0437 | 54.31  | 54.77 | 1 FZN        | go          |             |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 54.90  | 54.91 | 1 FN         |             |             |             |             | 51           |             |             |             |          |                                                                                                |
| K-12-0437 | 56.28  | 56.29 | 1 FN         |             |             |             |             | 45           |             |             |             |          |                                                                                                |
| K-12-0437 | 56.29  | 56.30 | 1 STR        |             |             |             |             | 33           | 252         | 21.15999985 | 84.25       |          |                                                                                                |
| K-12-0437 | 57.28  | 59.44 | 1 FZN        | go          | bx          |             |             |              |             |             |             |          |                                                                                                |
| K-12-0437 | 59.95  | 59.96 | 1 FN         |             |             |             |             | 48           |             |             |             |          |                                                                                                |
| K-12-0437 | 60.04  | 60.05 | 1 FN         |             |             |             |             | 47           |             |             |             |          |                                                                                                |
| K-12-0437 | 60.75  | 60.76 | 1 FN         |             |             |             |             | 39           |             |             |             |          |                                                                                                |
| K-12-0437 | 62.57  | 62.58 | 1 FN         |             |             |             |             | 46           |             |             |             |          |                                                                                                |
| K-12-0437 | 64.94  | 64.95 | 1 FN         |             |             |             |             | 28           |             |             |             |          |                                                                                                |
| K-12-0437 | 65.84  | 65.85 | 1 FN         |             |             |             |             | 13           |             |             |             |          |                                                                                                |
| K-12-0437 | 67.37  | 67.38 | 1 VRG        |             |             |             |             |              |             |             |             | NNE      |                                                                                                |
| K-12-0437 | 67.40  | 67.41 | 1 FN         |             |             |             |             | 43           |             |             |             |          |                                                                                                |
| K-12-0437 | 69.30  | 69.31 | 1 FN         |             |             |             |             | 54           |             |             |             |          |                                                                                                |
| K-12-0437 | 72.15  | 72.16 | 1 FN         |             |             |             |             | 28           |             |             |             |          |                                                                                                |

## Structures

| Hole      | From m | To m   | Struct Level | Struct Code | Struct Mod1 | Struct Mod2 | Struct Mod3 | Struct Alpha | Struct Beta | Strike      | Dip  | Vergence | Comments |
|-----------|--------|--------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|------|----------|----------|
| K-12-0437 | 73.10  | 73.11  | 1            | FN          |             |             |             | 29           |             |             |      |          |          |
| K-12-0437 | 75.10  | 75.11  | 1            | FN          |             |             |             | 42           |             |             |      |          |          |
| K-12-0437 | 76.54  | 76.55  | 1            | FN          |             |             |             | 35           |             |             |      |          |          |
| K-12-0437 | 78.51  | 78.52  | 1            | FN          |             |             |             | 32           |             |             |      |          |          |
| K-12-0437 | 78.53  | 78.54  | 1            | STR         | mf          |             |             | 43           | 255         | 8.699999809 | 76.5 |          | Sp       |
| K-12-0437 | 79.21  | 79.55  | 1            | FZN         |             |             |             |              |             |             |      |          |          |
| K-12-0437 | 79.55  | 80.00  | 1            | MRZ         |             |             |             |              |             |             |      |          |          |
| K-12-0437 | 80.59  | 80.60  | 1            | FN          |             |             |             | 36           |             |             |      |          |          |
| K-12-0437 | 81.13  | 81.14  | 1            | FN          |             |             |             | 42           |             |             |      |          |          |
| K-12-0437 | 82.72  | 82.73  | 1            | FN          |             |             |             | 37           |             |             |      |          |          |
| K-12-0437 | 83.00  | 83.01  | 1            | FN          |             |             |             | 49           |             |             |      |          |          |
| K-12-0437 | 85.02  | 85.17  | 1            | FLT         | go          | gg          |             |              |             |             |      |          |          |
| K-12-0437 | 86.62  | 86.63  | 1            | FN          |             |             |             | 48           |             |             |      |          |          |
| K-12-0437 | 88.17  | 88.18  | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 88.80  | 88.81  | 1            | FN          |             |             |             | 57           |             |             |      |          |          |
| K-12-0437 | 91.27  | 91.28  | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 92.16  | 92.17  | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 93.90  | 93.91  | 1            | FN          |             |             |             | 52           |             |             |      |          |          |
| K-12-0437 | 95.95  | 95.96  | 1            | FN          |             |             |             | 32           |             |             |      |          |          |
| K-12-0437 | 96.38  | 96.39  | 1            | PA          |             |             |             | 41           |             |             |      |          |          |
| K-12-0437 | 98.91  | 98.92  | 1            | FN          |             |             |             | 45           |             |             |      |          |          |
| K-12-0437 | 99.60  | 99.61  | 1            | FN          |             |             |             | 36           |             |             |      |          |          |
| K-12-0437 | 100.02 | 100.03 | 1            | FN          |             |             |             | 43           |             |             |      |          |          |
| K-12-0437 | 102.20 | 102.21 | 1            | FN          |             |             |             | 50           |             |             |      |          |          |
| K-12-0437 | 103.92 | 103.93 | 1            | FN          |             |             |             | 38           |             |             |      |          |          |
| K-12-0437 | 105.75 | 105.76 | 1            | FN          |             |             |             | 30           |             |             |      |          |          |
| K-12-0437 | 106.78 | 106.79 | 1            | FN          |             |             |             | 47           |             |             |      |          |          |
| K-12-0437 | 108.80 | 108.81 | 1            | FN          |             |             |             | 39           |             |             |      |          |          |
| K-12-0437 | 111.58 | 111.59 | 1            | FN          |             |             |             | 56           |             |             |      |          |          |
| K-12-0437 | 113.58 | 113.59 | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 114.64 | 114.65 | 1            | FN          |             |             |             | 42           |             |             |      |          |          |
| K-12-0437 | 115.61 | 115.62 | 1            | FN          |             |             |             | 45           |             |             |      |          |          |
| K-12-0437 | 116.80 | 116.81 | 1            | FN          |             |             |             | 32           |             |             |      |          |          |
| K-12-0437 | 119.19 | 119.20 | 1            | FN          |             |             |             | 45           |             |             |      |          |          |
| K-12-0437 | 120.56 | 120.57 | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 123.24 | 123.25 | 1            | FN          |             |             |             | 40           |             |             |      |          |          |
| K-12-0437 | 125.00 | 125.01 | 1            | FN          |             |             |             | 47           |             |             |      |          |          |
| K-12-0437 | 126.36 | 126.37 | 1            | FN          |             |             |             | 41           |             |             |      |          |          |
| K-12-0437 | 128.66 | 128.67 | 1            | FN          |             |             |             | 39           |             |             |      |          |          |
| K-12-0437 | 130.53 | 130.54 | 1            | FN          |             |             |             | 45           |             |             |      |          |          |
| K-12-0437 | 131.05 | 131.06 | 1            | FN          |             |             |             | 41           |             |             |      |          |          |
| K-12-0437 | 134.28 | 134.29 | 1            | FN          |             |             |             | 63           |             |             |      |          |          |
| K-12-0437 | 134.63 | 134.64 | 1            | FN          |             |             |             | 59           |             |             |      |          |          |
| K-12-0437 | 134.94 | 134.95 | 1            | FN          |             |             |             | 52           |             |             |      |          |          |
| K-12-0437 | 137.66 | 137.67 | 1            | FN          |             |             |             | 31           |             |             |      |          |          |
| K-12-0437 | 138.37 | 138.38 | 1            | FN          |             |             |             | 50           |             |             |      |          |          |
| K-12-0437 | 139.81 | 139.82 | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 140.35 | 140.36 | 1            | FN          |             |             |             | 46           |             |             |      |          |          |
| K-12-0437 | 142.50 | 142.51 | 1            | FN          |             |             |             | 55           |             |             |      |          |          |
| K-12-0437 | 144.52 | 144.53 | 1            | FN          |             |             |             | 40           |             |             |      |          |          |
| K-12-0437 | 147.00 | 147.01 | 1            | FN          |             |             |             | 43           |             |             |      |          |          |
| K-12-0437 | 148.95 | 148.96 | 1            | FN          |             |             |             | 27           |             |             |      |          |          |
| K-12-0437 | 151.72 | 151.73 | 1            | FN          |             |             |             | 46           |             |             |      |          |          |
| K-12-0437 | 153.04 | 153.05 | 1            | FN          |             |             |             | 48           |             |             |      |          |          |
| K-12-0437 | 155.20 | 155.21 | 1            | FN          |             |             |             | 36           |             |             |      |          |          |
| K-12-0437 | 155.73 | 155.74 | 1            | FN          |             |             |             | 56           |             |             |      |          |          |
| K-12-0437 | 155.74 | 155.75 | 1            | VRG         |             |             |             | 56           | 154.1000061 | 35.90000153 | NNE  |          |          |
| K-12-0437 | 156.70 | 156.71 | 1            | FN          |             |             |             | 50           |             |             |      |          |          |
| K-12-0437 | 158.45 | 158.46 | 1            | FN          |             |             |             | 35           |             |             |      |          |          |
| K-12-0437 | 160.56 | 160.61 | 1            | FLD         | go          |             |             |              |             |             |      |          |          |
| K-12-0437 | 160.77 | 160.80 | 1            | FLT         | go          |             |             |              |             |             |      |          |          |
| K-12-0437 | 161.05 | 161.06 | 1            | FN          |             |             |             | 44           |             |             |      |          |          |
| K-12-0437 | 161.65 | 161.66 | 1            | FN          |             |             |             | 33           |             |             |      |          |          |
| K-12-0437 | 163.30 | 163.31 | 1            | FN          |             |             |             | 58           |             |             |      |          |          |
| K-12-0437 | 165.50 | 165.51 | 1            | FN          |             |             |             | 49           |             |             |      |          |          |

## Structures

| Hole      | From m | To m   | Struct Level | Struct Code | Struct Mod1 | Struct Mod2 | Struct Mod3 | Struct Alpha | Struct Beta | Strike | Dip | Vergence | Comments |
|-----------|--------|--------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------|-----|----------|----------|
| K-12-0437 | 167.05 | 167.06 | 1            | FN          |             |             |             | 60           |             |        |     |          |          |
| K-12-0437 | 169.50 | 169.51 | 1            | FN          |             |             |             | 58           |             |        |     |          |          |
| K-12-0437 | 171.58 | 171.59 | 1            | FN          |             |             |             | 50           |             |        |     |          |          |
| K-12-0437 | 173.52 | 173.53 | 1            | FN          |             |             |             | 45           |             |        |     |          |          |
| K-12-0437 | 175.00 | 175.01 | 1            | FN          |             |             |             | 43           |             |        |     |          |          |
| K-12-0437 | 175.98 | 175.99 | 1            | FN          |             |             |             | 52           |             |        |     |          |          |
| K-12-0437 | 178.95 | 178.96 | 1            | FN          |             |             |             | 41           |             |        |     |          |          |
| K-12-0437 | 180.45 | 180.46 | 1            | FN          |             |             |             | 45           |             |        |     |          |          |
| K-12-0437 | 181.95 | 181.96 | 1            | FN          |             |             |             | 34           |             |        |     |          |          |
| K-12-0437 | 183.63 | 183.64 | 1            | FN          |             |             |             | 51           |             |        |     |          |          |
| K-12-0437 | 186.13 | 186.14 | 1            | FN          |             |             |             | 46           |             |        |     |          |          |
| K-12-0437 | 188.04 | 188.05 | 1            | FN          |             |             |             | 51           |             |        |     |          |          |
| K-12-0437 | 189.37 | 189.38 | 1            | FN          |             |             |             | 47           |             |        |     |          |          |
| K-12-0437 | 190.80 | 190.81 | 1            | FN          |             |             |             | 49           |             |        |     |          |          |
| K-12-0437 | 191.75 | 191.79 | 1            | FN          | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 194.35 | 194.41 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 195.65 | 195.66 | 1            | FN          |             |             |             | 38           |             |        |     |          |          |
| K-12-0437 | 197.17 | 197.18 | 1            | FN          |             |             |             | 50           |             |        |     |          |          |
| K-12-0437 | 198.60 | 198.61 | 1            | FN          |             |             |             | 36           |             |        |     |          |          |
| K-12-0437 | 200.44 | 200.45 | 1            | FN          |             |             |             | 45           |             |        |     |          |          |
| K-12-0437 | 202.22 | 202.23 | 1            | FN          |             |             |             | 48           |             |        |     |          |          |
| K-12-0437 | 203.00 | 203.08 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 203.89 | 203.90 | 1            | FN          |             |             |             | 43           |             |        |     |          |          |
| K-12-0437 | 206.62 | 206.92 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 207.07 | 207.08 | 1            | FN          |             |             |             | 47           |             |        |     |          |          |
| K-12-0437 | 207.92 | 208.20 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 208.46 | 208.47 | 1            | FN          |             |             |             | 49           |             |        |     |          |          |
| K-12-0437 | 211.10 | 211.11 | 1            | FN          |             |             |             | 48           |             |        |     |          |          |
| K-12-0437 | 211.93 | 212.15 | 1            | MRZ         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 213.27 | 213.63 | 1            | RZ          |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 214.98 | 214.99 | 1            | FN          |             |             |             | 58           |             |        |     |          |          |
| K-12-0437 | 216.63 | 216.64 | 1            | FN          |             |             |             | 63           |             |        |     |          |          |
| K-12-0437 | 218.00 | 219.70 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 220.95 | 221.10 | 1            | FN          |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 222.27 | 222.50 | 1            | FZN         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 222.74 | 222.80 | 1            | FN          |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 226.78 | 226.79 | 1            | FN          |             |             |             | 44           |             |        |     |          |          |
| K-12-0437 | 227.00 | 227.57 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 227.67 | 228.03 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 228.03 | 228.90 | 1            | RZ          |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 229.95 | 229.96 | 1            | FN          |             |             |             | 42           |             |        |     |          |          |
| K-12-0437 | 230.56 | 230.57 | 1            | FN          |             |             |             | 39           |             |        |     |          |          |
| K-12-0437 | 232.93 | 233.00 | 1            | FLT         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 233.59 | 233.60 | 1            | FN          |             |             |             | 40           |             |        |     |          |          |
| K-12-0437 | 233.80 | 233.81 | 1            | FN          |             |             |             | 45           |             |        |     |          |          |
| K-12-0437 | 235.80 | 235.81 | 1            | FN          |             |             |             | 62           |             |        |     |          |          |
| K-12-0437 | 241.60 | 241.61 | 1            | FN          |             |             |             | 39           |             |        |     |          |          |
| K-12-0437 | 242.00 | 242.01 | 1            | FN          |             |             |             | 61           |             |        |     |          |          |
| K-12-0437 | 244.44 | 244.45 | 1            | FN          |             |             |             | 51           |             |        |     |          |          |
| K-12-0437 | 246.28 | 246.29 | 1            | FN          |             |             |             | 51           |             |        |     |          |          |
| K-12-0437 | 247.10 | 247.11 | 1            | FN          |             |             |             | 50           |             |        |     |          |          |
| K-12-0437 | 248.00 | 248.01 | 1            | FN          |             |             |             | 55           |             |        |     |          |          |
| K-12-0437 | 248.59 | 248.70 | 1            | FLT         | gg          |             |             |              |             |        |     |          |          |
| K-12-0437 | 249.05 | 249.13 | 1            | FLT         | gg          |             |             |              |             |        |     |          |          |
| K-12-0437 | 251.15 | 251.16 | 1            | FN          |             |             |             | 57           |             |        |     |          |          |
| K-12-0437 | 251.90 | 251.91 | 1            | FN          |             |             |             | 49           |             |        |     |          |          |
| K-12-0437 | 252.94 | 253.02 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 253.59 | 253.60 | 1            | FN          |             |             |             | 52           |             |        |     |          |          |
| K-12-0437 | 253.75 | 253.79 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 255.50 | 255.51 | 1            | FN          |             |             |             | 44           |             |        |     |          |          |
| K-12-0437 | 256.94 | 257.00 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 257.31 | 257.32 | 1            | FN          |             |             |             | 51           |             |        |     |          |          |
| K-12-0437 | 257.85 | 257.97 | 1            | FLT         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 258.90 | 258.99 | 1            | FLT         | gg          | go          |             |              |             |        |     |          |          |
| K-12-0437 | 260.25 | 260.26 | 1            | FN          |             |             |             | 60           |             |        |     |          |          |

## Structures

| Hole      | From m | To m   | Struct_Level | Struct_Code | Struct_Mod1 | Struct_Mod2 | Struct_Mod3 | Struct_Alpha | Struct_Beta | Strike | Dip | Vergence | Comments |
|-----------|--------|--------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|--------|-----|----------|----------|
| K-12-0437 | 260.39 | 260.47 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 262.68 | 262.77 | 1            | FLT         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 263.24 | 263.43 | 1            | FLT         | go          |             |             |              |             |        |     |          |          |
| K-12-0437 | 264.84 | 264.85 | 1            | FN          |             |             |             | 45           |             |        |     |          |          |
| K-12-0437 | 265.78 | 265.79 | 1            | FN          |             |             |             | 44           |             |        |     |          |          |
| K-12-0437 | 270.10 | 270.11 | 1            | FN          |             |             |             | 59           |             |        |     |          |          |
| K-12-0437 | 271.25 | 271.26 | 1            | FN          |             |             |             | 57           |             |        |     |          |          |
| K-12-0437 | 272.22 | 273.76 | 1            | FZN         |             |             |             |              |             |        |     |          |          |
| K-12-0437 | 273.85 | 273.86 | 1            | FN          |             |             |             | 54           |             |        |     |          |          |

## Mineralization

| Hole      | From_m | To_m  | Recovery_m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|-------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0437 | 6.00   | 6.58  | 0.46       | 1              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 6.58   | 8.45  | 1.48       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            | 0.50        |          |
| K-12-0437 | 8.45   | 10.31 | 1.65       | 1              |                 |         |             | 0.25     |         |             |         |             |          |            |             |          |
| K-12-0437 | 10.31  | 10.63 | 0.32       | 1              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 10.63  | 11.28 | 0.46       | 1              |                 |         |             | 0.25     |         |             |         |             |          |            |             |          |
| K-12-0437 | 11.28  | 12.30 | 0.82       | 1              |                 |         |             | 0.50     |         |             |         |             |          |            |             |          |
| K-12-0437 | 12.30  | 12.98 | 0.68       |                |                 |         |             | 0.50     |         |             |         |             |          |            |             |          |
| K-12-0437 | 12.98  | 14.00 | 0.87       | 1              |                 |         |             |          |         |             |         |             | 0.50     |            |             |          |
| K-12-0437 | 14.00  | 15.66 | 0.95       | 2              |                 |         |             |          |         |             |         |             | 1.50     |            |             |          |
| K-12-0437 | 15.66  | 16.76 | 0.72       |                |                 |         |             | 0.25     |         |             |         |             |          |            |             |          |
| K-12-0437 | 16.76  | 17.87 | 1.09       | 2              |                 |         |             | 2.00     |         |             |         |             |          |            | 1.00        |          |
| K-12-0437 | 17.87  | 19.26 | 1.39       | 2              |                 |         |             | 1.00     |         |             |         |             |          |            | 2.00        |          |
| K-12-0437 | 19.26  | 20.61 | 1.30       | 3              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 20.61  | 22.34 | 1.21       | 2              |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 22.34  | 24.22 | 1.54       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 24.22  | 25.46 | 1.17       | 2              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 25.46  | 26.76 | 1.13       | 2              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 26.76  | 27.40 | 0.36       | 3              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 27.40  | 28.10 | 0.32       |                | 3               |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 28.10  | 29.80 | 1.35       | 1              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 29.80  | 31.80 | 1.65       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 31.80  | 32.65 | 0.70       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 32.65  | 34.57 | 1.87       | 1              |                 |         |             | 1.50     |         |             |         |             |          |            |             |          |
| K-12-0437 | 34.57  | 36.21 | 1.63       |                |                 |         |             | 0.50     |         |             |         |             |          | 0.50       |             |          |
| K-12-0437 | 36.21  | 38.00 | 1.73       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 38.00  | 39.90 | 1.78       | 1              |                 |         |             | 1.00     |         |             |         |             |          | 0.50       |             |          |
| K-12-0437 | 39.90  | 40.73 | 0.75       | 3              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 40.73  | 41.50 | 0.76       | 1              |                 |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 41.50  | 42.93 | 1.21       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 42.93  | 44.42 | 1.16       | 2              |                 |         |             | 6.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 44.42  | 45.81 | 1.39       |                |                 |         |             | 9.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 45.81  | 46.58 | 0.76       | 1              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 46.58  | 47.80 | 1.20       | 3              |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 47.80  | 49.20 | 1.40       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            | 2.00        |          |
| K-12-0437 | 49.20  | 50.94 | 1.66       | 1              |                 |         |             | 9.00     |         |             |         |             |          | 2.00       |             |          |
| K-12-0437 | 50.94  | 52.47 | 1.44       | 1              |                 |         |             |          |         |             |         |             | 0.50     |            | 0.50        |          |
| K-12-0437 | 52.47  | 53.56 | 1.01       | 1              |                 |         |             | 0.50     |         |             |         |             | 0.25     |            |             |          |
| K-12-0437 | 53.56  | 54.31 | 0.75       | 2              |                 |         |             | 20.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 54.31  | 54.77 | 0.40       | 1              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 54.77  | 56.00 | 1.19       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 56.00  | 57.28 | 1.28       | 1              |                 |         |             | 3.00     |         |             |         |             | 2.00     |            |             |          |
| K-12-0437 | 57.28  | 58.58 | 1.19       | 1              |                 |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 58.58  | 59.44 | 0.79       | 1              |                 |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 59.44  | 61.31 | 1.87       | 1              |                 |         |             | 20.00    |         |             |         |             | 10.00    |            |             |          |
| K-12-0437 | 61.31  | 62.00 | 0.56       | 1              |                 |         |             | 3.00     |         |             |         |             | 1.00     |            |             |          |
| K-12-0437 | 62.00  | 62.87 | 0.87       | 1              |                 |         |             | 14.00    |         |             |         |             | 1.00     |            |             |          |
| K-12-0437 | 62.87  | 64.29 | 1.21       |                |                 |         |             | 8.00     |         |             |         |             | 1.00     |            |             |          |
| K-12-0437 | 64.29  | 65.38 | 1.09       |                |                 |         |             | 6.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 65.38  | 67.10 | 1.55       | 1              |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 67.10  | 67.64 | 0.50       |                |                 |         |             | 8.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 67.64  | 69.25 | 1.44       | 1              |                 |         |             | 7.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 69.25  | 70.46 | 1.21       |                |                 |         |             | 4.00     | py      | 1.00        |         |             |          |            |             |          |

## Mineralization

| Hole      | From m | To m  | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|-------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0437 | 6.00   | 6.58  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 6.58   | 8.45  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 8.45   | 10.31 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 10.31  | 10.63 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 10.63  | 11.28 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 11.28  | 12.30 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 12.30  | 12.98 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 12.98  | 14.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 14.00  | 15.66 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 15.66  | 16.76 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 16.76  | 17.87 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 17.87  | 19.26 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 19.26  | 20.61 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 20.61  | 22.34 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 22.34  | 24.22 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 24.22  | 25.46 |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 25.46  | 26.76 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 26.76  | 27.40 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 27.40  | 28.10 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 28.10  | 29.80 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 29.80  | 31.80 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 31.80  | 32.65 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 32.65  | 34.57 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 34.57  | 36.21 |              |          | 0.50         |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 36.21  | 38.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 38.00  | 39.90 |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 39.90  | 40.73 |              | 0.01     | 0.50         |              |                |         |             |         |             | 0.05     |              |          |              |                |
| K-12-0437 | 40.73  | 41.50 |              |          | 1.00         |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0437 | 41.50  | 42.93 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 42.93  | 44.42 |              |          | 2.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 44.42  | 45.81 |              |          | 1.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 45.81  | 46.58 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 46.58  | 47.80 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 47.80  | 49.20 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 49.20  | 50.94 |              |          | 3.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 50.94  | 52.47 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 52.47  | 53.56 |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 53.56  | 54.31 |              |          | 2.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 54.31  | 54.77 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 54.77  | 56.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 56.00  | 57.28 |              |          | 1.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 57.28  | 58.58 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 58.58  | 59.44 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 59.44  | 61.31 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 61.31  | 62.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 62.00  | 62.87 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 62.87  | 64.29 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 64.29  | 65.38 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 65.38  | 67.10 |              |          |              |              |                |         |             |         |             | 0.10     |              |          | 0.10         |                |
| K-12-0437 | 67.10  | 67.64 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 67.64  | 69.25 |              |          |              |              |                |         |             |         |             |          |              |          | 0.10         |                |
| K-12-0437 | 69.25  | 70.46 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

## Mineralization

| Hole      | From_m | To_m  | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                                                                                                                                                         |
|-----------|--------|-------|-------------------|--------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0437 | 6.00   | 6.58  |                   |              |            | Overburden. Oxidation.                                                                                                                                                                                                           |
| K-12-0437 | 6.58   | 8.45  |                   |              |            | Minor oxidation. Calcite replacement. Associated with metamorphic quartz and along foliation. Possibly Zn carbonate (?) which turns yellow when hit with acid. Reached out vugs parallel foliation (probably mobilized calcite). |
| K-12-0437 | 8.45   | 10.31 |                   |              |            | Leached vugs and stringers. Some metamorphic qtz and stringers. Oxidation of stringers and limonite staining along foliation.                                                                                                    |
| K-12-0437 | 10.31  | 10.63 |                   |              |            | Graphitic of a fault zone. Brown oxidation.                                                                                                                                                                                      |
| K-12-0437 | 10.63  | 11.28 |                   |              |            | Blocky and gougy fault zone. Some metamorphic qtz. Oxidation.                                                                                                                                                                    |
| K-12-0437 | 11.28  | 12.30 |                   |              |            | Quartzite hosting some metamorphic qtz. Limonite staining in fractures and joints.                                                                                                                                               |
| K-12-0437 | 12.30  | 12.98 |                   |              |            | Then lenses of metamorphic qtz within the foliation of gsch. Limonite alteration.                                                                                                                                                |
| K-12-0437 | 12.98  | 14.00 |                   |              |            | Some limonite staining on fractures. Thin stringer of qtz.                                                                                                                                                                       |
| K-12-0437 | 14.00  | 15.66 |                   |              |            | Blocky qtz more strongly oxidized than the previous interval. Some stringers of qtz.                                                                                                                                             |
| K-12-0437 | 15.66  | 16.76 |                   |              |            | Small amount of metamorphic qtz.                                                                                                                                                                                                 |
| K-12-0437 | 16.76  | 17.87 |                   |              |            | Some metamorphic qtz with associated calcite. Strong oxidation in alternating bands.                                                                                                                                             |
| K-12-0437 | 17.87  | 19.26 |                   |              |            | Metamorphic qtz with associated calcite. Limonite staining.                                                                                                                                                                      |
| K-12-0437 | 19.26  | 20.61 |                   |              |            | Metamorphic qtz (with some associated calcite). Strong oxidation.                                                                                                                                                                |
| K-12-0437 | 20.61  | 22.34 |                   |              |            | Metamorphic qtz. Oxidation.                                                                                                                                                                                                      |
| K-12-0437 | 22.34  | 24.22 |                   |              |            |                                                                                                                                                                                                                                  |
| K-12-0437 | 24.22  | 25.46 |                   |              |            | Sp stringers (somewhat altered and oxidized). Strong oxidation concentrated in ssch and gsch layers                                                                                                                              |
| K-12-0437 | 25.46  | 26.76 |                   |              |            | Blocky qtz and schist with limonite alteration.                                                                                                                                                                                  |
| K-12-0437 | 26.76  | 27.40 |                   |              |            | Oxidized fault zone.                                                                                                                                                                                                             |
| K-12-0437 | 27.40  | 28.10 |                   |              |            | Oxidized fault zone.                                                                                                                                                                                                             |
| K-12-0437 | 28.10  | 29.80 |                   |              |            | Gougy fault zone and gsch. Limonite staining. Possibly trace oxidized py (?).                                                                                                                                                    |
| K-12-0437 | 29.80  | 31.80 |                   |              |            | Gsch with metamorphic qtz. Limonite staining. Possibly trace oxidized py (?).                                                                                                                                                    |
| K-12-0437 | 31.80  | 32.65 |                   |              |            | Gain with metamorphic qtz. Limonite staining. Possibly trace oxidized py (?).                                                                                                                                                    |
| K-12-0437 | 32.65  | 34.57 |                   |              |            | Metamorphic quartz. Alteration (mottled texture) and oxidation.                                                                                                                                                                  |
| K-12-0437 | 34.57  | 36.21 |                   |              |            | Qtzt. Very thin stringers of sd and sp (which are mostly altered and oxidized). Trace disseminated py.                                                                                                                           |
| K-12-0437 | 36.21  | 38.00 |                   |              |            | Thin stringers of altered and oxidized (composition is questionable). Metamorphic qtz.                                                                                                                                           |
| K-12-0437 | 38.00  | 39.90 |                   |              |            | Limonite staining. Thin stringers of sp and sd. Metamorphic qtz.                                                                                                                                                                 |
| K-12-0437 | 39.90  | 40.73 |                   |              |            | Alternating layers of strongly oxidized leached cqtzt. Associated with thin stringers of sp (and possibly gn). Relict oxidized mineral py and oxidized vugs (possibly py or sp).                                                 |
| K-12-0437 | 40.73  | 41.50 |                   |              |            | Leached cqtzt which is strongly oxidized. Dissolved vugs and oxidized minerals. Metamorphic qtz.                                                                                                                                 |
| K-12-0437 | 41.50  | 42.93 |                   |              |            | Limonite staining along foliation and fractures. Some metamorphic qtz.                                                                                                                                                           |
| K-12-0437 | 42.93  | 44.42 |                   |              |            | Qtzt with some limonite staining in fractures. Vient (~8cm) which is composed partly of Sp and is strongly oxidized. Metamorphic qtz.                                                                                            |
| K-12-0437 | 44.42  | 45.81 |                   |              |            | Blocky qtz with limonite staining along fractures. Metamorphic qtz. Thin sp stringers.                                                                                                                                           |
| K-12-0437 | 45.81  | 46.58 |                   |              |            | Minor limonite staining along foliation and fractures. Some thin layers of metamorphic smeared along foliation.                                                                                                                  |
| K-12-0437 | 46.58  | 47.80 |                   |              |            | Strong oxidation along fractures of greenstone. Thin stringer of qtz.                                                                                                                                                            |
| K-12-0437 | 47.80  | 49.20 |                   |              |            | Limonite staining along fractures and joints. Metamorphic qtz. Calcite stringers and associated with mtz.                                                                                                                        |
| K-12-0437 | 49.20  | 50.94 |                   |              |            | Limonite staining. Metamorphic qtz. Stringers of sp, sd, and qtz.                                                                                                                                                                |
| K-12-0437 | 50.94  | 52.47 |                   |              |            | Limonite staining. Calcite and qtz stringers.                                                                                                                                                                                    |
| K-12-0437 | 52.47  | 53.56 |                   |              |            | Limonite staining concentrates on fractures. Thin stringers of Sp (many of which are oxidized). Some metamorphic qtz.                                                                                                            |
| K-12-0437 | 53.56  | 54.31 |                   |              |            | Metamorphic qtz. Thin stringers (0.5-2.5 mm). Limonite staining.                                                                                                                                                                 |
| K-12-0437 | 54.31  | 54.77 |                   |              |            | Weakly oxidized fault zone.                                                                                                                                                                                                      |
| K-12-0437 | 54.77  | 56.00 |                   |              |            | Metamorphic quartz sweets. Relict oxidized forms of stringers and disseminated minerals.                                                                                                                                         |
| K-12-0437 | 56.00  | 57.28 |                   |              |            | Limonite staining on fractures. Strong oxidation of leached and porous cqtzt. Stringers of sp and qtz.                                                                                                                           |
| K-12-0437 | 57.28  | 58.58 |                   |              |            | Metamorphic qtz.                                                                                                                                                                                                                 |
| K-12-0437 | 58.58  | 59.44 |                   |              |            | Weakly oxidized fault zone. Metamorphic qtz.                                                                                                                                                                                     |
| K-12-0437 | 59.44  | 61.31 |                   |              |            | Weakly oxidized fault zone. Metamorphic qtz.                                                                                                                                                                                     |
| K-12-0437 | 61.31  | 62.00 |                   |              |            | Metamorphic qtz and qtz stringers. Oxidation is concentrated within porous and leached layers. Possible oxidized disseminated zones (hard identify the primary mineral).                                                         |
| K-12-0437 | 62.00  | 62.87 |                   |              |            | Limonite staining along fractures. Metamorphic qtz. Some thin oxidized stringers.                                                                                                                                                |
| K-12-0437 | 62.87  | 64.29 |                   |              |            | Limonite and oxidation (constrained commonly by composition).                                                                                                                                                                    |
| K-12-0437 | 64.29  | 65.38 |                   |              |            | Metamorphic qtz. Possible oxidized disseminated minerals?                                                                                                                                                                        |
| K-12-0437 | 65.38  | 67.10 |                   |              |            | Metamorphic qtz.                                                                                                                                                                                                                 |
| K-12-0437 | 67.10  | 67.64 |                   |              |            | Metamorphic qtz. Oxidized disseminated minerals.                                                                                                                                                                                 |
| K-12-0437 | 67.64  | 69.25 |                   |              |            | Ssch with metamorphic qtz sweets.                                                                                                                                                                                                |
| K-12-0437 | 69.25  | 70.46 |                   |              |            | Metamorphic qtz.                                                                                                                                                                                                                 |

## Mineralization

| Hole      | From m | To m   | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|--------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0437 | 70.46  | 71.85  | 1.36       | 2              |                 |         |             | 3.00     |         |             |         |             | 2.00     | 0.25       |             |          |
| K-12-0437 | 71.85  | 73.21  | 1.36       | 1              |                 |         |             | 1.50     |         |             |         |             |          |            | 0.50        |          |
| K-12-0437 | 73.21  | 74.00  | 0.60       | 1              |                 |         |             | 0.50     |         |             |         |             | 1.50     |            | 0.25        |          |
| K-12-0437 | 74.00  | 75.90  | 1.72       |                |                 |         |             | 10.00    |         |             |         |             |          | 3.00       |             |          |
| K-12-0437 | 75.90  | 77.00  | 1.01       | 1              |                 |         |             | 20.00    |         |             |         |             |          | 0.50       |             |          |
| K-12-0437 | 77.00  | 78.27  | 1.27       | 1              |                 |         |             | 5.00     |         |             |         |             | 2.00     | 3.00       |             |          |
| K-12-0437 | 78.27  | 79.21  | 0.94       | 1              |                 |         |             |          |         |             |         |             | 2.00     | 4.00       |             |          |
| K-12-0437 | 79.21  | 79.55  | 0.15       | 1              |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 79.55  | 80.39  | 0.83       | 2              |                 |         |             | 25.00    |         |             |         |             | 1.00     | 2.00       |             |          |
| K-12-0437 | 80.39  | 81.02  | 0.60       |                |                 |         |             |          |         |             |         |             |          |            | 1.00        |          |
| K-12-0437 | 81.02  | 82.86  | 1.66       |                |                 |         |             | 30.00    |         |             |         |             | 3.00     | 2.00       | 0.50        |          |
| K-12-0437 | 82.86  | 84.26  | 1.40       |                |                 |         |             | 25.00    |         |             |         |             |          |            | 5.00        |          |
| K-12-0437 | 84.26  | 85.02  | 0.76       | 2              |                 |         |             | 40.00    |         |             |         |             |          | 4.00       |             |          |
| K-12-0437 | 85.02  | 86.36  | 0.80       | 2              |                 |         |             | 45.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 86.36  | 87.46  | 1.05       | 1              |                 |         |             | 25.00    |         |             |         |             | 5.00     | 2.00       |             |          |
| K-12-0437 | 87.46  | 89.00  | 1.54       | 2              |                 |         |             | 5.00     |         |             |         |             | 3.00     |            | 3.00        |          |
| K-12-0437 | 89.00  | 90.60  | 1.60       |                |                 |         |             |          |         |             |         |             |          | 2.00       | 3.00        |          |
| K-12-0437 | 90.60  | 92.43  | 1.81       |                |                 |         |             |          |         |             |         |             | 3.00     |            | 3.00        |          |
| K-12-0437 | 92.43  | 94.10  | 1.67       |                |                 |         |             | 6.00     |         |             |         |             |          |            | 3.00        |          |
| K-12-0437 | 94.10  | 95.20  | 1.10       |                |                 |         |             | 80.00    |         |             |         |             |          | 5.00       | 0.50        |          |
| K-12-0437 | 95.20  | 96.27  | 0.98       |                |                 |         |             | 15.00    |         |             |         |             |          | 3.00       | 3.00        |          |
| K-12-0437 | 96.27  | 97.23  | 0.77       |                |                 |         |             |          |         |             |         |             |          |            | 3.00        |          |
| K-12-0437 | 97.23  | 98.62  | 1.25       |                |                 |         |             | 30.00    |         |             |         |             |          | 3.00       |             |          |
| K-12-0437 | 98.62  | 99.68  | 1.03       |                |                 |         |             | 15.00    |         |             |         |             | 0.50     | 4.00       | 2.00        |          |
| K-12-0437 | 99.68  | 101.00 | 1.23       |                |                 |         |             | 15.00    |         |             |         |             |          | 2.00       | 1.00        |          |
| K-12-0437 | 101.00 | 102.04 | 1.04       |                |                 |         |             | 8.00     |         |             |         |             |          | 1.00       | 2.00        |          |
| K-12-0437 | 102.04 | 104.00 | 1.85       |                |                 |         |             | 3.00     |         |             |         |             | 1.00     | 0.25       |             |          |
| K-12-0437 | 104.00 | 105.65 | 1.46       | 1              |                 |         |             |          |         |             |         |             |          |            | 2.00        |          |
| K-12-0437 | 105.65 | 106.77 | 1.12       |                |                 |         |             |          |         |             |         |             |          |            | 0.50        |          |
| K-12-0437 | 106.77 | 107.73 | 0.93       |                |                 |         |             | 8.00     |         |             |         |             |          | 1.00       | 1.00        |          |
| K-12-0437 | 107.73 | 108.41 | 0.65       |                |                 |         |             | 2.00     |         |             |         |             | 3.00     |            | 1.00        |          |
| K-12-0437 | 108.41 | 109.40 | 0.99       | 1              |                 |         |             | 8.00     |         |             |         |             |          |            | 1.00        |          |
| K-12-0437 | 109.40 | 110.00 | 0.56       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 110.00 | 111.47 | 1.22       | 1              |                 |         |             | 5.00     |         |             |         |             |          | 1.00       |             |          |
| K-12-0437 | 111.47 | 112.25 | 0.63       |                |                 |         |             | 2.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 112.25 | 114.08 | 1.77       | 1              |                 |         |             | 11.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 114.08 | 115.36 | 1.07       | 1              |                 |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 115.36 | 116.88 | 1.52       |                |                 |         |             |          |         |             |         |             |          | 0.50       | 0.50        |          |
| K-12-0437 | 116.88 | 118.76 | 1.88       | 1              |                 |         |             | 22.00    |         |             |         |             |          |            | 1.00        |          |
| K-12-0437 | 118.76 | 119.90 | 1.07       |                |                 |         |             | 20.00    | py      | 3.00        |         |             |          |            | 2.00        |          |
| K-12-0437 | 119.90 | 121.23 | 1.23       |                |                 |         |             | 5.00     | py      | 0.25        |         |             |          |            | 2.00        |          |
| K-12-0437 | 121.23 | 121.56 | 0.27       |                |                 |         |             | 75.00    |         |             |         |             |          | 3.00       | 15.00       |          |
| K-12-0437 | 121.56 | 121.88 | 0.28       |                |                 |         |             | 40.00    |         |             |         |             |          | 4.00       | 15.00       |          |
| K-12-0437 | 121.88 | 123.50 | 1.47       | 1              |                 |         |             | 7.00     |         |             |         |             |          |            | 3.00        |          |
| K-12-0437 | 123.50 | 125.00 | 1.48       | 1              |                 |         |             | 3.00     |         |             |         |             |          | 1.00       | 2.00        |          |
| K-12-0437 | 125.00 | 126.34 | 1.34       |                |                 |         |             | 2.00     |         |             |         |             |          | 1.00       | 2.00        |          |
| K-12-0437 | 126.34 | 127.85 | 1.37       | 2              |                 |         |             | 2.00     |         |             |         |             |          | 1.00       | 1.00        |          |
| K-12-0437 | 127.85 | 129.44 | 1.53       |                |                 |         |             | 8.00     | py      | 1.00        |         |             | 2.00     | 0.50       | 4.00        |          |
| K-12-0437 | 129.44 | 131.00 | 1.51       |                |                 |         |             | 5.00     | py      | 0.50        |         |             | 2.00     | 1.50       |             |          |
| K-12-0437 | 131.00 | 132.77 | 1.59       |                |                 |         |             | 7.00     | py      | 0.50        |         |             |          |            | 2.00        |          |
| K-12-0437 | 132.77 | 134.36 | 1.47       |                |                 |         |             | 15.00    | py      | 0.50        |         |             |          | 0.25       | 2.00        |          |
| K-12-0437 | 134.36 | 135.96 | 1.60       |                |                 |         |             | 20.00    |         |             |         |             |          | 0.25       | 0.10        |          |
| K-12-0437 | 135.96 | 137.72 | 1.75       |                |                 |         |             | 5.00     | py      | 0.50        |         |             |          | 0.25       | 0.50        |          |
| K-12-0437 | 137.72 | 139.63 | 1.86       |                |                 |         |             | 12.00    | py      | 0.25        |         |             | 3.00     | 0.50       | 0.50        | 0.25     |
| K-12-0437 | 139.63 | 140.99 | 1.31       |                |                 |         |             | 7.00     | py      | 0.50        |         |             |          | 0.25       | 0.25        |          |
| K-12-0437 | 140.99 | 142.89 | 1.82       |                |                 |         |             | 2.00     | py      | 1.00        |         |             |          |            | 0.50        |          |
| K-12-0437 | 142.89 | 144.59 | 1.58       |                |                 |         |             | 6.00     | py      | 0.50        |         |             |          | 0.50       | 0.25        |          |
| K-12-0437 | 144.59 | 146.09 | 1.49       |                |                 |         |             | 6.00     | py      | 0.50        |         |             | 3.00     | 1.00       |             |          |
| K-12-0437 | 146.09 | 147.05 | 0.94       |                |                 |         |             | 6.00     |         |             |         |             |          |            |             |          |

## Mineralization

| Hole      | From m | To m   | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|--------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0437 | 70.46  | 71.85  |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 71.85  | 73.21  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 73.21  | 74.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 74.00  | 75.90  |              |          | 2.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 75.90  | 77.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 77.00  | 78.27  |              |          | 5.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 78.27  | 79.21  |              |          | 2.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 79.21  | 79.55  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 79.55  | 80.39  |              |          | 0.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 80.39  | 81.02  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 81.02  | 82.86  |              |          | 1.00         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 82.86  | 84.26  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 84.26  | 85.02  |              |          | 0.25         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 85.02  | 86.36  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 86.36  | 87.46  |              |          | 1.50         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 87.46  | 89.00  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 89.00  | 90.60  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 90.60  | 92.43  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 92.43  | 94.10  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 94.10  | 95.20  |              |          | 0.25         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 95.20  | 96.27  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 96.27  | 97.23  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 97.23  | 98.62  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 98.62  | 99.68  |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 99.68  | 101.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 101.00 | 102.04 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 102.04 | 104.00 |              |          | 0.25         |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 104.00 | 105.65 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 105.65 | 106.77 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 106.77 | 107.73 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 107.73 | 108.41 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 108.41 | 109.40 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 109.40 | 110.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 110.00 | 111.47 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 111.47 | 112.25 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 112.25 | 114.08 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 114.08 | 115.36 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 115.36 | 116.88 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 116.88 | 118.76 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 118.76 | 119.90 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 119.90 | 121.23 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 121.23 | 121.56 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 121.56 | 121.88 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 121.88 | 123.50 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 123.50 | 125.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 125.00 | 126.34 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 126.34 | 127.85 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 127.85 | 129.44 |              |          |              |              |                |         |             |         |             | 1.00     |              |          |              |                |
| K-12-0437 | 129.44 | 131.00 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0437 | 131.00 | 132.77 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 132.77 | 134.36 |              |          |              |              |                |         |             |         |             | 1.00     |              |          |              |                |
| K-12-0437 | 134.36 | 135.96 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 135.96 | 137.72 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 137.72 | 139.63 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 139.63 | 140.99 |              |          |              |              |                |         |             |         |             | 1.00     |              |          |              |                |
| K-12-0437 | 140.99 | 142.89 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 142.89 | 144.59 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 144.59 | 146.09 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 146.09 | 147.05 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              |                |

## Mineralization

| Hole      | From m | To m   | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                                                             |
|-----------|--------|--------|-------------------|--------------|------------|--------------------------------------------------------------------------------------------------------------------------------------|
| K-12-0437 | 70.46  | 71.85  |                   |              |            | Thin stringers of Sp and qtz.                                                                                                        |
| K-12-0437 | 71.85  | 73.21  |                   |              |            | Some oxidized stringers (possibly sp?) -                                                                                             |
| K-12-0437 | 73.21  | 74.00  |                   |              |            | Broken/blocky.                                                                                                                       |
| K-12-0437 | 74.00  | 75.90  |                   |              |            | Sp and Sd stringers.                                                                                                                 |
| K-12-0437 | 75.90  | 77.00  |                   |              |            | Few thin Sd stringers with some associated Sp. Oxidized disseminated minerals (?).                                                   |
| K-12-0437 | 77.00  | 78.27  |                   |              |            | Sp, Sd, and qtz stringers. Cross-cutting relationship btw sp/sd and qtz.                                                             |
| K-12-0437 | 78.27  | 79.21  |                   |              |            | Stringers of sp, sd and qtz.                                                                                                         |
| K-12-0437 | 79.21  | 79.55  |                   |              |            | Fault/breccia zone.                                                                                                                  |
| K-12-0437 | 79.55  | 80.39  |                   |              |            | Stringers oxidized.                                                                                                                  |
| K-12-0437 | 80.39  | 81.02  |                   |              |            |                                                                                                                                      |
| K-12-0437 | 81.02  | 82.86  |                   |              |            | Sd and Sp associated with qtz stringers. Oxidation within stringers.                                                                 |
| K-12-0437 | 82.86  | 84.26  |                   |              |            |                                                                                                                                      |
| K-12-0437 | 84.26  | 85.02  |                   |              |            | Sd stringers with a small component of associated Sp (partially oxidized?).                                                          |
| K-12-0437 | 85.02  | 86.36  |                   |              |            | Partly graphitic fault zone.                                                                                                         |
| K-12-0437 | 86.36  | 87.46  |                   |              |            | Metamorphic qtz dominates qtz in the interval. Qtz stringers. Associated cal, sp, and sd.                                            |
| K-12-0437 | 87.46  | 89.00  |                   |              |            | Qtz stringers (associated with a highly oxidized mineral). Calcite.                                                                  |
| K-12-0437 | 89.00  | 90.60  |                   |              |            | Sd stringers.                                                                                                                        |
| K-12-0437 | 90.60  | 92.43  |                   |              |            | Cal. And qtz stringers.                                                                                                              |
| K-12-0437 | 92.43  | 94.10  |                   |              |            | Mobilized calcite.                                                                                                                   |
| K-12-0437 | 94.10  | 95.20  |                   |              |            | Internal of mqtz with associated Sd with some cal. Possibly sp?                                                                      |
| K-12-0437 | 95.20  | 96.27  |                   |              |            | Sd and cal associated with mqtz.                                                                                                     |
| K-12-0437 | 96.27  | 97.23  |                   |              |            | Calcite.                                                                                                                             |
| K-12-0437 | 97.23  | 98.62  |                   |              |            |                                                                                                                                      |
| K-12-0437 | 98.62  | 99.68  |                   |              |            | Sd and qtz stringers. Calcite associated mqtz.                                                                                       |
| K-12-0437 | 99.68  | 101.00 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 101.00 | 102.04 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 102.04 | 104.00 |                   |              |            | Thin stringers of qtz with associated Sd and Sp.                                                                                     |
| K-12-0437 | 104.00 | 105.65 |                   |              |            | Mobilized calcite and stringers.                                                                                                     |
| K-12-0437 | 105.65 | 106.77 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 106.77 | 107.73 |                   |              |            | Metamorphic qtz with associated cal and sd.                                                                                          |
| K-12-0437 | 107.73 | 108.41 |                   |              |            | Hydrothermal cal and qtz.                                                                                                            |
| K-12-0437 | 108.41 | 109.40 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 109.40 | 110.00 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 110.00 | 111.47 |                   |              |            | Slightly oxidized Sd stringers.                                                                                                      |
| K-12-0437 | 111.47 | 112.25 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 112.25 | 114.08 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 114.08 | 115.36 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 115.36 | 116.88 |                   |              |            | Sd stringers. Sd and cal within foliation.                                                                                           |
| K-12-0437 | 116.88 | 118.76 |                   |              |            |                                                                                                                                      |
| K-12-0437 | 118.76 | 119.90 |                   |              |            | Cal associated with mqtz.                                                                                                            |
| K-12-0437 | 119.90 | 121.23 |                   |              |            | Cal associated with mqtz.                                                                                                            |
| K-12-0437 | 121.23 | 121.56 |                   |              |            | Qtz vien with associated cal and sd.                                                                                                 |
| K-12-0437 | 121.56 | 121.88 |                   |              |            | Qtz vien with associated cal and sd.                                                                                                 |
| K-12-0437 | 121.88 | 123.50 |                   |              |            | Mqtz with associated cal.                                                                                                            |
| K-12-0437 | 123.50 | 125.00 |                   |              |            | Mqtz with associated cal and sd.                                                                                                     |
| K-12-0437 | 125.00 | 126.34 |                   |              |            | Mqtz with associated cal and sd. Sd stringer (?).                                                                                    |
| K-12-0437 | 126.34 | 127.85 |                   |              |            | Mqtz with associated cal and sd.                                                                                                     |
| K-12-0437 | 127.85 | 129.44 |                   |              |            | Mqtz with associated cal and sd. Qtz stringer. Disseminated and slightly oxidized Py associated with gsch.                           |
| K-12-0437 | 129.44 | 131.00 |                   |              |            | Mqtz with associated cal and sd. Stringer of qtz. A few thin stringers of sad and cal. Trace amounts of disseminated py within gsch. |
| K-12-0437 | 131.00 | 132.77 |                   |              |            | Mqtz with associated cal. Origin and composition of additional sulphide minerals is hard to identify. Probably disseminated py?      |
| K-12-0437 | 132.77 | 134.36 |                   |              |            | Mqtz with associated cal. Origin and composition of additional sulphide minerals is hard to identify. Probably disseminated py?      |
| K-12-0437 | 134.36 | 135.96 |                   |              |            | Mqtz with associated sd.                                                                                                             |
| K-12-0437 | 135.96 | 137.72 |                   |              |            | very then stringers of cal and sd. Some cal associated with mqtz Some trihedral disseminated py.                                     |
| K-12-0437 | 137.72 | 139.63 |                   |              |            | Vienlet and stringers of qtz (with trace amount of py). Small amount of cal and sd associated with the mqtz. Some disseminated py.   |
| K-12-0437 | 139.63 | 140.99 |                   |              |            | Small amount of cal and sd associated with the mqtz.                                                                                 |
| K-12-0437 | 140.99 | 142.89 |                   |              |            | Mobilized cal. Disseminated py.                                                                                                      |
| K-12-0437 | 142.89 | 144.59 |                   |              |            | Small amount of disseminated py. Thin stringers of sd.                                                                               |
| K-12-0437 | 144.59 | 146.09 |                   |              |            | Cal associated with mqtz. Stringers of qtz and sd.                                                                                   |
| K-12-0437 | 146.09 | 147.05 |                   |              |            | Small amount of Py disseminated along thin lamellae of gsch.                                                                         |

## Mineralization

| Hole      | From m | To m   | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|--------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0437 | 147.05 | 149.00 | 1.91       |                |                 |         |             | 5.00     | py      | 0.20        |         |             |          |            |             |          |
| K-12-0437 | 149.00 | 151.00 | 2.00       |                |                 |         |             | 21.00    | py      | 0.25        |         |             | 5.00     | 0.50       | 2.00        |          |
| K-12-0437 | 151.00 | 152.00 | 0.95       |                |                 |         |             | 26.00    | py      | 0.25        |         |             |          |            | 2.00        |          |
| K-12-0437 | 152.00 | 153.72 | 1.72       |                |                 |         |             | 6.00     | py      | 0.50        |         |             |          |            | 2.00        |          |
| K-12-0437 | 153.72 | 155.13 | 1.20       |                |                 |         |             | 5.00     | py      | 1.00        |         |             |          |            | 1.00        |          |
| K-12-0437 | 155.13 | 156.97 | 1.84       |                |                 |         |             | 7.00     | py      | 0.50        |         |             |          | 0.50       | 2.00        |          |
| K-12-0437 | 156.97 | 158.48 | 1.46       |                |                 |         |             | 2.00     | py      | 0.50        |         |             |          |            | 1.00        |          |
| K-12-0437 | 158.48 | 159.85 | 1.37       |                |                 |         |             | 2.00     | py      | 1.00        |         |             | 4.00     |            | 2.00        |          |
| K-12-0437 | 159.85 | 161.73 | 1.80       | 1              |                 |         |             | 2.00     |         |             |         |             |          |            | 2.00        |          |
| K-12-0437 | 161.73 | 163.37 | 1.64       |                |                 |         |             | 12.00    |         |             |         |             |          |            | 1.00        |          |
| K-12-0437 | 163.37 | 164.16 | 0.79       |                |                 |         |             | 10.00    |         |             |         |             | 10.00    |            |             |          |
| K-12-0437 | 164.16 | 165.50 | 1.20       | 1              |                 |         |             | 5.00     | py      | 0.50        |         |             |          |            | 2.00        |          |
| K-12-0437 | 165.50 | 167.60 | 2.10       |                |                 |         |             | 3.00     | py      | 0.20        |         |             |          |            | 0.50        |          |
| K-12-0437 | 167.60 | 169.88 | 2.17       |                |                 |         |             | 4.00     | py      | 0.50        |         |             |          |            | 2.00        |          |
| K-12-0437 | 169.88 | 171.55 | 1.67       |                |                 |         |             |          |         |             |         |             | 1.00     |            |             |          |
| K-12-0437 | 171.55 | 173.00 | 1.45       |                |                 |         |             | 2.00     | py      | 0.20        |         |             |          |            | 1.00        |          |
| K-12-0437 | 173.00 | 175.03 | 1.97       |                |                 |         |             | 2.00     | py      | 0.25        |         |             |          |            | 1.00        |          |
| K-12-0437 | 175.03 | 176.76 | 1.69       |                |                 |         |             | 7.00     | py      | 0.50        |         |             |          |            |             |          |
| K-12-0437 | 176.76 | 179.00 | 2.20       |                |                 |         |             | 3.00     | py      | 0.50        |         |             |          |            | 1.00        |          |
| K-12-0437 | 179.00 | 180.43 | 1.40       |                |                 |         |             | 1.50     |         |             |         |             |          |            | 0.25        |          |
| K-12-0437 | 180.43 | 182.00 | 1.53       |                |                 |         |             | 3.00     | py      | 0.50        |         |             |          |            | 1.00        |          |
| K-12-0437 | 182.00 | 183.60 | 1.60       | 1              |                 |         |             | 5.00     | py      | 0.50        |         |             |          |            | 2.00        |          |
| K-12-0437 | 183.60 | 185.41 | 1.70       |                |                 |         |             | 1.00     | py      | 0.25        |         |             |          |            | 0.50        |          |
| K-12-0437 | 185.41 | 186.11 | 0.70       |                |                 |         |             | 1.00     | py      | 0.25        |         |             |          |            | 0.50        |          |
| K-12-0437 | 186.11 | 187.79 | 1.68       |                |                 |         |             | 4.00     |         |             |         |             |          |            | 1.50        |          |
| K-12-0437 | 187.79 | 189.35 | 1.56       |                |                 |         |             | 2.50     |         |             |         |             | 2.50     |            |             |          |
| K-12-0437 | 189.35 | 190.78 | 1.43       |                |                 |         |             | 1.40     |         |             |         |             |          |            | 1.40        |          |
| K-12-0437 | 190.78 | 192.29 | 1.34       |                |                 |         |             | 2.50     | py      | 0.25        |         |             | 0.50     |            | 1.00        |          |
| K-12-0437 | 192.29 | 194.00 | 1.54       |                |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 194.00 | 195.97 | 1.97       |                |                 |         |             | 4.00     |         |             |         |             | 3.00     | 0.50       | 1.50        |          |
| K-12-0437 | 195.97 | 197.95 | 1.97       |                |                 |         |             | 5.00     | py      | 0.25        |         |             |          | 0.25       | 0.25        |          |
| K-12-0437 | 197.95 | 200.00 | 1.97       |                |                 |         |             | 1.00     | py      | 0.25        |         |             | 5.00     |            |             |          |
| K-12-0437 | 200.00 | 201.87 | 1.87       |                |                 |         |             | 1.50     |         |             |         |             | 1.50     |            |             |          |
| K-12-0437 | 201.87 | 203.00 | 1.13       |                |                 |         |             | 2.00     |         |             |         |             |          |            | 0.25        |          |
| K-12-0437 | 203.00 | 204.40 | 0.96       |                |                 |         |             | 3.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 204.40 | 206.00 | 1.06       |                |                 |         |             | 6.00     | py      | 0.10        |         |             |          | 0.25       | 0.25        |          |
| K-12-0437 | 206.00 | 207.97 | 1.49       |                |                 |         |             | 4.00     |         |             |         |             | 2.00     | 0.25       |             |          |
| K-12-0437 | 207.97 | 209.80 | 1.77       |                |                 |         |             | 7.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 209.80 | 211.77 | 1.90       |                |                 |         |             | 4.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 211.77 | 213.24 | 1.46       |                |                 |         |             | 7.50     |         |             |         |             |          |            |             |          |
| K-12-0437 | 213.24 | 215.00 | 0.86       |                |                 |         |             | 6.00     | py      | 0.10        |         |             |          |            |             |          |
| K-12-0437 | 215.00 | 216.56 | 1.22       |                |                 |         |             | 18.00    |         | 0.10        |         |             |          |            |             |          |
| K-12-0437 | 216.56 | 218.00 | 1.37       |                |                 |         |             | 11.00    |         |             |         |             | 3.00     |            |             |          |
| K-12-0437 | 218.00 | 219.70 | 1.23       |                |                 |         |             | 10.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 219.70 | 221.00 | 0.75       |                |                 |         |             | 1.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 221.00 | 222.80 | 1.08       |                |                 |         |             | 2.00     | py      | 0.20        |         |             |          |            |             |          |
| K-12-0437 | 222.80 | 223.51 | 0.65       |                |                 |         |             | 1.00     |         |             |         |             | 1.00     |            |             |          |
| K-12-0437 | 223.51 | 225.10 | 0.47       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 225.10 | 227.00 | 1.65       |                |                 |         |             | 4.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 227.00 | 227.51 | 0.32       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 227.51 | 228.90 | 1.34       |                |                 |         |             | 15.00    | py      | 0.50        |         |             |          |            |             |          |
| K-12-0437 | 228.90 | 230.42 | 1.03       |                |                 |         |             | 2.00     | py      | 0.25        |         |             |          |            |             |          |
| K-12-0437 | 230.42 | 232.42 | 1.93       |                |                 |         |             |          |         |             |         |             |          |            |             |          |
| K-12-0437 | 232.42 | 234.30 | 1.84       |                |                 |         |             | 8.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 234.30 | 236.00 | 1.70       |                |                 |         |             | 12.00    |         |             |         |             |          |            | 2.00        |          |
| K-12-0437 | 236.00 | 237.77 | 1.72       |                |                 |         |             | 5.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 237.77 | 239.68 | 1.77       |                |                 |         |             | 40.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 239.68 | 241.66 | 1.81       |                |                 |         |             | 12.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 241.66 | 243.27 | 1.61       |                |                 |         |             | 4.00     |         |             |         |             |          |            |             |          |
| K-12-0437 | 243.27 | 245.00 | 1.73       |                |                 |         |             | 18.00    |         |             |         |             |          |            |             |          |
| K-12-0437 | 245.00 | 246.96 | 1.95       |                |                 |         |             | 13.00    | py      | 0.25        |         |             |          |            |             |          |
| K-12-0437 | 246.96 | 248.59 | 1.61       |                |                 |         |             | 6.00     | py      | 0.50        |         |             |          |            | 0.50        |          |
| K-12-0437 | 248.59 | 250.12 | 1.00       |                |                 |         |             |          | py      | 0.50        |         |             |          |            |             |          |
| K-12-0437 | 250.12 | 251.95 | 1.80       |                |                 |         |             | 1.00     | py      | 0.25        |         |             |          |            | 0.25        |          |
| K-12-0437 | 251.95 | 253.64 | 1.67       |                |                 |         |             | 5.00     | py      | 1.00        |         |             |          |            | 0.50        |          |

## Mineralization

| Hole      | From m | To m   | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|--------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0437 | 147.05 | 149.00 |              |          |              |              |                |         |             |         |             | 0.20     |              |          |              |                |
| K-12-0437 | 149.00 | 151.00 |              |          |              |              |                |         |             |         |             | 0.25     |              |          | 0.25         |                |
| K-12-0437 | 151.00 | 152.00 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 152.00 | 153.72 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 153.72 | 155.13 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 155.13 | 156.97 |              |          |              |              |                |         |             |         |             | 0.75     |              |          | 0.25         |                |
| K-12-0437 | 156.97 | 158.48 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 158.48 | 159.85 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 159.85 | 161.73 |              |          |              |              |                |         |             |         |             | 1.50     |              |          |              |                |
| K-12-0437 | 161.73 | 163.37 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 163.37 | 164.16 |              |          |              |              |                |         |             |         |             | 0.05     |              |          |              |                |
| K-12-0437 | 164.16 | 165.50 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 165.50 | 167.60 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 167.60 | 169.88 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 169.88 | 171.55 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 171.55 | 173.00 |              |          |              |              |                |         |             |         |             | 0.20     |              |          |              |                |
| K-12-0437 | 173.00 | 175.03 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 175.03 | 176.76 |              |          |              |              |                |         |             |         |             | 1.00     |              |          |              |                |
| K-12-0437 | 176.76 | 179.00 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 179.00 | 180.43 |              |          |              |              |                |         |             |         |             | 0.03     |              |          |              |                |
| K-12-0437 | 180.43 | 182.00 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 182.00 | 183.60 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              |                |
| K-12-0437 | 183.60 | 185.41 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 185.41 | 186.11 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 186.11 | 187.79 |              |          |              |              |                |         |             |         |             | 0.20     |              |          |              |                |
| K-12-0437 | 187.79 | 189.35 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 189.35 | 190.78 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 190.78 | 192.29 |              |          |              |              |                |         |             |         |             | 1.00     |              |          |              |                |
| K-12-0437 | 192.29 | 194.00 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 194.00 | 195.97 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 195.97 | 197.95 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 197.95 | 200.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 200.00 | 201.87 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 201.87 | 203.00 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 203.00 | 204.40 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 204.40 | 206.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 206.00 | 207.97 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 207.97 | 209.80 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              |                |
| K-12-0437 | 209.80 | 211.77 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 211.77 | 213.24 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 213.24 | 215.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 215.00 | 216.56 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 216.56 | 218.00 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              | 0.10           |
| K-12-0437 | 218.00 | 219.70 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 219.70 | 221.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 221.00 | 222.80 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 222.80 | 223.51 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 223.51 | 225.10 |              |          |              |              |                |         |             |         |             | 0.50     |              |          |              |                |
| K-12-0437 | 225.10 | 227.00 |              |          |              |              |                |         |             |         |             | 0.00     |              |          |              |                |
| K-12-0437 | 227.00 | 227.51 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 227.51 | 228.90 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 228.90 | 230.42 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 230.42 | 232.42 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 232.42 | 234.30 |              |          |              |              |                |         |             |         |             | 0.25     |              |          |              |                |
| K-12-0437 | 234.30 | 236.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 236.00 | 237.77 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 237.77 | 239.68 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 239.68 | 241.66 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 241.66 | 243.27 |              |          |              |              |                |         |             |         |             | 0.01     |              |          |              |                |
| K-12-0437 | 243.27 | 245.00 |              |          |              |              |                |         |             |         |             | 0.10     |              |          |              |                |
| K-12-0437 | 245.00 | 246.96 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 246.96 | 248.59 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 248.59 | 250.12 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 250.12 | 251.95 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 251.95 | 253.64 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

| Mineralization |        |        |                   |              |            |                                                                                         |
|----------------|--------|--------|-------------------|--------------|------------|-----------------------------------------------------------------------------------------|
| Hole           | From m | To m   | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                                                |
| K-12-0437      | 147.05 | 149.00 |                   |              |            | A little disseminated py.                                                               |
| K-12-0437      | 149.00 | 151.00 |                   |              |            | Some euhedral disseminated Py and Sp. Thin cal stringers and cal associated with mqtz.  |
| K-12-0437      | 151.00 | 152.00 |                   |              |            | Cal associated with mqtz. Some oxidation of the minerals.                               |
| K-12-0437      | 152.00 | 153.72 |                   |              |            | Cal associated with mqtz. Some oxidation of the minerals.                               |
| K-12-0437      | 153.72 | 155.13 |                   |              |            | Cal associated with mqtz. Some oxidation of the minerals.                               |
| K-12-0437      | 155.13 | 156.97 |                   |              |            | Cal associated with mqtz. Disseminate py and sp.                                        |
| K-12-0437      | 156.97 | 158.48 |                   |              |            | Cal associated with mqtz.                                                               |
| K-12-0437      | 158.48 | 159.85 |                   |              |            | Cal (stained yellow?) associated with mqtz and qtz stringers.                           |
| K-12-0437      | 159.85 | 161.73 |                   |              |            | Disseminated py concentrated in gsch layers. Cal associated mqtz.                       |
| K-12-0437      | 161.73 | 163.37 |                   |              |            | Some cal associated with mqtz.                                                          |
| K-12-0437      | 163.37 | 164.16 |                   |              |            | Qtz stringer.                                                                           |
| K-12-0437      | 164.16 | 165.50 |                   |              |            | Cal associated with mqtz                                                                |
| K-12-0437      | 165.50 | 167.60 |                   |              |            | Euhedral disseminated py.                                                               |
| K-12-0437      | 167.60 | 169.88 |                   |              |            |                                                                                         |
| K-12-0437      | 169.88 | 171.55 |                   |              |            | Mobilized cal and thin cal stringers.                                                   |
| K-12-0437      | 171.55 | 173.00 |                   |              |            | Cal stringers and cal associated with mqtz.                                             |
| K-12-0437      | 173.00 | 175.03 |                   |              |            | Cal stringers and cal associated with mqtz. Some disseminated Py.                       |
| K-12-0437      | 175.03 | 176.76 |                   |              |            | Cal stringers and cal associated with mqtz. Coarse funnel disseminated py.              |
| K-12-0437      | 176.76 | 179.00 |                   |              |            | Cal stringers and cal associated with mqtz. Some disseminated py.                       |
| K-12-0437      | 179.00 | 180.43 |                   |              |            | Some cal associated with mqtz. Small amount of disseminated py.                         |
| K-12-0437      | 180.43 | 182.00 |                   |              |            | Cal associated with mqtz.                                                               |
| K-12-0437      | 182.00 | 183.60 |                   |              |            | .                                                                                       |
| K-12-0437      | 183.60 | 185.41 |                   |              |            |                                                                                         |
| K-12-0437      | 185.41 | 186.11 |                   |              |            | Ssch with a slightly different composition than the following interval (more chlorite). |
| K-12-0437      | 186.11 | 187.79 |                   |              |            | Trace disseminated py-                                                                  |
| K-12-0437      | 187.79 | 189.35 |                   |              |            |                                                                                         |
| K-12-0437      | 189.35 | 190.78 |                   |              |            | Mobilized hydrothermal calcite. Coarse disseminated py in beds of gsch.                 |
| K-12-0437      | 190.78 | 192.29 |                   |              |            | Disseminated py.                                                                        |
| K-12-0437      | 192.29 | 194.00 |                   |              |            |                                                                                         |
| K-12-0437      | 194.00 | 195.97 |                   |              |            | Cal and Sd associated with mqtz. Disseminated Py.                                       |
| K-12-0437      | 195.97 | 197.95 |                   |              |            |                                                                                         |
| K-12-0437      | 197.95 | 200.00 |                   |              |            |                                                                                         |
| K-12-0437      | 200.00 | 201.87 |                   |              |            |                                                                                         |
| K-12-0437      | 201.87 | 203.00 |                   |              |            |                                                                                         |
| K-12-0437      | 203.00 | 204.40 |                   |              |            |                                                                                         |
| K-12-0437      | 204.40 | 206.00 |                   |              |            |                                                                                         |
| K-12-0437      | 206.00 | 207.97 |                   |              |            | Sd associated with mqtz? Some coarse disseminated py.                                   |
| K-12-0437      | 207.97 | 209.80 |                   |              |            |                                                                                         |
| K-12-0437      | 209.80 | 211.77 |                   |              |            |                                                                                         |
| K-12-0437      | 211.77 | 213.24 |                   |              |            |                                                                                         |
| K-12-0437      | 213.24 | 215.00 |                   |              |            | Poor recovery.                                                                          |
| K-12-0437      | 215.00 | 216.56 |                   |              |            |                                                                                         |
| K-12-0437      | 216.56 | 218.00 |                   |              |            | Small amount of disseminated sulphides.                                                 |
| K-12-0437      | 218.00 | 219.70 |                   |              |            |                                                                                         |
| K-12-0437      | 219.70 | 221.00 |                   |              |            |                                                                                         |
| K-12-0437      | 221.00 | 222.80 |                   |              |            |                                                                                         |
| K-12-0437      | 222.80 | 223.51 |                   |              |            | Some coarse disseminated py.                                                            |
| K-12-0437      | 223.51 | 225.10 |                   |              |            | Fault zone. Disseminated py.                                                            |
| K-12-0437      | 225.10 | 227.00 |                   |              |            |                                                                                         |
| K-12-0437      | 227.00 | 227.51 |                   |              |            |                                                                                         |
| K-12-0437      | 227.51 | 228.90 |                   |              |            |                                                                                         |
| K-12-0437      | 228.90 | 230.42 |                   |              |            | Some coarse disseminated py.                                                            |
| K-12-0437      | 230.42 | 232.42 |                   |              |            |                                                                                         |
| K-12-0437      | 232.42 | 234.30 |                   |              |            |                                                                                         |
| K-12-0437      | 234.30 | 236.00 | 0.25              |              |            | Cal associated with mqtz.                                                               |
| K-12-0437      | 236.00 | 237.77 |                   |              |            |                                                                                         |
| K-12-0437      | 237.77 | 239.68 |                   |              |            |                                                                                         |
| K-12-0437      | 239.68 | 241.66 |                   |              |            |                                                                                         |
| K-12-0437      | 241.66 | 243.27 |                   |              |            |                                                                                         |
| K-12-0437      | 243.27 | 245.00 |                   |              |            |                                                                                         |
| K-12-0437      | 245.00 | 246.96 |                   |              |            |                                                                                         |
| K-12-0437      | 246.96 | 248.59 |                   |              |            | Cal associated with mqtz.                                                               |
| K-12-0437      | 248.59 | 250.12 |                   |              |            | Zone with movement and faulting.                                                        |
| K-12-0437      | 250.12 | 251.95 |                   |              |            |                                                                                         |
| K-12-0437      | 251.95 | 253.64 |                   |              |            |                                                                                         |

## Mineralization

| Hole      | From m | To m   | Recovery m | O Limonite Int | O Manganese Int | O X Min | O X Min Pct | M Quartz | M X Min | M X Min Pct | M Y Min | M Y Min Pct | H Quartz | H Siderite | H Carbonate | H Pyrite |
|-----------|--------|--------|------------|----------------|-----------------|---------|-------------|----------|---------|-------------|---------|-------------|----------|------------|-------------|----------|
| K-12-0437 | 253.64 | 255.54 | 1.70       |                |                 |         |             | 2.50 py  |         | 0.75        |         |             |          |            | 0.25        |          |
| K-12-0437 | 255.54 | 257.85 | 1.90       |                |                 |         |             | py       |         | 0.50        |         |             |          |            | 0.25        |          |
| K-12-0437 | 257.85 | 260.00 | 1.80       |                |                 |         |             | py       |         | 0.75        |         |             |          |            |             |          |
| K-12-0437 | 260.00 | 261.98 | 1.95       |                |                 |         |             | 2.00 py  |         | 1.00        |         |             |          |            | 0.50        |          |
| K-12-0437 | 261.98 | 263.43 | 1.33       |                |                 |         |             | 2.00 py  |         | 1.00        |         |             |          |            | 0.50        |          |
| K-12-0437 | 263.43 | 264.40 | 0.97       |                |                 |         |             | 2.00 py  |         | 1.00        |         |             |          |            | 0.50        |          |
| K-12-0437 | 264.40 | 266.45 | 1.93       |                |                 |         |             | 2.00     |         |             |         |             |          |            | 0.50        |          |
| K-12-0437 | 266.45 | 268.38 | 1.93       |                |                 |         |             | 15.00 py |         | 2.00        |         |             |          |            | 2.00        |          |
| K-12-0437 | 268.38 | 270.14 | 1.71       |                |                 |         |             | 10.00 py |         | 2.00        |         |             |          |            | 2.00        |          |
| K-12-0437 | 270.14 | 272.22 | 2.00       |                |                 |         |             | 4.00 py  |         | 1.00        |         |             |          |            | 1.00        |          |
| K-12-0437 | 272.22 | 273.76 | 1.30       |                |                 |         |             | 5.00 py  |         | 2.00        |         |             |          |            | 1.00        |          |
| K-12-0437 | 273.76 | 275.00 | 1.24       |                |                 |         |             | 12.00 py |         | 1.00        |         |             |          |            | 2.00        |          |

## Mineralization

| Hole      | From m | To m   | H Pyrrhotite | H Galena | H Sphalerite | H Sulphosalt | H Arsenopyrite | H X Min | H X Min Pct | H Y Min | H Y Min Pct | D Pyrite | D Pyrrhotite | D Galena | D Sphalerite | D Arsenopyrite |
|-----------|--------|--------|--------------|----------|--------------|--------------|----------------|---------|-------------|---------|-------------|----------|--------------|----------|--------------|----------------|
| K-12-0437 | 253.64 | 255.54 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 255.54 | 257.85 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 257.85 | 260.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 260.00 | 261.98 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 261.98 | 263.43 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 263.43 | 264.40 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 264.40 | 266.45 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 266.45 | 268.38 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 268.38 | 270.14 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 270.14 | 272.22 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 272.22 | 273.76 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |
| K-12-0437 | 273.76 | 275.00 |              |          |              |              |                |         |             |         |             |          |              |          |              |                |

## Mineralization

| Hole      | From m | To m   | Vein Interval Pct | Vein Texture | Vein Stage | Comments                                                        |
|-----------|--------|--------|-------------------|--------------|------------|-----------------------------------------------------------------|
| K-12-0437 | 253.64 | 255.54 |                   |              |            |                                                                 |
| K-12-0437 | 255.54 | 257.85 |                   |              |            | Poor recovery due to fault.                                     |
| K-12-0437 | 257.85 | 260.00 |                   |              |            | Poor recovery.                                                  |
| K-12-0437 | 260.00 | 261.98 |                   |              |            |                                                                 |
| K-12-0437 | 261.98 | 263.43 |                   |              |            |                                                                 |
| K-12-0437 | 263.43 | 264.40 |                   |              |            |                                                                 |
| K-12-0437 | 264.40 | 266.45 |                   |              |            | Calcite associated with mqtz.                                   |
| K-12-0437 | 266.45 | 268.38 |                   |              |            | Calcite associated with mqtz.                                   |
| K-12-0437 | 268.38 | 270.14 |                   |              |            | Calcite associated with mqtz.                                   |
| K-12-0437 | 270.14 | 272.22 |                   |              |            | Calcite associated with mqtz.                                   |
| K-12-0437 | 272.22 | 273.76 |                   |              |            | Calcareous component (must likely not completely hydrothermal). |
| K-12-0437 | 273.76 | 275.00 |                   |              |            | Calcite associated with mqtz.                                   |

## Geotechnical

| Hole      | From m | To m   | Interval Length | Recovery m | Recovery Pct | RQD m | RQD Pct | Fabric Breaks | Fracture Count Vein | Joint Count | Num Joint Sets | Cemented Joint Vein Count | Joint Roughness |
|-----------|--------|--------|-----------------|------------|--------------|-------|---------|---------------|---------------------|-------------|----------------|---------------------------|-----------------|
| K-12-0437 | 0.00   | 6.46   | 6.46            |            |              |       |         |               |                     |             |                |                           |                 |
| K-12-0437 | 6.46   | 8.00   | 1.54            | 0.87       | 56.49        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 8.00   | 11.00  | 3.00            | 2.13       | 71.00        | 0.24  | 8.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 11.00  | 14.00  | 3.00            | 2.45       | 81.67        | 0.57  | 19.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 14.00  | 17.00  | 3.00            | 1.74       | 58.00        | 0.13  | 4.33    |               |                     |             |                |                           |                 |
| K-12-0437 | 17.00  | 20.00  | 3.00            | 2.57       | 85.67        | 0.88  | 29.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 20.00  | 23.00  | 3.00            | 1.82       | 60.67        | 0.39  | 13.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 23.00  | 26.00  | 3.00            | 2.46       | 82.00        | 0.21  | 7.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 26.00  | 29.00  | 3.00            | 1.65       | 55.00        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 29.00  | 32.00  | 3.00            | 2.18       | 72.67        | 0.52  | 17.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 32.00  | 35.00  | 3.00            | 2.66       | 88.67        | 0.87  | 29.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 35.00  | 38.00  | 3.00            | 2.77       | 92.33        | 1.37  | 45.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 38.00  | 41.00  | 3.00            | 2.66       | 88.67        | 1.04  | 34.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 41.00  | 44.00  | 3.00            | 2.26       | 75.33        | 0.89  | 29.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 44.00  | 47.00  | 3.00            | 2.39       | 79.67        | 0.22  | 7.33    |               |                     |             |                |                           |                 |
| K-12-0437 | 47.00  | 50.00  | 3.00            | 2.70       | 90.00        | 1.44  | 48.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 50.00  | 53.00  | 3.00            | 2.67       | 89.00        | 1.20  | 40.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 53.00  | 56.00  | 3.00            | 2.50       | 83.33        | 0.54  | 18.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 56.00  | 59.00  | 3.00            | 2.14       | 71.33        | 0.55  | 18.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 59.00  | 62.00  | 3.00            | 2.54       | 84.67        | 0.97  | 32.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 62.00  | 65.00  | 3.00            | 2.70       | 90.00        | 0.80  | 26.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 65.00  | 68.00  | 3.00            | 2.58       | 86.00        | 1.77  | 59.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 68.00  | 71.00  | 3.00            | 2.90       | 96.67        | 1.62  | 54.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 71.00  | 74.00  | 3.00            | 2.32       | 77.33        | 0.80  | 26.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 74.00  | 77.00  | 3.00            | 2.36       | 78.67        | 0.55  | 18.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 77.00  | 80.00  | 3.00            | 1.99       | 66.33        | 0.45  | 15.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 80.00  | 83.00  | 3.00            | 2.57       | 85.67        | 1.39  | 46.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 83.00  | 86.00  | 3.00            | 2.29       | 76.33        | 1.12  | 37.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 86.00  | 89.00  | 3.00            | 2.76       | 92.00        | 2.19  | 73.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 89.00  | 92.00  | 3.00            | 3.00       | 100.00       | 1.93  | 64.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 92.00  | 95.00  | 3.00            | 2.80       | 93.33        | 2.23  | 74.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 95.00  | 98.00  | 3.00            | 2.50       | 83.33        | 0.63  | 21.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 98.00  | 101.00 | 3.00            | 2.25       | 75.00        | 1.16  | 38.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 101.00 | 104.00 | 3.00            | 2.98       | 99.33        | 1.74  | 58.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 104.00 | 107.00 | 3.00            | 2.63       | 87.67        | 1.86  | 62.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 107.00 | 110.00 | 3.00            | 2.67       | 89.00        | 1.80  | 60.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 110.00 | 113.00 | 3.00            | 2.35       | 78.33        | 0.97  | 32.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 113.00 | 116.00 | 3.00            | 2.72       | 90.67        | 2.10  | 70.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 116.00 | 119.00 | 3.00            | 2.93       | 97.67        | 1.89  | 63.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 119.00 | 122.00 | 3.00            | 2.69       | 89.67        | 1.90  | 63.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 122.00 | 125.00 | 3.00            | 2.66       | 88.67        | 1.57  | 52.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 125.00 | 128.00 | 3.00            | 2.82       | 94.00        | 2.83  | 94.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 128.00 | 131.00 | 3.00            | 2.54       | 84.67        | 0.44  | 14.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 131.00 | 134.00 | 3.00            | 2.40       | 80.00        | 1.01  | 33.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 134.00 | 137.00 | 3.00            | 2.90       | 96.67        | 1.67  | 55.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 137.00 | 140.00 | 3.00            | 2.85       | 95.00        | 1.89  | 63.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 140.00 | 143.00 | 3.00            | 2.92       | 97.33        | 2.50  | 83.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 143.00 | 146.00 | 3.00            | 2.52       | 84.00        | 1.66  | 55.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 146.00 | 149.00 | 3.00            | 2.67       | 89.00        | 1.49  | 49.67   | 7.00          |                     |             |                |                           |                 |
| K-12-0437 | 149.00 | 152.00 | 3.00            | 2.50       | 83.33        | 0.80  | 26.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 152.00 | 155.00 | 3.00            | 2.70       | 90.00        | 1.40  | 46.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 155.00 | 158.00 | 3.00            | 2.83       | 94.33        | 1.83  | 61.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 158.00 | 161.00 | 3.00            | 2.80       | 93.33        | 1.25  | 41.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 161.00 | 164.00 | 3.00            | 2.30       | 76.67        | 1.92  | 64.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 164.00 | 167.00 | 3.00            | 3.00       | 100.00       | 1.41  | 47.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 167.00 | 170.00 | 3.00            | 2.54       | 84.67        | 0.50  | 16.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 170.00 | 173.00 | 3.00            | 2.65       | 88.33        | 1.20  | 40.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 173.00 | 176.00 | 3.00            | 2.65       | 88.33        | 1.15  | 38.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 176.00 | 179.00 | 3.00            | 2.78       | 92.67        | 1.47  | 49.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 179.00 | 182.00 | 3.00            | 2.77       | 92.33        | 1.31  | 43.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 182.00 | 185.00 | 3.00            | 2.53       | 84.33        | 0.99  | 33.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 185.00 | 188.00 | 3.00            | 2.95       | 98.33        | 0.40  | 13.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 188.00 | 191.00 | 3.00            | 2.51       | 83.67        | 0.94  | 31.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 191.00 | 194.00 | 3.00            | 2.48       | 82.67        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 194.00 | 197.00 | 3.00            | 2.26       | 75.33        | 1.25  | 41.67   |               |                     |             |                |                           |                 |

## Geotechnical

| Hole      | From_m | To_m   | Joint_Fill | Joint_Alteration | GSI | IRS_Strong | IRS_Weak | IRS_Category | IRS_Weak_Pct | Intercepted_Water_Flow | Comments                   |
|-----------|--------|--------|------------|------------------|-----|------------|----------|--------------|--------------|------------------------|----------------------------|
| K-12-0437 | 0.00   | 6.46   |            |                  |     |            |          |              |              |                        | ovb                        |
| K-12-0437 | 6.46   | 8.00   |            |                  |     |            |          |              |              |                        | rubble.cracks not counted. |
| K-12-0437 | 8.00   | 11.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 11.00  | 14.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 14.00  | 17.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 17.00  | 20.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 20.00  | 23.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 23.00  | 26.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 26.00  | 29.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 29.00  | 32.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 32.00  | 35.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 35.00  | 38.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 38.00  | 41.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 41.00  | 44.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 44.00  | 47.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 47.00  | 50.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 50.00  | 53.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 53.00  | 56.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 56.00  | 59.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 59.00  | 62.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 62.00  | 65.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 65.00  | 68.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 68.00  | 71.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 71.00  | 74.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 74.00  | 77.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 77.00  | 80.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 80.00  | 83.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 83.00  | 86.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 86.00  | 89.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 89.00  | 92.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 92.00  | 95.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 95.00  | 98.00  |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 98.00  | 101.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 101.00 | 104.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 104.00 | 107.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 107.00 | 110.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 110.00 | 113.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 113.00 | 116.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 116.00 | 119.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 119.00 | 122.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 122.00 | 125.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 125.00 | 128.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 128.00 | 131.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 131.00 | 134.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 134.00 | 137.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 137.00 | 140.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 140.00 | 143.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 143.00 | 146.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 146.00 | 149.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 149.00 | 152.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 152.00 | 155.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 155.00 | 158.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 158.00 | 161.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 161.00 | 164.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 164.00 | 167.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 167.00 | 170.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 170.00 | 173.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 173.00 | 176.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 176.00 | 179.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 179.00 | 182.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 182.00 | 185.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 185.00 | 188.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 188.00 | 191.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 191.00 | 194.00 |            |                  |     |            |          |              |              |                        |                            |
| K-12-0437 | 194.00 | 197.00 |            |                  |     |            |          |              |              |                        |                            |

## Geotechnical

| Hole      | From m | To m   | Interval Length | Recovery m | Recovery Pct | RQD m | RQD Pct | Fabric Breaks | Fracture Count Vein | Joint Count | Num Joint Sets | Cemented Joint Vein Count | Joint Roughness |
|-----------|--------|--------|-----------------|------------|--------------|-------|---------|---------------|---------------------|-------------|----------------|---------------------------|-----------------|
| K-12-0437 | 197.00 | 200.00 | 3.00            | 2.56       | 85.33        | 0.50  | 16.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 200.00 | 203.00 | 3.00            | 2.17       | 72.33        | 0.32  | 10.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 203.00 | 206.00 | 3.00            | 1.65       | 55.00        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 206.00 | 209.00 | 3.00            | 2.41       | 80.33        | 0.62  | 20.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 209.00 | 212.00 | 3.00            | 2.82       | 94.00        | 0.70  | 23.33   |               |                     |             |                |                           |                 |
| K-12-0437 | 212.00 | 215.00 | 3.00            | 1.44       | 48.00        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 215.00 | 218.00 | 3.00            | 2.18       | 72.67        | 0.20  | 6.67    |               |                     |             |                |                           |                 |
| K-12-0437 | 218.00 | 221.00 | 3.00            | 1.37       | 45.67        | 0.22  | 7.33    |               |                     |             |                |                           |                 |
| K-12-0437 | 221.00 | 224.00 | 3.00            | 1.48       | 49.33        | 0.00  | 0.00    |               |                     |             |                |                           |                 |
| K-12-0437 | 224.00 | 227.00 | 3.00            | 1.60       | 53.33        | 0.10  | 3.33    |               |                     |             |                |                           |                 |
| K-12-0437 | 227.00 | 230.00 | 3.00            | 1.88       | 62.67        | 0.56  | 18.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 230.00 | 233.00 | 3.00            | 2.80       | 93.33        | 1.05  | 35.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 233.00 | 236.00 | 3.00            | 2.93       | 97.67        | 2.24  | 74.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 236.00 | 239.00 | 3.00            | 2.39       | 79.67        | 1.97  | 65.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 239.00 | 242.00 | 3.00            | 3.10       | 103.33       | 1.67  | 55.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 242.00 | 245.00 | 3.00            | 3.00       | 100.00       | 1.94  | 64.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 245.00 | 248.00 | 3.00            | 2.87       | 95.67        | 1.79  | 59.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 248.00 | 251.00 | 3.00            | 2.39       | 79.67        | 0.10  | 3.33    |               |                     |             |                |                           |                 |
| K-12-0437 | 251.00 | 254.00 | 3.00            | 2.85       | 95.00        | 1.73  | 57.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 254.00 | 257.00 | 3.00            | 2.29       | 76.33        | 0.36  | 12.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 257.00 | 260.00 | 3.00            | 2.57       | 85.67        | 1.47  | 49.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 260.00 | 263.00 | 3.00            | 2.72       | 90.67        | 1.91  | 63.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 263.00 | 266.00 | 3.00            | 2.65       | 88.33        | 0.80  | 26.67   |               |                     |             |                |                           |                 |
| K-12-0437 | 266.00 | 269.00 | 3.00            | 2.73       | 91.00        | 0.36  | 12.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 269.00 | 272.00 | 3.00            | 2.79       | 93.00        | 0.39  | 13.00   |               |                     |             |                |                           |                 |
| K-12-0437 | 272.00 | 275.00 | 3.00            | 2.43       | 81.00        | 0.43  | 14.33   |               |                     |             |                |                           |                 |

## Geotechnical

| Hole      | From m | To m   | Joint Fill | Joint Alteration | GSI | IRS Strong | IRS Weak | IRS Category | IRS Weak Pct | Intercepted Water Flow | Comments |
|-----------|--------|--------|------------|------------------|-----|------------|----------|--------------|--------------|------------------------|----------|
| K-12-0437 | 197.00 | 200.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 200.00 | 203.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 203.00 | 206.00 |            |                  |     |            |          |              |              |                        | Block    |
| K-12-0437 | 206.00 | 209.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 209.00 | 212.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 212.00 | 215.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 215.00 | 218.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 218.00 | 221.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 221.00 | 224.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 224.00 | 227.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 227.00 | 230.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 230.00 | 233.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 233.00 | 236.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 236.00 | 239.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 239.00 | 242.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 242.00 | 245.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 245.00 | 248.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 248.00 | 251.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 251.00 | 254.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 254.00 | 257.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 257.00 | 260.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 260.00 | 263.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 263.00 | 266.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 266.00 | 269.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 269.00 | 272.00 |            |                  |     |            |          |              |              |                        |          |
| K-12-0437 | 272.00 | 275.00 |            |                  |     |            |          |              |              |                        |          |

## Specific Gravity

| Hole      | Depth_m | Wgt_Air | Wgt_H2O | SG_Calc | Length | Rock_Type | Comments         |
|-----------|---------|---------|---------|---------|--------|-----------|------------------|
| K-12-0437 | 8.43    | 1158.00 | 744.60  | 2.80    | 13.00  | QTZT      |                  |
| K-12-0437 | 18.01   | 1684.60 | 1095.10 | 2.86    | 19.00  | SSCH      |                  |
| K-12-0437 | 20.61   | 1134.40 | 702.90  | 2.63    | 14.00  | QTZT      |                  |
| K-12-0437 | 41.56   | 1406.40 | 873.30  | 2.64    | 17.00  | QTZT      |                  |
| K-12-0437 | 47.80   | 1471.20 | 948.20  | 2.81    | 15.00  | GNST      |                  |
| K-12-0437 | 67.10   | 1508.90 | 960.30  | 2.75    | 16.00  | SSCH      |                  |
| K-12-0437 | 70.20   | 1102.00 | 682.20  | 2.63    | 13.00  | QTZT      |                  |
| K-12-0437 | 99.68   | 1025.40 | 634.50  | 2.62    | 12.00  | QTZT      |                  |
| K-12-0437 | 105.65  | 815.80  | 497.90  | 2.57    | 10.00  | SSCH      |                  |
| K-12-0437 | 116.00  | 820.60  | 518.00  | 2.71    | 10.00  | SSCH      |                  |
| K-12-0437 | 125.00  | 1032.80 | 647.20  | 2.68    | 13.00  | GSCH      |                  |
| K-12-0437 | 137.72  | 899.70  | 564.70  | 2.69    | 11.00  | QTZT      |                  |
| K-12-0437 | 156.10  | 1259.10 | 784.20  | 2.65    | 15.00  | GSCH      | Gsch, qtzt mqtz. |
| K-12-0437 | 165.85  | 656.10  | 399.70  | 2.56    | 8.00   | GSCH      |                  |
| K-12-0437 | 170.00  | 766.30  | 496.50  | 2.84    | 10.00  | QTZT      |                  |
| K-12-0437 | 191.03  | 427.70  | 267.60  | 2.67    | 5.00   | GSCH      |                  |
| K-12-0437 | 207.97  | 788.60  | 505.30  | 2.78    | 9.00   | SSCH      |                  |
| K-12-0437 | 226.10  | 820.00  | 512.80  | 2.67    | 10.00  | SSCH      |                  |
| K-12-0437 | 234.30  | 1292.60 | 815.90  | 2.71    | 15.00  | SSCH      | mqtz             |
| K-12-0437 | 255.54  | 1190.00 | 760.60  | 2.77    | 133.00 | GSCH      |                  |
| K-12-0437 | 270.14  | 525.90  | 328.50  | 2.66    | 7.00   | GSCH      |                  |

## Drill Hole Assays

| Hole      | DHSample | From m | To m  | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm | Ag AA ppm | Ag ICP ppm |
|-----------|----------|--------|-------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|------------|
| K-12-0437 | M375462  | 6.00   | 6.58  | HCORE         | FALSE     |                | -0.01       | 1.00        | 14.00       | 101.00      | -0.01     |            |           |           | 1.00       |
| K-12-0437 | M375463  | 6.58   | 8.45  | HCORE         | FALSE     |                | -0.01       | 0.80        | 2.00        | 129.00      | -0.01     |            |           |           | 0.80       |
| K-12-0437 | M375464  | 8.45   | 10.31 | HCORE         | FALSE     |                | -0.01       | 0.50        | 2.00        | 42.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375465  | 10.31  | 10.63 | HCORE         | FALSE     |                | -0.01       | 0.80        | 13.00       | 58.00       | -0.01     |            |           |           | 0.80       |
| K-12-0437 | M375466  | 10.63  | 11.28 | HCORE         | FALSE     |                | -0.01       | 0.60        | 11.00       | 54.00       | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375467  | 11.28  | 12.30 | HCORE         | FALSE     |                | -0.01       | -0.50       | 26.00       | 33.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375469  | 12.30  | 12.98 | HCORE         | FALSE     |                | -0.01       | 0.50        | 4.00        | 100.00      | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375470  | 12.98  | 14.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 4.00        | 32.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375471  | 14.00  | 15.66 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 19.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375473  | 15.66  | 16.76 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 57.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375474  | 16.76  | 17.87 | HCORE         | TRUE      |                | -0.01       | -0.50       | -2.00       | 82.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375475  | 16.76  | 17.87 | DUP           | FALSE     | M375474        | -0.01       | -0.50       | 3.00        | 84.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375476  | 17.87  | 19.26 | HCORE         | FALSE     |                | -0.01       | 0.60        | -2.00       | 141.00      | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375477  | 19.26  | 20.61 | HCORE         | FALSE     |                | -0.01       | -0.50       | 2.00        | 47.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375478  | 20.61  | 22.34 | HCORE         | FALSE     |                | 0.11        | -0.50       | 5.00        | 92.00       | 0.11      |            |           |           | -0.50      |
| K-12-0437 | M375479  | 22.34  | 24.22 | HCORE         | FALSE     |                | -0.01       | 1.30        | 101.00      | 298.00      | -0.01     |            |           |           | 1.30       |
| K-12-0437 | M375480  | 24.22  | 25.46 | HCORE         | FALSE     |                | -0.01       | 2.10        | 222.00      | 688.00      | -0.01     |            |           |           | 2.10       |
| K-12-0437 | M375481  | 25.46  | 26.76 | HCORE         | FALSE     |                | -0.01       | 17.20       | 224.00      | 540.00      | -0.01     |            |           |           | 17.20      |
| K-12-0437 | M375482  | 26.76  | 27.40 | HCORE         | FALSE     |                | -0.01       | 2.40        | 112.00      | 240.00      | -0.01     |            |           |           | 2.40       |
| K-12-0437 | M375483  | 27.40  | 28.10 | HCORE         | FALSE     |                | -0.01       | -0.50       | 19.00       | 64.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375484  | 28.10  | 29.80 | HCORE         | FALSE     |                | -0.01       | 0.50        | 31.00       | 88.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375486  | 29.80  | 31.80 | HCORE         | FALSE     |                | -0.01       | 0.90        | 29.00       | 55.00       | -0.01     |            |           |           | 0.90       |
| K-12-0437 | M375487  | 31.80  | 32.65 | HCORE         | FALSE     |                | -0.01       | 0.50        | 17.00       | 74.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375488  | 32.65  | 34.57 | HCORE         | TRUE      |                | -0.01       | 0.50        | 43.00       | 190.00      | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375489  | 34.57  | 36.21 | DUP           | FALSE     | M375488        | -0.01       | 0.60        | 37.00       | 191.00      | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375490  | 34.57  | 36.21 | HCORE         | FALSE     |                | 0.01        | 0.80        | 92.00       | 235.00      | 0.01      |            |           |           | 0.80       |
| K-12-0437 | M375491  | 36.21  | 38.00 | HCORE         | FALSE     |                | 0.06        | 0.60        | 116.00      | 422.00      | 0.06      |            |           |           | 0.60       |
| K-12-0437 | M375493  | 38.00  | 39.90 | HCORE         | FALSE     |                | -0.01       | 0.80        | 183.00      | 496.00      | -0.01     |            |           |           | 0.80       |
| K-12-0437 | M375494  | 39.90  | 40.73 | HCORE         | FALSE     |                | -0.01       | 2.00        | 864.00      | 2360.00     | -0.01     |            |           |           | 2.00       |
| K-12-0437 | M375495  | 40.73  | 41.50 | HCORE         | FALSE     |                | -0.01       | 0.60        | 62.00       | 279.00      | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375496  | 41.50  | 42.93 | HCORE         | FALSE     |                | -0.01       | 1.10        | 80.00       | 167.00      | -0.01     |            |           |           | 1.10       |
| K-12-0437 | M375497  | 42.93  | 44.42 | HCORE         | FALSE     |                | -0.01       | 1.80        | 147.00      | 251.00      | -0.01     |            |           |           | 1.80       |
| K-12-0437 | M375498  | 44.42  | 45.81 | HCORE         | FALSE     |                | -0.01       | 1.10        | 95.00       | 328.00      | -0.01     |            |           |           | 1.10       |
| K-12-0437 | M375499  | 45.81  | 46.58 | HCORE         | FALSE     |                | -0.01       | 1.60        | 354.00      | 363.00      | -0.01     |            |           |           | 1.60       |
| K-12-0437 | M375500  | 46.58  | 47.80 | HCORE         | FALSE     |                | -0.01       | 0.90        | 41.00       | 796.00      | -0.01     |            |           |           | 0.90       |
| K-12-0437 | M375501  | 47.80  | 49.20 | HCORE         | FALSE     |                | -0.01       | -0.50       | 22.00       | 757.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375502  | 49.20  | 50.94 | HCORE         | FALSE     |                | -0.01       | 2.90        | 651.00      | 1225.00     | -0.01     |            |           |           | 2.90       |
| K-12-0437 | M375503  | 50.94  | 52.47 | HCORE         | FALSE     |                | -0.01       | 0.60        | 41.00       | 529.00      | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375504  | 52.47  | 53.56 | HCORE         | FALSE     |                | -0.01       | 0.70        | 53.00       | 321.00      | -0.01     |            |           |           | 0.70       |
| K-12-0437 | M375506  | 53.56  | 54.31 | HCORE         | FALSE     |                | 0.02        | 4.20        | 151.00      | 385.00      | 0.02      |            |           |           | 4.20       |
| K-12-0437 | M375507  | 54.31  | 54.77 | HCORE         | FALSE     |                | -0.01       | 4.50        | 282.00      | 955.00      | -0.01     |            |           |           | 4.50       |
| K-12-0437 | M375508  | 54.77  | 56.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 50.00       | 232.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375509  | 56.00  | 57.28 | HCORE         | FALSE     |                | -0.01       | -0.50       | 21.00       | 126.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375510  | 57.28  | 58.58 | HCORE         | FALSE     |                | -0.01       | -0.50       | 12.00       | 194.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375511  | 58.58  | 59.44 | HCORE         | TRUE      |                | -0.01       | -0.50       | 12.00       | 93.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375512  | 58.58  | 59.44 | DUP           | FALSE     | M375511        | -0.01       | -0.50       | 13.00       | 91.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375513  | 59.44  | 61.31 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 39.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375514  | 61.31  | 62.00 | HCORE         | FALSE     |                | -0.01       | 1.90        | 6.00        | 32.00       | -0.01     |            |           |           | 1.90       |
| K-12-0437 | M375515  | 62.00  | 62.87 | HCORE         | FALSE     |                | -0.01       | 0.60        | 10.00       | 51.00       | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375516  | 62.87  | 64.29 | HCORE         | FALSE     |                | -0.01       | -0.50       | 9.00        | 67.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375518  | 64.29  | 65.38 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 71.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375519  | 65.38  | 67.10 | HCORE         | FALSE     |                | -0.01       | -0.50       | 10.00       | 53.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375520  | 67.10  | 67.64 | HCORE         | FALSE     |                | -0.01       | 0.50        | 19.00       | 117.00      | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375521  | 67.64  | 69.25 | HCORE         | FALSE     |                | 0.02        | 0.80        | 30.00       | 107.00      | 0.02      |            |           |           | 0.80       |
| K-12-0437 | M375522  | 69.25  | 70.46 | HCORE         | FALSE     |                | -0.01       | 0.60        | 19.00       | 74.00       | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375523  | 70.46  | 71.85 | HCORE         | FALSE     |                | 0.01        | 18.50       | 118.00      | 166.00      | 0.01      |            |           |           | 18.50      |
| K-12-0437 | M375524  | 71.85  | 73.21 | HCORE         | FALSE     |                | -0.01       | 1.20        | 84.00       | 117.00      | -0.01     |            |           |           | 1.20       |
| K-12-0437 | M375525  | 73.21  | 74.00 | HCORE         | FALSE     |                | -0.01       | 0.90        | 85.00       | 161.00      | -0.01     |            |           |           | 0.90       |
| K-12-0437 | M375526  | 74.00  | 75.90 | HCORE         | FALSE     |                | -0.01       | 1.60        | 171.00      | 649.00      | -0.01     |            |           |           | 1.60       |
| K-12-0437 | M375527  | 75.90  | 77.00 | HCORE         | FALSE     |                | -0.01       | 2.60        | 526.00      | 414.00      | -0.01     |            |           |           | 2.60       |
| K-12-0437 | M375529  | 77.00  | 78.27 | HCORE         | FALSE     |                | -0.01       | 2.10        | 109.00      | 220.00      | -0.01     |            |           |           | 2.10       |
| K-12-0437 | M375530  | 78.27  | 79.21 | HCORE         | TRUE      |                | -0.01       | 7.90        | 486.00      | 1095.00     | -0.01     |            |           |           | 7.90       |
| K-12-0437 | M375531  | 78.27  | 79.21 | DUP           | FALSE     | M375530        | -0.01       | 5.80        | 379.00      | 915.00      | -0.01     |            |           |           | 5.80       |
| K-12-0437 | M375532  | 79.21  | 79.55 | HCORE         | FALSE     |                | -0.01       | -0.50       | 30.00       | 1855.00     | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375533  | 79.55  | 80.39 | HCORE         | FALSE     |                | -0.01       | 3.50        | 316.00      | 914.00      | -0.01     |            |           |           | 3.50       |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m  | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct |
|-----------|-----------|--------|-------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
| K-12-0437 | M375462   | 6.00   | 6.58  |           |            | 14.00      |           | 101.00     |           | 3.97       | 13.00      |           | 330.00     | -0.50      | -2.00      | 2.46       |
| K-12-0437 | M375463   | 6.58   | 8.45  |           |            | 2.00       |           | 129.00     |           | 8.19       | 18.00      |           | 120.00     | 0.50       | -2.00      | 5.18       |
| K-12-0437 | M375464   | 8.45   | 10.31 |           |            | 2.00       |           | 42.00      |           | 3.78       | 7.00       |           | 1050.00    | 0.80       | -2.00      | 0.98       |
| K-12-0437 | M375465   | 10.31  | 10.63 |           |            | 13.00      |           | 58.00      |           | 9.94       | 10.00      |           | 2200.00    | 3.10       | -2.00      | 0.32       |
| K-12-0437 | M375466   | 10.63  | 11.28 |           |            | 11.00      |           | 54.00      |           | 5.61       | 19.00      |           | 1120.00    | 1.30       | -2.00      | 0.18       |
| K-12-0437 | M375467   | 11.28  | 12.30 |           |            | 26.00      |           | 33.00      |           | 2.61       | 15.00      |           | 440.00     | 0.80       | -2.00      | 0.07       |
| K-12-0437 | M375469   | 12.30  | 12.98 |           |            | 4.00       |           | 100.00     |           | 6.35       | 14.00      |           | 1210.00    | 1.70       | -2.00      | 0.24       |
| K-12-0437 | M375470   | 12.98  | 14.00 |           |            | 4.00       |           | 32.00      |           | 0.99       | 11.00      |           | 170.00     | -0.50      | -2.00      | 0.05       |
| K-12-0437 | M375471   | 14.00  | 15.66 |           |            | 6.00       |           | 19.00      |           | 0.56       | 11.00      |           | 120.00     | -0.50      | -2.00      | 0.02       |
| K-12-0437 | M375473   | 15.66  | 16.76 |           |            | 8.00       |           | 57.00      |           | 10.35      | 10.00      |           | 1840.00    | 4.30       | -2.00      | 0.26       |
| K-12-0437 | M375474   | 16.76  | 17.87 |           |            | -2.00      |           | 82.00      |           | 5.49       | 25.00      |           | 100.00     | -0.50      | -2.00      | 4.14       |
| K-12-0437 | M375475   | 16.76  | 17.87 |           |            | 3.00       |           | 84.00      |           | 5.59       | 32.00      |           | 110.00     | -0.50      | -2.00      | 4.30       |
| K-12-0437 | M375476   | 17.87  | 19.26 |           |            | -2.00      |           | 141.00     |           | 7.67       | 26.00      |           | 170.00     | 0.50       | -2.00      | 6.26       |
| K-12-0437 | M375477   | 19.26  | 20.61 |           |            | 2.00       |           | 47.00      |           | 4.52       | 12.00      |           | 1080.00    | 1.10       | -2.00      | 0.15       |
| K-12-0437 | M375478   | 20.61  | 22.34 |           |            | 5.00       |           | 92.00      |           | 2.56       | 11.00      |           | 640.00     | 0.60       | -2.00      | 0.07       |
| K-12-0437 | M375479   | 22.34  | 24.22 |           |            | 101.00     |           | 298.00     |           | 1.45       | 16.00      |           | 320.00     | -0.50      | -2.00      | 0.35       |
| K-12-0437 | M375480   | 24.22  | 25.46 |           |            | 222.00     |           | 688.00     |           | 1.82       | 39.00      |           | 380.00     | 0.60       | -2.00      | 0.11       |
| K-12-0437 | M375481   | 25.46  | 26.76 |           |            | 224.00     |           | 540.00     |           | 1.37       | 33.00      |           | 280.00     | -0.50      | -2.00      | 0.07       |
| K-12-0437 | M375482   | 26.76  | 27.40 |           |            | 112.00     |           | 240.00     |           | 1.70       | 21.00      |           | 230.00     | -0.50      | -2.00      | 0.16       |
| K-12-0437 | M375483   | 27.40  | 28.10 |           |            | 19.00      |           | 64.00      |           | 0.59       | 16.00      |           | 50.00      | -0.50      | -2.00      | 0.03       |
| K-12-0437 | M375484   | 28.10  | 29.80 |           |            | 31.00      |           | 88.00      |           | 5.09       | 18.00      |           | 900.00     | 1.40       | -2.00      | 0.11       |
| K-12-0437 | M375486   | 29.80  | 31.80 |           |            | 29.00      |           | 55.00      |           | 8.35       | 22.00      |           | 1490.00    | 2.40       | -2.00      | 0.18       |
| K-12-0437 | M375487   | 31.80  | 32.65 |           |            | 17.00      |           | 74.00      |           | 7.01       | 13.00      |           | 1380.00    | 1.70       | -2.00      | 0.12       |
| K-12-0437 | M375488   | 32.65  | 34.57 |           |            | 43.00      |           | 190.00     |           | 5.26       | 10.00      |           | 1300.00    | 1.20       | -2.00      | 0.23       |
| K-12-0437 | M375489   | 32.65  | 34.57 |           |            | 37.00      |           | 191.00     |           | 5.32       | 18.00      |           | 1320.00    | 1.20       | -2.00      | 0.24       |
| K-12-0437 | M375490   | 34.57  | 36.21 |           |            | 92.00      |           | 235.00     |           | 1.94       | 13.00      |           | 390.00     | 0.50       | -2.00      | 0.07       |
| K-12-0437 | M375491   | 36.21  | 38.00 |           |            | 116.00     |           | 422.00     |           | 2.91       | 22.00      |           | 580.00     | 0.80       | -2.00      | 0.19       |
| K-12-0437 | M375493   | 38.00  | 39.90 |           |            | 183.00     |           | 496.00     |           | 1.49       | 17.00      |           | 310.00     | 0.50       | -2.00      | 0.22       |
| K-12-0437 | M375494   | 39.90  | 40.73 |           |            | 864.00     |           | 2360.00    |           | 0.77       | 21.00      |           | 210.00     | -0.50      | -2.00      | 0.15       |
| K-12-0437 | M375495   | 40.73  | 41.50 |           |            | 62.00      |           | 279.00     |           | 5.69       | 30.00      |           | 1000.00    | 1.80       | -2.00      | 0.14       |
| K-12-0437 | M375496   | 41.50  | 42.93 |           |            | 80.00      |           | 167.00     |           | 2.85       | 29.00      |           | 570.00     | 0.70       | -2.00      | 0.07       |
| K-12-0437 | M375497   | 42.93  | 44.42 |           |            | 147.00     |           | 251.00     |           | 1.90       | 30.00      |           | 370.00     | 0.50       | -2.00      | 0.09       |
| K-12-0437 | M375498   | 44.42  | 45.81 |           |            | 95.00      |           | 328.00     |           | 2.73       | 38.00      |           | 540.00     | 0.60       | -2.00      | 0.08       |
| K-12-0437 | M375499   | 45.81  | 46.58 |           |            | 354.00     |           | 363.00     |           | 4.14       | 30.00      |           | 1050.00    | 1.20       | -2.00      | 0.13       |
| K-12-0437 | M375500   | 46.58  | 47.80 |           |            | 41.00      |           | 796.00     |           | 7.89       | 24.00      |           | 130.00     | 1.00       | -2.00      | 4.03       |
| K-12-0437 | M375501   | 47.80  | 49.20 |           |            | 22.00      |           | 757.00     |           | 7.41       | 11.00      |           | 1250.00    | 1.00       | -2.00      | 5.77       |
| K-12-0437 | M375502   | 49.20  | 50.94 |           |            | 651.00     |           | 1225.00    |           | 6.68       | 30.00      |           | 430.00     | 2.00       | -2.00      | 1.89       |
| K-12-0437 | M375503   | 50.94  | 52.47 |           |            | 41.00      |           | 529.00     |           | 7.71       | 123.00     |           | 470.00     | 1.00       | -2.00      | 5.71       |
| K-12-0437 | M375504   | 52.47  | 53.56 |           |            | 53.00      |           | 321.00     |           | 0.39       | 191.00     |           | 120.00     | -0.50      | -2.00      | 0.13       |
| K-12-0437 | M375506   | 53.56  | 54.31 |           |            | 151.00     |           | 385.00     |           | 2.47       | 392.00     |           | 510.00     | 0.70       | -2.00      | 0.09       |
| K-12-0437 | M375507   | 54.31  | 54.77 |           |            | 282.00     |           | 955.00     |           | 10.45      | 1460.00    |           | 1640.00    | 3.00       | -2.00      | 0.31       |
| K-12-0437 | M375508   | 54.77  | 56.00 |           |            | 50.00      |           | 232.00     |           | 2.33       | 53.00      |           | 390.00     | 0.60       | -2.00      | 0.11       |
| K-12-0437 | M375509   | 56.00  | 57.28 |           |            | 21.00      |           | 126.00     |           | 1.26       | 37.00      |           | 250.00     | -0.50      | -2.00      | 0.08       |
| K-12-0437 | M375510   | 57.28  | 58.58 |           |            | 12.00      |           | 194.00     |           | 2.24       | 26.00      |           | 390.00     | 0.80       | -2.00      | 0.13       |
| K-12-0437 | M375511   | 58.58  | 59.44 |           |            | 12.00      |           | 93.00      |           | 2.45       | 18.00      |           | 470.00     | 0.70       | -2.00      | 0.13       |
| K-12-0437 | M375512   | 58.58  | 59.44 |           |            | 13.00      |           | 91.00      |           | 2.39       | 23.00      |           | 470.00     | 0.70       | -2.00      | 0.13       |
| K-12-0437 | M375513   | 59.44  | 61.31 |           |            | 6.00       |           | 39.00      |           | 2.38       | 23.00      |           | 500.00     | 0.70       | -2.00      | 0.27       |
| K-12-0437 | M375514   | 61.31  | 62.00 |           |            | 6.00       |           | 32.00      |           | 1.30       | 11.00      |           | 270.00     | -0.50      | -2.00      | 0.07       |
| K-12-0437 | M375515   | 62.00  | 62.87 |           |            | 10.00      |           | 51.00      |           | 1.95       | 19.00      |           | 360.00     | 0.50       | -2.00      | 0.68       |
| K-12-0437 | M375516   | 62.87  | 64.29 |           |            | 9.00       |           | 67.00      |           | 4.61       | 20.00      |           | 790.00     | 1.40       | -2.00      | 0.13       |
| K-12-0437 | M375518   | 64.29  | 65.38 |           |            | 8.00       |           | 71.00      |           | 5.54       | 15.00      |           | 930.00     | 1.40       | -2.00      | 0.65       |
| K-12-0437 | M375519   | 65.38  | 67.10 |           |            | 10.00      |           | 53.00      |           | 5.26       | 19.00      |           | 780.00     | 1.40       | -2.00      | 1.18       |
| K-12-0437 | M375520   | 67.10  | 67.64 |           |            | 19.00      |           | 117.00     |           | 8.01       | 37.00      |           | 820.00     | 1.30       | -2.00      | 4.21       |
| K-12-0437 | M375521   | 67.64  | 69.25 |           |            | 30.00      |           | 107.00     |           | 7.25       | 22.00      |           | 1580.00    | 2.10       | -2.00      | 0.70       |
| K-12-0437 | M375522   | 69.25  | 70.46 |           |            | 19.00      |           | 74.00      |           | 2.53       | 17.00      |           | 580.00     | 0.60       | -2.00      | 1.17       |
| K-12-0437 | M375523   | 70.46  | 71.85 |           |            | 118.00     |           | 166.00     |           | 1.56       | 77.00      |           | 380.00     | -0.50      | -2.00      | 0.25       |
| K-12-0437 | M375524   | 71.85  | 73.21 |           |            | 84.00      |           | 117.00     |           | 1.05       | 16.00      |           | 230.00     | -0.50      | -2.00      | 0.39       |
| K-12-0437 | M375525   | 73.21  | 74.00 |           |            | 85.00      |           | 161.00     |           | 0.70       | 41.00      |           | 140.00     | -0.50      | -2.00      | 0.13       |
| K-12-0437 | M375526   | 74.00  | 75.90 |           |            | 171.00     |           | 649.00     |           | 2.93       | 21.00      |           | 590.00     | 0.80       | -2.00      | 0.43       |
| K-12-0437 | M375527   | 75.90  | 77.00 |           |            | 526.00     |           | 414.00     |           | 1.83       | 14.00      |           | 420.00     | 0.60       | -2.00      | 0.08       |
| K-12-0437 | M375529   | 77.00  | 78.27 |           |            | 109.00     |           | 220.00     |           | 1.49       | 14.00      |           | 480.00     | -0.50      | -2.00      | 0.07       |
| K-12-0437 | M375530   | 78.27  | 79.21 |           |            | 486.00     |           | 1095.00    |           | 0.84       | 67.00      |           | 270.00     | -0.50      | -2.00      | 0.07       |
| K-12-0437 | M375531   | 78.27  | 79.21 |           |            | 379.00     |           | 915.00     |           | 0.89       | 60.00      |           | 300.00     | -0.50      | -2.00      | 0.07       |
| K-12-0437 | M375532   | 79.21  | 79.55 |           |            | 30.00      |           | 1855.00    |           | 0.78       | 193.00     |           | 260.00     | -0.50      | -2.00      | 0.20       |
| K-12-0437 | M375533   | 79.55  | 80.39 |           |            | 316.00     |           | 914.00     |           | 1.33       | 228.00     |           | 280.00     | -0.50      | -2.00      | 0.11       |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m  | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm | Cu OL pct | Fe ICP pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm |
|-----------|-----------|--------|-------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0437 | M375462   | 6.00   | 6.58  | 0.90       |           |            | 17.00      | 91.00      |            | 57.00      |           | 4.27       | 10.00      |            |            |            |
| K-12-0437 | M375463   | 6.58   | 8.45  | -0.50      |           |            | 36.00      | 197.00     |            | 150.00     |           | 8.59       | 20.00      |            |            |            |
| K-12-0437 | M375464   | 8.45   | 10.31 | -0.50      |           |            | 5.00       | 85.00      |            | 23.00      |           | 2.51       | 10.00      |            |            |            |
| K-12-0437 | M375465   | 10.31  | 10.63 | -0.50      |           |            | 4.00       | 162.00     |            | 23.00      |           | 3.19       | 20.00      |            |            |            |
| K-12-0437 | M375466   | 10.63  | 11.28 | -0.50      |           |            | 3.00       | 83.00      |            | 11.00      |           | 2.09       | 10.00      |            |            |            |
| K-12-0437 | M375467   | 11.28  | 12.30 | -0.50      |           |            | -1.00      | 57.00      |            | 9.00       |           | 1.36       | 10.00      |            |            |            |
| K-12-0437 | M375469   | 12.30  | 12.98 | -0.50      |           |            | 8.00       | 104.00     |            | 23.00      |           | 2.08       | 20.00      |            |            |            |
| K-12-0437 | M375470   | 12.98  | 14.00 | -0.50      |           |            | 1.00       | 47.00      |            | 8.00       |           | 0.58       | -10.00     |            |            |            |
| K-12-0437 | M375471   | 14.00  | 15.66 | -0.50      |           |            | -1.00      | 34.00      |            | 7.00       |           | 0.46       | -10.00     |            |            |            |
| K-12-0437 | M375473   | 15.66  | 16.76 | -0.50      |           |            | 3.00       | 159.00     |            | 18.00      |           | 2.22       | 20.00      |            |            |            |
| K-12-0437 | M375474   | 16.76  | 17.87 | -0.50      |           |            | 23.00      | 119.00     |            | 121.00     |           | 5.80       | 10.00      |            |            |            |
| K-12-0437 | M375475   | 16.76  | 17.87 | -0.50      |           |            | 23.00      | 123.00     |            | 124.00     |           | 5.95       | 20.00      |            |            |            |
| K-12-0437 | M375476   | 17.87  | 19.26 | -0.50      |           |            | 36.00      | 159.00     |            | 157.00     |           | 7.73       | 20.00      |            |            |            |
| K-12-0437 | M375477   | 19.26  | 20.61 | -0.50      |           |            | 2.00       | 75.00      |            | 20.00      |           | 1.96       | 10.00      |            |            |            |
| K-12-0437 | M375478   | 20.61  | 22.34 | 0.70       |           |            | 3.00       | 50.00      |            | 20.00      |           | 1.13       | 10.00      |            |            |            |
| K-12-0437 | M375479   | 22.34  | 24.22 | 2.70       |           |            | 4.00       | 44.00      |            | 30.00      |           | 1.00       | -10.00     |            |            |            |
| K-12-0437 | M375480   | 24.22  | 25.46 | 6.10       |           |            | 5.00       | 42.00      |            | 35.00      |           | 1.90       | -10.00     |            |            |            |
| K-12-0437 | M375481   | 25.46  | 26.76 | 6.00       |           |            | 4.00       | 38.00      |            | 79.00      |           | 1.68       | -10.00     |            |            |            |
| K-12-0437 | M375482   | 26.76  | 27.40 | 0.70       |           |            | 1.00       | 40.00      |            | 17.00      |           | 1.16       | -10.00     |            |            |            |
| K-12-0437 | M375483   | 27.40  | 28.10 | 0.50       |           |            | 1.00       | 30.00      |            | 5.00       |           | 0.56       | -10.00     |            |            |            |
| K-12-0437 | M375484   | 28.10  | 29.80 | 0.60       |           |            | 1.00       | 89.00      |            | 12.00      |           | 2.02       | 10.00      |            |            |            |
| K-12-0437 | M375486   | 29.80  | 31.80 | -0.50      |           |            | 2.00       | 125.00     |            | 17.00      |           | 2.84       | 20.00      |            |            |            |
| K-12-0437 | M375487   | 31.80  | 32.65 | -0.50      |           |            | 2.00       | 104.00     |            | 24.00      |           | 2.83       | 20.00      |            |            |            |
| K-12-0437 | M375488   | 32.65  | 34.57 | 1.50       |           |            | 8.00       | 89.00      |            | 47.00      |           | 2.05       | 10.00      |            |            |            |
| K-12-0437 | M375489   | 32.65  | 34.57 | 1.50       |           |            | 8.00       | 87.00      |            | 46.00      |           | 2.06       | 10.00      |            |            |            |
| K-12-0437 | M375490   | 34.57  | 36.21 | 2.40       |           |            | 2.00       | 50.00      |            | 10.00      |           | 1.18       | -10.00     |            |            |            |
| K-12-0437 | M375491   | 36.21  | 38.00 | 4.40       |           |            | 3.00       | 59.00      |            | 8.00       |           | 1.88       | 10.00      |            |            |            |
| K-12-0437 | M375493   | 38.00  | 39.90 | 5.90       |           |            | 2.00       | 46.00      |            | 4.00       |           | 1.92       | -10.00     |            |            |            |
| K-12-0437 | M375494   | 39.90  | 40.73 | 24.40      |           |            | 6.00       | 30.00      |            | 4.00       |           | 3.56       | -10.00     |            |            |            |
| K-12-0437 | M375495   | 40.73  | 41.50 | 1.10       |           |            | 6.00       | 93.00      |            | 21.00      |           | 2.85       | 10.00      |            |            |            |
| K-12-0437 | M375496   | 41.50  | 42.93 | 2.60       |           |            | 4.00       | 61.00      |            | 11.00      |           | 1.48       | 10.00      |            |            |            |
| K-12-0437 | M375497   | 42.93  | 44.42 | 2.50       |           |            | 2.00       | 46.00      |            | 4.00       |           | 3.98       | -10.00     |            |            |            |
| K-12-0437 | M375498   | 44.42  | 45.81 | 2.80       |           |            | 3.00       | 59.00      |            | 4.00       |           | 2.13       | 10.00      |            |            |            |
| K-12-0437 | M375499   | 45.81  | 46.58 | 4.40       |           |            | 3.00       | 75.00      |            | 9.00       |           | 1.32       | 10.00      |            |            |            |
| K-12-0437 | M375500   | 46.58  | 47.80 | 4.00       |           |            | 49.00      | 52.00      |            | 186.00     |           | 10.00      | 20.00      |            |            |            |
| K-12-0437 | M375501   | 47.80  | 49.20 | 3.50       |           |            | 51.00      | 11.00      |            | 233.00     |           | 11.70      | 20.00      |            |            |            |
| K-12-0437 | M375502   | 49.20  | 50.94 | 10.00      |           |            | 49.00      | 7.00       |            | 234.00     |           | 13.10      | 20.00      |            |            |            |
| K-12-0437 | M375503   | 50.94  | 52.47 | 2.60       |           |            | 40.00      | 77.00      |            | 205.00     |           | 9.72       | 20.00      |            |            |            |
| K-12-0437 | M375504   | 52.47  | 53.56 | 2.90       |           |            | 3.00       | 35.00      |            | 7.00       |           | 2.06       | -10.00     |            |            |            |
| K-12-0437 | M375506   | 53.56  | 54.31 | 3.60       |           |            | 5.00       | 57.00      |            | 13.00      |           | 2.59       | 10.00      |            |            |            |
| K-12-0437 | M375507   | 54.31  | 54.77 | 11.00      |           |            | 30.00      | 117.00     |            | 24.00      |           | 4.62       | 30.00      |            |            |            |
| K-12-0437 | M375508   | 54.77  | 56.00 | 2.30       |           |            | 4.00       | 57.00      |            | 9.00       |           | 1.47       | 10.00      |            |            |            |
| K-12-0437 | M375509   | 56.00  | 57.28 | 2.10       |           |            | 2.00       | 44.00      |            | 4.00       |           | 0.99       | -10.00     |            |            |            |
| K-12-0437 | M375510   | 57.28  | 58.58 | 1.70       |           |            | 7.00       | 51.00      |            | 8.00       |           | 1.46       | 10.00      |            |            |            |
| K-12-0437 | M375511   | 58.58  | 59.44 | 0.50       |           |            | 7.00       | 55.00      |            | 7.00       |           | 1.33       | 10.00      |            |            |            |
| K-12-0437 | M375512   | 58.58  | 59.44 | -0.50      |           |            | 7.00       | 55.00      |            | 7.00       |           | 1.27       | 10.00      |            |            |            |
| K-12-0437 | M375513   | 59.44  | 61.31 | -0.50      |           |            | 3.00       | 64.00      |            | 7.00       |           | 1.19       | 10.00      |            |            |            |
| K-12-0437 | M375514   | 61.31  | 62.00 | -0.50      |           |            | 1.00       | 47.00      |            | 8.00       |           | 0.92       | -10.00     |            |            |            |
| K-12-0437 | M375515   | 62.00  | 62.87 | -0.50      |           |            | 3.00       | 49.00      |            | 8.00       |           | 1.42       | 10.00      |            |            |            |
| K-12-0437 | M375516   | 62.87  | 64.29 | -0.50      |           |            | 4.00       | 84.00      |            | 18.00      |           | 2.34       | 10.00      |            |            |            |
| K-12-0437 | M375518   | 64.29  | 65.38 | -0.50      |           |            | 7.00       | 88.00      |            | 22.00      |           | 2.85       | 10.00      |            |            |            |
| K-12-0437 | M375519   | 65.38  | 67.10 | -0.50      |           |            | 5.00       | 78.00      |            | 12.00      |           | 2.94       | 10.00      |            |            |            |
| K-12-0437 | M375520   | 67.10  | 67.64 | -0.50      |           |            | 20.00      | 163.00     |            | 98.00      |           | 6.35       | 20.00      |            |            |            |
| K-12-0437 | M375521   | 67.64  | 69.25 | -0.50      |           |            | 8.00       | 129.00     |            | 28.00      |           | 3.24       | 20.00      |            |            |            |
| K-12-0437 | M375522   | 69.25  | 70.46 | -0.50      |           |            | 5.00       | 81.00      |            | 21.00      |           | 1.56       | 10.00      |            |            |            |
| K-12-0437 | M375523   | 70.46  | 71.85 | 1.70       |           |            | 6.00       | 89.00      |            | 59.00      |           | 1.79       | -10.00     |            |            |            |
| K-12-0437 | M375524   | 71.85  | 73.21 | 1.50       |           |            | 5.00       | 101.00     |            | 13.00      |           | 0.68       | -10.00     |            |            |            |
| K-12-0437 | M375525   | 73.21  | 74.00 | 2.00       |           |            | 5.00       | 69.00      |            | 13.00      |           | 1.05       | -10.00     |            |            |            |
| K-12-0437 | M375526   | 74.00  | 75.90 | 7.00       |           |            | 22.00      | 86.00      |            | 13.00      |           | 1.63       | 10.00      |            |            |            |
| K-12-0437 | M375527   | 75.90  | 77.00 | 6.40       |           |            | 3.00       | 92.00      |            | 6.00       |           | 1.29       | -10.00     |            |            |            |
| K-12-0437 | M375529   | 77.00  | 78.27 | 4.60       |           |            | 7.00       | 98.00      |            | 8.00       |           | 1.59       | -10.00     |            |            |            |
| K-12-0437 | M375530   | 78.27  | 79.21 | 16.30      |           |            | 5.00       | 97.00      |            | 8.00       |           | 4.14       | -10.00     |            |            |            |
| K-12-0437 | M375531   | 78.27  | 79.21 | 13.50      |           |            | 5.00       | 102.00     |            | 11.00      |           | 3.92       | -10.00     |            |            |            |
| K-12-0437 | M375532   | 79.21  | 79.55 | 27.20      |           |            | 65.00      | 23.00      |            | -1.00      |           | 4.24       | -10.00     |            |            |            |
| K-12-0437 | M375533   | 79.55  | 80.39 | 10.00      |           |            | 10.00      | 98.00      |            | 20.00      |           | 2.97       | -10.00     |            |            |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m  | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm |
|-----------|-----------|--------|-------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|
| K-12-0437 | M375462   | 6.00   | 6.58  |            | 0.22      | 10.00      |            | 1.71       | 970.00     | -1.00      | 0.51       |            | 41.00      | 470.00    |            |            |
| K-12-0437 | M375463   | 6.58   | 8.45  |            | 0.04      | -10.00     |            | 4.18       | 1580.00    | -1.00      | 0.10       |            | 91.00      | 720.00    |            |            |
| K-12-0437 | M375464   | 8.45   | 10.31 |            | 0.65      | 10.00      |            | 0.65       | 268.00     | -1.00      | 0.19       |            | 23.00      | 520.00    |            |            |
| K-12-0437 | M375465   | 10.31  | 10.63 |            | 2.19      | 30.00      |            | 0.45       | 120.00     | 1.00       | 0.90       |            | 39.00      | 970.00    |            |            |
| K-12-0437 | M375466   | 10.63  | 11.28 |            | 1.18      | 20.00      |            | 0.34       | 87.00      | -1.00      | 0.40       |            | 20.00      | 490.00    |            |            |
| K-12-0437 | M375467   | 11.28  | 12.30 |            | 0.49      | 10.00      |            | 0.23       | 72.00      | -1.00      | 0.21       |            | 7.00       | 200.00    |            |            |
| K-12-0437 | M375469   | 12.30  | 12.98 |            | 1.43      | 30.00      |            | 0.39       | 231.00     | -1.00      | 0.44       |            | 34.00      | 510.00    |            |            |
| K-12-0437 | M375470   | 12.98  | 14.00 |            | 0.22      | 10.00      |            | 0.09       | 135.00     | -1.00      | 0.06       |            | 9.00       | 120.00    |            |            |
| K-12-0437 | M375471   | 14.00  | 15.66 |            | 0.15      | 10.00      |            | 0.04       | 65.00      | -1.00      | 0.02       |            | 3.00       | 60.00     |            |            |
| K-12-0437 | M375473   | 15.66  | 16.76 |            | 2.11      | 40.00      |            | 0.43       | 106.00     | -1.00      | 1.12       |            | 23.00      | 880.00    |            |            |
| K-12-0437 | M375474   | 16.76  | 17.87 |            | 0.07      | 10.00      |            | 2.69       | 1110.00    | -1.00      | 0.04       |            | 57.00      | 600.00    |            |            |
| K-12-0437 | M375475   | 16.76  | 17.87 |            | 0.07      | 10.00      |            | 2.75       | 1140.00    | -1.00      | 0.04       |            | 60.00      | 630.00    |            |            |
| K-12-0437 | M375476   | 17.87  | 19.26 |            | 0.12      | 10.00      |            | 3.63       | 1270.00    | -1.00      | 0.03       |            | 86.00      | 600.00    |            |            |
| K-12-0437 | M375477   | 19.26  | 20.61 |            | 1.11      | 20.00      |            | 0.34       | 128.00     | -1.00      | 0.29       |            | 11.00      | 370.00    |            |            |
| K-12-0437 | M375478   | 20.61  | 22.34 |            | 0.69      | 10.00      |            | 0.15       | 234.00     | -1.00      | 0.14       |            | 17.00      | 250.00    |            |            |
| K-12-0437 | M375479   | 22.34  | 24.22 |            | 0.42      | 10.00      |            | 0.10       | 985.00     | -1.00      | 0.05       |            | 14.00      | 380.00    |            |            |
| K-12-0437 | M375480   | 24.22  | 25.46 |            | 0.57      | 10.00      |            | 0.06       | 3970.00    | 2.00       | 0.06       |            | 19.00      | 400.00    |            |            |
| K-12-0437 | M375481   | 25.46  | 26.76 |            | 0.39      | 10.00      |            | 0.05       | 2840.00    | 1.00       | 0.05       |            | 11.00      | 310.00    |            |            |
| K-12-0437 | M375482   | 26.76  | 27.40 |            | 0.53      | 10.00      |            | 0.04       | 169.00     | -1.00      | 0.05       |            | 12.00      | 770.00    |            |            |
| K-12-0437 | M375483   | 27.40  | 28.10 |            | 0.19      | -10.00     |            | 0.01       | 130.00     | -1.00      | 0.01       |            | 7.00       | 120.00    |            |            |
| K-12-0437 | M375484   | 28.10  | 29.80 |            | 1.29      | 30.00      |            | 0.23       | 101.00     | -1.00      | 0.22       |            | 17.00      | 370.00    |            |            |
| K-12-0437 | M375486   | 29.80  | 31.80 |            | 2.07      | 40.00      |            | 0.32       | 112.00     | -1.00      | 0.44       |            | 19.00      | 710.00    |            |            |
| K-12-0437 | M375487   | 31.80  | 32.65 |            | 1.80      | 40.00      |            | 0.41       | 131.00     | 1.00       | 0.25       |            | 25.00      | 570.00    |            |            |
| K-12-0437 | M375488   | 32.65  | 34.57 |            | 1.44      | 30.00      |            | 0.32       | 1145.00    | 2.00       | 0.20       |            | 49.00      | 440.00    |            |            |
| K-12-0437 | M375489   | 32.65  | 34.57 |            | 1.44      | 30.00      |            | 0.32       | 1145.00    | 2.00       | 0.20       |            | 49.00      | 440.00    |            |            |
| K-12-0437 | M375490   | 34.57  | 36.21 |            | 0.56      | 10.00      |            | 0.08       | 1840.00    | -1.00      | 0.09       |            | 13.00      | 230.00    |            |            |
| K-12-0437 | M375491   | 36.21  | 38.00 |            | 0.72      | 20.00      |            | 0.12       | 2370.00    | -1.00      | 0.15       |            | 18.00      | 370.00    |            |            |
| K-12-0437 | M375493   | 38.00  | 39.90 |            | 0.39      | 10.00      |            | 0.05       | 4680.00    | -1.00      | 0.09       |            | 10.00      | 440.00    |            |            |
| K-12-0437 | M375494   | 39.90  | 40.73 |            | 0.23      | 10.00      |            | 0.05       | 13350.00   | 1.00       | 0.04       |            | 17.00      | 250.00    |            |            |
| K-12-0437 | M375495   | 40.73  | 41.50 |            | 1.33      | 30.00      |            | 0.19       | 555.00     | -1.00      | 0.48       |            | 44.00      | 760.00    |            |            |
| K-12-0437 | M375496   | 41.50  | 42.93 |            | 0.79      | 10.00      |            | 0.11       | 786.00     | -1.00      | 0.16       |            | 18.00      | 320.00    |            |            |
| K-12-0437 | M375497   | 42.93  | 44.42 |            | 0.58      | 10.00      |            | 0.05       | 10400.00   | -1.00      | 0.08       |            | 14.00      | 280.00    |            |            |
| K-12-0437 | M375498   | 44.42  | 45.81 |            | 0.85      | 10.00      |            | 0.05       | 4070.00    | 1.00       | 0.12       |            | 12.00      | 350.00    |            |            |
| K-12-0437 | M375499   | 45.81  | 46.58 |            | 1.24      | 20.00      |            | 0.11       | 1560.00    | -1.00      | 0.27       |            | 18.00      | 500.00    |            |            |
| K-12-0437 | M375500   | 46.58  | 47.80 |            | 0.41      | 10.00      |            | 3.64       | 3270.00    | -1.00      | 0.41       |            | 84.00      | 750.00    |            |            |
| K-12-0437 | M375501   | 47.80  | 49.20 |            | 0.25      | 10.00      |            | 3.36       | 2310.00    | -1.00      | 0.30       |            | 63.00      | 850.00    |            |            |
| K-12-0437 | M375502   | 49.20  | 50.94 |            | 0.77      | 10.00      |            | 2.52       | 8990.00    | -1.00      | 0.25       |            | 44.00      | 1060.00   |            |            |
| K-12-0437 | M375503   | 50.94  | 52.47 |            | 0.91      | 10.00      |            | 2.47       | 2880.00    | -1.00      | 0.44       |            | 84.00      | 780.00    |            |            |
| K-12-0437 | M375504   | 52.47  | 53.56 |            | 0.13      | -10.00     |            | 0.03       | 3440.00    | -1.00      | 0.01       |            | 8.00       | 180.00    |            |            |
| K-12-0437 | M375506   | 53.56  | 54.31 |            | 0.83      | 10.00      |            | 0.06       | 2340.00    | -1.00      | 0.12       |            | 12.00      | 310.00    |            |            |
| K-12-0437 | M375507   | 54.31  | 54.77 |            | 3.24      | 40.00      |            | 0.20       | 2600.00    | -1.00      | 0.42       |            | 71.00      | 970.00    |            |            |
| K-12-0437 | M375508   | 54.77  | 56.00 |            | 0.61      | 10.00      |            | 0.11       | 595.00     | -1.00      | 0.10       |            | 21.00      | 430.00    |            |            |
| K-12-0437 | M375509   | 56.00  | 57.28 |            | 0.36      | 10.00      |            | 0.07       | 618.00     | -1.00      | 0.05       |            | 9.00       | 330.00    |            |            |
| K-12-0437 | M375510   | 57.28  | 58.58 |            | 0.49      | 10.00      |            | 0.09       | 596.00     | -1.00      | 0.12       |            | 26.00      | 450.00    |            |            |
| K-12-0437 | M375511   | 58.58  | 59.44 |            | 0.63      | 20.00      |            | 0.09       | 634.00     | -1.00      | 0.11       |            | 22.00      | 500.00    |            |            |
| K-12-0437 | M375512   | 58.58  | 59.44 |            | 0.61      | 20.00      |            | 0.09       | 626.00     | -1.00      | 0.10       |            | 21.00      | 500.00    |            |            |
| K-12-0437 | M375513   | 59.44  | 61.31 |            | 0.67      | 20.00      |            | 0.10       | 125.00     | -1.00      | 0.12       |            | 14.00      | 480.00    |            |            |
| K-12-0437 | M375514   | 61.31  | 62.00 |            | 0.35      | 10.00      |            | 0.10       | 85.00      | -1.00      | 0.07       |            | 10.00      | 300.00    |            |            |
| K-12-0437 | M375515   | 62.00  | 62.87 |            | 0.49      | 10.00      |            | 0.15       | 251.00     | -1.00      | 0.12       |            | 12.00      | 450.00    |            |            |
| K-12-0437 | M375516   | 62.87  | 64.29 |            | 1.01      | 20.00      |            | 0.28       | 101.00     | -1.00      | 0.36       |            | 23.00      | 520.00    |            |            |
| K-12-0437 | M375518   | 64.29  | 65.38 |            | 1.05      | 30.00      |            | 0.46       | 252.00     | -1.00      | 0.36       |            | 34.00      | 600.00    |            |            |
| K-12-0437 | M375519   | 65.38  | 67.10 |            | 0.83      | 30.00      |            | 0.38       | 272.00     | -1.00      | 0.36       |            | 22.00      | 650.00    |            |            |
| K-12-0437 | M375520   | 67.10  | 67.64 |            | 1.03      | 20.00      |            | 2.22       | 676.00     | -1.00      | 0.42       |            | 73.00      | 730.00    |            |            |
| K-12-0437 | M375521   | 67.64  | 69.25 |            | 1.76      | 40.00      |            | 0.41       | 188.00     | 2.00       | 0.47       |            | 35.00      | 890.00    |            |            |
| K-12-0437 | M375522   | 69.25  | 70.46 |            | 0.62      | 10.00      |            | 0.29       | 130.00     | 4.00       | 0.11       |            | 21.00      | 360.00    |            |            |
| K-12-0437 | M375523   | 70.46  | 71.85 |            | 0.45      | 10.00      |            | 0.09       | 803.00     | 6.00       | 0.05       |            | 16.00      | 240.00    |            |            |
| K-12-0437 | M375524   | 71.85  | 73.21 |            | 0.30      | 10.00      |            | 0.06       | 736.00     | 5.00       | 0.04       |            | 10.00      | 160.00    |            |            |
| K-12-0437 | M375525   | 73.21  | 74.00 |            | 0.20      | 10.00      |            | 0.05       | 725.00     | 4.00       | 0.03       |            | 6.00       | 160.00    |            |            |
| K-12-0437 | M375526   | 74.00  | 75.90 |            | 0.80      | 20.00      |            | 0.13       | 6070.00    | 4.00       | 0.17       |            | 27.00      | 340.00    |            |            |
| K-12-0437 | M375527   | 75.90  | 77.00 |            | 0.57      | 10.00      |            | 0.08       | 2480.00    | 4.00       | 0.09       |            | 5.00       | 270.00    |            |            |
| K-12-0437 | M375529   | 77.00  | 78.27 |            | 0.49      | 10.00      |            | 0.05       | 5930.00    | 6.00       | 0.05       |            | 6.00       | 190.00    |            |            |
| K-12-0437 | M375530   | 78.27  | 79.21 |            | 0.26      | 10.00      |            | 0.08       | 14350.00   | 5.00       | 0.03       |            | 5.00       | 180.00    |            |            |
| K-12-0437 | M375531   | 78.27  | 79.21 |            | 0.27      | 10.00      |            | 0.08       | 14800.00   | 6.00       | 0.03       |            | 6.00       | 180.00    |            |            |
| K-12-0437 | M375532   | 79.21  | 79.55 |            | 0.22      | 10.00      |            | 0.03       | 23800.00   | 2.00       | 0.01       |            | 47.00      | 350.00    |            |            |
| K-12-0437 | M375533   | 79.55  | 80.39 |            | 0.38      | 10.00      |            | 0.10       | 5800.00    | 5.00       | 0.03       |            | 15.00      | 460.00    |            |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m  | Re ICP ppm | S ICP pct | Sb ICP ppm | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm |
|-----------|-----------|--------|-------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| K-12-0437 | M375462   | 6.00   | 6.58  |            | 0.01      | -5.00      | 18.00      |            |            | 112.00     |            |            | -20.00     | 0.47       | -10.00     | -10.00    |
| K-12-0437 | M375463   | 6.58   | 8.45  |            | 0.01      | -5.00      | 37.00      |            |            | 286.00     |            |            | -20.00     | 1.00       | -10.00     | -10.00    |
| K-12-0437 | M375464   | 8.45   | 10.31 |            | 0.03      | -5.00      | 9.00       |            |            | 64.00      |            |            | -20.00     | 0.21       | -10.00     | -10.00    |
| K-12-0437 | M375465   | 10.31  | 10.63 |            | 0.02      | -5.00      | 16.00      |            |            | 185.00     |            |            | -20.00     | 0.40       | -10.00     | -10.00    |
| K-12-0437 | M375466   | 10.63  | 11.28 |            | 0.01      | -5.00      | 9.00       |            |            | 95.00      |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375467   | 11.28  | 12.30 |            | 0.01      | -5.00      | 4.00       |            |            | 55.00      |            |            | -20.00     | 0.16       | -10.00     | -10.00    |
| K-12-0437 | M375469   | 12.30  | 12.98 |            | 0.01      | -5.00      | 10.00      |            |            | 111.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    |
| K-12-0437 | M375470   | 12.98  | 14.00 |            | -0.01     | -5.00      | 1.00       |            |            | 15.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375471   | 14.00  | 15.66 |            | -0.01     | -5.00      | 1.00       |            |            | 5.00       |            |            | -20.00     | 0.08       | -10.00     | -10.00    |
| K-12-0437 | M375473   | 15.66  | 16.76 |            | 0.01      | -5.00      | 15.00      |            |            | 236.00     |            |            | 20.00      | 0.38       | -10.00     | -10.00    |
| K-12-0437 | M375474   | 16.76  | 17.87 |            | 0.02      | -5.00      | 23.00      |            |            | 225.00     |            |            | -20.00     | 0.65       | -10.00     | -10.00    |
| K-12-0437 | M375475   | 16.76  | 17.87 |            | 0.02      | -5.00      | 23.00      |            |            | 231.00     |            |            | -20.00     | 0.66       | -10.00     | -10.00    |
| K-12-0437 | M375476   | 17.87  | 19.26 |            | 0.04      | -5.00      | 33.00      |            |            | 292.00     |            |            | -20.00     | 0.93       | -10.00     | -10.00    |
| K-12-0437 | M375477   | 19.26  | 20.61 |            | 0.01      | 5.00       | 7.00       |            |            | 50.00      |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375478   | 20.61  | 22.34 |            | 0.01      | -5.00      | 4.00       |            |            | 27.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    |
| K-12-0437 | M375479   | 22.34  | 24.22 |            | 0.01      | -5.00      | 3.00       |            |            | 18.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375480   | 24.22  | 25.46 |            | -0.01     | -5.00      | 3.00       |            |            | 34.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375481   | 25.46  | 26.76 |            | 0.01      | 14.00      | 2.00       |            |            | 23.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375482   | 26.76  | 27.40 |            | 0.01      | -5.00      | 2.00       |            |            | 20.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375483   | 27.40  | 28.10 |            | 0.01      | -5.00      | 1.00       |            |            | 6.00       |            |            | -20.00     | 0.07       | -10.00     | -10.00    |
| K-12-0437 | M375484   | 28.10  | 29.80 |            | 0.03      | -5.00      | 9.00       |            |            | 86.00      |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375486   | 29.80  | 31.80 |            | 0.04      | -5.00      | 14.00      |            |            | 176.00     |            |            | 20.00      | 0.36       | -10.00     | -10.00    |
| K-12-0437 | M375487   | 31.80  | 32.65 |            | 0.01      | -5.00      | 12.00      |            |            | 94.00      |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375488   | 32.65  | 34.57 |            | 0.01      | -5.00      | 9.00       |            |            | 71.00      |            |            | -20.00     | 0.21       | -10.00     | -10.00    |
| K-12-0437 | M375489   | 32.65  | 34.57 |            | 0.01      | -5.00      | 9.00       |            |            | 71.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375490   | 34.57  | 36.21 |            | 0.02      | -5.00      | 3.00       |            |            | 31.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    |
| K-12-0437 | M375491   | 36.21  | 38.00 |            | 0.03      | -5.00      | 5.00       |            |            | 56.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |
| K-12-0437 | M375493   | 38.00  | 39.90 |            | 0.03      | -5.00      | 2.00       |            |            | 38.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375494   | 39.90  | 40.73 |            | 0.05      | -5.00      | 2.00       |            |            | 46.00      |            |            | -20.00     | 0.05       | -10.00     | -10.00    |
| K-12-0437 | M375495   | 40.73  | 41.50 |            | 0.03      | -5.00      | 10.00      |            |            | 126.00     |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375496   | 41.50  | 42.93 |            | 0.04      | -5.00      | 5.00       |            |            | 41.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    |
| K-12-0437 | M375497   | 42.93  | 44.42 |            | 0.03      | -5.00      | 5.00       |            |            | 48.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375498   | 44.42  | 45.81 |            | 0.03      | -5.00      | 5.00       |            |            | 42.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    |
| K-12-0437 | M375499   | 45.81  | 46.58 |            | 0.04      | -5.00      | 7.00       |            |            | 57.00      |            |            | -20.00     | 0.25       | -10.00     | -10.00    |
| K-12-0437 | M375500   | 46.58  | 47.80 |            | -0.01     | -5.00      | 39.00      |            |            | 272.00     |            |            | -20.00     | 1.15       | -10.00     | -10.00    |
| K-12-0437 | M375501   | 47.80  | 49.20 |            | 0.05      | -5.00      | 39.00      |            |            | 288.00     |            |            | -20.00     | 1.39       | -10.00     | -10.00    |
| K-12-0437 | M375502   | 49.20  | 50.94 |            | 0.08      | 11.00      | 38.00      |            |            | 83.00      |            |            | -20.00     | 1.70       | -10.00     | -10.00    |
| K-12-0437 | M375503   | 50.94  | 52.47 |            | 0.05      | -5.00      | 38.00      |            |            | 160.00     |            |            | -20.00     | 1.07       | -10.00     | -10.00    |
| K-12-0437 | M375504   | 52.47  | 53.56 |            | 0.01      | -5.00      | 1.00       |            |            | 17.00      |            |            | -20.00     | 0.07       | -10.00     | -10.00    |
| K-12-0437 | M375506   | 53.56  | 54.31 |            | 0.01      | 9.00       | 4.00       |            |            | 37.00      |            |            | -20.00     | 0.16       | -10.00     | -10.00    |
| K-12-0437 | M375507   | 54.31  | 54.77 |            | 0.04      | 9.00       | 18.00      |            |            | 207.00     |            |            | 20.00      | 0.45       | 10.00      | -10.00    |
| K-12-0437 | M375508   | 54.77  | 56.00 |            | 0.05      | -5.00      | 4.00       |            |            | 42.00      |            |            | -20.00     | 0.16       | -10.00     | -10.00    |
| K-12-0437 | M375509   | 56.00  | 57.28 |            | 0.02      | -5.00      | 2.00       |            |            | 22.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375510   | 57.28  | 58.58 |            | 0.03      | -5.00      | 4.00       |            |            | 31.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    |
| K-12-0437 | M375511   | 58.58  | 59.44 |            | 0.02      | -5.00      | 4.00       |            |            | 31.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |
| K-12-0437 | M375512   | 58.58  | 59.44 |            | 0.03      | -5.00      | 4.00       |            |            | 30.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |
| K-12-0437 | M375513   | 59.44  | 61.31 |            | 0.06      | -5.00      | 4.00       |            |            | 39.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |
| K-12-0437 | M375514   | 61.31  | 62.00 |            | 0.02      | -5.00      | 2.00       |            |            | 22.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375515   | 62.00  | 62.87 |            | 0.07      | -5.00      | 3.00       |            |            | 34.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375516   | 62.87  | 64.29 |            | 0.02      | -5.00      | 8.00       |            |            | 90.00      |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375518   | 64.29  | 65.38 |            | 0.05      | -5.00      | 10.00      |            |            | 100.00     |            |            | -20.00     | 0.27       | -10.00     | -10.00    |
| K-12-0437 | M375519   | 65.38  | 67.10 |            | 0.09      | -5.00      | 10.00      |            |            | 118.00     |            |            | -20.00     | 0.27       | -10.00     | -10.00    |
| K-12-0437 | M375520   | 67.10  | 67.64 |            | 0.03      | -5.00      | 25.00      |            |            | 188.00     |            |            | -20.00     | 0.60       | -10.00     | -10.00    |
| K-12-0437 | M375521   | 67.64  | 69.25 |            | 0.13      | -5.00      | 13.00      |            |            | 144.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375522   | 69.25  | 70.46 |            | 0.18      | -5.00      | 4.00       |            |            | 52.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |
| K-12-0437 | M375523   | 70.46  | 71.85 |            | 0.11      | -5.00      | 3.00       |            |            | 20.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375524   | 71.85  | 73.21 |            | 0.03      | -5.00      | 2.00       |            |            | 19.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375525   | 73.21  | 74.00 |            | 0.04      | -5.00      | 1.00       |            |            | 10.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375526   | 74.00  | 75.90 |            | 0.04      | -5.00      | 5.00       |            |            | 53.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    |
| K-12-0437 | M375527   | 75.90  | 77.00 |            | 0.08      | -5.00      | 3.00       |            |            | 24.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    |
| K-12-0437 | M375529   | 77.00  | 78.27 |            | 0.02      | -5.00      | 3.00       |            |            | 28.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    |
| K-12-0437 | M375530   | 78.27  | 79.21 |            | 0.26      | 6.00       | 2.00       |            |            | 22.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375531   | 78.27  | 79.21 |            | 0.18      | -5.00      | 2.00       |            |            | 22.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375532   | 79.21  | 79.55 |            | 0.01      | 6.00       | 2.00       |            |            | 41.00      |            |            | -20.00     | 0.08       | -10.00     | -10.00    |
| K-12-0437 | M375533   | 79.55  | 80.39 |            | 0.17      | 6.00       | 3.00       |            |            | 15.00      |            |            | -20.00     | 0.15       | -10.00     | -10.00    |

## Drill Hole Assays

| Hole      | DHSample | From m | To m  | V ICP ppm | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab            | Certificate | Date Received | Date Finalized | Added By | Added Time |
|-----------|----------|--------|-------|-----------|-----------|-----------|------------|---------|----------------|-------------|---------------|----------------|----------|------------|
| K-12-0437 | M375462  | 6.00   | 6.58  | 159.00    | -10.00    |           |            | 2.71    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375463  | 6.58   | 8.45  | 333.00    | -10.00    |           |            | 2.86    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375464  | 8.45   | 10.31 | 88.00     | -10.00    |           |            | 2.77    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375465  | 10.31  | 10.63 | 197.00    | -10.00    |           |            | 2.76    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375466  | 10.63  | 11.28 | 89.00     | -10.00    |           |            | 2.67    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375467  | 11.28  | 12.30 | 42.00     | -10.00    |           |            | 2.69    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375469  | 12.30  | 12.98 | 114.00    | -10.00    |           |            | 2.72    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375470  | 12.98  | 14.00 | 15.00     | -10.00    |           |            | 2.71    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375471  | 14.00  | 15.66 | 8.00      | -10.00    |           |            | 2.65    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375473  | 15.66  | 16.76 | 173.00    | -10.00    |           |            | 2.78    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375474  | 16.76  | 17.87 | 213.00    | -10.00    |           |            | 2.86    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375475  | 16.76  | 17.87 | 218.00    | -10.00    |           |            |         | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375476  | 17.87  | 19.26 | 297.00    | -10.00    |           |            | 2.83    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375477  | 19.26  | 20.61 | 80.00     | -10.00    |           |            | 2.65    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375478  | 20.61  | 22.34 | 45.00     | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375479  | 22.34  | 24.22 | 26.00     | -10.00    |           |            | 2.67    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375480  | 24.22  | 25.46 | 33.00     | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375481  | 25.46  | 26.76 | 23.00     | -10.00    |           |            | 2.68    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375482  | 26.76  | 27.40 | 31.00     | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375483  | 27.40  | 28.10 | 11.00     | -10.00    |           |            | 2.66    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375484  | 28.10  | 29.80 | 93.00     | -10.00    |           |            | 2.76    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375486  | 29.80  | 31.80 | 152.00    | -10.00    |           |            | 2.72    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375487  | 31.80  | 32.65 | 129.00    | -10.00    |           |            | 2.79    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375488  | 32.65  | 34.57 | 105.00    | -10.00    |           |            | 2.71    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375489  | 32.65  | 34.57 | 106.00    | -10.00    |           |            |         | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375490  | 34.57  | 36.21 | 33.00     | -10.00    |           |            | 2.70    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375491  | 36.21  | 38.00 | 52.00     | -10.00    |           |            | 2.69    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375493  | 38.00  | 39.90 | 28.00     | -10.00    |           |            | 2.69    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375494  | 39.90  | 40.73 | 16.00     | -10.00    |           |            | 2.77    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375495  | 40.73  | 41.50 | 107.00    | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375496  | 41.50  | 42.93 | 50.00     | -10.00    |           |            | 2.72    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375497  | 42.93  | 44.42 | 34.00     | -10.00    |           |            | 2.78    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375498  | 44.42  | 45.81 | 49.00     | -10.00    |           |            | 2.65    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375499  | 45.81  | 46.58 | 79.00     | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375500  | 46.58  | 47.80 | 384.00    | -10.00    |           |            | 2.94    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375501  | 47.80  | 49.20 | 477.00    | -10.00    |           |            | 2.96    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375502  | 49.20  | 50.94 | 567.00    | -10.00    |           |            | 2.95    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375503  | 50.94  | 52.47 | 391.00    | -10.00    |           |            | 2.92    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375504  | 52.47  | 53.56 | 10.00     | -10.00    |           |            | 2.80    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375506  | 53.56  | 54.31 | 48.00     | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375507  | 54.31  | 54.77 | 158.00    | -10.00    |           |            | 2.81    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375508  | 54.77  | 56.00 | 45.00     | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375509  | 56.00  | 57.28 | 22.00     | -10.00    |           |            | 2.69    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375510  | 57.28  | 58.58 | 41.00     | -10.00    |           |            | 2.66    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375511  | 58.58  | 59.44 | 47.00     | -10.00    |           |            | 2.69    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375512  | 58.58  | 59.44 | 45.00     | -10.00    |           |            |         | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375513  | 59.44  | 61.31 | 46.00     | -10.00    |           |            | 2.65    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375514  | 61.31  | 62.00 | 32.00     | 10.00     |           |            | 2.70    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375515  | 62.00  | 62.87 | 37.00     | -10.00    |           |            | 2.68    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375516  | 62.87  | 64.29 | 81.00     | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375518  | 64.29  | 65.38 | 95.00     | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375519  | 65.38  | 67.10 | 86.00     | -10.00    |           |            | 2.73    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375520  | 67.10  | 67.64 | 229.00    | -10.00    |           |            | 2.74    | WH12152620     |             | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375521  | 67.64  | 69.25 | 150.00    | -10.00    |           |            | 2.90    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375522  | 69.25  | 70.46 | 45.00     | -10.00    |           |            | 2.86    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375523  | 70.46  | 71.85 | 32.00     | -10.00    |           |            | 2.88    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375524  | 71.85  | 73.21 | 18.00     | -10.00    |           |            | 2.83    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375525  | 73.21  | 74.00 | 13.00     | -10.00    |           |            | 2.95    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375526  | 74.00  | 75.90 | 51.00     | -10.00    |           |            | 3.06    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375527  | 75.90  | 77.00 | 33.00     | -10.00    |           |            | 2.93    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375529  | 77.00  | 78.27 | 31.00     | -10.00    |           |            | 3.00    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375530  | 78.27  | 79.21 | 16.00     | -10.00    |           |            | 2.97    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375531  | 78.27  | 79.21 | 16.00     | -10.00    |           |            |         | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375532  | 79.21  | 79.55 | 16.00     | 10.00     |           |            | 2.81    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375533  | 79.55  | 80.39 | 31.00     | -10.00    |           |            | 2.72    | ALS WH12158985 |             | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm | Ag AA ppm | Ag ICP ppm |
|-----------|----------|--------|--------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|------------|
| K-12-0437 | M375534  | 80.39  | 81.02  | HCORE         | FALSE     |                | 0.03        | -0.50       | 15.00       | 136.00      | 0.03      |            |           |           | -0.50      |
| K-12-0437 | M375535  | 81.02  | 82.86  | HCORE         | FALSE     |                | -0.01       | -0.50       | 7.00        | 48.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375537  | 82.86  | 84.26  | HCORE         | FALSE     |                | -0.01       | -0.50       | 13.00       | 232.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375538  | 84.26  | 85.02  | HCORE         | FALSE     |                | -0.01       | 0.90        | 217.00      | 601.00      | -0.01     |            |           |           | 0.90       |
| K-12-0437 | M375539  | 85.02  | 86.36  | HCORE         | FALSE     |                | -0.01       | 18.40       | 949.00      | 1635.00     | -0.01     |            |           |           | 18.40      |
| K-12-0437 | M375540  | 86.36  | 87.46  | HCORE         | FALSE     |                | -0.01       | 4.10        | 666.00      | 648.00      | -0.01     |            |           |           | 4.10       |
| K-12-0437 | M375541  | 87.46  | 89.00  | HCORE         | FALSE     |                | -0.01       | 1.40        | 95.00       | 243.00      | -0.01     |            |           |           | 1.40       |
| K-12-0437 | M375542  | 89.00  | 90.60  | HCORE         | FALSE     |                | -0.01       | -0.50       | 10.00       | 81.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375544  | 90.60  | 92.43  | HCORE         | FALSE     |                | -0.01       | -0.50       | 48.00       | 299.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375545  | 92.43  | 94.10  | HCORE         | TRUE      |                | -0.01       | -0.50       | 49.00       | 353.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375546  | 92.43  | 94.10  | DUP           | FALSE     | M375545        | -0.01       | -0.50       | 60.00       | 349.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375547  | 94.10  | 95.20  | HCORE         | FALSE     |                | -0.01       | -0.50       | 4.00        | 24.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375548  | 95.20  | 96.27  | HCORE         | FALSE     |                | -0.01       | -0.50       | 3.00        | 54.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375549  | 96.27  | 97.23  | HCORE         | FALSE     |                | -0.01       | -0.50       | 4.00        | 166.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375550  | 97.23  | 98.62  | HCORE         | FALSE     |                | -0.01       | -0.50       | 22.00       | 79.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375551  | 98.62  | 99.68  | HCORE         | FALSE     |                | -0.01       | 0.90        | 102.00      | 229.00      | -0.01     |            |           |           | 0.90       |
| K-12-0437 | M375552  | 99.68  | 101.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 16.00       | 94.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375553  | 101.00 | 102.04 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 20.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375554  | 102.04 | 104.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | -2.00       | 29.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375556  | 104.00 | 105.65 | HCORE         | FALSE     |                | -0.01       | -0.50       | 2.00        | 72.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375557  | 105.65 | 106.77 | HCORE         | FALSE     |                | -0.01       | -0.50       | 2.00        | 23.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375558  | 106.77 | 107.73 | HCORE         | FALSE     |                | -0.01       | -0.50       | 3.00        | 84.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375559  | 107.73 | 108.41 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 137.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375560  | 108.41 | 109.40 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 93.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375561  | 109.40 | 110.00 | HCORE         | FALSE     |                | -0.01       | 0.50        | 8.00        | 54.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375562  | 110.00 | 111.47 | HCORE         | FALSE     |                | -0.01       | 6.20        | 708.00      | 579.00      | -0.01     |            |           |           | 6.20       |
| K-12-0437 | M375563  | 111.47 | 112.25 | HCORE         | FALSE     |                | -0.01       | 0.60        | 62.00       | 137.00      | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375565  | 112.25 | 114.08 | HCORE         | FALSE     |                | -0.01       | 0.50        | 10.00       | 118.00      | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375566  | 114.08 | 115.36 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 22.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375567  | 115.36 | 116.88 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 85.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375569  | 116.88 | 118.76 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 99.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375570  | 118.76 | 119.90 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 31.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375571  | 119.90 | 121.23 | HCORE         | FALSE     |                | -0.01       | -0.50       | 8.00        | 45.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375572  | 121.23 | 121.56 | HCORE         | TRUE      |                | -0.01       | -0.50       | 13.00       | 86.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375573  | 121.23 | 121.56 | DUP           | FALSE     | M375572        | -0.01       | -0.50       | 16.00       | 93.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375574  | 121.56 | 121.88 | HCORE         | FALSE     |                | -0.01       | 1.10        | 24.00       | 347.00      | -0.01     |            |           |           | 1.10       |
| K-12-0437 | M375575  | 121.88 | 123.50 | HCORE         | FALSE     |                | 0.01        | 0.70        | 24.00       | 131.00      | 0.01      |            |           |           | 0.70       |
| K-12-0437 | M375576  | 123.50 | 125.00 | HCORE         | FALSE     |                | 0.01        | 0.50        | 15.00       | 71.00       | 0.01      |            |           |           | 0.50       |
| K-12-0437 | M375577  | 125.00 | 126.34 | HCORE         | FALSE     |                | -0.01       | 0.70        | 12.00       | 66.00       | -0.01     |            |           |           | 0.70       |
| K-12-0437 | M375578  | 126.34 | 127.85 | HCORE         | FALSE     |                | -0.01       | 0.70        | 15.00       | 106.00      | -0.01     |            |           |           | 0.70       |
| K-12-0437 | M375579  | 127.85 | 129.44 | HCORE         | FALSE     |                | -0.01       | -0.50       | 13.00       | 64.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375580  | 129.44 | 131.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 13.00       | 49.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375581  | 131.00 | 132.77 | HCORE         | FALSE     |                | -0.01       | 0.60        | 22.00       | 93.00       | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375582  | 132.77 | 134.36 | HCORE         | FALSE     |                | -0.01       | -0.50       | 12.00       | 68.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375583  | 134.36 | 135.96 | HCORE         | FALSE     |                | -0.01       | -0.50       | 9.00        | 30.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375585  | 135.96 | 137.72 | HCORE         | FALSE     |                | -0.01       | -0.50       | 12.00       | 51.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375586  | 137.72 | 139.63 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 45.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375587  | 139.63 | 140.99 | HCORE         | FALSE     |                | -0.01       | -0.50       | 15.00       | 27.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375588  | 140.99 | 142.89 | HCORE         | TRUE      |                | -0.01       | -0.50       | 20.00       | 115.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375589  | 140.99 | 142.89 | DUP           | FALSE     | M375588        | -0.01       | -0.50       | 18.00       | 113.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375590  | 142.89 | 144.59 | HCORE         | FALSE     |                | -0.01       | 0.70        | 84.00       | 119.00      | -0.01     |            |           |           | 0.70       |
| K-12-0437 | M375591  | 144.59 | 146.09 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 46.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375592  | 146.09 | 147.05 | HCORE         | FALSE     |                | -0.01       | -0.50       | 6.00        | 29.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375593  | 147.05 | 149.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 9.00        | 42.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375595  | 149.00 | 151.00 | HCORE         | FALSE     |                | 0.01        | 0.60        | 22.00       | 105.00      | 0.01      |            |           |           | 0.60       |
| K-12-0437 | M375596  | 151.00 | 152.00 | HCORE         | FALSE     |                | 0.01        | 0.70        | 18.00       | 74.00       | 0.01      |            |           |           | 0.70       |
| K-12-0437 | M375597  | 152.00 | 153.72 | HCORE         | FALSE     |                | 0.02        | 0.70        | 14.00       | 60.00       | 0.02      |            |           |           | 0.70       |
| K-12-0437 | M375598  | 153.72 | 155.13 | HCORE         | FALSE     |                | -0.01       | 0.80        | 15.00       | 77.00       | -0.01     |            |           |           | 0.80       |
| K-12-0437 | M375599  | 155.13 | 156.97 | HCORE         | FALSE     |                | -0.01       | 0.50        | 10.00       | 51.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375600  | 156.97 | 158.48 | HCORE         | FALSE     |                | 0.01        | -0.50       | 7.00        | 28.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375601  | 158.48 | 159.85 | HCORE         | FALSE     |                | 0.01        | -0.50       | 5.00        | 22.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375602  | 159.85 | 161.73 | HCORE         | FALSE     |                | -0.01       | 0.50        | 12.00       | 49.00       | -0.01     |            |           |           | 0.50       |
| K-12-0437 | M375603  | 161.73 | 163.37 | HCORE         | FALSE     |                | -0.01       | -0.50       | 4.00        | 15.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375604  | 163.37 | 164.16 | HCORE         | FALSE     |                | -0.01       | -0.50       | 3.00        | 16.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375605  | 164.16 | 165.50 | HCORE         | FALSE     |                | 0.03        | 0.50        | 9.00        | 76.00       | 0.03      |            |           |           | 0.50       |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct |
|-----------|-----------|--------|--------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
| K-12-0437 | M375534   | 80.39  | 81.02  |           |            | 15.00      |           | 136.00     |           | 9.50       | 30.00      |           | 1410.00    | 1.70       | -2.00      | 3.01       |
| K-12-0437 | M375535   | 81.02  | 82.86  |           |            | 7.00       |           | 48.00      |           | 1.56       | 7.00       |           | 310.00     | -0.50      | -2.00      | 0.95       |
| K-12-0437 | M375537   | 82.86  | 84.26  |           |            | 13.00      |           | 232.00     |           | 7.40       | 34.00      |           | 660.00     | 1.20       | -2.00      | 6.62       |
| K-12-0437 | M375538   | 84.26  | 85.02  |           |            | 217.00     |           | 601.00     |           | 0.97       | 56.00      |           | 140.00     | -0.50      | -2.00      | 1.18       |
| K-12-0437 | M375539   | 85.02  | 86.36  |           |            | 949.00     |           | 1635.00    |           | 3.97       | 133.00     |           | 650.00     | 1.10       | -2.00      | 0.58       |
| K-12-0437 | M375540   | 86.36  | 87.46  |           |            | 666.00     |           | 648.00     |           | 0.80       | 21.00      |           | 110.00     | -0.50      | -2.00      | 0.09       |
| K-12-0437 | M375541   | 87.46  | 89.00  |           |            | 95.00      |           | 243.00     |           | 4.66       | 21.00      |           | 1080.00    | 1.30       | -2.00      | 2.61       |
| K-12-0437 | M375542   | 89.00  | 90.60  |           |            | 10.00      |           | 81.00      |           | 3.17       | 5.00       |           | 430.00     | 0.70       | -2.00      | 4.19       |
| K-12-0437 | M375544   | 90.60  | 92.43  |           |            | 48.00      |           | 299.00     |           | 3.30       | -5.00      |           | 400.00     | 0.60       | -2.00      | 4.95       |
| K-12-0437 | M375545   | 92.43  | 94.10  |           |            | 49.00      |           | 353.00     |           | 5.44       | -5.00      |           | 1510.00    | 1.40       | -2.00      | 4.82       |
| K-12-0437 | M375546   | 92.43  | 94.10  |           |            | 60.00      |           | 349.00     |           | 6.21       | -5.00      |           | 1800.00    | 1.60       | -2.00      | 4.40       |
| K-12-0437 | M375547   | 94.10  | 95.20  |           |            | 4.00       |           | 24.00      |           | 2.32       | -5.00      |           | 620.00     | 0.60       | -2.00      | 1.33       |
| K-12-0437 | M375548   | 95.20  | 96.27  |           |            | 3.00       |           | 54.00      |           | 4.06       | -5.00      |           | 1400.00    | 1.10       | -2.00      | 1.35       |
| K-12-0437 | M375549   | 96.27  | 97.23  |           |            | 4.00       |           | 166.00     |           | 7.64       | 30.00      |           | 1450.00    | 1.30       | -2.00      | 6.48       |
| K-12-0437 | M375550   | 97.23  | 98.62  |           |            | 22.00      |           | 79.00      |           | 1.37       | 9.00       |           | 370.00     | -0.50      | -2.00      | 1.02       |
| K-12-0437 | M375551   | 98.62  | 99.68  |           |            | 102.00     |           | 229.00     |           | 1.12       | 20.00      |           | 300.00     | -0.50      | -2.00      | 0.84       |
| K-12-0437 | M375552   | 99.68  | 101.00 |           |            | 16.00      |           | 94.00      |           | 4.34       | 5.00       |           | 960.00     | 1.10       | -2.00      | 1.11       |
| K-12-0437 | M375553   | 101.00 | 102.04 |           |            | -2.00      |           | 20.00      |           | 3.74       | 9.00       |           | 570.00     | 0.70       | -2.00      | 1.35       |
| K-12-0437 | M375554   | 102.04 | 104.00 |           |            | -2.00      |           | 29.00      |           | 3.29       | 11.00      |           | 620.00     | 0.80       | -2.00      | 2.04       |
| K-12-0437 | M375556   | 104.00 | 105.65 |           |            | 2.00       |           | 72.00      |           | 3.09       | 7.00       |           | 400.00     | 0.60       | -2.00      | 4.47       |
| K-12-0437 | M375557   | 105.65 | 106.77 |           |            | 2.00       |           | 23.00      |           | 3.71       | 5.00       |           | 1040.00    | 1.10       | -2.00      | 0.78       |
| K-12-0437 | M375558   | 106.77 | 107.73 |           |            | 3.00       |           | 84.00      |           | 4.50       | -5.00      |           | 1630.00    | 1.30       | -2.00      | 1.21       |
| K-12-0437 | M375559   | 107.73 | 108.41 |           |            | 6.00       |           | 137.00     |           | 3.77       | 9.00       |           | 1170.00    | 0.90       | -2.00      | 1.79       |
| K-12-0437 | M375560   | 108.41 | 109.40 |           |            | 11.00      |           | 93.00      |           | 4.58       | -5.00      |           | 2180.00    | 1.30       | -2.00      | 1.45       |
| K-12-0437 | M375561   | 109.40 | 110.00 |           |            | 8.00       |           | 54.00      |           | 4.54       | 9.00       |           | 2180.00    | 0.90       | -2.00      | 2.92       |
| K-12-0437 | M375562   | 110.00 | 111.47 |           |            | 708.00     |           | 579.00     |           | 4.59       | 29.00      |           | 1880.00    | 1.40       | -2.00      | 1.02       |
| K-12-0437 | M375563   | 111.47 | 112.25 |           |            | 62.00      |           | 137.00     |           | 4.33       | 8.00       |           | 3720.00    | 1.20       | -2.00      | 0.44       |
| K-12-0437 | M375565   | 112.25 | 114.08 |           |            | 10.00      |           | 118.00     |           | 6.89       | 18.00      |           | 3850.00    | 0.60       | -2.00      | 6.36       |
| K-12-0437 | M375566   | 114.08 | 115.36 |           |            | 6.00       |           | 22.00      |           | 0.96       | -5.00      |           | 1000.00    | -0.50      | -2.00      | 0.08       |
| K-12-0437 | M375567   | 115.36 | 116.88 |           |            | 8.00       |           | 85.00      |           | 3.92       | -5.00      |           | 5550.00    | 1.00       | -2.00      | 0.48       |
| K-12-0437 | M375569   | 116.88 | 118.76 |           |            | 8.00       |           | 99.00      |           | 4.09       | -5.00      |           | 5200.00    | 1.10       | -2.00      | 0.43       |
| K-12-0437 | M375570   | 118.76 | 119.90 |           |            | 11.00      |           | 31.00      |           | 1.89       | 5.00       |           | 1720.00    | 0.50       | -2.00      | 1.69       |
| K-12-0437 | M375571   | 119.90 | 121.23 |           |            | 8.00       |           | 45.00      |           | 0.74       | 5.00       |           | 330.00     | -0.50      | -2.00      | 2.01       |
| K-12-0437 | M375572   | 121.23 | 121.56 |           |            | 13.00      |           | 86.00      |           | 1.77       | 8.00       |           | 990.00     | -0.50      | -2.00      | 7.24       |
| K-12-0437 | M375573   | 121.23 | 121.56 |           |            | 16.00      |           | 93.00      |           | 1.91       | 8.00       |           | 1070.00    | 0.50       | -2.00      | 7.47       |
| K-12-0437 | M375574   | 121.56 | 121.88 |           |            | 24.00      |           | 347.00     |           | 8.36       | 26.00      |           | 5080.00    | 2.20       | -2.00      | 8.73       |
| K-12-0437 | M375575   | 121.88 | 123.50 |           |            | 24.00      |           | 131.00     |           | 3.88       | 20.00      |           | 2060.00    | 1.00       | -2.00      | 6.20       |
| K-12-0437 | M375576   | 123.50 | 125.00 |           |            | 15.00      |           | 71.00      |           | 2.73       | 9.00       |           | 1140.00    | 0.70       | -2.00      | 5.30       |
| K-12-0437 | M375577   | 125.00 | 126.34 |           |            | 12.00      |           | 66.00      |           | 3.18       | 13.00      |           | 1310.00    | 0.90       | -2.00      | 5.32       |
| K-12-0437 | M375578   | 126.34 | 127.85 |           |            | 15.00      |           | 106.00     |           | 4.24       | 15.00      |           | 2270.00    | 1.30       | -2.00      | 0.82       |
| K-12-0437 | M375579   | 127.85 | 129.44 |           |            | 13.00      |           | 64.00      |           | 2.84       | 5.00       |           | 690.00     | 0.80       | -2.00      | 2.15       |
| K-12-0437 | M375580   | 129.44 | 131.00 |           |            | 13.00      |           | 49.00      |           | 2.38       | 5.00       |           | 480.00     | 0.60       | -2.00      | 2.56       |
| K-12-0437 | M375581   | 131.00 | 132.77 |           |            | 22.00      |           | 93.00      |           | 4.57       | 11.00      |           | 980.00     | 1.10       | -2.00      | 1.75       |
| K-12-0437 | M375582   | 132.77 | 134.36 |           |            | 12.00      |           | 68.00      |           | 3.60       | 10.00      |           | 760.00     | 0.90       | -2.00      | 1.85       |
| K-12-0437 | M375583   | 134.36 | 135.96 |           |            | 9.00       |           | 30.00      |           | 1.68       | -5.00      |           | 300.00     | 0.50       | -2.00      | 1.37       |
| K-12-0437 | M375585   | 135.96 | 137.72 |           |            | 12.00      |           | 51.00      |           | 3.22       | 6.00       |           | 600.00     | 0.90       | -2.00      | 1.78       |
| K-12-0437 | M375586   | 137.72 | 139.63 |           |            | 14.00      |           | 45.00      |           | 3.07       | 8.00       |           | 540.00     | 0.80       | -2.00      | 1.07       |
| K-12-0437 | M375587   | 139.63 | 140.99 |           |            | 15.00      |           | 27.00      |           | 1.39       | -5.00      |           | 240.00     | -0.50      | -2.00      | 0.74       |
| K-12-0437 | M375588   | 140.99 | 142.89 |           |            | 20.00      |           | 115.00     |           | 9.85       | 7.00       |           | 1800.00    | 2.60       | -2.00      | 1.66       |
| K-12-0437 | M375589   | 140.99 | 142.89 |           |            | 18.00      |           | 113.00     |           | 9.36       | 11.00      |           | 1730.00    | 2.50       | -2.00      | 1.67       |
| K-12-0437 | M375590   | 142.89 | 144.59 |           |            | 84.00      |           | 119.00     |           | 3.50       | 13.00      |           | 870.00     | 0.90       | -2.00      | 0.71       |
| K-12-0437 | M375591   | 144.59 | 146.09 |           |            | 14.00      |           | 46.00      |           | 2.09       | 7.00       |           | 610.00     | 0.50       | -2.00      | 1.05       |
| K-12-0437 | M375592   | 146.09 | 147.05 |           |            | 6.00       |           | 29.00      |           | 0.83       | -5.00      |           | 180.00     | -0.50      | -2.00      | 0.74       |
| K-12-0437 | M375593   | 147.05 | 149.00 |           |            | 9.00       |           | 42.00      |           | 1.73       | -5.00      |           | 390.00     | -0.50      | -2.00      | 2.08       |
| K-12-0437 | M375595   | 149.00 | 151.00 |           |            | 22.00      |           | 105.00     |           | 5.01       | 10.00      |           | 1000.00    | 1.40       | -2.00      | 3.60       |
| K-12-0437 | M375596   | 151.00 | 152.00 |           |            | 18.00      |           | 74.00      |           | 4.84       | 9.00       |           | 850.00     | 1.40       | -2.00      | 2.21       |
| K-12-0437 | M375597   | 152.00 | 153.72 |           |            | 14.00      |           | 60.00      |           | 4.52       | 9.00       |           | 850.00     | 1.30       | 2.00       | 2.57       |
| K-12-0437 | M375598   | 153.72 | 155.13 |           |            | 15.00      |           | 77.00      |           | 5.57       | 12.00      |           | 1100.00    | 1.50       | -2.00      | 2.14       |
| K-12-0437 | M375599   | 155.13 | 156.97 |           |            | 10.00      |           | 51.00      |           | 3.44       | 8.00       |           | 680.00     | 0.90       | -2.00      | 2.41       |
| K-12-0437 | M375600   | 156.97 | 158.48 |           |            | 7.00       |           | 28.00      |           | 1.88       | 5.00       |           | 380.00     | 0.60       | -2.00      | 2.72       |
| K-12-0437 | M375601   | 158.48 | 159.85 |           |            | 5.00       |           | 22.00      |           | 1.03       | 5.00       |           | 170.00     | -0.50      | 2.00       | 0.78       |
| K-12-0437 | M375602   | 159.85 | 161.73 |           |            | 12.00      |           | 49.00      |           | 2.76       | 10.00      |           | 570.00     | 0.70       | 3.00       | 4.63       |
| K-12-0437 | M375603   | 161.73 | 163.37 |           |            | 4.00       |           | 15.00      |           | 0.49       | -5.00      |           | 70.00      | -0.50      | 3.00       | 0.28       |
| K-12-0437 | M375604   | 163.37 | 164.16 |           |            | 3.00       |           | 16.00      |           | 0.60       | -5.00      |           | 70.00      | -0.50      | 3.00       | 2.20       |
| K-12-0437 | M375605   | 164.16 | 165.50 |           |            | 9.00       |           | 76.00      |           | 4.43       | 6.00       |           | 1220.00    | 1.20       | -2.00      | 3.04       |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm | Cu OL pct | Fe ICP pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0437 | M375534   | 80.39  | 81.02  | 1.00       |           |            | 18.00      | 132.00     |            | 89.00      |           | 5.35       | 20.00      |            |            |            |
| K-12-0437 | M375535   | 81.02  | 82.86  | 0.50       |           |            | 3.00       | 98.00      |            | 9.00       |           | 0.87       | -10.00     |            |            |            |
| K-12-0437 | M375537   | 82.86  | 84.26  | 0.90       |           |            | 20.00      | 152.00     |            | 126.00     |           | 6.67       | 20.00      |            |            |            |
| K-12-0437 | M375538   | 84.26  | 85.02  | 4.60       |           |            | 9.00       | 82.00      |            | 19.00      |           | 6.13       | -10.00     |            |            |            |
| K-12-0437 | M375539   | 85.02  | 86.36  | 18.00      |           |            | 15.00      | 85.00      |            | 98.00      |           | 5.14       | 10.00      |            |            |            |
| K-12-0437 | M375540   | 86.36  | 87.46  | 10.20      |           |            | 2.00       | 83.00      |            | 25.00      |           | 3.27       | -10.00     |            |            |            |
| K-12-0437 | M375541   | 87.46  | 89.00  | 2.00       |           |            | 6.00       | 97.00      |            | 53.00      |           | 3.18       | 10.00      |            |            |            |
| K-12-0437 | M375542   | 89.00  | 90.60  | 0.70       |           |            | 4.00       | 72.00      |            | 14.00      |           | 2.27       | 10.00      |            |            |            |
| K-12-0437 | M375544   | 90.60  | 92.43  | 3.50       |           |            | 4.00       | 79.00      |            | 19.00      |           | 2.80       | 10.00      |            |            |            |
| K-12-0437 | M375545   | 92.43  | 94.10  | 4.70       |           |            | 8.00       | 104.00     |            | 56.00      |           | 2.94       | 10.00      |            |            |            |
| K-12-0437 | M375546   | 92.43  | 94.10  | 4.60       |           |            | 8.00       | 121.00     |            | 58.00      |           | 3.08       | 20.00      |            |            |            |
| K-12-0437 | M375547   | 94.10  | 95.20  | -0.50      |           |            | 3.00       | 75.00      |            | 29.00      |           | 1.23       | 10.00      |            |            |            |
| K-12-0437 | M375548   | 95.20  | 96.27  | 0.50       |           |            | 5.00       | 111.00     |            | 50.00      |           | 1.82       | 10.00      |            |            |            |
| K-12-0437 | M375549   | 96.27  | 97.23  | -0.50      |           |            | 26.00      | 104.00     |            | 136.00     |           | 8.43       | 20.00      |            |            |            |
| K-12-0437 | M375550   | 97.23  | 98.62  | 0.90       |           |            | 3.00       | 93.00      |            | 19.00      |           | 1.23       | -10.00     |            |            |            |
| K-12-0437 | M375551   | 98.62  | 99.68  | 3.70       |           |            | 2.00       | 66.00      |            | 31.00      |           | 1.18       | -10.00     |            |            |            |
| K-12-0437 | M375552   | 99.68  | 101.00 | 0.80       |           |            | 4.00       | 112.00     |            | 26.00      |           | 1.85       | 10.00      |            |            |            |
| K-12-0437 | M375553   | 101.00 | 102.04 | -0.50      |           |            | 4.00       | 90.00      |            | 6.00       |           | 1.43       | 10.00      |            |            |            |
| K-12-0437 | M375554   | 102.04 | 104.00 | -0.50      |           |            | 4.00       | 85.00      |            | 8.00       |           | 1.50       | 10.00      |            |            |            |
| K-12-0437 | M375556   | 104.00 | 105.65 | -0.50      |           |            | 3.00       | 88.00      |            | 10.00      |           | 2.47       | 10.00      |            |            |            |
| K-12-0437 | M375557   | 105.65 | 106.77 | -0.50      |           |            | 6.00       | 96.00      |            | 21.00      |           | 1.50       | 10.00      |            |            |            |
| K-12-0437 | M375558   | 106.77 | 107.73 | 0.50       |           |            | 7.00       | 113.00     |            | 29.00      |           | 1.49       | 10.00      |            |            |            |
| K-12-0437 | M375559   | 107.73 | 108.41 | 0.70       |           |            | 8.00       | 93.00      |            | 54.00      |           | 1.96       | 10.00      |            |            |            |
| K-12-0437 | M375560   | 108.41 | 109.40 | 0.60       |           |            | 9.00       | 104.00     |            | 53.00      |           | 2.62       | 10.00      |            |            |            |
| K-12-0437 | M375561   | 109.40 | 110.00 | -0.50      |           |            | 10.00      | 107.00     |            | 50.00      |           | 3.50       | 10.00      |            |            |            |
| K-12-0437 | M375562   | 110.00 | 111.47 | 7.10       |           |            | 8.00       | 116.00     |            | 47.00      |           | 2.81       | 10.00      |            |            |            |
| K-12-0437 | M375563   | 111.47 | 112.25 | 1.80       |           |            | 7.00       | 103.00     |            | 39.00      |           | 2.30       | 10.00      |            |            |            |
| K-12-0437 | M375565   | 112.25 | 114.08 | 0.60       |           |            | 25.00      | 93.00      |            | 115.00     |           | 6.10       | 20.00      |            |            |            |
| K-12-0437 | M375566   | 114.08 | 115.36 | -0.50      |           |            | 1.00       | 57.00      |            | 20.00      |           | 0.92       | -10.00     |            |            |            |
| K-12-0437 | M375567   | 115.36 | 116.88 | -0.50      |           |            | 9.00       | 54.00      |            | 60.00      |           | 2.40       | 10.00      |            |            |            |
| K-12-0437 | M375569   | 116.88 | 118.76 | -0.50      |           |            | 9.00       | 66.00      |            | 65.00      |           | 2.37       | 10.00      |            |            |            |
| K-12-0437 | M375570   | 118.76 | 119.90 | -0.50      |           |            | 3.00       | 57.00      |            | 12.00      |           | 1.17       | 10.00      |            |            |            |
| K-12-0437 | M375571   | 119.90 | 121.23 | -0.50      |           |            | 2.00       | 53.00      |            | 6.00       |           | 0.77       | -10.00     |            |            |            |
| K-12-0437 | M375572   | 121.23 | 121.56 | 1.00       |           |            | 4.00       | 38.00      |            | 23.00      |           | 1.32       | -10.00     |            |            |            |
| K-12-0437 | M375573   | 121.23 | 121.56 | 1.00       |           |            | 4.00       | 50.00      |            | 24.00      |           | 1.39       | -10.00     |            |            |            |
| K-12-0437 | M375574   | 121.56 | 121.88 | 3.20       |           |            | 16.00      | 118.00     |            | 72.00      |           | 4.16       | 20.00      |            |            |            |
| K-12-0437 | M375575   | 121.88 | 123.50 | 1.20       |           |            | 8.00       | 66.00      |            | 63.00      |           | 2.38       | 10.00      |            |            |            |
| K-12-0437 | M375576   | 123.50 | 125.00 | 0.60       |           |            | 5.00       | 60.00      |            | 53.00      |           | 1.62       | 10.00      |            |            |            |
| K-12-0437 | M375577   | 125.00 | 126.34 | -0.50      |           |            | 4.00       | 62.00      |            | 56.00      |           | 1.96       | 10.00      |            |            |            |
| K-12-0437 | M375578   | 126.34 | 127.85 | 0.60       |           |            | 7.00       | 84.00      |            | 63.00      |           | 2.40       | 10.00      |            |            |            |
| K-12-0437 | M375579   | 127.85 | 129.44 | 0.60       |           |            | 4.00       | 74.00      |            | 18.00      |           | 1.56       | 10.00      |            |            |            |
| K-12-0437 | M375580   | 129.44 | 131.00 | -0.50      |           |            | 3.00       | 67.00      |            | 13.00      |           | 1.59       | 10.00      |            |            |            |
| K-12-0437 | M375581   | 131.00 | 132.77 | -0.50      |           |            | 8.00       | 92.00      |            | 33.00      |           | 2.50       | 10.00      |            |            |            |
| K-12-0437 | M375582   | 132.77 | 134.36 | -0.50      |           |            | 5.00       | 92.00      |            | 27.00      |           | 2.13       | 10.00      |            |            |            |
| K-12-0437 | M375583   | 134.36 | 135.96 | -0.50      |           |            | 3.00       | 56.00      |            | 9.00       |           | 1.11       | -10.00     |            |            |            |
| K-12-0437 | M375585   | 135.96 | 137.72 | -0.50      |           |            | 4.00       | 78.00      |            | 14.00      |           | 1.80       | 10.00      |            |            |            |
| K-12-0437 | M375586   | 137.72 | 139.63 | -0.50      |           |            | 3.00       | 87.00      |            | 16.00      |           | 1.69       | 10.00      |            |            |            |
| K-12-0437 | M375587   | 139.63 | 140.99 | -0.50      |           |            | 2.00       | 47.00      |            | 8.00       |           | 0.96       | -10.00     |            |            |            |
| K-12-0437 | M375588   | 140.99 | 142.89 | -0.50      |           |            | 12.00      | 127.00     |            | 23.00      |           | 4.51       | 30.00      |            |            |            |
| K-12-0437 | M375589   | 140.99 | 142.89 | -0.50      |           |            | 13.00      | 120.00     |            | 23.00      |           | 4.42       | 20.00      |            |            |            |
| K-12-0437 | M375590   | 142.89 | 144.59 | 1.10       |           |            | 4.00       | 73.00      |            | 18.00      |           | 2.05       | 10.00      |            |            |            |
| K-12-0437 | M375591   | 144.59 | 146.09 | -0.50      |           |            | 4.00       | 66.00      |            | 11.00      |           | 1.30       | -10.00     |            |            |            |
| K-12-0437 | M375592   | 146.09 | 147.05 | -0.50      |           |            | 1.00       | 46.00      |            | 9.00       |           | 1.08       | -10.00     |            |            |            |
| K-12-0437 | M375593   | 147.05 | 149.00 | -0.50      |           |            | 2.00       | 60.00      |            | 7.00       |           | 1.27       | -10.00     |            |            |            |
| K-12-0437 | M375595   | 149.00 | 151.00 | 0.60       |           |            | 6.00       | 93.00      |            | 21.00      |           | 2.69       | 10.00      |            |            |            |
| K-12-0437 | M375596   | 151.00 | 152.00 | -0.50      |           |            | 6.00       | 109.00     |            | 22.00      |           | 2.56       | 10.00      |            |            |            |
| K-12-0437 | M375597   | 152.00 | 153.72 | -0.50      |           |            | 6.00       | 96.00      |            | 18.00      |           | 2.40       | 10.00      |            |            |            |
| K-12-0437 | M375598   | 153.72 | 155.13 | -0.50      |           |            | 7.00       | 104.00     |            | 22.00      |           | 2.68       | 10.00      |            |            |            |
| K-12-0437 | M375599   | 155.13 | 156.97 | -0.50      |           |            | 4.00       | 84.00      |            | 14.00      |           | 1.95       | 10.00      |            |            |            |
| K-12-0437 | M375600   | 156.97 | 158.48 | -0.50      |           |            | 2.00       | 69.00      |            | 8.00       |           | 1.26       | -10.00     |            |            |            |
| K-12-0437 | M375601   | 158.48 | 159.85 | -0.50      |           |            | 2.00       | 64.00      |            | 4.00       |           | 0.98       | -10.00     |            |            |            |
| K-12-0437 | M375602   | 159.85 | 161.73 | -0.50      |           |            | 4.00       | 76.00      |            | 11.00      |           | 2.09       | 10.00      |            |            |            |
| K-12-0437 | M375603   | 161.73 | 163.37 | -0.50      |           |            | 1.00       | 52.00      |            | 2.00       |           | 0.66       | -10.00     |            |            |            |
| K-12-0437 | M375604   | 163.37 | 164.16 | -0.50      |           |            | 1.00       | 48.00      |            | 3.00       |           | 0.95       | -10.00     |            |            |            |
| K-12-0437 | M375605   | 164.16 | 165.50 | -0.50      |           |            | 5.00       | 84.00      |            | 52.00      |           | 2.25       | 10.00      |            |            |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|
| K-12-0437 | M375534   | 80.39  | 81.02  |            | 1.68      | 30.00      |            | 1.92       | 864.00     | 1.00       | 0.57       |            |            | 66.00     | 860.00     |            |
| K-12-0437 | M375535   | 81.02  | 82.86  |            | 0.41      | 10.00      |            | 0.15       | 260.00     | 5.00       | 0.09       |            |            | 10.00     | 290.00     |            |
| K-12-0437 | M375537   | 82.86  | 84.26  |            | 0.92      | 10.00      |            | 2.87       | 1205.00    | 1.00       | 0.14       |            |            | 75.00     | 690.00     |            |
| K-12-0437 | M375538   | 84.26  | 85.02  |            | 0.30      | 10.00      |            | 0.64       | 17650.00   | 5.00       | 0.03       |            |            | 21.00     | 340.00     |            |
| K-12-0437 | M375539   | 85.02  | 86.36  |            | 1.10      | 20.00      |            | 0.69       | 10400.00   | 3.00       | 0.10       |            |            | 41.00     | 640.00     |            |
| K-12-0437 | M375540   | 86.36  | 87.46  |            | 0.25      | 10.00      |            | 0.17       | 8400.00    | 4.00       | 0.01       |            |            | 8.00      | 230.00     |            |
| K-12-0437 | M375541   | 87.46  | 89.00  |            | 1.31      | 10.00      |            | 0.75       | 422.00     | 16.00      | 0.19       |            |            | 20.00     | 440.00     |            |
| K-12-0437 | M375542   | 89.00  | 90.60  |            | 0.50      | 20.00      |            | 1.12       | 801.00     | 6.00       | 0.20       |            |            | 27.00     | 730.00     |            |
| K-12-0437 | M375544   | 90.60  | 92.43  |            | 0.51      | 20.00      |            | 1.41       | 602.00     | 2.00       | 0.05       |            |            | 35.00     | 1100.00    |            |
| K-12-0437 | M375545   | 92.43  | 94.10  |            | 1.26      | 30.00      |            | 1.15       | 545.00     | 44.00      | 0.75       |            |            | 63.00     | 510.00     |            |
| K-12-0437 | M375546   | 92.43  | 94.10  |            | 1.52      | 30.00      |            | 1.15       | 507.00     | 48.00      | 0.83       |            |            | 68.00     | 450.00     |            |
| K-12-0437 | M375547   | 94.10  | 95.20  |            | 0.61      | 10.00      |            | 0.30       | 181.00     | 8.00       | 0.22       |            |            | 16.00     | 290.00     |            |
| K-12-0437 | M375548   | 95.20  | 96.27  |            | 1.29      | 20.00      |            | 0.64       | 208.00     | 7.00       | 0.13       |            |            | 28.00     | 470.00     |            |
| K-12-0437 | M375549   | 96.27  | 97.23  |            | 1.23      | 10.00      |            | 3.14       | 1290.00    | 1.00       | 0.02       |            |            | 65.00     | 800.00     |            |
| K-12-0437 | M375550   | 97.23  | 98.62  |            | 0.44      | 10.00      |            | 0.15       | 216.00     | 4.00       | 0.01       |            |            | 7.00      | 320.00     |            |
| K-12-0437 | M375551   | 98.62  | 99.68  |            | 0.40      | 10.00      |            | 0.16       | 898.00     | 3.00       | 0.01       |            |            | 5.00      | 260.00     |            |
| K-12-0437 | M375552   | 99.68  | 101.00 |            | 1.18      | 20.00      |            | 0.65       | 354.00     | 6.00       | 0.42       |            |            | 30.00     | 420.00     |            |
| K-12-0437 | M375553   | 101.00 | 102.04 |            | 0.53      | 20.00      |            | 0.49       | 176.00     | 4.00       | 1.26       |            |            | 25.00     | 300.00     |            |
| K-12-0437 | M375554   | 102.04 | 104.00 |            | 0.60      | 20.00      |            | 0.65       | 247.00     | 11.00      | 0.47       |            |            | 37.00     | 520.00     |            |
| K-12-0437 | M375556   | 104.00 | 105.65 |            | 0.32      | 20.00      |            | 1.31       | 472.00     | 5.00       | 0.10       |            |            | 40.00     | 1140.00    |            |
| K-12-0437 | M375557   | 105.65 | 106.77 |            | 0.75      | 20.00      |            | 0.55       | 166.00     | 5.00       | 0.45       |            |            | 31.00     | 280.00     |            |
| K-12-0437 | M375558   | 106.77 | 107.73 |            | 1.29      | 30.00      |            | 0.83       | 354.00     | 5.00       | 0.17       |            |            | 34.00     | 490.00     |            |
| K-12-0437 | M375559   | 107.73 | 108.41 |            | 1.05      | 30.00      |            | 0.75       | 440.00     | 5.00       | 0.10       |            |            | 49.00     | 550.00     |            |
| K-12-0437 | M375560   | 108.41 | 109.40 |            | 1.36      | 20.00      |            | 0.87       | 312.00     | 16.00      | 0.20       |            |            | 55.00     | 560.00     |            |
| K-12-0437 | M375561   | 109.40 | 110.00 |            | 0.73      | 10.00      |            | 1.15       | 491.00     | 21.00      | 0.67       |            |            | 44.00     | 460.00     |            |
| K-12-0437 | M375562   | 110.00 | 111.47 |            | 1.13      | 20.00      |            | 0.62       | 1360.00    | 20.00      | 0.36       |            |            | 43.00     | 570.00     |            |
| K-12-0437 | M375563   | 111.47 | 112.25 |            | 0.91      | 20.00      |            | 0.98       | 317.00     | 8.00       | 0.25       |            |            | 39.00     | 700.00     |            |
| K-12-0437 | M375565   | 112.25 | 114.08 |            | 0.54      | 10.00      |            | 2.60       | 1115.00    | 11.00      | 1.13       |            |            | 61.00     | 520.00     |            |
| K-12-0437 | M375566   | 114.08 | 115.36 |            | 0.20      | 10.00      |            | 0.19       | 93.00      | 2.00       | 0.04       |            |            | 6.00      | 230.00     |            |
| K-12-0437 | M375567   | 115.36 | 116.88 |            | 1.04      | 10.00      |            | 0.79       | 1355.00    | 1.00       | 0.05       |            |            | 36.00     | 300.00     |            |
| K-12-0437 | M375569   | 116.88 | 118.76 |            | 1.10      | 10.00      |            | 0.81       | 1620.00    | 2.00       | 0.07       |            |            | 32.00     | 300.00     |            |
| K-12-0437 | M375570   | 118.76 | 119.90 |            | 0.55      | 10.00      |            | 0.19       | 529.00     | 2.00       | 0.10       |            |            | 12.00     | 350.00     |            |
| K-12-0437 | M375571   | 119.90 | 121.23 |            | 0.20      | 10.00      |            | 0.07       | 391.00     | 2.00       | 0.06       |            |            | 9.00      | 220.00     |            |
| K-12-0437 | M375572   | 121.23 | 121.56 |            | 0.52      | 10.00      |            | 0.36       | 1090.00    | 9.00       | 0.07       |            |            | 23.00     | 160.00     |            |
| K-12-0437 | M375573   | 121.56 | 121.56 |            | 0.56      | 10.00      |            | 0.37       | 1110.00    | 10.00      | 0.08       |            |            | 25.00     | 180.00     |            |
| K-12-0437 | M375574   | 121.56 | 121.88 |            | 2.51      | 20.00      |            | 1.13       | 1385.00    | 48.00      | 0.44       |            |            | 105.00    | 570.00     |            |
| K-12-0437 | M375575   | 121.88 | 123.50 |            | 1.16      | 20.00      |            | 0.47       | 1065.00    | 15.00      | 0.18       |            |            | 46.00     | 300.00     |            |
| K-12-0437 | M375576   | 123.50 | 125.00 |            | 0.74      | 10.00      |            | 0.43       | 736.00     | 7.00       | 0.17       |            |            | 28.00     | 270.00     |            |
| K-12-0437 | M375577   | 125.00 | 126.34 |            | 0.84      | 10.00      |            | 0.64       | 559.00     | 9.00       | 0.24       |            |            | 29.00     | 300.00     |            |
| K-12-0437 | M375578   | 126.34 | 127.85 |            | 1.19      | 20.00      |            | 0.37       | 232.00     | 16.00      | 0.26       |            |            | 40.00     | 300.00     |            |
| K-12-0437 | M375579   | 127.85 | 129.44 |            | 0.75      | 10.00      |            | 0.27       | 250.00     | 3.00       | 0.18       |            |            | 19.00     | 540.00     |            |
| K-12-0437 | M375580   | 129.44 | 131.00 |            | 0.61      | 20.00      |            | 0.39       | 605.00     | 2.00       | 0.14       |            |            | 17.00     | 480.00     |            |
| K-12-0437 | M375581   | 131.00 | 132.77 |            | 1.23      | 20.00      |            | 0.39       | 265.00     | 5.00       | 0.28       |            |            | 36.00     | 820.00     |            |
| K-12-0437 | M375582   | 132.77 | 134.36 |            | 0.97      | 20.00      |            | 0.42       | 189.00     | 4.00       | 0.20       |            |            | 29.00     | 660.00     |            |
| K-12-0437 | M375583   | 134.36 | 135.96 |            | 0.39      | 10.00      |            | 0.23       | 145.00     | 2.00       | 0.10       |            |            | 12.00     | 530.00     |            |
| K-12-0437 | M375585   | 135.96 | 137.72 |            | 0.75      | 10.00      |            | 0.40       | 190.00     | 2.00       | 0.19       |            |            | 22.00     | 540.00     |            |
| K-12-0437 | M375586   | 137.72 | 139.63 |            | 0.81      | 20.00      |            | 0.34       | 164.00     | 3.00       | 0.13       |            |            | 21.00     | 540.00     |            |
| K-12-0437 | M375587   | 139.63 | 140.99 |            | 0.45      | 10.00      |            | 0.15       | 688.00     | 1.00       | 0.05       |            |            | 11.00     | 220.00     |            |
| K-12-0437 | M375588   | 140.99 | 142.89 |            | 2.39      | 40.00      |            | 0.63       | 221.00     | 1.00       | 0.37       |            |            | 55.00     | 940.00     |            |
| K-12-0437 | M375589   | 140.99 | 142.89 |            | 2.33      | 30.00      |            | 0.62       | 220.00     | 1.00       | 0.35       |            |            | 54.00     | 950.00     |            |
| K-12-0437 | M375590   | 142.89 | 144.59 |            | 1.02      | 20.00      |            | 0.21       | 1420.00    | 2.00       | 0.14       |            |            | 26.00     | 560.00     |            |
| K-12-0437 | M375591   | 144.59 | 146.09 |            | 0.47      | 10.00      |            | 0.25       | 157.00     | 2.00       | 0.10       |            |            | 16.00     | 450.00     |            |
| K-12-0437 | M375592   | 146.09 | 147.05 |            | 0.14      | 10.00      |            | 0.24       | 120.00     | 3.00       | 0.02       |            |            | 12.00     | 390.00     |            |
| K-12-0437 | M375593   | 147.05 | 149.00 |            | 0.35      | 10.00      |            | 0.23       | 211.00     | 2.00       | 0.08       |            |            | 11.00     | 720.00     |            |
| K-12-0437 | M375595   | 149.00 | 151.00 |            | 1.15      | 30.00      |            | 0.50       | 345.00     | 2.00       | 0.30       |            |            | 32.00     | 840.00     |            |
| K-12-0437 | M375596   | 151.00 | 152.00 |            | 1.04      | 30.00      |            | 0.43       | 176.00     | 2.00       | 0.27       |            |            | 30.00     | 670.00     |            |
| K-12-0437 | M375597   | 152.00 | 153.72 |            | 1.01      | 20.00      |            | 0.41       | 152.00     | 1.00       | 0.22       |            |            | 26.00     | 670.00     |            |
| K-12-0437 | M375598   | 153.72 | 155.13 |            | 1.32      | 30.00      |            | 0.57       | 256.00     | 2.00       | 0.28       |            |            | 30.00     | 730.00     |            |
| K-12-0437 | M375599   | 155.13 | 156.97 |            | 0.77      | 20.00      |            | 0.29       | 200.00     | 2.00       | 0.17       |            |            | 20.00     | 610.00     |            |
| K-12-0437 | M375600   | 156.97 | 158.48 |            | 0.35      | 10.00      |            | 0.24       | 234.00     | 2.00       | 0.11       |            |            | 11.00     | 540.00     |            |
| K-12-0437 | M375601   | 158.48 | 159.85 |            | 0.19      | 10.00      |            | 0.13       | 137.00     | 2.00       | 0.07       |            |            | 6.00      | 250.00     |            |
| K-12-0437 | M375602   | 159.85 | 161.73 |            | 0.61      | 20.00      |            | 0.30       | 432.00     | 2.00       | 0.17       |            |            | 21.00     | 600.00     |            |
| K-12-0437 | M375603   | 161.73 | 163.37 |            | 0.08      | 10.00      |            | 0.07       | 104.00     | 2.00       | 0.03       |            |            | 2.00      | 130.00     |            |
| K-12-0437 | M375604   | 163.37 | 164.16 |            | 0.07      | 10.00      |            | 0.16       | 88.00      | 1.00       | 0.04       |            |            | 2.00      | 170.00     |            |
| K-12-0437 | M375605   | 164.16 | 165.50 |            | 1.00      | 20.00      |            | 0.55       | 373.00     | 7.00       | 0.29       |            |            | 31.00     | 340.00     |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Re ICP ppm | S ICP pct | Sb ICP ppm | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| K-12-0437 | M375534   | 80.39  | 81.02  |            | 0.06      | -5.00      | 25.00      |            |            | 190.00     |            |            | -20.00     | 0.68       | -10.00     | -10.00    |
| K-12-0437 | M375535   | 81.02  | 82.86  |            | 0.05      | -5.00      | 3.00       |            |            | 44.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375537   | 82.86  | 84.26  |            | 0.01      | -5.00      | 30.00      |            |            | 250.00     |            |            | -20.00     | 0.81       | -10.00     | -10.00    |
| K-12-0437 | M375538   | 84.26  | 85.02  |            | 0.02      | -5.00      | 3.00       |            |            | 14.00      |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375539   | 85.02  | 86.36  |            | 0.11      | 17.00      | 11.00      |            |            | 35.00      |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375540   | 86.36  | 87.46  |            | 0.07      | 6.00       | 2.00       |            |            | 5.00       |            |            | -20.00     | 0.10       | -10.00     | -10.00    |
| K-12-0437 | M375541   | 87.46  | 89.00  |            | 0.26      | -5.00      | 10.00      |            |            | 97.00      |            |            | -20.00     | 0.27       | 10.00      | -10.00    |
| K-12-0437 | M375542   | 89.00  | 90.60  |            | 0.04      | -5.00      | 7.00       |            |            | 102.00     |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375544   | 90.60  | 92.43  |            | 0.05      | -5.00      | 7.00       |            |            | 118.00     |            |            | -20.00     | 0.23       | -10.00     | -10.00    |
| K-12-0437 | M375545   | 92.43  | 94.10  |            | 0.51      | -5.00      | 13.00      |            |            | 159.00     |            |            | -20.00     | 0.30       | -10.00     | -10.00    |
| K-12-0437 | M375546   | 92.43  | 94.10  |            | 0.57      | -5.00      | 14.00      |            |            | 159.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375547   | 94.10  | 95.20  |            | 0.33      | -5.00      | 5.00       |            |            | 39.00      |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375548   | 95.20  | 96.27  |            | 0.14      | -5.00      | 9.00       |            |            | 63.00      |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375549   | 96.27  | 97.23  |            | 0.03      | -5.00      | 37.00      |            |            | 175.00     |            |            | -20.00     | 1.18       | -10.00     | -10.00    |
| K-12-0437 | M375550   | 97.23  | 98.62  |            | 0.39      | -5.00      | 2.00       |            |            | 34.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375551   | 98.62  | 99.68  |            | 0.21      | -5.00      | 2.00       |            |            | 19.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375552   | 99.68  | 101.00 |            | 0.10      | -5.00      | 10.00      |            |            | 35.00      |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375553   | 101.00 | 102.04 |            | 0.02      | -5.00      | 10.00      |            |            | 56.00      |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375554   | 102.04 | 104.00 |            | 0.02      | -5.00      | 9.00       |            |            | 70.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375556   | 104.00 | 105.65 |            | -0.01     | -5.00      | 8.00       |            |            | 118.00     |            |            | -20.00     | 0.21       | -10.00     | -10.00    |
| K-12-0437 | M375557   | 105.65 | 106.77 |            | 0.06      | -5.00      | 10.00      |            |            | 56.00      |            |            | -20.00     | 0.23       | -10.00     | -10.00    |
| K-12-0437 | M375558   | 106.77 | 107.73 |            | 0.08      | -5.00      | 11.00      |            |            | 71.00      |            |            | -20.00     | 0.29       | -10.00     | -10.00    |
| K-12-0437 | M375559   | 107.73 | 108.41 |            | 0.57      | -5.00      | 9.00       |            |            | 67.00      |            |            | -20.00     | 0.23       | -10.00     | -10.00    |
| K-12-0437 | M375560   | 108.41 | 109.40 |            | 0.73      | -5.00      | 11.00      |            |            | 78.00      |            |            | -20.00     | 0.28       | -10.00     | 10.00     |
| K-12-0437 | M375561   | 109.40 | 110.00 |            | 0.16      | -5.00      | 13.00      |            |            | 133.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375562   | 110.00 | 111.47 |            | 0.19      | 13.00      | 13.00      |            |            | 74.00      |            |            | -20.00     | 0.30       | -10.00     | -10.00    |
| K-12-0437 | M375563   | 111.47 | 112.25 |            | 0.12      | -5.00      | 10.00      |            |            | 67.00      |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375565   | 112.25 | 114.08 |            | 0.14      | -5.00      | 25.00      |            |            | 352.00     |            |            | -20.00     | 0.72       | -10.00     | -10.00    |
| K-12-0437 | M375566   | 114.08 | 115.36 |            | 0.02      | -5.00      | 2.00       |            |            | 18.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375567   | 115.36 | 116.88 |            | 0.03      | -5.00      | 10.00      |            |            | 42.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375569   | 116.88 | 118.76 |            | 0.15      | -5.00      | 10.00      |            |            | 42.00      |            |            | -20.00     | 0.21       | -10.00     | -10.00    |
| K-12-0437 | M375570   | 118.76 | 119.90 |            | 0.56      | -5.00      | 4.00       |            |            | 86.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    |
| K-12-0437 | M375571   | 119.90 | 121.23 |            | 0.08      | -5.00      | 1.00       |            |            | 65.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    |
| K-12-0437 | M375572   | 121.23 | 121.56 |            | 0.25      | -5.00      | 4.00       |            |            | 241.00     |            |            | -20.00     | 0.07       | -10.00     | -10.00    |
| K-12-0437 | M375573   | 121.23 | 121.56 |            | 0.28      | -5.00      | 5.00       |            |            | 251.00     |            |            | -20.00     | 0.07       | -10.00     | -10.00    |
| K-12-0437 | M375574   | 121.56 | 121.88 |            | 0.70      | -5.00      | 17.00      |            |            | 404.00     |            |            | -20.00     | 0.35       | -10.00     | -10.00    |
| K-12-0437 | M375575   | 121.88 | 123.50 |            | 0.71      | -5.00      | 9.00       |            |            | 212.00     |            |            | -20.00     | 0.19       | -10.00     | -10.00    |
| K-12-0437 | M375576   | 123.50 | 125.00 |            | 0.80      | -5.00      | 7.00       |            |            | 178.00     |            |            | -20.00     | 0.14       | -10.00     | -10.00    |
| K-12-0437 | M375577   | 125.00 | 126.34 |            | 1.16      | -5.00      | 8.00       |            |            | 202.00     |            |            | -20.00     | 0.16       | -10.00     | -10.00    |
| K-12-0437 | M375578   | 126.34 | 127.85 |            | 0.93      | -5.00      | 10.00      |            |            | 107.00     |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375579   | 127.85 | 129.44 |            | 0.39      | -5.00      | 5.00       |            |            | 148.00     |            |            | -20.00     | 0.18       | -10.00     | -10.00    |
| K-12-0437 | M375580   | 129.44 | 131.00 |            | 0.35      | -5.00      | 4.00       |            |            | 118.00     |            |            | -20.00     | 0.16       | -10.00     | -10.00    |
| K-12-0437 | M375581   | 131.00 | 132.77 |            | 0.69      | -5.00      | 8.00       |            |            | 163.00     |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375582   | 132.77 | 134.36 |            | 0.59      | -5.00      | 7.00       |            |            | 129.00     |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375583   | 134.36 | 135.96 |            | 0.21      | -5.00      | 3.00       |            |            | 83.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375585   | 135.96 | 137.72 |            | 0.40      | -5.00      | 6.00       |            |            | 123.00     |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375586   | 137.72 | 139.63 |            | 0.41      | -5.00      | 5.00       |            |            | 89.00      |            |            | -20.00     | 0.19       | -10.00     | -10.00    |
| K-12-0437 | M375587   | 139.63 | 140.99 |            | 0.25      | -5.00      | 2.00       |            |            | 32.00      |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375588   | 140.99 | 142.89 |            | 0.44      | -5.00      | 17.00      |            |            | 198.00     |            |            | 20.00      | 0.48       | -10.00     | -10.00    |
| K-12-0437 | M375589   | 140.99 | 142.89 |            | 0.47      | -5.00      | 16.00      |            |            | 194.00     |            |            | -20.00     | 0.44       | -10.00     | -10.00    |
| K-12-0437 | M375590   | 142.89 | 144.59 |            | 0.69      | -5.00      | 6.00       |            |            | 77.00      |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375591   | 144.59 | 146.09 |            | 0.32      | -5.00      | 4.00       |            |            | 71.00      |            |            | -20.00     | 0.14       | -10.00     | -10.00    |
| K-12-0437 | M375592   | 146.09 | 147.05 |            | 0.28      | -5.00      | 2.00       |            |            | 22.00      |            |            | -20.00     | 0.07       | -10.00     | -10.00    |
| K-12-0437 | M375593   | 147.05 | 149.00 |            | 0.21      | -5.00      | 3.00       |            |            | 77.00      |            |            | -20.00     | 0.13       | -10.00     | -10.00    |
| K-12-0437 | M375595   | 149.00 | 151.00 |            | 0.74      | -5.00      | 8.00       |            |            | 281.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375596   | 151.00 | 152.00 |            | 0.80      | -5.00      | 8.00       |            |            | 218.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375597   | 152.00 | 153.72 |            | 1.16      | -5.00      | 7.00       |            |            | 201.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375598   | 153.72 | 155.13 |            | 0.58      | -5.00      | 10.00      |            |            | 203.00     |            |            | -20.00     | 0.30       | -10.00     | -10.00    |
| K-12-0437 | M375599   | 155.13 | 156.97 |            | 0.85      | -5.00      | 6.00       |            |            | 145.00     |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375600   | 156.97 | 158.48 |            | 0.82      | -5.00      | 3.00       |            |            | 106.00     |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375601   | 158.48 | 159.85 |            | 0.45      | -5.00      | 2.00       |            |            | 43.00      |            |            | -20.00     | 0.09       | -10.00     | -10.00    |
| K-12-0437 | M375602   | 159.85 | 161.73 |            | 1.26      | -5.00      | 4.00       |            |            | 172.00     |            |            | -20.00     | 0.17       | -10.00     | -10.00    |
| K-12-0437 | M375603   | 161.73 | 163.37 |            | 0.22      | -5.00      | 1.00       |            |            | 24.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    |
| K-12-0437 | M375604   | 163.37 | 164.16 |            | 0.36      | -5.00      | 1.00       |            |            | 168.00     |            |            | -20.00     | 0.05       | -10.00     | -10.00    |
| K-12-0437 | M375605   | 164.16 | 165.50 |            | 1.32      | -5.00      | 9.00       |            |            | 216.00     |            |            | -20.00     | 0.23       | -10.00     | -10.00    |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | V ICP ppm | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab | Certificate | Date Received | Date Finalized | Added By | Added Time |
|-----------|----------|--------|--------|-----------|-----------|-----------|------------|---------|-----|-------------|---------------|----------------|----------|------------|
| K-12-0437 | M375534  | 80.39  | 81.02  | 213.00    | -10.00    |           |            | 2.93    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375535  | 81.02  | 82.86  | 29.00     | -10.00    |           |            | 3.02    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375537  | 82.86  | 84.26  | 272.00    | -10.00    |           |            | 2.96    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375538  | 84.26  | 85.02  | 23.00     | -10.00    |           |            | 2.92    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375539  | 85.02  | 86.36  | 111.00    | -10.00    |           |            | 2.83    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375540  | 86.36  | 87.46  | 17.00     | -10.00    |           |            | 3.04    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375541  | 87.46  | 89.00  | 132.00    | -10.00    |           |            | 2.93    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375542  | 89.00  | 90.60  | 87.00     | -10.00    |           |            | 2.98    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375544  | 90.60  | 92.43  | 90.00     | -10.00    |           |            | 2.96    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375545  | 92.43  | 94.10  | 172.00    | -10.00    |           |            | 3.05    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375546  | 92.43  | 94.10  | 193.00    | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375547  | 94.10  | 95.20  | 58.00     | -10.00    |           |            | 3.10    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375548  | 95.20  | 96.27  | 112.00    | -10.00    |           |            | 2.85    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375549  | 96.27  | 97.23  | 373.00    | -10.00    |           |            | 2.97    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375550  | 97.23  | 98.62  | 27.00     | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375551  | 98.62  | 99.68  | 26.00     | -10.00    |           |            | 2.96    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375552  | 99.68  | 101.00 | 119.00    | -10.00    |           |            | 2.92    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375553  | 101.00 | 102.04 | 109.00    | -10.00    |           |            | 2.69    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375554  | 102.04 | 104.00 | 115.00    | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375556  | 104.00 | 105.65 | 104.00    | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375557  | 105.65 | 106.77 | 106.00    | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375558  | 106.77 | 107.73 | 143.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375559  | 107.73 | 108.41 | 104.00    | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375560  | 108.41 | 109.40 | 140.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375561  | 109.40 | 110.00 | 155.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375562  | 110.00 | 111.47 | 166.00    | -10.00    |           |            | 2.75    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375563  | 111.47 | 112.25 | 130.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375565  | 112.25 | 114.08 | 246.00    | -10.00    |           |            | 2.86    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375566  | 114.08 | 115.36 | 24.00     | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375567  | 115.36 | 116.88 | 84.00     | -10.00    |           |            | 2.84    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375569  | 116.88 | 118.76 | 93.00     | -10.00    |           |            | 2.84    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375570  | 118.76 | 119.90 | 42.00     | -10.00    |           |            | 2.83    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375571  | 119.90 | 121.23 | 17.00     | -10.00    |           |            | 2.81    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375572  | 121.23 | 121.56 | 52.00     | -10.00    |           |            | 2.85    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375573  | 121.23 | 121.56 | 56.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375574  | 121.56 | 121.88 | 261.00    | -10.00    |           |            | 2.89    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375575  | 121.88 | 123.50 | 117.00    | -10.00    |           |            | 2.71    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375576  | 123.50 | 125.00 | 85.00     | -10.00    |           |            | 2.74    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375577  | 125.00 | 126.34 | 98.00     | -10.00    |           |            | 2.84    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375578  | 126.34 | 127.85 | 125.00    | -10.00    |           |            | 2.75    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375579  | 127.85 | 129.44 | 57.00     | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375580  | 129.44 | 131.00 | 47.00     | -10.00    |           |            | 2.82    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375581  | 131.00 | 132.77 | 100.00    | -10.00    |           |            | 2.76    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375582  | 132.77 | 134.36 | 82.00     | -10.00    |           |            | 2.81    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375583  | 134.36 | 135.96 | 31.00     | -10.00    |           |            | 2.82    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375585  | 135.96 | 137.72 | 62.00     | -10.00    |           |            | 2.70    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375586  | 137.72 | 139.63 | 63.00     | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375587  | 139.63 | 140.99 | 24.00     | -10.00    |           |            | 2.78    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375588  | 140.99 | 142.89 | 159.00    | -10.00    |           |            | 2.93    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375589  | 140.99 | 142.89 | 154.00    | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375590  | 142.89 | 144.59 | 65.00     | -10.00    |           |            | 2.81    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375591  | 144.59 | 146.09 | 41.00     | -10.00    |           |            | 2.76    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375592  | 146.09 | 147.05 | 22.00     | -10.00    |           |            | 2.79    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375593  | 147.05 | 149.00 | 37.00     | -10.00    |           |            | 2.87    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375595  | 149.00 | 151.00 | 94.00     | -10.00    |           |            | 2.92    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375596  | 151.00 | 152.00 | 94.00     | -10.00    |           |            | 2.95    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375597  | 152.00 | 153.72 | 87.00     | -10.00    |           |            | 2.79    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375598  | 153.72 | 155.13 | 111.00    | -10.00    |           |            | 2.78    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375599  | 155.13 | 156.97 | 71.00     | -10.00    |           |            | 2.74    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375600  | 156.97 | 158.48 | 36.00     | -10.00    |           |            | 2.70    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375601  | 158.48 | 159.85 | 20.00     | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375602  | 159.85 | 161.73 | 53.00     | -10.00    |           |            | 2.79    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375603  | 161.73 | 163.37 | 9.00      | -10.00    |           |            | 2.78    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375604  | 163.37 | 164.16 | 12.00     | -10.00    |           |            | 2.74    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375605  | 164.16 | 165.50 | 102.00    | -10.00    |           |            | 2.75    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm | Ag AA ppm | Ag ICP ppm |
|-----------|----------|--------|--------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|------------|
| K-12-0437 | M375606  | 165.50 | 167.60 | HCORE         | FALSE     |                | 0.06        | 0.80        | 10.00       | 97.00       | 0.06      |            |           |           | 0.80       |
| K-12-0437 | M375608  | 167.60 | 169.88 | HCORE         | FALSE     |                | 0.02        | 0.80        | 14.00       | 85.00       | 0.02      |            |           |           | 0.80       |
| K-12-0437 | M375609  | 169.88 | 171.55 | HCORE         | FALSE     |                | 0.03        | -0.50       | 5.00        | 16.00       | 0.03      |            |           |           | -0.50      |
| K-12-0437 | M375610  | 171.55 | 173.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 4.00        | 20.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375612  | 173.00 | 175.03 | HCORE         | FALSE     |                | 0.02        | -0.50       | 3.00        | 44.00       | 0.02      |            |           |           | -0.50      |
| K-12-0437 | M375613  | 175.03 | 176.76 | HCORE         | TRUE      |                | 0.02        | 0.70        | 13.00       | 105.00      | 0.02      |            |           |           | 0.70       |
| K-12-0437 | M375614  | 175.03 | 176.76 | DUP           | FALSE     | M375613        | 0.01        | 0.70        | 16.00       | 116.00      | 0.01      |            |           |           | 0.70       |
| K-12-0437 | M375615  | 176.76 | 179.00 | HCORE         | FALSE     |                | 0.02        | 0.70        | 13.00       | 107.00      | 0.02      |            |           |           | 0.70       |
| K-12-0437 | M375616  | 179.00 | 180.43 | HCORE         | FALSE     |                | 0.01        | 0.70        | 7.00        | 80.00       | 0.01      |            |           |           | 0.70       |
| K-12-0437 | M375617  | 180.43 | 182.00 | HCORE         | FALSE     |                | 0.06        | 0.90        | 14.00       | 140.00      | 0.06      |            |           |           | 0.90       |
| K-12-0437 | M375618  | 182.00 | 183.60 | HCORE         | FALSE     |                | 0.01        | 1.30        | 17.00       | 152.00      | 0.01      |            |           |           | 1.30       |
| K-12-0437 | M375619  | 183.60 | 185.41 | HCORE         | FALSE     |                | 0.01        | 1.00        | 35.00       | 178.00      | 0.01      |            |           |           | 1.00       |
| K-12-0437 | M375620  | 185.41 | 186.11 | HCORE         | FALSE     |                | 0.01        | 3.40        | 1025.00     | 1905.00     | 0.01      |            |           |           | 3.40       |
| K-12-0437 | M375621  | 186.11 | 187.79 | HCORE         | FALSE     |                | 0.01        | 0.90        | 17.00       | 131.00      | 0.01      |            |           |           | 0.90       |
| K-12-0437 | M375622  | 187.79 | 189.35 | HCORE         | FALSE     |                | 0.01        | -0.50       | 9.00        | 111.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375623  | 189.35 | 190.78 | HCORE         | FALSE     |                | 0.01        | -0.50       | 4.00        | 136.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375625  | 190.78 | 192.29 | HCORE         | FALSE     |                | 0.02        | -0.50       | 13.00       | 161.00      | 0.02      |            |           |           | -0.50      |
| K-12-0437 | M375626  | 192.29 | 194.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 11.00       | 107.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375627  | 194.00 | 195.97 | HCORE         | FALSE     |                | 0.01        | -0.50       | 6.00        | 77.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375628  | 195.97 | 197.95 | HCORE         | FALSE     |                | 0.01        | -0.50       | 7.00        | 93.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375629  | 197.95 | 200.00 | HCORE         | TRUE      |                | 0.01        | -0.50       | 21.00       | 91.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375630  | 197.95 | 200.00 | DUP           | FALSE     | M375629        | 0.01        | -0.50       | 10.00       | 87.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375631  | 200.00 | 201.87 | HCORE         | FALSE     |                | 0.01        | -0.50       | 19.00       | 95.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375632  | 201.87 | 203.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 11.00       | 100.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375633  | 203.00 | 204.40 | HCORE         | FALSE     |                | 0.01        | -0.50       | 6.00        | 106.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375634  | 204.40 | 206.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 17.00       | 116.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375636  | 206.00 | 207.97 | HCORE         | FALSE     |                | 0.01        | -0.50       | 27.00       | 110.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375637  | 207.97 | 209.80 | HCORE         | FALSE     |                | 0.01        | -0.50       | 14.00       | 117.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375638  | 209.80 | 211.77 | HCORE         | FALSE     |                | 0.01        | -0.50       | 21.00       | 107.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375639  | 211.77 | 213.24 | HCORE         | FALSE     |                | 0.01        | -0.50       | 22.00       | 120.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375640  | 213.24 | 215.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 17.00       | 121.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375641  | 215.00 | 216.56 | HCORE         | FALSE     |                | -0.01       | -0.50       | 17.00       | 128.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375642  | 216.56 | 218.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 11.00       | 101.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375643  | 218.00 | 219.70 | HCORE         | TRUE      |                | -0.01       | -0.50       | 10.00       | 75.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375644  | 218.00 | 219.70 | DUP           | FALSE     | M375643        | 0.01        | -0.50       | 5.00        | 75.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375645  | 219.70 | 221.00 | HCORE         | FALSE     |                | -0.01       | 80.90       | 338.00      | 666.00      | -0.01     |            |           |           | 80.90      |
| K-12-0437 | M375646  | 221.00 | 222.80 | HCORE         | FALSE     |                | 0.01        | 0.50        | 93.00       | 313.00      | 0.01      |            |           |           | 0.50       |
| K-12-0437 | M375647  | 222.80 | 223.51 | HCORE         | FALSE     |                | 0.01        | -0.50       | 46.00       | 173.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375648  | 223.51 | 225.10 | HCORE         | FALSE     |                | 0.01        | 0.90        | 169.00      | 497.00      | 0.01      |            |           |           | 0.90       |
| K-12-0437 | M375650  | 225.10 | 227.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 23.00       | 105.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375651  | 227.00 | 227.51 | HCORE         | FALSE     |                | 0.01        | -0.50       | 62.00       | 292.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375652  | 227.51 | 228.90 | HCORE         | FALSE     |                | 0.02        | -0.50       | 17.00       | 84.00       | 0.02      |            |           |           | -0.50      |
| K-12-0437 | M375653  | 228.90 | 230.42 | HCORE         | FALSE     |                | 0.02        | -0.50       | 18.00       | 167.00      | 0.02      |            |           |           | -0.50      |
| K-12-0437 | M375654  | 230.42 | 232.42 | HCORE         | FALSE     |                | 0.01        | -0.50       | 20.00       | 119.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375655  | 232.42 | 234.30 | HCORE         | FALSE     |                | 0.01        | -0.50       | 9.00        | 80.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375657  | 234.30 | 236.00 | HCORE         | FALSE     |                | 0.01        | -0.50       | 8.00        | 81.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375658  | 236.00 | 237.77 | HCORE         | FALSE     |                | 0.01        | -0.50       | 3.00        | 95.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375659  | 237.77 | 239.68 | HCORE         | FALSE     |                | 0.01        | -0.50       | 5.00        | 76.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375660  | 239.68 | 241.66 | HCORE         | FALSE     |                | 0.01        | -0.50       | 9.00        | 107.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375661  | 241.66 | 243.27 | HCORE         | FALSE     |                | 0.01        | -0.50       | 4.00        | 110.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375662  | 243.27 | 245.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 12.00       | 114.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375663  | 245.00 | 246.96 | HCORE         | FALSE     |                | -0.01       | -0.50       | 18.00       | 111.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375664  | 246.96 | 248.59 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 113.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375665  | 248.59 | 250.12 | HCORE         | TRUE      |                | -0.01       | -0.50       | 17.00       | 100.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375666  | 248.59 | 250.12 | DUP           | FALSE     | M375665        | -0.01       | -0.50       | 14.00       | 104.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375667  | 250.12 | 251.95 | HCORE         | FALSE     |                | -0.01       | -0.50       | 12.00       | 115.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375668  | 251.95 | 253.64 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 132.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375670  | 253.64 | 255.54 | HCORE         | FALSE     |                | -0.01       | -0.50       | 10.00       | 119.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375671  | 255.54 | 257.85 | HCORE         | FALSE     |                | 0.01        | -0.50       | 15.00       | 95.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375672  | 257.85 | 260.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 18.00       | 138.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375673  | 260.00 | 261.98 | HCORE         | FALSE     |                | -0.01       | -0.50       | 21.00       | 157.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375674  | 261.98 | 263.43 | HCORE         | FALSE     |                | -0.01       | -0.50       | 33.00       | 198.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375676  | 263.43 | 264.40 | HCORE         | FALSE     |                | 0.01        | 0.70        | 88.00       | 361.00      | 0.01      |            |           |           | 0.70       |
| K-12-0437 | M375677  | 264.40 | 266.45 | HCORE         | FALSE     |                | -0.01       | -0.50       | 16.00       | 114.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375678  | 266.45 | 268.58 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 117.00      | -0.01     |            |           |           | -0.50      |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL pct | Zn ICP ppm | Zn OL pct | Al ICP pct | As ICP ppm | As OL pct | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP pct |
|-----------|-----------|--------|--------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
| K-12-0437 | M375606   | 165.50 | 167.60 |           |            | 10.00      |           | 97.00      |           | 3.72       | 9.00       |           | 1190.00    | 1.10       | 4.00       | 3.69       |
| K-12-0437 | M375608   | 167.60 | 169.88 |           |            | 14.00      |           | 85.00      |           | 3.78       | -5.00      |           | 1270.00    | 1.00       | -2.00      | 2.98       |
| K-12-0437 | M375609   | 169.88 | 171.55 |           |            | 5.00       |           | 16.00      |           | 0.56       | -5.00      |           | 80.00      | -0.50      | -2.00      | 3.48       |
| K-12-0437 | M375610   | 171.55 | 173.00 |           |            | 4.00       |           | 20.00      |           | 0.50       | -5.00      |           | 90.00      | -0.50      | 2.00       | 4.93       |
| K-12-0437 | M375612   | 173.00 | 175.03 |           |            | 3.00       |           | 44.00      |           | 0.64       | -5.00      |           | 120.00     | -0.50      | 2.00       | 2.69       |
| K-12-0437 | M375613   | 175.03 | 176.76 |           |            | 13.00      |           | 105.00     |           | 4.97       | 10.00      |           | 380.00     | 1.30       | 3.00       | 3.26       |
| K-12-0437 | M375614   | 175.03 | 176.76 |           |            | 16.00      |           | 116.00     |           | 5.33       | 13.00      |           | 370.00     | 1.40       | 2.00       | 3.27       |
| K-12-0437 | M375615   | 176.76 | 179.00 |           |            | 13.00      |           | 107.00     |           | 3.88       | 7.00       |           | 540.00     | 1.00       | -2.00      | 3.27       |
| K-12-0437 | M375616   | 179.00 | 180.43 |           |            | 7.00       |           | 80.00      |           | 3.25       | 5.00       |           | 1260.00    | 0.90       | 2.00       | 1.06       |
| K-12-0437 | M375617   | 180.43 | 182.00 |           |            | 14.00      |           | 140.00     |           | 5.14       | 15.00      |           | 710.00     | 1.30       | -2.00      | 7.81       |
| K-12-0437 | M375618   | 182.00 | 183.60 |           |            | 17.00      |           | 152.00     |           | 6.72       | 19.00      |           | 900.00     | 1.70       | 2.00       | 4.50       |
| K-12-0437 | M375619   | 183.60 | 185.41 |           |            | 35.00      |           | 178.00     |           | 7.73       | 17.00      |           | 200.00     | 1.90       | 4.00       | 1.09       |
| K-12-0437 | M375620   | 185.41 | 186.11 |           |            | 1025.00    |           | 1905.00    |           | 7.55       | 23.00      |           | 1400.00    | 2.00       | 2.00       | 3.39       |
| K-12-0437 | M375621   | 186.11 | 187.79 |           |            | 17.00      |           | 131.00     |           | 6.84       | 21.00      |           | 1540.00    | 1.80       | -2.00      | 2.44       |
| K-12-0437 | M375622   | 187.79 | 189.35 |           |            | 9.00       |           | 111.00     |           | 6.43       | 7.00       |           | 3600.00    | 1.60       | -2.00      | 3.94       |
| K-12-0437 | M375623   | 189.35 | 190.78 |           |            | 4.00       |           | 136.00     |           | 7.86       | 23.00      |           | 3260.00    | 1.00       | -2.00      | 4.22       |
| K-12-0437 | M375625   | 190.78 | 192.29 |           |            | 13.00      |           | 161.00     |           | 6.55       | 30.00      |           | 340.00     | 1.60       | -2.00      | 0.40       |
| K-12-0437 | M375626   | 192.29 | 194.00 |           |            | 11.00      |           | 107.00     |           | 5.65       | 13.00      |           | 4490.00    | 1.50       | -2.00      | 0.53       |
| K-12-0437 | M375627   | 194.00 | 195.97 |           |            | 6.00       |           | 77.00      |           | 4.70       | -5.00      |           | 7740.00    | 1.30       | -2.00      | 0.34       |
| K-12-0437 | M375628   | 195.97 | 197.95 |           |            | 7.00       |           | 93.00      |           | 5.11       | -5.00      |           | 7750.00    | 1.40       | -2.00      | 0.31       |
| K-12-0437 | M375629   | 197.95 | 200.00 |           |            | 21.00      |           | 91.00      |           | 5.08       | -5.00      |           | 6610.00    | 1.40       | -2.00      | 0.34       |
| K-12-0437 | M375630   | 197.95 | 200.00 |           |            | 10.00      |           | 87.00      |           | 4.73       | -5.00      |           | 6380.00    | 1.30       | -2.00      | 0.39       |
| K-12-0437 | M375631   | 200.00 | 201.87 |           |            | 19.00      |           | 95.00      |           | 5.16       | -5.00      |           | 5360.00    | 1.40       | -2.00      | 0.36       |
| K-12-0437 | M375632   | 201.87 | 203.00 |           |            | 11.00      |           | 100.00     |           | 4.94       | -5.00      |           | 5180.00    | 1.30       | -2.00      | 0.43       |
| K-12-0437 | M375633   | 203.00 | 204.40 |           |            | 6.00       |           | 106.00     |           | 5.48       | -5.00      |           | 5680.00    | 1.50       | 2.00       | 0.43       |
| K-12-0437 | M375634   | 204.40 | 206.00 |           |            | 17.00      |           | 116.00     |           | 6.04       | -5.00      |           | 6350.00    | 1.70       | -2.00      | 0.48       |
| K-12-0437 | M375636   | 206.00 | 207.97 |           |            | 27.00      |           | 110.00     |           | 6.11       | -5.00      |           | 5890.00    | 1.80       | -2.00      | 0.56       |
| K-12-0437 | M375637   | 207.97 | 209.80 |           |            | 14.00      |           | 117.00     |           | 6.40       | -5.00      |           | 5610.00    | 1.80       | -2.00      | 0.83       |
| K-12-0437 | M375638   | 209.80 | 211.77 |           |            | 21.00      |           | 107.00     |           | 6.19       | 9.00       |           | 5040.00    | 2.20       | -2.00      | 0.46       |
| K-12-0437 | M375639   | 211.77 | 213.24 |           |            | 22.00      |           | 120.00     |           | 7.06       | 8.00       |           | 6230.00    | 2.60       | -2.00      | 0.41       |
| K-12-0437 | M375640   | 213.24 | 215.00 |           |            | 17.00      |           | 121.00     |           | 6.60       | 8.00       |           | 7610.00    | 2.10       | -2.00      | 0.34       |
| K-12-0437 | M375641   | 215.00 | 216.56 |           |            | 17.00      |           | 128.00     |           | 6.34       | 14.00      |           | 6300.00    | 1.80       | -2.00      | 0.48       |
| K-12-0437 | M375642   | 216.56 | 218.00 |           |            | 11.00      |           | 101.00     |           | 4.97       | -5.00      |           | 8210.00    | 1.30       | -2.00      | 0.50       |
| K-12-0437 | M375643   | 218.00 | 219.70 |           |            | 10.00      |           | 75.00      |           | 3.95       | -5.00      |           | 7700.00    | 1.10       | -2.00      | 0.48       |
| K-12-0437 | M375644   | 218.00 | 219.70 |           |            | 5.00       |           | 75.00      |           | 3.89       | -5.00      |           | 7630.00    | 1.00       | -2.00      | 0.45       |
| K-12-0437 | M375645   | 219.70 | 221.00 |           |            | 338.00     |           | 666.00     |           | 5.20       | 11.00      |           | 6120.00    | 1.40       | -2.00      | 0.51       |
| K-12-0437 | M375646   | 221.00 | 222.80 |           |            | 93.00      |           | 313.00     |           | 5.86       | 16.00      |           | 870.00     | 1.60       | -2.00      | 0.46       |
| K-12-0437 | M375647   | 222.80 | 223.51 |           |            | 46.00      |           | 173.00     |           | 6.05       | 8.00       |           | 1780.00    | 1.80       | -2.00      | 1.00       |
| K-12-0437 | M375648   | 223.51 | 225.10 |           |            | 169.00     |           | 497.00     |           | 6.30       | 38.00      |           | 1680.00    | 1.40       | -2.00      | 1.13       |
| K-12-0437 | M375650   | 225.10 | 227.00 |           |            | 23.00      |           | 105.00     |           | 4.65       | 10.00      |           | 7050.00    | 1.00       | 3.00       | 0.64       |
| K-12-0437 | M375651   | 227.00 | 227.51 |           |            | 62.00      |           | 292.00     |           | 7.29       | 23.00      |           | 900.00     | 2.00       | -2.00      | 0.64       |
| K-12-0437 | M375652   | 227.51 | 228.90 |           |            | 17.00      |           | 84.00      |           | 4.73       | 7.00       |           | 1210.00    | 1.20       | -2.00      | 0.58       |
| K-12-0437 | M375653   | 228.90 | 230.42 |           |            | 18.00      |           | 167.00     |           | 7.42       | 32.00      |           | 440.00     | 2.10       | -2.00      | 0.38       |
| K-12-0437 | M375654   | 230.42 | 232.42 |           |            | 20.00      |           | 119.00     |           | 4.46       | 6.00       |           | 5990.00    | 1.00       | -2.00      | 0.57       |
| K-12-0437 | M375655   | 232.42 | 234.30 |           |            | 9.00       |           | 80.00      |           | 4.87       | -5.00      |           | 6540.00    | 1.00       | -2.00      | 0.92       |
| K-12-0437 | M375657   | 234.30 | 236.00 |           |            | 8.00       |           | 81.00      |           | 4.73       | -5.00      |           | 6830.00    | 1.00       | -2.00      | 0.96       |
| K-12-0437 | M375658   | 236.00 | 237.77 |           |            | 3.00       |           | 95.00      |           | 5.96       | -5.00      |           | 7530.00    | 1.60       | -2.00      | 0.20       |
| K-12-0437 | M375659   | 237.77 | 239.68 |           |            | 5.00       |           | 76.00      |           | 5.98       | -5.00      |           | 9620.00    | 1.00       | -2.00      | 0.51       |
| K-12-0437 | M375660   | 239.68 | 241.66 |           |            | 9.00       |           | 107.00     |           | 3.72       | -5.00      |           | 6950.00    | 1.50       | -2.00      | 0.21       |
| K-12-0437 | M375661   | 241.66 | 243.27 |           |            | 4.00       |           | 110.00     |           | 6.20       | 7.00       |           | 5680.00    | 2.00       | -2.00      | 0.48       |
| K-12-0437 | M375662   | 243.27 | 245.00 |           |            | 12.00      |           | 114.00     |           | 6.15       | -5.00      |           | 5950.00    | 2.00       | -2.00      | 0.28       |
| K-12-0437 | M375663   | 245.00 | 246.96 |           |            | 18.00      |           | 111.00     |           | 5.78       | 9.00       |           | 4280.00    | 1.80       | -2.00      | 0.60       |
| K-12-0437 | M375664   | 246.96 | 248.59 |           |            | 14.00      |           | 113.00     |           | 6.52       | 12.00      |           | 600.00     | 1.70       | -2.00      | 2.57       |
| K-12-0437 | M375665   | 248.59 | 250.12 |           |            | 17.00      |           | 100.00     |           | 6.76       | 17.00      |           | 870.00     | 1.90       | -2.00      | 2.83       |
| K-12-0437 | M375666   | 248.59 | 250.12 |           |            | 14.00      |           | 104.00     |           | 6.75       | 15.00      |           | 840.00     | 1.80       | -2.00      | 2.74       |
| K-12-0437 | M375667   | 250.12 | 251.95 |           |            | 12.00      |           | 115.00     |           | 6.04       | 16.00      |           | 790.00     | 1.60       | -2.00      | 1.24       |
| K-12-0437 | M375668   | 251.95 | 253.64 |           |            | 14.00      |           | 132.00     |           | 7.12       | 31.00      |           | 560.00     | 1.90       | -2.00      | 1.31       |
| K-12-0437 | M375670   | 253.64 | 255.54 |           |            | 10.00      |           | 119.00     |           | 7.63       | 21.00      |           | 880.00     | 2.10       | -2.00      | 1.11       |
| K-12-0437 | M375671   | 255.54 | 257.85 |           |            | 15.00      |           | 95.00      |           | 6.54       | 23.00      |           | 690.00     | 1.70       | -2.00      | 2.89       |
| K-12-0437 | M375672   | 257.85 | 260.00 |           |            | 18.00      |           | 138.00     |           | 6.36       | 22.00      |           | 600.00     | 1.90       | -2.00      | 2.55       |
| K-12-0437 | M375673   | 260.00 | 261.98 |           |            | 21.00      |           | 157.00     |           | 6.83       | 22.00      |           | 700.00     | 2.20       | -2.00      | 1.80       |
| K-12-0437 | M375674   | 261.98 | 263.43 |           |            | 33.00      |           | 198.00     |           | 6.04       | 34.00      |           | 570.00     | 2.00       | -2.00      | 2.79       |
| K-12-0437 | M375676   | 263.43 | 264.40 |           |            | 88.00      |           | 361.00     |           | 5.33       | 32.00      |           | 440.00     | 1.90       | -2.00      | 2.01       |
| K-12-0437 | M375677   | 264.40 | 266.45 |           |            | 16.00      |           | 114.00     |           | 6.34       | 15.00      |           | 640.00     | 1.70       | -2.00      | 2.46       |
| K-12-0437 | M375678   | 266.45 | 268.58 |           |            | 14.00      |           | 117.00     |           | 6.95       | 19.00      |           | 720.00     | 1.80       | -2.00      | 2.65       |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Cd ICP ppm | Cd OL pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm | Cu OL pct | Fe ICP pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0437 | M375606   | 165.50 | 167.60 | 0.70       |           |            | 6.00       | 71.00      |            | 64.00      |           | 2.10       |            | 10.00      |            |            |
| K-12-0437 | M375608   | 167.60 | 169.88 | -0.50      |           |            | 5.00       | 77.00      |            | 49.00      |           | 2.41       |            | 10.00      |            |            |
| K-12-0437 | M375609   | 169.88 | 171.55 | -0.50      |           |            | 1.00       | 49.00      |            | 2.00       |           | 0.67       |            | -10.00     |            |            |
| K-12-0437 | M375610   | 171.55 | 173.00 | -0.50      |           |            | 2.00       | 32.00      |            | 1.00       |           | 0.59       |            | -10.00     |            |            |
| K-12-0437 | M375612   | 173.00 | 175.03 | -0.50      |           |            | 2.00       | 57.00      |            | 3.00       |           | 0.73       |            | -10.00     |            |            |
| K-12-0437 | M375613   | 175.03 | 176.76 | 0.60       |           |            | 8.00       | 79.00      |            | 36.00      |           | 2.99       |            | 10.00      |            |            |
| K-12-0437 | M375614   | 175.03 | 176.76 | 0.60       |           |            | 9.00       | 86.00      |            | 39.00      |           | 3.19       |            | 10.00      |            |            |
| K-12-0437 | M375615   | 176.76 | 179.00 | 0.70       |           |            | 6.00       | 82.00      |            | 57.00      |           | 2.11       |            | 10.00      |            |            |
| K-12-0437 | M375616   | 179.00 | 180.43 | -0.50      |           |            | 5.00       | 69.00      |            | 55.00      |           | 1.83       |            | 10.00      |            |            |
| K-12-0437 | M375617   | 180.43 | 182.00 | 1.20       |           |            | 7.00       | 97.00      |            | 46.00      |           | 2.79       |            | 10.00      |            |            |
| K-12-0437 | M375618   | 182.00 | 183.60 | 1.10       |           |            | 11.00      | 106.00     |            | 59.00      |           | 3.76       |            | 20.00      |            |            |
| K-12-0437 | M375619   | 183.60 | 185.41 | 1.00       |           |            | 13.00      | 104.00     |            | 40.00      |           | 4.42       |            | 20.00      |            |            |
| K-12-0437 | M375620   | 185.41 | 186.11 | 23.10      |           |            | 12.00      | 88.00      |            | 52.00      |           | 4.09       |            | 20.00      |            |            |
| K-12-0437 | M375621   | 186.11 | 187.79 | 0.60       |           |            | 11.00      | 90.00      |            | 54.00      |           | 3.94       |            | 20.00      |            |            |
| K-12-0437 | M375622   | 187.79 | 189.35 | -0.50      |           |            | 10.00      | 78.00      |            | 64.00      |           | 3.46       |            | 20.00      |            |            |
| K-12-0437 | M375623   | 189.35 | 190.78 | -0.50      |           |            | 30.00      | 177.00     |            | 138.00     |           | 6.21       |            | 20.00      |            |            |
| K-12-0437 | M375625   | 190.78 | 192.29 | 0.70       |           |            | 17.00      | 101.00     |            | 90.00      |           | 4.45       |            | 20.00      |            |            |
| K-12-0437 | M375626   | 192.29 | 194.00 | -0.50      |           |            | 19.00      | 80.00      |            | 121.00     |           | 3.47       |            | 20.00      |            |            |
| K-12-0437 | M375627   | 194.00 | 195.97 | -0.50      |           |            | 12.00      | 71.00      |            | 102.00     |           | 2.71       |            | 20.00      |            |            |
| K-12-0437 | M375628   | 195.97 | 197.95 | -0.50      |           |            | 11.00      | 69.00      |            | 79.00      |           | 2.87       |            | 20.00      |            |            |
| K-12-0437 | M375629   | 197.95 | 200.00 | -0.50      |           |            | 12.00      | 71.00      |            | 77.00      |           | 2.88       |            | 10.00      |            |            |
| K-12-0437 | M375630   | 197.95 | 200.00 | -0.50      |           |            | 12.00      | 68.00      |            | 73.00      |           | 2.73       |            | 10.00      |            |            |
| K-12-0437 | M375631   | 200.00 | 201.87 | -0.50      |           |            | 14.00      | 76.00      |            | 89.00      |           | 2.94       |            | 10.00      |            |            |
| K-12-0437 | M375632   | 201.87 | 203.00 | -0.50      |           |            | 12.00      | 63.00      |            | 55.00      |           | 3.04       |            | 10.00      |            |            |
| K-12-0437 | M375633   | 203.00 | 204.40 | -0.50      |           |            | 15.00      | 70.00      |            | 103.00     |           | 3.24       |            | 20.00      |            |            |
| K-12-0437 | M375634   | 204.40 | 206.00 | -0.50      |           |            | 18.00      | 82.00      |            | 152.00     |           | 3.45       |            | 20.00      |            |            |
| K-12-0437 | M375636   | 206.00 | 207.97 | -0.50      |           |            | 16.00      | 79.00      |            | 104.00     |           | 3.48       |            | 20.00      |            |            |
| K-12-0437 | M375637   | 207.97 | 209.80 | -0.50      |           |            | 18.00      | 76.00      |            | 84.00      |           | 3.76       |            | 20.00      |            |            |
| K-12-0437 | M375638   | 209.80 | 211.77 | 1.40       |           |            | 17.00      | 74.00      |            | 129.00     |           | 3.22       |            | 20.00      |            |            |
| K-12-0437 | M375639   | 211.77 | 213.24 | -0.50      |           |            | 18.00      | 73.00      |            | 100.00     |           | 3.73       |            | 20.00      |            |            |
| K-12-0437 | M375640   | 213.24 | 215.00 | -0.50      |           |            | 17.00      | 83.00      |            | 95.00      |           | 3.74       |            | 20.00      |            |            |
| K-12-0437 | M375641   | 215.00 | 216.56 | -0.50      |           |            | 19.00      | 82.00      |            | 104.00     |           | 3.55       |            | 20.00      |            |            |
| K-12-0437 | M375642   | 216.56 | 218.00 | -0.50      |           |            | 12.00      | 73.00      |            | 84.00      |           | 2.94       |            | 10.00      |            |            |
| K-12-0437 | M375643   | 218.00 | 219.70 | -0.50      |           |            | 10.00      | 53.00      |            | 73.00      |           | 2.41       |            | 10.00      |            |            |
| K-12-0437 | M375644   | 218.00 | 219.70 | -0.50      |           |            | 10.00      | 52.00      |            | 67.00      |           | 2.39       |            | 10.00      |            |            |
| K-12-0437 | M375645   | 219.70 | 221.00 | 8.70       |           |            | 11.00      | 70.00      |            | 84.00      |           | 2.98       |            | 20.00      |            |            |
| K-12-0437 | M375646   | 221.00 | 222.80 | 3.10       |           |            | 13.00      | 95.00      |            | 97.00      |           | 3.54       |            | 20.00      |            |            |
| K-12-0437 | M375647   | 222.80 | 223.51 | 1.10       |           |            | 13.00      | 96.00      |            | 91.00      |           | 3.47       |            | 20.00      |            |            |
| K-12-0437 | M375648   | 223.51 | 225.10 | 5.20       |           |            | 19.00      | 126.00     |            | 112.00     |           | 3.63       |            | 20.00      |            |            |
| K-12-0437 | M375650   | 225.10 | 227.00 | 0.50       |           |            | 13.00      | 55.00      |            | 109.00     |           | 3.02       |            | 10.00      |            |            |
| K-12-0437 | M375651   | 227.00 | 227.51 | 2.40       |           |            | 12.00      | 111.00     |            | 61.00      |           | 3.48       |            | 20.00      |            |            |
| K-12-0437 | M375652   | 227.51 | 228.90 | -0.50      |           |            | 10.00      | 74.00      |            | 112.00     |           | 2.94       |            | 10.00      |            |            |
| K-12-0437 | M375653   | 228.90 | 230.42 | -0.50      |           |            | 20.00      | 124.00     |            | 99.00      |           | 4.41       |            | 20.00      |            |            |
| K-12-0437 | M375654   | 230.42 | 232.42 | 0.50       |           |            | 12.00      | 56.00      |            | 108.00     |           | 2.72       |            | 10.00      |            |            |
| K-12-0437 | M375655   | 232.42 | 234.30 | -0.50      |           |            | 12.00      | 56.00      |            | 132.00     |           | 3.64       |            | 10.00      |            |            |
| K-12-0437 | M375657   | 234.30 | 236.00 | -0.50      |           |            | 11.00      | 64.00      |            | 107.00     |           | 3.17       |            | 10.00      |            |            |
| K-12-0437 | M375658   | 236.00 | 237.77 | -0.50      |           |            | 12.00      | 79.00      |            | 128.00     |           | 3.30       |            | 20.00      |            |            |
| K-12-0437 | M375659   | 237.77 | 239.68 | -0.50      |           |            | 9.00       | 61.00      |            | 54.00      |           | 2.37       |            | 10.00      |            |            |
| K-12-0437 | M375660   | 239.68 | 241.66 | -0.50      |           |            | 16.00      | 72.00      |            | 126.00     |           | 3.16       |            | 20.00      |            |            |
| K-12-0437 | M375661   | 241.66 | 243.27 | -0.50      |           |            | 16.00      | 65.00      |            | 92.00      |           | 3.47       |            | 20.00      |            |            |
| K-12-0437 | M375662   | 243.27 | 245.00 | -0.50      |           |            | 17.00      | 60.00      |            | 107.00     |           | 3.67       |            | 20.00      |            |            |
| K-12-0437 | M375663   | 245.00 | 246.96 | -0.50      |           |            | 16.00      | 74.00      |            | 109.00     |           | 3.54       |            | 20.00      |            |            |
| K-12-0437 | M375664   | 246.96 | 248.59 | 0.90       |           |            | 12.00      | 86.00      |            | 36.00      |           | 3.84       |            | 20.00      |            |            |
| K-12-0437 | M375665   | 248.59 | 250.12 | 0.60       |           |            | 14.00      | 80.00      |            | 34.00      |           | 4.03       |            | 20.00      |            |            |
| K-12-0437 | M375666   | 248.59 | 250.12 | 0.50       |           |            | 13.00      | 81.00      |            | 32.00      |           | 3.93       |            | 20.00      |            |            |
| K-12-0437 | M375667   | 250.12 | 251.95 | 0.80       |           |            | 13.00      | 76.00      |            | 27.00      |           | 3.66       |            | 20.00      |            |            |
| K-12-0437 | M375668   | 251.95 | 253.64 | 0.90       |           |            | 16.00      | 87.00      |            | 35.00      |           | 4.49       |            | 20.00      |            |            |
| K-12-0437 | M375670   | 253.64 | 255.54 | 0.70       |           |            | 15.00      | 85.00      |            | 38.00      |           | 4.44       |            | 20.00      |            |            |
| K-12-0437 | M375671   | 255.54 | 257.85 | 0.60       |           |            | 12.00      | 67.00      |            | 35.00      |           | 3.90       |            | 20.00      |            |            |
| K-12-0437 | M375672   | 257.85 | 260.00 | 1.20       |           |            | 12.00      | 65.00      |            | 30.00      |           | 3.84       |            | 20.00      |            |            |
| K-12-0437 | M375673   | 260.00 | 261.98 | 1.30       |           |            | 14.00      | 73.00      |            | 36.00      |           | 4.06       |            | 20.00      |            |            |
| K-12-0437 | M375674   | 261.98 | 263.43 | 2.20       |           |            | 11.00      | 67.00      |            | 30.00      |           | 3.61       |            | 20.00      |            |            |
| K-12-0437 | M375676   | 263.43 | 264.40 | 3.80       |           |            | 10.00      | 61.00      |            | 26.00      |           | 3.01       |            | 10.00      |            |            |
| K-12-0437 | M375677   | 264.40 | 266.45 | 0.80       |           |            | 12.00      | 68.00      |            | 31.00      |           | 3.77       |            | 10.00      |            |            |
| K-12-0437 | M375678   | 266.45 | 268.58 | 0.60       |           |            | 14.00      | 77.00      |            | 31.00      |           | 4.23       |            | 20.00      |            |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|
| K-12-0437 | M375606   | 165.50 | 167.60 |            | 0.94      | 10.00      |            | 0.81       | 374.00     | 14.00      | 0.21       |            |            | 33.00     | 310.00     |            |
| K-12-0437 | M375608   | 167.60 | 169.88 |            | 0.88      | 20.00      |            | 0.68       | 469.00     | 11.00      | 0.25       |            |            | 31.00     | 390.00     |            |
| K-12-0437 | M375609   | 169.88 | 171.55 |            | 0.07      | 10.00      |            | 0.16       | 435.00     | 2.00       | 0.05       |            |            | 2.00      | 250.00     |            |
| K-12-0437 | M375610   | 171.55 | 173.00 |            | 0.07      | -10.00     |            | 0.11       | 608.00     | 1.00       | 0.05       |            |            | 2.00      | 210.00     |            |
| K-12-0437 | M375612   | 173.00 | 175.03 |            | 0.08      | 10.00      |            | 0.12       | 408.00     | 2.00       | 0.08       |            |            | 3.00      | 230.00     |            |
| K-12-0437 | M375613   | 175.03 | 176.76 |            | 1.19      | 20.00      |            | 0.71       | 393.00     | 14.00      | 0.31       |            |            | 39.00     | 490.00     |            |
| K-12-0437 | M375614   | 175.03 | 176.76 |            | 1.30      | 20.00      |            | 0.77       | 398.00     | 16.00      | 0.32       |            |            | 43.00     | 500.00     |            |
| K-12-0437 | M375615   | 176.76 | 179.00 |            | 0.97      | 20.00      |            | 0.58       | 337.00     | 17.00      | 0.28       |            |            | 36.00     | 310.00     |            |
| K-12-0437 | M375616   | 179.00 | 180.43 |            | 0.80      | 10.00      |            | 0.44       | 243.00     | 9.00       | 0.28       |            |            | 26.00     | 310.00     |            |
| K-12-0437 | M375617   | 180.43 | 182.00 |            | 1.33      | 20.00      |            | 0.87       | 569.00     | 38.00      | 0.35       |            |            | 53.00     | 370.00     |            |
| K-12-0437 | M375618   | 182.00 | 183.60 |            | 1.77      | 20.00      |            | 0.93       | 400.00     | 50.00      | 0.41       |            |            | 74.00     | 310.00     |            |
| K-12-0437 | M375619   | 183.60 | 185.41 |            | 1.97      | 30.00      |            | 1.05       | 426.00     | 18.00      | 0.52       |            |            | 57.00     | 410.00     |            |
| K-12-0437 | M375620   | 185.41 | 186.11 |            | 2.29      | 30.00      |            | 1.15       | 1140.00    | 21.00      | 0.32       |            |            | 50.00     | 410.00     |            |
| K-12-0437 | M375621   | 186.11 | 187.79 |            | 2.14      | 20.00      |            | 0.96       | 949.00     | 32.00      | 0.19       |            |            | 64.00     | 390.00     |            |
| K-12-0437 | M375622   | 187.79 | 189.35 |            | 1.94      | 20.00      |            | 1.02       | 732.00     | 18.00      | 0.13       |            |            | 57.00     | 350.00     |            |
| K-12-0437 | M375623   | 189.35 | 190.78 |            | 1.20      | 10.00      |            | 2.55       | 1370.00    | 3.00       | 0.55       |            |            | 98.00     | 570.00     |            |
| K-12-0437 | M375625   | 190.78 | 192.29 |            | 1.87      | 20.00      |            | 1.07       | 792.00     | 4.00       | 0.25       |            |            | 85.00     | 430.00     |            |
| K-12-0437 | M375626   | 192.29 | 194.00 |            | 1.58      | 20.00      |            | 1.19       | 1860.00    | 4.00       | 0.17       |            |            | 59.00     | 330.00     |            |
| K-12-0437 | M375627   | 194.00 | 195.97 |            | 1.35      | 20.00      |            | 0.91       | 1175.00    | 1.00       | 0.26       |            |            | 34.00     | 330.00     |            |
| K-12-0437 | M375628   | 195.97 | 197.95 |            | 1.59      | 20.00      |            | 0.97       | 1360.00    | 1.00       | 0.25       |            |            | 41.00     | 360.00     |            |
| K-12-0437 | M375629   | 197.95 | 200.00 |            | 1.61      | 20.00      |            | 0.96       | 1180.00    | 1.00       | 0.24       |            |            | 41.00     | 360.00     |            |
| K-12-0437 | M375630   | 197.95 | 200.00 |            | 1.50      | 20.00      |            | 0.92       | 1200.00    | 1.00       | 0.20       |            |            | 38.00     | 350.00     |            |
| K-12-0437 | M375631   | 200.00 | 201.87 |            | 1.68      | 20.00      |            | 1.02       | 1155.00    | 2.00       | 0.21       |            |            | 48.00     | 390.00     |            |
| K-12-0437 | M375632   | 201.87 | 203.00 |            | 1.52      | 20.00      |            | 1.06       | 1025.00    | -1.00      | 0.22       |            |            | 46.00     | 400.00     |            |
| K-12-0437 | M375633   | 203.00 | 204.40 |            | 1.72      | 20.00      |            | 1.16       | 1015.00    | 1.00       | 0.27       |            |            | 50.00     | 410.00     |            |
| K-12-0437 | M375634   | 204.40 | 206.00 |            | 1.89      | 20.00      |            | 1.24       | 1020.00    | 2.00       | 0.44       |            |            | 54.00     | 490.00     |            |
| K-12-0437 | M375636   | 206.00 | 207.97 |            | 1.84      | 30.00      |            | 1.30       | 1790.00    | 2.00       | 0.38       |            |            | 57.00     | 540.00     |            |
| K-12-0437 | M375637   | 207.97 | 209.80 |            | 1.96      | 30.00      |            | 1.45       | 5210.00    | 2.00       | 0.40       |            |            | 62.00     | 560.00     |            |
| K-12-0437 | M375638   | 209.80 | 211.77 |            | 1.88      | 30.00      |            | 1.35       | 1990.00    | 10.00      | 0.54       |            |            | 52.00     | 350.00     |            |
| K-12-0437 | M375639   | 211.77 | 213.24 |            | 2.16      | 30.00      |            | 1.53       | 1785.00    | 1.00       | 0.47       |            |            | 55.00     | 380.00     |            |
| K-12-0437 | M375640   | 213.24 | 215.00 |            | 1.98      | 30.00      |            | 1.40       | 1165.00    | 1.00       | 0.30       |            |            | 61.00     | 430.00     |            |
| K-12-0437 | M375641   | 215.00 | 216.56 |            | 1.86      | 20.00      |            | 1.38       | 1635.00    | 2.00       | 0.51       |            |            | 63.00     | 420.00     |            |
| K-12-0437 | M375642   | 216.56 | 218.00 |            | 1.51      | 20.00      |            | 1.02       | 1065.00    | 2.00       | 0.25       |            |            | 49.00     | 410.00     |            |
| K-12-0437 | M375643   | 218.00 | 219.70 |            | 1.14      | 10.00      |            | 0.82       | 1180.00    | 1.00       | 0.04       |            |            | 36.00     | 310.00     |            |
| K-12-0437 | M375644   | 218.00 | 219.70 |            | 1.12      | 10.00      |            | 0.82       | 1115.00    | 1.00       | 0.04       |            |            | 34.00     | 310.00     |            |
| K-12-0437 | M375645   | 219.70 | 221.00 |            | 1.53      | 20.00      |            | 1.02       | 1605.00    | 1.00       | 0.07       |            |            | 43.00     | 420.00     |            |
| K-12-0437 | M375646   | 221.00 | 222.80 |            | 1.88      | 20.00      |            | 1.10       | 1160.00    | 4.00       | 0.09       |            |            | 61.00     | 370.00     |            |
| K-12-0437 | M375647   | 222.80 | 223.51 |            | 1.80      | 30.00      |            | 1.33       | 1930.00    | 3.00       | 0.11       |            |            | 66.00     | 560.00     |            |
| K-12-0437 | M375648   | 223.51 | 225.10 |            | 1.70      | 20.00      |            | 1.30       | 1595.00    | 7.00       | 0.23       |            |            | 90.00     | 760.00     |            |
| K-12-0437 | M375650   | 225.10 | 227.00 |            | 1.05      | 10.00      |            | 1.21       | 1500.00    | 3.00       | 0.27       |            |            | 27.00     | 350.00     |            |
| K-12-0437 | M375651   | 227.00 | 227.51 |            | 2.21      | 30.00      |            | 1.16       | 746.00     | 3.00       | 0.19       |            |            | 58.00     | 460.00     |            |
| K-12-0437 | M375652   | 227.51 | 228.90 |            | 1.32      | 20.00      |            | 0.94       | 1260.00    | 3.00       | 0.09       |            |            | 42.00     | 330.00     |            |
| K-12-0437 | M375653   | 228.90 | 230.42 |            | 2.40      | 30.00      |            | 1.28       | 691.00     | 4.00       | 0.20       |            |            | 84.00     | 480.00     |            |
| K-12-0437 | M375654   | 230.42 | 232.42 |            | 1.05      | 10.00      |            | 1.05       | 1025.00    | 4.00       | 0.31       |            |            | 31.00     | 300.00     |            |
| K-12-0437 | M375655   | 232.42 | 234.30 |            | 0.97      | 10.00      |            | 1.20       | 1615.00    | 1.00       | 0.61       |            |            | 35.00     | 390.00     |            |
| K-12-0437 | M375657   | 234.30 | 236.00 |            | 1.13      | 10.00      |            | 1.12       | 1590.00    | 2.00       | 0.51       |            |            | 39.00     | 410.00     |            |
| K-12-0437 | M375658   | 236.00 | 237.77 |            | 1.81      | 20.00      |            | 1.21       | 1290.00    | 1.00       | 0.41       |            |            | 42.00     | 330.00     |            |
| K-12-0437 | M375659   | 237.77 | 239.68 |            | 1.20      | 20.00      |            | 0.84       | 2580.00    | 1.00       | 0.33       |            |            | 34.00     | 330.00     |            |
| K-12-0437 | M375660   | 239.68 | 241.66 |            | 1.68      | 20.00      |            | 1.11       | 1220.00    | 1.00       | 0.65       |            |            | 59.00     | 440.00     |            |
| K-12-0437 | M375661   | 241.66 | 243.27 |            | 2.11      | 30.00      |            | 1.27       | 2980.00    | 1.00       | 0.35       |            |            | 57.00     | 540.00     |            |
| K-12-0437 | M375662   | 243.27 | 245.00 |            | 1.80      | 30.00      |            | 1.35       | 1490.00    | 3.00       | 0.70       |            |            | 49.00     | 450.00     |            |
| K-12-0437 | M375663   | 245.00 | 246.96 |            | 1.62      | 20.00      |            | 1.26       | 1285.00    | 4.00       | 0.67       |            |            | 45.00     | 500.00     |            |
| K-12-0437 | M375664   | 246.96 | 248.59 |            | 2.04      | 30.00      |            | 1.27       | 547.00     | 9.00       | 0.57       |            |            | 38.00     | 1320.00    |            |
| K-12-0437 | M375665   | 248.59 | 250.12 |            | 2.01      | 30.00      |            | 1.27       | 656.00     | 5.00       | 0.58       |            |            | 36.00     | 1200.00    |            |
| K-12-0437 | M375666   | 248.59 | 250.12 |            | 1.99      | 30.00      |            | 1.27       | 621.00     | 5.00       | 0.60       |            |            | 35.00     | 1180.00    |            |
| K-12-0437 | M375667   | 250.12 | 251.95 |            | 1.84      | 30.00      |            | 1.22       | 406.00     | 4.00       | 0.76       |            |            | 36.00     | 880.00     |            |
| K-12-0437 | M375668   | 251.95 | 253.64 |            | 2.25      | 30.00      |            | 1.43       | 516.00     | 6.00       | 0.58       |            |            | 47.00     | 840.00     |            |
| K-12-0437 | M375670   | 253.64 | 255.54 |            | 2.42      | 30.00      |            | 1.46       | 346.00     | 7.00       | 0.66       |            |            | 47.00     | 1080.00    |            |
| K-12-0437 | M375671   | 255.54 | 257.85 |            | 2.02      | 30.00      |            | 1.51       | 684.00     | 9.00       | 0.51       |            |            | 35.00     | 1230.00    |            |
| K-12-0437 | M375672   | 257.85 | 260.00 |            | 1.78      | 30.00      |            | 1.23       | 763.00     | 8.00       | 0.14       |            |            | 34.00     | 1100.00    |            |
| K-12-0437 | M375673   | 260.00 | 261.98 |            | 1.99      | 30.00      |            | 1.36       | 684.00     | 10.00      | 0.15       |            |            | 44.00     | 1230.00    |            |
| K-12-0437 | M375674   | 261.98 | 263.43 |            | 1.77      | 30.00      |            | 1.43       | 797.00     | 12.00      | 0.10       |            |            | 40.00     | 1110.00    |            |
| K-12-0437 | M375676   | 263.43 | 264.40 |            | 1.55      | 30.00      |            | 1.08       | 614.00     | 11.00      | 0.08       |            |            | 38.00     | 1030.00    |            |
| K-12-0437 | M375677   | 264.40 | 266.45 |            | 2.00      | 30.00      |            | 1.52       | 480.00     | 8.00       | 0.23       |            |            | 38.00     | 1290.00    |            |
| K-12-0437 | M375678   | 266.45 | 268.58 |            | 2.19      | 30.00      |            | 1.51       | 465.00     | 14.00      | 0.65       |            |            | 42.00     | 1270.00    |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Re ICP ppm | S ICP pct | Sb ICP ppm | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Ti ICP ppm | U ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| K-12-0437 | M375606   | 165.50 | 167.60 |            | 1.44      | -5.00      | 8.00       |            |            | 188.00     |            |            | -20.00     | 0.19       | -10.00     | -10.00    |
| K-12-0437 | M375608   | 167.60 | 169.88 |            | 1.69      | -5.00      | 9.00       |            |            | 161.00     |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375609   | 169.88 | 171.55 |            | 0.36      | -5.00      | 1.00       |            |            | 68.00      |            |            | -20.00     | 0.05       | -10.00     | -10.00    |
| K-12-0437 | M375610   | 171.55 | 173.00 |            | 0.32      | -5.00      | 1.00       |            |            | 80.00      |            |            | -20.00     | 0.05       | -10.00     | -10.00    |
| K-12-0437 | M375612   | 173.00 | 175.03 |            | 0.40      | -5.00      | 1.00       |            |            | 64.00      |            |            | -20.00     | 0.06       | -10.00     | -10.00    |
| K-12-0437 | M375613   | 175.03 | 176.76 |            | 2.13      | -5.00      | 10.00      |            |            | 221.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375614   | 175.03 | 176.76 |            | 2.25      | -5.00      | 11.00      |            |            | 238.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375615   | 176.76 | 179.00 |            | 1.48      | -5.00      | 9.00       |            |            | 183.00     |            |            | -20.00     | 0.20       | -10.00     | -10.00    |
| K-12-0437 | M375616   | 179.00 | 180.43 |            | 1.34      | -5.00      | 9.00       |            |            | 94.00      |            |            | -20.00     | 0.18       | -10.00     | -10.00    |
| K-12-0437 | M375617   | 180.43 | 182.00 |            | 1.96      | -5.00      | 11.00      |            |            | 377.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375618   | 182.00 | 183.60 |            | 2.76      | -5.00      | 16.00      |            |            | 312.00     |            |            | -20.00     | 0.32       | -10.00     | -10.00    |
| K-12-0437 | M375619   | 183.60 | 185.41 |            | 3.00      | 6.00       | 15.00      |            |            | 200.00     |            |            | -20.00     | 0.37       | -10.00     | -10.00    |
| K-12-0437 | M375620   | 185.41 | 186.11 |            | 2.95      | 8.00       | 15.00      |            |            | 293.00     |            |            | -20.00     | 0.36       | -10.00     | -10.00    |
| K-12-0437 | M375621   | 186.11 | 187.79 |            | 2.76      | -5.00      | 15.00      |            |            | 239.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375622   | 187.79 | 189.35 |            | 2.29      | -5.00      | 14.00      |            |            | 573.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375623   | 189.35 | 190.78 |            | 1.01      | -5.00      | 28.00      |            |            | 876.00     |            |            | -20.00     | 0.63       | 10.00      | -10.00    |
| K-12-0437 | M375625   | 190.78 | 192.29 |            | 2.38      | -5.00      | 16.00      |            |            | 202.00     |            |            | -20.00     | 0.31       | -10.00     | -10.00    |
| K-12-0437 | M375626   | 192.29 | 194.00 |            | 0.37      | 5.00       | 14.00      |            |            | 147.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    |
| K-12-0437 | M375627   | 194.00 | 195.97 |            | 0.27      | -5.00      | 12.00      |            |            | 121.00     |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375628   | 195.97 | 197.95 |            | 0.13      | -5.00      | 13.00      |            |            | 112.00     |            |            | -20.00     | 0.27       | -10.00     | -10.00    |
| K-12-0437 | M375629   | 197.95 | 200.00 |            | 0.14      | -5.00      | 13.00      |            |            | 106.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375630   | 197.95 | 200.00 |            | 0.17      | 6.00       | 12.00      |            |            | 107.00     |            |            | -20.00     | 0.24       | 10.00      | -10.00    |
| K-12-0437 | M375631   | 200.00 | 201.87 |            | 0.17      | 5.00       | 12.00      |            |            | 113.00     |            |            | -20.00     | 0.26       | -10.00     | -10.00    |
| K-12-0437 | M375632   | 201.87 | 203.00 |            | 0.12      | -5.00      | 12.00      |            |            | 128.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    |
| K-12-0437 | M375633   | 203.00 | 204.40 |            | 0.14      | -5.00      | 13.00      |            |            | 121.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375634   | 204.40 | 206.00 |            | 0.17      | -5.00      | 13.00      |            |            | 178.00     |            |            | -20.00     | 0.30       | -10.00     | -10.00    |
| K-12-0437 | M375636   | 206.00 | 207.97 |            | 0.15      | -5.00      | 13.00      |            |            | 211.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    |
| K-12-0437 | M375637   | 207.97 | 209.80 |            | 0.12      | -5.00      | 14.00      |            |            | 287.00     |            |            | -20.00     | 0.31       | -10.00     | -10.00    |
| K-12-0437 | M375638   | 209.80 | 211.77 |            | 0.12      | -5.00      | 12.00      |            |            | 193.00     |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375639   | 211.77 | 213.24 |            | 0.10      | -5.00      | 13.00      |            |            | 189.00     |            |            | -20.00     | 0.32       | -10.00     | -10.00    |
| K-12-0437 | M375640   | 213.24 | 215.00 |            | 0.25      | -5.00      | 15.00      |            |            | 185.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375641   | 215.00 | 216.56 |            | 0.08      | 5.00       | 14.00      |            |            | 206.00     |            |            | -20.00     | 0.31       | -10.00     | -10.00    |
| K-12-0437 | M375642   | 216.56 | 218.00 |            | 0.10      | -5.00      | 12.00      |            |            | 195.00     |            |            | -20.00     | 0.25       | -10.00     | -10.00    |
| K-12-0437 | M375643   | 218.00 | 219.70 |            | 0.27      | -5.00      | 10.00      |            |            | 153.00     |            |            | -20.00     | 0.19       | -10.00     | -10.00    |
| K-12-0437 | M375644   | 218.00 | 219.70 |            | 0.25      | -5.00      | 9.00       |            |            | 156.00     |            |            | -20.00     | 0.19       | -10.00     | -10.00    |
| K-12-0437 | M375645   | 219.70 | 221.00 |            | 0.19      | -5.00      | 13.00      |            |            | 91.00      |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375646   | 221.00 | 222.80 |            | 1.09      | 5.00       | 14.00      |            |            | 111.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    |
| K-12-0437 | M375647   | 222.80 | 223.51 |            | 0.71      | 5.00       | 14.00      |            |            | 151.00     |            |            | -20.00     | 0.29       | 10.00      | -10.00    |
| K-12-0437 | M375648   | 223.51 | 225.10 |            | 0.94      | 7.00       | 19.00      |            |            | 201.00     |            |            | -20.00     | 0.37       | -10.00     | -10.00    |
| K-12-0437 | M375650   | 225.10 | 227.00 |            | 0.29      | -5.00      | 13.00      |            |            | 101.00     |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375651   | 227.00 | 227.51 |            | 1.19      | 5.00       | 16.00      |            |            | 116.00     |            |            | -20.00     | 0.33       | 10.00      | -10.00    |
| K-12-0437 | M375652   | 227.51 | 228.90 |            | 0.74      | -5.00      | 11.00      |            |            | 153.00     |            |            | -20.00     | 0.22       | -10.00     | -10.00    |
| K-12-0437 | M375653   | 228.90 | 230.42 |            | 2.10      | 5.00       | 18.00      |            |            | 148.00     |            |            | -20.00     | 0.37       | 10.00      | -10.00    |
| K-12-0437 | M375654   | 230.42 | 232.42 |            | 0.36      | -5.00      | 13.00      |            |            | 123.00     |            |            | -20.00     | 0.23       | 10.00      | -10.00    |
| K-12-0437 | M375655   | 232.42 | 234.30 |            | 0.31      | -5.00      | 15.00      |            |            | 172.00     |            |            | -20.00     | 0.29       | -10.00     | -10.00    |
| K-12-0437 | M375657   | 234.30 | 236.00 |            | 0.29      | -5.00      | 13.00      |            |            | 243.00     |            |            | -20.00     | 0.24       | -10.00     | -10.00    |
| K-12-0437 | M375658   | 236.00 | 237.77 |            | 0.12      | -5.00      | 15.00      |            |            | 250.00     |            |            | -20.00     | 0.26       | 10.00      | -10.00    |
| K-12-0437 | M375659   | 237.77 | 239.68 |            | 0.20      | -5.00      | 10.00      |            |            | 152.00     |            |            | -20.00     | 0.17       | -10.00     | -10.00    |
| K-12-0437 | M375660   | 239.68 | 241.66 |            | 0.11      | -5.00      | 13.00      |            |            | 121.00     |            |            | -20.00     | 0.25       | 10.00      | -10.00    |
| K-12-0437 | M375661   | 241.66 | 243.27 |            | 0.04      | -5.00      | 13.00      |            |            | 85.00      |            |            | -20.00     | 0.27       | -10.00     | -10.00    |
| K-12-0437 | M375662   | 243.27 | 245.00 |            | 0.03      | -5.00      | 13.00      |            |            | 72.00      |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375663   | 245.00 | 246.96 |            | 0.46      | -5.00      | 13.00      |            |            | 82.00      |            |            | -20.00     | 0.28       | -10.00     | -10.00    |
| K-12-0437 | M375664   | 246.96 | 248.59 |            | 1.64      | -5.00      | 12.00      |            |            | 211.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375665   | 248.59 | 250.12 |            | 1.63      | -5.00      | 12.00      |            |            | 170.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375666   | 248.59 | 250.12 |            | 1.58      | -5.00      | 12.00      |            |            | 168.00     |            |            | -20.00     | 0.36       | -10.00     | -10.00    |
| K-12-0437 | M375667   | 250.12 | 251.95 |            | 1.78      | -5.00      | 11.00      |            |            | 136.00     |            |            | -20.00     | 0.32       | -10.00     | -10.00    |
| K-12-0437 | M375668   | 251.95 | 253.64 |            | 2.49      | -5.00      | 13.00      |            |            | 152.00     |            |            | -20.00     | 0.37       | -10.00     | -10.00    |
| K-12-0437 | M375670   | 253.64 | 255.54 |            | 2.28      | -5.00      | 14.00      |            |            | 109.00     |            |            | -20.00     | 0.40       | -10.00     | -10.00    |
| K-12-0437 | M375671   | 255.54 | 257.85 |            | 1.77      | -5.00      | 11.00      |            |            | 140.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375672   | 257.85 | 260.00 |            | 1.66      | -5.00      | 11.00      |            |            | 107.00     |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375673   | 260.00 | 261.98 |            | 1.74      | -5.00      | 12.00      |            |            | 99.00      |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375674   | 261.98 | 263.43 |            | 1.51      | -5.00      | 11.00      |            |            | 105.00     |            |            | -20.00     | 0.35       | -10.00     | -10.00    |
| K-12-0437 | M375676   | 263.43 | 264.40 |            | 1.37      | 5.00       | 10.00      |            |            | 88.00      |            |            | -20.00     | 0.33       | -10.00     | -10.00    |
| K-12-0437 | M375677   | 264.40 | 266.45 |            | 1.63      | -5.00      | 11.00      |            |            | 129.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375678   | 266.45 | 268.58 |            | 1.82      | -5.00      | 13.00      |            |            | 176.00     |            |            | -20.00     | 0.36       | -10.00     | -10.00    |

## Drill Hole Assays

| Hole      | DHSample | From m | To m   | V ICP ppm | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab | Certificate | Date Received | Date Finalized | Added By | Added Time |
|-----------|----------|--------|--------|-----------|-----------|-----------|------------|---------|-----|-------------|---------------|----------------|----------|------------|
| K-12-0437 | M375606  | 165.50 | 167.60 | 118.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375608  | 167.60 | 169.88 | 102.00    | -10.00    |           |            | 2.77    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375609  | 169.88 | 171.55 | 12.00     | -10.00    |           |            | 2.67    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375610  | 171.55 | 173.00 | 11.00     | -10.00    |           |            | 2.75    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375612  | 173.00 | 175.03 | 14.00     | -10.00    |           |            | 2.73    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375613  | 175.03 | 176.76 | 120.00    | -10.00    |           |            | 2.85    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375614  | 175.03 | 176.76 | 132.00    | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375615  | 176.76 | 179.00 | 119.00    | -10.00    |           |            | 2.86    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375616  | 179.00 | 180.43 | 110.00    | -10.00    |           |            | 2.80    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375617  | 180.43 | 182.00 | 164.00    | -10.00    |           |            | 2.96    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375618  | 182.00 | 183.60 | 218.00    | -10.00    |           |            | 2.86    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375619  | 183.60 | 185.41 | 177.00    | -10.00    |           |            | 2.82    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375620  | 185.41 | 186.11 | 165.00    | -10.00    |           |            | 2.87    | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375621  | 186.11 | 187.79 | 178.00    | -10.00    |           |            | 3.01    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375622  | 187.79 | 189.35 | 163.00    | -10.00    |           |            | 2.96    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375623  | 189.35 | 190.78 | 268.00    | -10.00    |           |            | 2.94    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375625  | 190.78 | 192.29 | 174.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375626  | 192.29 | 194.00 | 138.00    | -10.00    |           |            | 2.88    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375627  | 194.00 | 195.97 | 94.00     | -10.00    |           |            | 2.86    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375628  | 195.97 | 197.95 | 112.00    | -10.00    |           |            | 2.88    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375629  | 197.95 | 200.00 | 130.00    | -10.00    |           |            | 2.89    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375630  | 197.95 | 200.00 | 118.00    | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375631  | 200.00 | 201.87 | 121.00    | -10.00    |           |            | 2.89    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375632  | 201.87 | 203.00 | 107.00    | -10.00    |           |            | 2.87    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375633  | 203.00 | 204.40 | 136.00    | -10.00    |           |            | 2.86    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375634  | 204.40 | 206.00 | 120.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375636  | 206.00 | 207.97 | 119.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375637  | 207.97 | 209.80 | 124.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375638  | 209.80 | 211.77 | 119.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375639  | 211.77 | 213.24 | 107.00    | -10.00    |           |            | 2.95    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375640  | 213.24 | 215.00 | 128.00    | -10.00    |           |            | 2.91    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375641  | 215.00 | 216.56 | 133.00    | -10.00    |           |            | 2.92    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375642  | 216.56 | 218.00 | 109.00    | -10.00    |           |            | 3.28    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375643  | 218.00 | 219.70 | 81.00     | -10.00    |           |            | 2.86    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375644  | 218.00 | 219.70 | 81.00     | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375645  | 219.70 | 221.00 | 106.00    | -10.00    |           |            | 2.86    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375646  | 221.00 | 222.80 | 140.00    | -10.00    |           |            | 2.87    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375647  | 222.80 | 223.51 | 140.00    | -10.00    |           |            | 2.87    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375648  | 223.51 | 225.10 | 194.00    | -10.00    |           |            | 2.88    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375650  | 225.10 | 227.00 | 116.00    | -10.00    |           |            | 2.85    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375651  | 227.00 | 227.51 | 196.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375652  | 227.51 | 228.90 | 99.00     | -10.00    |           |            | 2.88    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375653  | 228.90 | 230.42 | 214.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375654  | 230.42 | 232.42 | 107.00    | -10.00    |           |            | 2.86    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375655  | 232.42 | 234.30 | 108.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375657  | 234.30 | 236.00 | 105.00    | -10.00    |           |            | 2.92    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375658  | 236.00 | 237.77 | 130.00    | -10.00    |           |            | 2.95    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375659  | 237.77 | 239.68 | 91.00     | -10.00    |           |            | 2.91    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375660  | 239.68 | 241.66 | 113.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375661  | 241.66 | 243.27 | 119.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375662  | 243.27 | 245.00 | 134.00    | -10.00    |           |            | 2.93    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375663  | 245.00 | 246.96 | 134.00    | -10.00    |           |            | 2.90    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375664  | 246.96 | 248.59 | 144.00    | -10.00    |           |            | 2.95    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375665  | 248.59 | 250.12 | 118.00    | -10.00    |           |            | 2.89    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375666  | 248.59 | 250.12 | 117.00    | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375667  | 250.12 | 251.95 | 123.00    | -10.00    |           |            | 2.88    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375668  | 251.95 | 253.64 | 150.00    | -10.00    |           |            | 2.96    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375670  | 253.64 | 255.54 | 157.00    | -10.00    |           |            | 2.98    | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375671  | 255.54 | 257.85 | 114.00    | -10.00    |           |            | 2.99    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375672  | 257.85 | 260.00 | 110.00    | -10.00    |           |            | 2.99    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375673  | 260.00 | 261.98 | 164.00    | -10.00    |           |            | 2.81    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375674  | 261.98 | 263.43 | 183.00    | -10.00    |           |            | 2.82    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375676  | 263.43 | 264.40 | 181.00    | -10.00    |           |            | 2.90    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375677  | 264.40 | 266.45 | 150.00    | -10.00    |           |            | 2.94    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375678  | 266.45 | 268.58 | 143.00    | -10.00    |           |            | 2.96    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |

## Drill Hole Assays

| Hole      | DHSample | From_m | To_m   | DHSample Type | QC Exists | Primary Sample | Au Best ppm | Ag Best ppm | Pb Best ppm | Zn Best ppm | Au FA ppm | Au ICP ppm | Au OL ppm | Ag AA ppm | Ag ICP ppm |
|-----------|----------|--------|--------|---------------|-----------|----------------|-------------|-------------|-------------|-------------|-----------|------------|-----------|-----------|------------|
| K-12-0437 | M375679  | 268.58 | 270.14 | HCORE         | FALSE     |                | -0.01       | -0.50       | 13.00       | 99.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375680  | 270.14 | 272.22 | HCORE         | FALSE     |                | -0.01       | -0.50       | 10.00       | 104.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375681  | 272.22 | 273.76 | HCORE         | FALSE     |                | 0.01        | -0.50       | 10.00       | 107.00      | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375682  | 273.76 | 275.00 | HCORE         | FALSE     |                | -0.01       | -0.50       | 14.00       | 104.00      | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375468  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 18.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375472  |        |        | PM 1123       | FALSE     |                | 1.47        | 31.30       | 55.00       | 58.00       | 1.47      |            |           |           | 31.30      |
| K-12-0437 | M375485  |        |        | PM 1123       | FALSE     |                | 1.52        | 32.40       | 64.00       | 60.00       | 1.52      |            |           |           | 32.40      |
| K-12-0437 | M375492  |        |        | BLANK         | FALSE     |                | 0.01        | -0.50       | -2.00       | 22.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375505  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 19.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375517  |        |        | PM 1123       | FALSE     |                | 1.46        | 30.50       | 55.00       | 59.00       | 1.46      |            |           |           | 30.50      |
| K-12-0437 | M375528  |        |        | PM 1123       | FALSE     |                | 1.44        | 32.60       | 61.00       | 59.00       | 1.44      |            |           |           | 32.60      |
| K-12-0437 | M375536  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 20.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375543  |        |        | PM 1123       | FALSE     |                | 1.41        | 33.30       | 59.00       | 58.00       | 1.41      |            |           |           | 33.30      |
| K-12-0437 | M375555  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 17.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375564  |        |        | PM 1123       | FALSE     |                | 1.42        | 30.90       | 58.00       | 60.00       | 1.42      |            |           |           | 30.90      |
| K-12-0437 | M375568  |        |        | BLANK         | FALSE     |                | -0.01       | 0.60        | 3.00        | 18.00       | -0.01     |            |           |           | 0.60       |
| K-12-0437 | M375584  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | 4.00        | 20.00       | -0.01     |            |           |           | -0.50      |
| K-12-0437 | M375594  |        |        | PM 1123       | FALSE     |                | 1.39        | 31.50       | 62.00       | 59.00       | 1.39      |            |           |           | 31.50      |
| K-12-0437 | M375607  |        |        | BLANK         | FALSE     |                | 0.02        | -0.50       | -2.00       | 18.00       | 0.02      |            |           |           | -0.50      |
| K-12-0437 | M375611  |        |        | PM 1123       | FALSE     |                | 1.46        | 32.40       | 57.00       | 62.00       | 1.46      |            |           |           | 32.40      |
| K-12-0437 | M375624  |        |        | PM 1123       | FALSE     |                | 1.50        | 34.70       | 70.00       | 64.00       | 1.50      |            |           |           | 34.70      |
| K-12-0437 | M375635  |        |        | BLANK         | FALSE     |                | 0.01        | -0.50       | -2.00       | 16.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375649  |        |        | PM 1123       | FALSE     |                | 1.42        | 33.30       | 57.00       | 60.00       | 1.42      |            |           |           | 33.30      |
| K-12-0437 | M375656  |        |        | BLANK         | FALSE     |                | 0.01        | -0.50       | -2.00       | 18.00       | 0.01      |            |           |           | -0.50      |
| K-12-0437 | M375669  |        |        | PM 1123       | FALSE     |                | 1.38        | 29.70       | 54.00       | 54.00       | 1.38      |            |           |           | 29.70      |
| K-12-0437 | M375675  |        |        | BLANK         | FALSE     |                | -0.01       | -0.50       | -2.00       | 18.00       | -0.01     |            |           |           | -0.50      |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Ag OL ppm | Ag OL2 ppm | Pb ICP ppm | Pb OL_pct | Zn ICP ppm | Zn OL_pct | Al ICP_pct | As ICP ppm | As OL_pct | Ba ICP ppm | Be ICP ppm | Bi ICP ppm | Ca ICP_pct |
|-----------|-----------|--------|--------|-----------|------------|------------|-----------|------------|-----------|------------|------------|-----------|------------|------------|------------|------------|
| K-12-0437 | M375679   | 268.58 | 270.14 |           |            | 13.00      |           | 99.00      |           | 6.62       | 16.00      |           | 770.00     | 1.60       | -2.00      | 2.76       |
| K-12-0437 | M375680   | 270.14 | 272.22 |           |            | 10.00      |           | 104.00     |           | 6.44       | 25.00      |           | 610.00     | 1.70       | -2.00      | 2.08       |
| K-12-0437 | M375681   | 272.22 | 273.76 |           |            | 10.00      |           | 107.00     |           | 6.21       | 30.00      |           | 690.00     | 1.80       | -2.00      | 3.57       |
| K-12-0437 | M375682   | 273.76 | 275.00 |           |            | 14.00      |           | 104.00     |           | 6.07       | 14.00      |           | 570.00     | 1.60       | -2.00      | 2.41       |
| K-12-0437 | M375468   |        |        |           |            | -2.00      |           | 18.00      |           | 0.07       | -5.00      |           | 30.00      | -0.50      | -2.00      | 20.90      |
| K-12-0437 | M375472   |        |        |           |            | 55.00      |           | 58.00      |           | 6.94       | 27.00      |           | 860.00     | 0.90       | -2.00      | 1.77       |
| K-12-0437 | M375485   |        |        |           |            | 64.00      |           | 60.00      |           | 7.07       | 23.00      |           | 860.00     | 0.90       | -2.00      | 1.82       |
| K-12-0437 | M375492   |        |        |           |            | -2.00      |           | 22.00      |           | 0.09       | -5.00      |           | 40.00      | -0.50      | -2.00      | 21.50      |
| K-12-0437 | M375505   |        |        |           |            | -2.00      |           | 19.00      |           | 0.09       | -5.00      |           | 20.00      | -0.50      | -2.00      | 21.70      |
| K-12-0437 | M375517   |        |        |           |            | 55.00      |           | 59.00      |           | 7.04       | 25.00      |           | 850.00     | 0.90       | -2.00      | 1.78       |
| K-12-0437 | M375528   |        |        |           |            | 61.00      |           | 59.00      |           | 7.39       | 20.00      |           | 880.00     | 1.00       | -2.00      | 1.79       |
| K-12-0437 | M375536   |        |        |           |            | -2.00      |           | 20.00      |           | 0.10       | -5.00      |           | 30.00      | -0.50      | -2.00      | 20.50      |
| K-12-0437 | M375543   |        |        |           |            | 59.00      |           | 58.00      |           | 7.44       | 22.00      |           | 890.00     | 0.90       | -2.00      | 1.81       |
| K-12-0437 | M375555   |        |        |           |            | -2.00      |           | 17.00      |           | 0.05       | -5.00      |           | 20.00      | -0.50      | 3.00       | 19.70      |
| K-12-0437 | M375564   |        |        |           |            | 58.00      |           | 60.00      |           | 6.91       | 23.00      |           | 830.00     | 0.90       | -2.00      | 1.76       |
| K-12-0437 | M375568   |        |        |           |            | 3.00       |           | 18.00      |           | 0.05       | -5.00      |           | 30.00      | -0.50      | -2.00      | 21.20      |
| K-12-0437 | M375584   |        |        |           |            | 4.00       |           | 20.00      |           | 0.06       | -5.00      |           | 30.00      | -0.50      | -2.00      | 22.10      |
| K-12-0437 | M375594   |        |        |           |            | 62.00      |           | 59.00      |           | 7.17       | 21.00      |           | 860.00     | 0.90       | -2.00      | 1.84       |
| K-12-0437 | M375607   |        |        |           |            | -2.00      |           | 18.00      |           | 0.06       | -5.00      |           | 30.00      | -0.50      | 4.00       | 20.80      |
| K-12-0437 | M375611   |        |        |           |            | 57.00      |           | 62.00      |           | 6.97       | 25.00      |           | 850.00     | 1.00       | 4.00       | 1.82       |
| K-12-0437 | M375624   |        |        |           |            | 70.00      |           | 64.00      |           | 7.33       | 35.00      |           | 910.00     | 1.00       | 2.00       | 1.89       |
| K-12-0437 | M375635   |        |        |           |            | -2.00      |           | 16.00      |           | 0.08       | -5.00      |           | 50.00      | -0.50      | -2.00      | 20.80      |
| K-12-0437 | M375649   |        |        |           |            | 57.00      |           | 60.00      |           | 7.23       | 28.00      |           | 870.00     | 1.00       | -2.00      | 1.85       |
| K-12-0437 | M375656   |        |        |           |            | -2.00      |           | 18.00      |           | 0.08       | -5.00      |           | 70.00      | -0.50      | -2.00      | 20.10      |
| K-12-0437 | M375669   |        |        |           |            | 54.00      |           | 54.00      |           | 6.69       | 20.00      |           | 800.00     | 0.90       | -2.00      | 1.76       |
| K-12-0437 | M375675   |        |        |           |            | -2.00      |           | 18.00      |           | 0.08       | -5.00      |           | 30.00      | -0.50      | -2.00      | 20.40      |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Cd ICP ppm | Cd OL_pct | Ce ICP ppm | Co ICP ppm | Cr ICP ppm | Cs ICP ppm | Cu ICP ppm | Cu OL_pct | Fe ICP_pct | Ga ICP ppm | Ge ICP ppm | Hf ICP ppm | Hg ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| K-12-0437 | M375679   | 268.58 | 270.14 | 0.50       |           |            | 13.00      | 72.00      |            | 30.00      |           | 3.79       | 20.00      |            |            |            |
| K-12-0437 | M375680   | 270.14 | 272.22 | 0.60       |           |            | 13.00      | 69.00      |            | 34.00      |           | 3.74       | 20.00      |            |            |            |
| K-12-0437 | M375681   | 272.22 | 273.76 | 0.70       |           |            | 13.00      | 67.00      |            | 29.00      |           | 3.65       | 20.00      |            |            |            |
| K-12-0437 | M375682   | 273.76 | 275.00 | 0.70       |           |            | 11.00      | 68.00      |            | 33.00      |           | 3.50       | 20.00      |            |            |            |
| K-12-0437 | M375468   |        |        | -0.50      |           |            | -1.00      | 1.00       |            | 2.00       |           | 0.50       | -10.00     |            |            |            |
| K-12-0437 | M375472   |        |        | -0.50      |           |            | 7.00       | 31.00      |            | 3050.00    |           | 2.82       | 20.00      |            |            |            |
| K-12-0437 | M375485   |        |        | -0.50      |           |            | 8.00       | 33.00      |            | 3030.00    |           | 2.87       | 20.00      |            |            |            |
| K-12-0437 | M375492   |        |        | -0.50      |           |            | -1.00      | 2.00       |            | 1.00       |           | 0.49       | -10.00     |            |            |            |
| K-12-0437 | M375505   |        |        | -0.50      |           |            | 1.00       | 1.00       |            | 1.00       |           | 0.52       | -10.00     |            |            |            |
| K-12-0437 | M375517   |        |        | -0.50      |           |            | 6.00       | 34.00      |            | 2980.00    |           | 2.83       | 20.00      |            |            |            |
| K-12-0437 | M375528   |        |        | -0.50      |           |            | 8.00       | 30.00      |            | 3020.00    |           | 2.85       | 20.00      |            |            |            |
| K-12-0437 | M375536   |        |        | -0.50      |           |            | 1.00       | -1.00      |            | 1.00       |           | 0.48       | -10.00     |            |            |            |
| K-12-0437 | M375543   |        |        | -0.50      |           |            | 7.00       | 29.00      |            | 2980.00    |           | 2.87       | 20.00      |            |            |            |
| K-12-0437 | M375555   |        |        | -0.50      |           |            | -1.00      | -1.00      |            | -1.00      |           | 0.47       | -10.00     |            |            |            |
| K-12-0437 | M375564   |        |        | -0.50      |           |            | 7.00       | 32.00      |            | 3000.00    |           | 2.80       | 20.00      |            |            |            |
| K-12-0437 | M375568   |        |        | -0.50      |           |            | -1.00      | 2.00       |            | 5.00       |           | 0.50       | -10.00     |            |            |            |
| K-12-0437 | M375584   |        |        | -0.50      |           |            | -1.00      | 2.00       |            | 4.00       |           | 0.51       | -10.00     |            |            |            |
| K-12-0437 | M375594   |        |        | -0.50      |           |            | 7.00       | 31.00      |            | 3050.00    |           | 2.90       | 20.00      |            |            |            |
| K-12-0437 | M375607   |        |        | -0.50      |           |            | 1.00       | 1.00       |            | 1.00       |           | 0.47       | -10.00     |            |            |            |
| K-12-0437 | M375611   |        |        | -0.50      |           |            | 9.00       | 32.00      |            | 3090.00    |           | 2.84       | 20.00      |            |            |            |
| K-12-0437 | M375624   |        |        | -0.50      |           |            | 8.00       | 32.00      |            | 3050.00    |           | 3.04       | 20.00      |            |            |            |
| K-12-0437 | M375635   |        |        | -0.50      |           |            | 1.00       | 2.00       |            | 1.00       |           | 0.50       | -10.00     |            |            |            |
| K-12-0437 | M375649   |        |        | -0.50      |           |            | 8.00       | 33.00      |            | 3040.00    |           | 2.91       | 20.00      |            |            |            |
| K-12-0437 | M375656   |        |        | -0.50      |           |            | -1.00      | 2.00       |            | 1.00       |           | 0.46       | -10.00     |            |            |            |
| K-12-0437 | M375669   |        |        | -0.50      |           |            | 9.00       | 30.00      |            | 3080.00    |           | 2.83       | 20.00      |            |            |            |
| K-12-0437 | M375675   |        |        | -0.50      |           |            | 2.00       | 1.00       |            | -1.00      |           | 0.48       | -10.00     |            |            |            |

## Drill Hole Assays

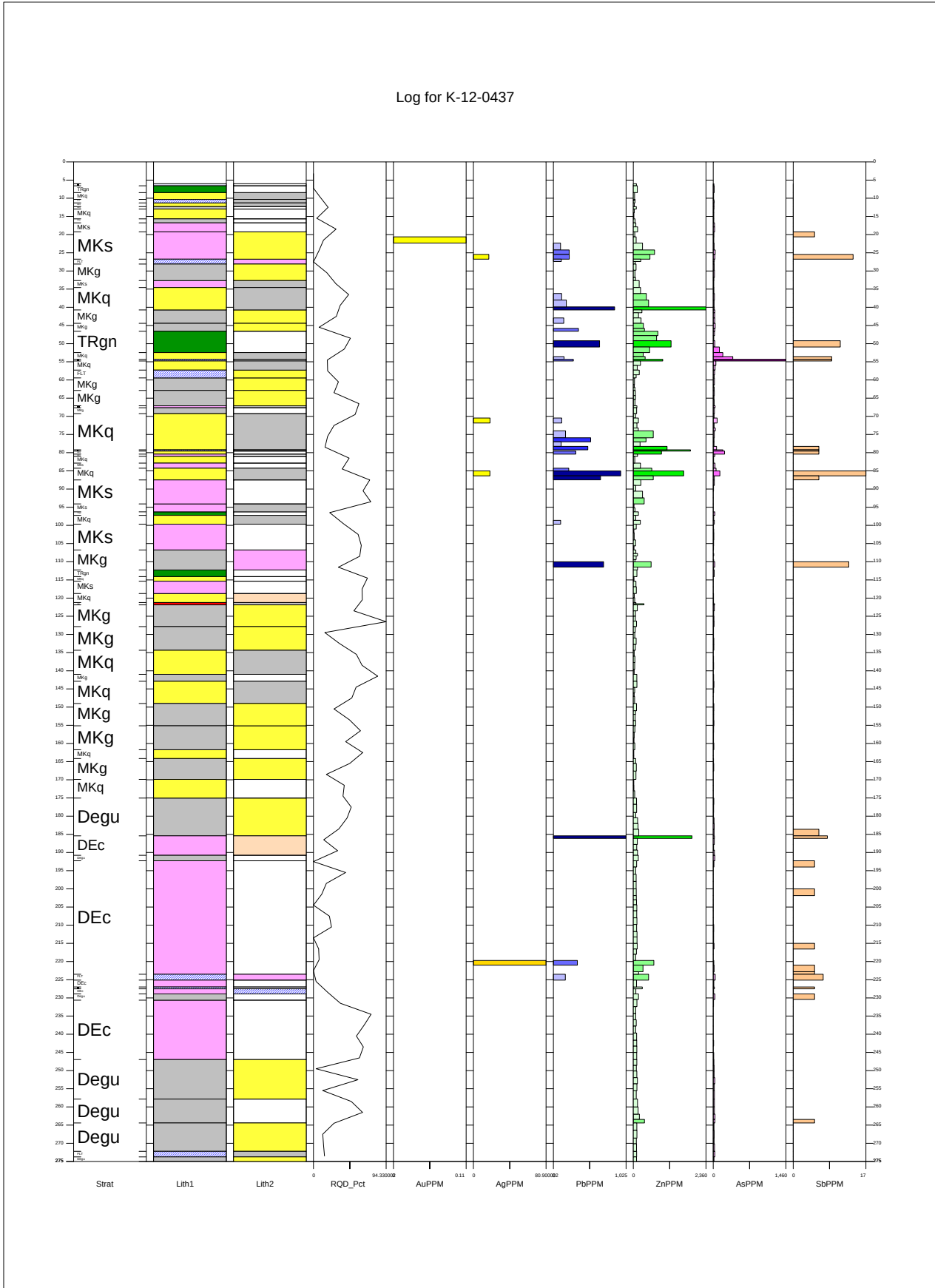
| Hole      | DH Sample | From m | To m   | In ICP ppm | K ICP pct | La ICP ppm | Li ICP ppm | Mg ICP pct | Mn ICP ppm | Mo ICP ppm | Na ICP pct | Nb ICP ppm | Ni ICP ppm | P ICP ppm | Pr ICP ppm | Rb ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|------------|------------|
| K-12-0437 | M375679   | 268.58 | 270.14 |            | 1.89      | 30.00      |            | 1.50       | 604.00     | 11.00      | 0.87       |            | 37.00      | 1360.00   |            |            |
| K-12-0437 | M375680   | 270.14 | 272.22 |            | 2.05      | 30.00      |            | 1.32       | 531.00     | 10.00      | 0.62       |            | 37.00      | 1250.00   |            |            |
| K-12-0437 | M375681   | 272.22 | 273.76 |            | 1.92      | 30.00      |            | 1.15       | 547.00     | 11.00      | 0.34       |            | 36.00      | 1160.00   |            |            |
| K-12-0437 | M375682   | 273.76 | 275.00 |            | 1.92      | 30.00      |            | 1.27       | 462.00     | 7.00       | 0.73       |            | 34.00      | 1110.00   |            |            |
| K-12-0437 | M375468   |        |        |            | 0.03      | -10.00     |            | 13.20      | 234.00     | -1.00      | 0.01       |            | -1.00      | 160.00    |            |            |
| K-12-0437 | M375472   |        |        |            | 1.95      | 10.00      |            | 0.22       | 445.00     | 395.00     | 2.25       |            | 17.00      | 380.00    |            |            |
| K-12-0437 | M375485   |        |        |            | 2.00      | 10.00      |            | 0.21       | 444.00     | 397.00     | 2.32       |            | 19.00      | 390.00    |            |            |
| K-12-0437 | M375492   |        |        |            | 0.04      | -10.00     |            | 13.10      | 221.00     | -1.00      | 0.01       |            | 1.00       | 170.00    |            |            |
| K-12-0437 | M375505   |        |        |            | 0.04      | -10.00     |            | 13.00      | 235.00     | -1.00      | 0.01       |            | 1.00       | 180.00    |            |            |
| K-12-0437 | M375517   |        |        |            | 1.99      | 10.00      |            | 0.21       | 438.00     | 392.00     | 2.31       |            | 18.00      | 390.00    |            |            |
| K-12-0437 | M375528   |        |        |            | 2.03      | 10.00      |            | 0.22       | 464.00     | 409.00     | 2.31       |            | 15.00      | 420.00    |            |            |
| K-12-0437 | M375536   |        |        |            | 0.06      | -10.00     |            | 12.25      | 239.00     | -1.00      | -0.01      |            | -1.00      | 170.00    |            |            |
| K-12-0437 | M375543   |        |        |            | 2.01      | 10.00      |            | 0.22       | 464.00     | 405.00     | 2.34       |            | 14.00      | 410.00    |            |            |
| K-12-0437 | M375555   |        |        |            | 0.01      | -10.00     |            | 11.70      | 218.00     | -1.00      | -0.01      |            | -1.00      | 150.00    |            |            |
| K-12-0437 | M375564   |        |        |            | 2.03      | 10.00      |            | 0.21       | 434.00     | 385.00     | 2.26       |            | 19.00      | 390.00    |            |            |
| K-12-0437 | M375568   |        |        |            | 0.02      | -10.00     |            | 12.65      | 227.00     | -1.00      | -0.01      |            | 3.00       | 170.00    |            |            |
| K-12-0437 | M375584   |        |        |            | 0.02      | -10.00     |            | 13.25      | 231.00     | -1.00      | 0.01       |            | 4.00       | 190.00    |            |            |
| K-12-0437 | M375594   |        |        |            | 2.06      | 10.00      |            | 0.22       | 449.00     | 399.00     | 2.34       |            | 19.00      | 400.00    |            |            |
| K-12-0437 | M375607   |        |        |            | 0.02      | -10.00     |            | 12.35      | 222.00     | -1.00      | 0.01       |            | -1.00      | 160.00    |            |            |
| K-12-0437 | M375611   |        |        |            | 2.03      | 10.00      |            | 0.21       | 442.00     | 371.00     | 2.29       |            | 17.00      | 400.00    |            |            |
| K-12-0437 | M375624   |        |        |            | 2.06      | 10.00      |            | 0.22       | 471.00     | 411.00     | 2.41       |            | 18.00      | 410.00    |            |            |
| K-12-0437 | M375635   |        |        |            | 0.03      | 10.00      |            | 13.20      | 228.00     | -1.00      | -0.01      |            | -1.00      | 170.00    |            |            |
| K-12-0437 | M375649   |        |        |            | 2.11      | 10.00      |            | 0.22       | 449.00     | 400.00     | 2.36       |            | 18.00      | 400.00    |            |            |
| K-12-0437 | M375656   |        |        |            | 0.02      | 10.00      |            | 13.00      | 214.00     | -1.00      | 0.01       |            | -1.00      | 170.00    |            |            |
| K-12-0437 | M375669   |        |        |            | 1.98      | 10.00      |            | 0.21       | 411.00     | 391.00     | 2.25       |            | 17.00      | 380.00    |            |            |
| K-12-0437 | M375675   |        |        |            | 0.03      | -10.00     |            | 12.35      | 202.00     | 1.00       | -0.01      |            | -1.00      | 170.00    |            |            |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | Re ICP ppm | S ICP pct | Sb ICP ppm | Sc ICP ppm | Se ICP ppm | Sn ICP ppm | Sr ICP ppm | Ta ICP ppm | Te ICP ppm | Th ICP ppm | Ti ICP pct | Tl ICP ppm | U ICP ppm |
|-----------|-----------|--------|--------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| K-12-0437 | M375679   | 268.58 | 270.14 |            | 1.48      | -5.00      | 11.00      |            |            | 148.00     |            |            | -20.00     | 0.37       | -10.00     | -10.00    |
| K-12-0437 | M375680   | 270.14 | 272.22 |            | 1.64      | -5.00      | 11.00      |            |            | 104.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375681   | 272.22 | 273.76 |            | 1.73      | -5.00      | 11.00      |            |            | 191.00     |            |            | -20.00     | 0.34       | -10.00     | -10.00    |
| K-12-0437 | M375682   | 273.76 | 275.00 |            | 1.42      | -5.00      | 11.00      |            |            | 163.00     |            |            | -20.00     | 0.32       | -10.00     | -10.00    |
| K-12-0437 | M375468   |        |        |            | 0.02      | -5.00      | -1.00      |            |            | 49.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     |
| K-12-0437 | M375472   |        |        |            | 1.07      | 80.00      | 2.00       |            |            | 577.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375485   |        |        |            | 1.05      | 80.00      | 2.00       |            |            | 576.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375492   |        |        |            | 0.01      | -5.00      | -1.00      |            |            | 49.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375505   |        |        |            | 0.02      | -5.00      | -1.00      |            |            | 44.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375517   |        |        |            | 1.04      | 77.00      | 2.00       |            |            | 573.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375528   |        |        |            | 1.08      | 81.00      | 2.00       |            |            | 604.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375536   |        |        |            | 0.01      | -5.00      | -1.00      |            |            | 53.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375543   |        |        |            | 1.09      | 84.00      | 2.00       |            |            | 615.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375555   |        |        |            | 0.03      | -5.00      | -1.00      |            |            | 47.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375564   |        |        |            | 1.02      | 77.00      | 2.00       |            |            | 574.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375568   |        |        |            | 0.02      | -5.00      | -1.00      |            |            | 46.00      |            |            | -20.00     | -0.01      | -10.00     | 10.00     |
| K-12-0437 | M375584   |        |        |            | 0.01      | -5.00      | -1.00      |            |            | 55.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375594   |        |        |            | 1.06      | 78.00      | 2.00       |            |            | 595.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375607   |        |        |            | 0.02      | -5.00      | -1.00      |            |            | 51.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375611   |        |        |            | 1.05      | 84.00      | 2.00       |            |            | 581.00     |            |            | -20.00     | 0.11       | -10.00     | -10.00    |
| K-12-0437 | M375624   |        |        |            | 1.11      | 88.00      | 2.00       |            |            | 612.00     |            |            | -20.00     | 0.11       | -10.00     | 10.00     |
| K-12-0437 | M375635   |        |        |            | 0.02      | -5.00      | -1.00      |            |            | 52.00      |            |            | -20.00     | -0.01      | 10.00      | -10.00    |
| K-12-0437 | M375649   |        |        |            | 1.07      | 87.00      | 2.00       |            |            | 588.00     |            |            | -20.00     | 0.12       | -10.00     | -10.00    |
| K-12-0437 | M375656   |        |        |            | 0.01      | -5.00      | -1.00      |            |            | 52.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |
| K-12-0437 | M375669   |        |        |            | 1.01      | 75.00      | 2.00       |            |            | 558.00     |            |            | -20.00     | 0.11       | -10.00     | 10.00     |
| K-12-0437 | M375675   |        |        |            | 0.01      | -5.00      | -1.00      |            |            | 48.00      |            |            | -20.00     | -0.01      | -10.00     | -10.00    |

## Drill Hole Assays

| Hole      | DH Sample | From m | To m   | V ICP ppm | W ICP ppm | Y ICP ppm | Zr ICP ppm | SG gcm3 | Lab | Certificate | Date Received | Date Finalized | Added By | Added Time |
|-----------|-----------|--------|--------|-----------|-----------|-----------|------------|---------|-----|-------------|---------------|----------------|----------|------------|
| K-12-0437 | M375679   | 268.58 | 270.14 | 127.00    | -10.00    |           |            | 2.85    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375680   | 270.14 | 272.22 | 131.00    | -10.00    |           |            | 2.78    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375681   | 272.22 | 273.76 | 128.00    | -10.00    |           |            | 2.95    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375682   | 273.76 | 275.00 | 117.00    | -10.00    |           |            | 2.89    | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |
| K-12-0437 | M375468   |        |        | 2.00      | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375472   |        |        | 37.00     | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375485   |        |        | 38.00     | 10.00     |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375492   |        |        | 3.00      | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375505   |        |        | 4.00      | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375517   |        |        | 38.00     | -10.00    |           |            |         |     | WH12152620  | 03/07/2012    | 02/08/2012     | geology  | 05/08/2012 |
| K-12-0437 | M375528   |        |        | 38.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375536   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375543   |        |        | 38.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375555   |        |        | 1.00      | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375564   |        |        | 38.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375568   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375584   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375594   |        |        | 38.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375607   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375611   |        |        | 39.00     | -10.00    |           |            |         | ALS | WH12158985  | 09/07/2012    | 07/08/2012     | geology  | 08/08/2012 |
| K-12-0437 | M375624   |        |        | 41.00     | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375635   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375649   |        |        | 39.00     | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375656   |        |        | 2.00      | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375669   |        |        | 37.00     | -10.00    |           |            |         | ALS | WH12163528  | 16/07/2012    | 10/08/2012     | geology  | 11/08/2012 |
| K-12-0437 | M375675   |        |        | 4.00      | -10.00    |           |            |         | ALS | WH12163529  | 16/07/2012    | 13/08/2012     | geology  | 20/08/2012 |



## **APPENDIX 5**

### **STATEMENT OF QUALIFICATIONS**

#### **Al McOnie**

I, Alan McOnie of 694 SH2, RD1, Katikati, New Zealand  
DO HEREBY CERTIFY:

THAT, I am a VP Exploration and Qualified Person with Alexco Resource Corp., 1150-200 Granville Street, Vancouver, BC, V6C 1S4.

THAT, I have practiced my profession with various mining companies in Canada, New Zealand, Australia, United States, Mexico, and China for over 36 years.

THAT, I am graduate in geology holding a BSc (Hons) from the University of Otago, New Zealand and a MSc from the University of Toronto, Canada.

THAT, I am a member of the Society of Economic Geologists.

THAT, I am a Fellow of the Australasian Institute of Mining and Metallurgy.

THAT, this report is based on work which I personally managed during the year 2012.

THAT, I have no interest in the property described herein, nor do I expect to receive any such interest.

DATED at Katikati, New Zealand this 16th day of April, 2013.



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Al McOnie