# NE Tasmania Gold Projects

# Assessment of Soil Sampling

**For**

## Tamar Gold Ltd

| | |
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| Prepared by: | TG Summons |

Mining One Pty Ltd
Level 9, 50 Market Street
Melbourne VIC 3000
Ph: 03 9600 3588
Fax: 03 9600 3944



FINAL REPORT

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# EXECUTIVE SUMMARY

### Sample Reliability

The factors with the largest impact on sample reliability are the Tertiary/Quaternary age cover materials of slope, fluvial and lacustrine origin. Palaeo-regolith factors have an unknown impact on sample reliability, in contrast to the current regolith which has generated a suitable sampling medium in the form of duplex soils.

Cultural (forestry plantation) factors do not appear to have a significant impact on sample reliability. Geochemical scavenging appears to be important for arsenic at North Lisle East and molybdenum at Cradle Creek, but relatively unimportant for the other elements studied.

It is suggested that at the North Lisle East, Potoroo and Panama projects about 50% of the samples were representative of the underlying granite or Mathinna Beds bedrock. In contrast, about 25% of samples from South Lisle and Cradle Creek were representative of the bedrock. The single sampling traverse at Golden Ridge appears to have had 35% of samples representative of bedrock.

### Inferred Gold Mineralisation Styles

Those samples considered to be representative of bedrock show that gold and other metals are all present in various statistical sub populations. The similar threshold values for the gold sub populations between the Lisle district projects and the Golden Ridge project suggest both commonality of mineralisation at district scale, and potentially several phases of gold mineralisation.

Detailed appraisal of the anomalous gold - mineral/rock pairs interpreted at the North Lisle East and Cradle Creek projects shows:

- Gold occurs most commonly in quartz veins at both projects, followed closely by;
- Gold apparently disseminated in either granite (North Lisle East ) or in Mathinna Beds sediments (Cradle Creek), and;
- Gold captured by scavenging agents in the regolith forms a minor part of both projects.

### Inferred Zoning of Gold Mineralisation

A review of the geochemical associations indentified from the soil sample analyses suggests that mineralisation events have been several, with over-printing patterns apparent. A simplified interpretation of the element associations is as follows:

- Granite hosted : Au-Bi-Te (Mo-As) – present in all six projects
- Proximal (aureole hosted) : Au-As (Sb) - present in all six projects
- Distal : Au-As-Sb – present in the five Lisle district projects

These interpreted gold-metal associations are consistent with Intrusion Related Gold Systems (IRGS), and provide compelling evidence for this type of gold mineralisation in all six projects.

**TG Summons**
Senior Resource Geologist
**Mining One Pty Ltd**

# 1 INTRODUCTION

## 1.1 Background

Tamar Gold Ltd (Tamar gold) hold Exploration Licences EL 30/2006, 13/2007, 36/2008, 40/2008 and 55/2008 in north east Tasmania. Between late 2012 and early 2013, Tamar Gold Director J Pemberton & geological consultant KC Morrison designed various soil sampling programs for the Lisle South, North Lisle East, Cradle Creek and Golden Ridge projects in north east Tasmania. These programs were supplemented by stream (panned concentrates) and rock chip sampling.

KC Morrison had previously been involved in soil sampling activities at the Potoroo and Panama projects. In May 2013 Tamar Gold Director WJ Ryan contacted TG Summons of Mining One Pty Ltd (Mining One) to assess and review the results of the soil sampling programs. This report is an assessment and interpretation of the soil sampling programs.

## 1.2 General Geology and Topography

Pronounced differential erosion in the Lisle and Golden Ridge districts reflects the contrasting bedrock types, from hard and dense hornfelsed Mathinna Beds forming elevated topography, to relatively softer unaltered Mathinna beds and granitoids comprising the flatter more basinal landforms. In addition, development of the regolith (specifically soil profiles) varies according to topography, cover materials and bedrock type.

Typical soil-regolith formed in Mathinna Beds in north east Tasmania has a *duplex character*, consisting of an upper grey sandy soil (~ A2 horizon), and a lower brown sand-clay soil (B-C horizons) with variable relicts of precursor Mathinna Beds. The upper zone may be covered by organic debris and is often poorly developed, while the lower zone may include quartz veins and fragments of weathered Mathinna Beds sediments. The often poor development/preservation nature of the upper zone, in conjunction with the chemically depleted status, precludes the usefulness of this horizon for geochemical sampling.

## 1.3 Soil Sampling Considerations

Design of a soil sampling program over pre-Permian age rocks in north east Tasmania needs to consider a range of topography and regolith types in conjunction with varying amounts of human/cultural interference, as follows:

- Regolith developed in bedrock:
  1. Mathinna Beds – both altered by thermal metamorphism (eg hornfels), and otherwise
  2. Granitoid materials
- Regolith developed in lithified slope deposits formed from Mathinna Beds (altered and unaltered)
- Regolith poorly (or not) developed in unconsolidated cover materials formed from Mathinna Beds and granite
- Land clearing and cultivation activities associated with pine plantations.

The optimal settings allowing the collection of soil samples representative of the bedrock and hence identifying any anomalous metal concentrations, mineralisation etc are as follows:

1. Mathinna Beds with intact duplex soil profile, jointly with intact soil profile over granitoid material, followed by ;
2. Mathinna Beds (& granitoid) with artificially disturbed soil profiles.

The corollary is that soil samples collected over other types of regolith are unlikely to be representative of the bedrock, and thus potentially generate misleading geochemical results.

# 2 PROGRAM

## 2.1 Soil Sampling Strategy

Messrs K Morrison and J Pemberton are aware of the general types of regolith and cover materials in north east Tasmania. Consequently, given the issues involved in identifying specific types of cover deposit and regolith (in the absence of any excavations), Tamar Gold adopted a simple pragmatic strategy of soil sampling as follows:

1. Removal of any surface organic (A horizons) materials over a 30cm x 30cm area;
2. Collecting a hybrid B/C horizon sample using a trenching tool.

Consequently, the sampling policy used by Tamar Gold amounted to a soil (+/- rock) sampling exercise, and this is further discussed under the North Lisle East and Cradle Creek projects.

## 2.2 Data Processing

The various soil samples were collected and analysed as follows;

### 2.2.1 South Lisle

#### 2.2.1.1 Analytical Methods

A total of 326 soil samples were collected between March and April 2013, and analysed for Au, As, Bi, Cu, Mo, Pb, Sb, Te and Zn. The samples were prepared (dried, pulped & split) by the ALS laboratory in Townsville, which used the following analytical methods:

Au – method AA-24, with a detection limit of 0.005 ppm (5 ppb)

As – method ME-ICP 41, with a detection limit of 2 ppm

Bi – method ME-MS 42, with a detection limit of 0.1 ppm

Cu - method ME-ICP 41, with a detection limit of 2 ppm

Mo - method ME-MS 42, with a detection limit of 0.1 ppm

Pb - method ME-ICP 41, with a detection limit of 2 ppm

Sb - method ME-MS 41, with a detection limit of 0.05 ppm

Te - method ME-MS 41, with a detection limit of 0.01 ppm

Zn - method ME-ICP 41, with a detection limit of 2 ppm

#### 2.2.1.2 Sample Statistics

Overall some 84.7% of samples contained less than 5 ppb gold (i.e. detection limit), and Au is strongly correlated with Bi and As. The various correlation coefficients are shown in Table 2-1.

**Table 2-1: Correlation Coefficients**

| Gold Correlation Matrix | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| | South Lisle | Nth Lisle East | Cradle Ck | Potoroo | Panama | Golden Ridge |
| | n = 326 | n = 392 | n = 260 | n = 165 | n = 165 | n = 250 |
| As | 0.37 | 0.14 | 0.07 | 0.41 | 0.34 | 0.2 |
| Bi | 0.57 | 0.08 | -0.06 | 0.49 | 0.17 | -0.17 |
| Cu | -0.04 | 0.14 | -0.15 | 0.36 | 0.22 | 0.07 |
| Mo | 0.07 | 0.01 | 0 | 0.29 | 0.23 | 0.25 |
| Pb | 0.17 | 0.14 | -0.15 | 0.23 | 0.16 | -0.02 |
| Sb | 0.1 | 0.18 | -0.16 | 0.33 | 0.17 | -0.07 |
| Te | 0.24 | 0.13 | 0.07 | na | na | 0.14 |
| Zn | 0.16 | 0.12 | -0.22 | na | na | 0.07 |
| W | na | na | na | 0.11 | -0.01 | na |
| **Molybdenum Correlation Matrix** | | | | | | |
| | | | | | | |
| | South Lisle | Nth Lisle East | Cradle Ck | Potoroo | Panama | Golden Ridge |
| Au | 0.07 | 0.01 | 0 | 0.29 | 0.23 | 0.25 |
| As | 0.37 | 0.51 | 0.46 | 0.65 | 0.1 | -0.11 |
| Bi | 0.26 | 0.17 | 0.12 | 0.37 | -0.03 | -0.37 |
| Cu | 0.48 | 0.04 | 0.28 | 0.55 | 0.36 | 0.68 |
| Pb | 0.21 | -0.03 | 0.22 | 0.23 | -0.08 | -0.3 |
| Sb | 0.33 | 0.36 | 0.46 | 0.44 | 0.08 | 0.31 |
| Te | 0.3 | 0.36 | 0.3 | na | na | 0.24 |
| Zn | 0.15 | -0.2 | 0.05 | na | na | -0.12 |
| W | | | | 0.16 | 0.12 | |
| **Copper Correlation Matrix** | | | | | | |
| | | | | | | |
| | South Lisle | Nth Lisle East | Cradle Ck | Potoroo | Panama | Golden Ridge |
| Au | -0.04 | 0.14 | -0.15 | 0.36 | 0.22 | 0.07 |
| As | 0.24 | 0.35 | 0.08 | 0.57 | 0.31 | -0.36 |
| Bi | 0.27 | 0.6 | 0.53 | 0.63 | 0.67 | -0.18 |
| Mo | 0.48 | 0.04 | 0.28 | 0.55 | 0.36 | -0.3 |
| Pb | 0.6 | 0.79 | 0.45 | 0.43 | 0.57 | 0.31 |
| Sb | 0.41 | 0.23 | 0.48 | 0.27 | 0.21 | 0.24 |
| Te | 0.41 | 0.3 | 0.4 | na | na | -0.12 |
| Zn | 0.61 | 0.73 | 0.65 | na | na | |
| W | | | | 0.18 | 0 | |

Using GeoAccess Professional software, cumulative frequency-probability plots of the various elements were seen to occur in several sub populations, as summarised in Table 2-2. The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

**Table 2-2: Threshold Values for Elemental Sub Populations**

| TAMAR GOLD PROJECTS - NORTH EAST TASMANIA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Project** | **Element** | **Sub Population Thresholds (ppm)** | | | | | | **Proportion of Samples < DL** |
| | | **Sub Pop.No** | | | | | | |
| | | **BG *** | **1** | **2** | **3** | **4** | **5** | **(%)** |
| South Lisle | Au | | 0.005 | 0.013 | 0.028 | 0.17 | | 84.7 |
| North Lisle East | Au | | 0.006 | 0.012 | 0.032 | 0.18 | 1.5 | 52.3 |
| Cradle Creek | Au | | 0.006 | 0.015 | 0.027 | 0.11 | | 75.8 |
| Potoroo | Au | | 0.009 | 0.019 | 0.05 | | | 59.9 |
| Panama | Au | | 0.001 | 0.003 | 0.007 | | | 49.7 |
| | | | | | | | | |
| Golden Ridge | Au | | 0.006 | 0.014 | 0.044 | 0.1 | | ~ 64.9 |
| | | | | | | | | |
| South Lisle | As | 3 | 4.8 | 90 | 190 | | | |
| North Lisle East | As | x | 1.3 | (4.1) | 13 | | | |
| Cradle Creek | As | x | 0.4 | 2.5 | 27 | | | |
| Potoroo | As | x | 1.3 | 5.8 | 260 | | | |
| Panama | As | x | 1.1 | 18 | | | | |
| | | | | | | | | |
| Golden Ridge | As | | (1.9) | 16 | 190 | | | |
| | | | | | | | | |
| South Lisle | Bi | x | 0.31 | 1.8 | 2.3 | | | |
| North Lisle East | Bi | x | 0.17 | (0.42) | 0.78 | | | |
| Cradle Creek | Bi | x | 0.15 | 0.27 | 0.6 | | | |
| Potoroo | Bi | 0.09 | 0.13 | (0.26) | 1.2 | | | |
| Panama | Bi | 0.06 | 0.09 | 0.12 | 0.24 | | | |
| | | | | | | | | |
| Golden Ridge | Bi | 0.03 | (0.05) | 0.13 | | | | |
| | | | | | | | | |
| South Lisle | Cu | | 5.3 | 12.5 | 40 | | | |
| North Lisle East | Cu | | (5.7) | 50 | | | | |
| Cradle Creek | Cu | x | 4 | 22 | | | | |
| Potoroo | Cu | x | 6.8 | 15 | 40 | | | |
| Panama | Cu | x | 6.8 | 12 | | | | |
| | | | | | | | | |
| Golden Ridge | Cu | 3.3 | 16 | | | | | |
| | | | | | | | | |
| South Lisle | Mo | x | 0.5 | 3.7 | | | | |
| North Lisle East | Mo | 0.24 | 0.38 | 1.8 | 3.2 | | | |
| Cradle Creek | Mo | 0.14 | 0.9 | 1.2 | 3.3 | | | |
| Potoroo | Mo | (0.1) | 0.5 | 1.1 | 1.3 | | | |
| Panama | Mo | x | 0.3 | 0.8 | 1.3 | | | |
| | | | | | | | | |

| TAMAR GOLD PROJECTS - NORTH EAST TASMANIA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Project** | **Element** | **Sub Population Thresholds (ppm)** | | | | | | **Proportion of Samples < DL** |
| | | **Sub Pop.No** | | | | | | |
| | | **BG *** | **1** | **2** | **3** | **4** | **5** | **(%)** |
| Golden Ridge | Mo | x | 0.24 | 0.35 | 1.9 | | | |
| | | | | | | | | |
| South Lisle | Pb | | 8 | 26 | | | | |
| North Lisle East | Pb | x | (9) | 30 | | | | |
| Cradle Creek | Pb | x | 4.6 | (8) | 18 | | | |
| Potoroo | Pb | (4.1) | (13) | 32 | | | | |
| Panama | Pb | x | 6 | 12 | | | | |
| | | | | | | | | |
| Golden Ridge | Pb | 1.8 | 5.2 | 14 | 42 | | | |
| | | | | | | | | |
| South Lisle | Sb | x | 0.23 | 0.62 | | | | |
| North Lisle East | Sb | 0.09 | 0.12 | (0.21) | 0.83 | | | |
| Cradle Creek | Sb | x | 0.15 | 0.55 | | | | |
| Potoroo | Sb | 0.06 | 0.34 | 0.63 | | | | |
| Panama | Sb | 0.06 | 0.2 | 0.47 | | | | |
| | | | | | | | | |
| Golden Ridge | Sb | 0.09 | 0.12 | 0.25 | 0.4 | | | |
| | | | | | | | | |
| South Lisle | Te | x | 0.022 | (0.05) | 0.13 | | | |
| North Lisle East | Te | x | 0.033 | 0.06 | 0.14 | | | |
| Cradle Creek | Te | x | 0.034 | | | | | |
| | | | | | | | | |
| Golden Ridge | Te | x | 0.03 | 0.06 | | | | |
| | | | | | | | | |
| Potoroo | W | x | 0.16 | | | | | |
| Panama | W | insufficient data | | | | | | |
| | | | | | | | | |
| South Lisle | Zn | 6 | 12 | 43 | 68 | | | |
| North Lisle East | Zn | 6.5 | (12) | 40 | 72 | | | |
| Cradle Creek | Zn | 5.2 | 6.9 | 11 | 23 | | | |
| | | | | | | | | |
| Golden Ridge | Zn | x | (4) | 13 | 32 | 58 | | |

*Background value; x= incompletely defined sub population & ( )= poorly defined sub pop.

#### 2.2.1.3 Metal – Mineral Pairs

A review of sample descriptions showed that quartz occurred in 18.4% of samples of which 15% are paired with anomalous gold. Mica occurred in 3.7% of samples, of which 41.7% are paired with anomalous gold. The presence of mica in the samples is interpreted to indicate the proximity of granitoid materials in the bedrock.

Quartz-bearing samples were also seen to be paired with the majority of anomalous As (100%), anomalous Bi (91.7%), anomalous Mo (88.3%), anomalous Sb (95%), anomalous Te (88.3%) and anomalous Zn (96.7%).

### 2.2.2 North Lisle East

#### 2.2.2.1 Analytical Methods

A total of 392 soil samples were collected between March and April 2013, and analysed for Au, As, Bi, Cu, Mo, Pb, Sb, Te and Zn. The samples were prepared (dried, pulped & split) by the ALS laboratory in Townsville, which used the same analytical methods as for South Lisle.

#### 2.2.2.2 Sample Statistics

Overall some 52.3% of samples contained less than 5 ppb gold (ie detection limit), and Au is not correlated with any of the other elements. The various correlation coefficients are shown in Table 2-1Using cumulative frequency-probability plots the various elements were seen to occur in several sub populations, as summarised in Table 2-2. The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

#### 2.2.2.3 Metal – Mineral Pairs

A review of sample descriptions showed that quartz occurred in 19.9% of samples of which 32.1% are paired with anomalous gold. Quartz-bearing samples were also seen to be paired with most of the anomalous As (94.9%), anomalous Bi (100%), anomalous Mo (98.7%), anomalous Sb (100%), and with lesser anomalous Te (48.7%) and anomalous Zn (79.5%).

Mica occurred in 9.4% of samples, of which 51.4% are paired with anomalous gold. Similarly to South Lisle, the presence of mica in the samples is interpreted as a proxy for granitoid material in the bedrock.

The sample descriptions also record some samples as being “bright orange”, which has been interpreted as indicating a relatively high concentration of iron oxides and hydroxides. These samples were also assessed for their geochemical character, since such compounds are known to scavenge both base and precious metals.

The sample descriptions also identify some samples as being “very dark brown but not burnt”, which have been interpreted as indicating a relatively high concentration of humic and fulvic acid precipitates. These samples were also assessed for their geochemical character, since such compounds are also known to scavenge both base and precious metals.

Iron oxides/hydroxides (FeOx) occurred in 3.8% of samples, of which 73.3% are paired with anomalous gold. Humic acid precipitates (HAP) occurred in 1% of samples, of which 25% are paired with anomalous gold.

A graphical summary of the occurrence of anomalous element-mineral pairs is shown in Figures 1-3.

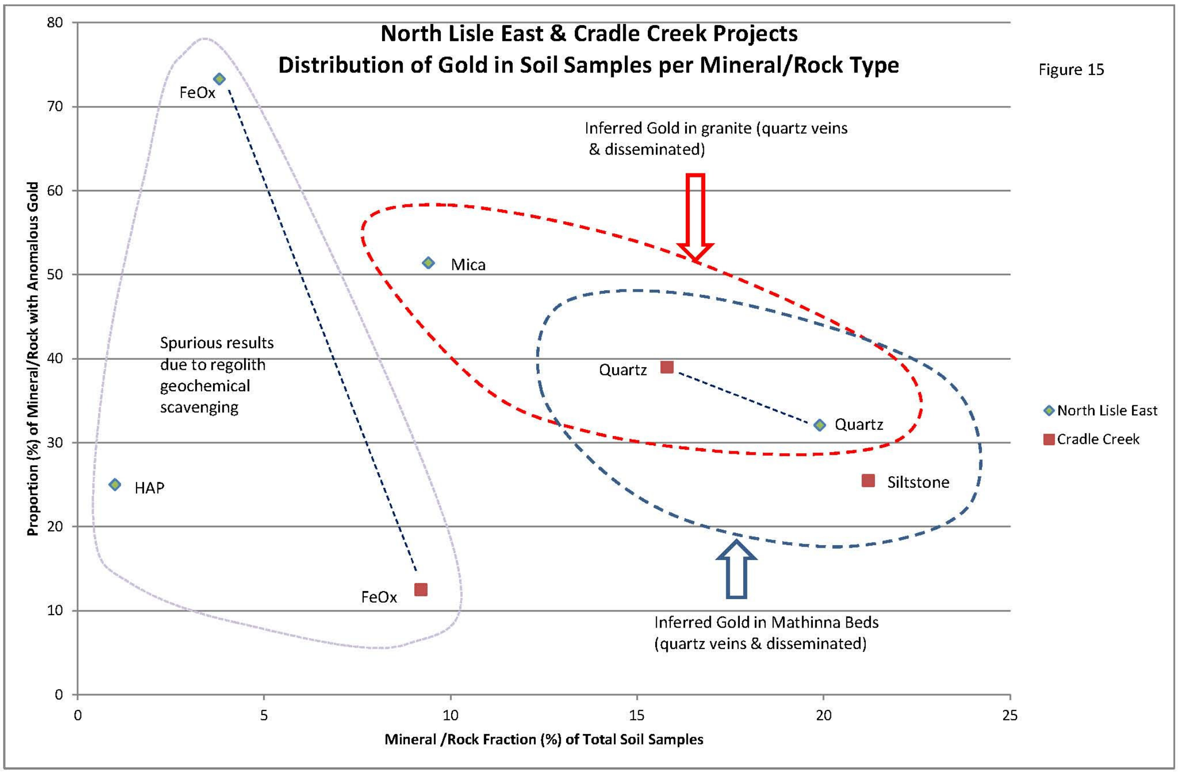



**Figure 1: Distribution of Gold in Soil Samples per Mineral/Rock Type**

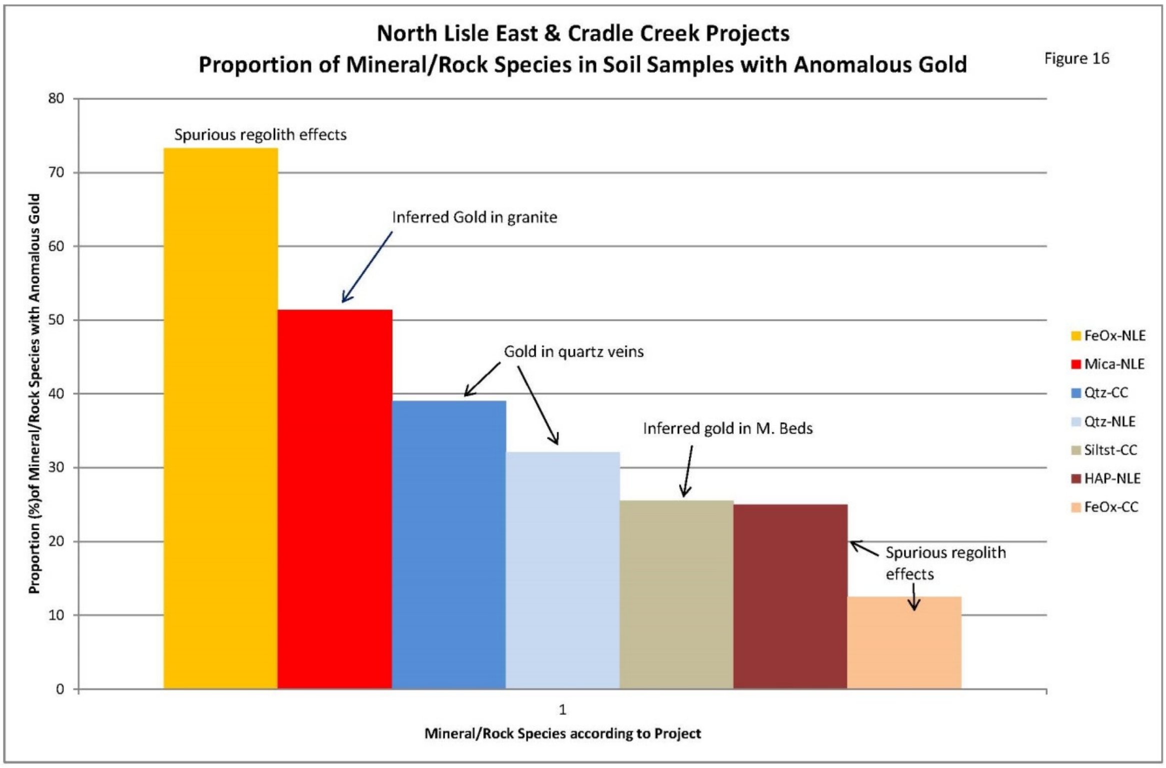



**Figure 2: Proportion of Mineral/Rock Species in Soil Samples with Anomalous Gold**

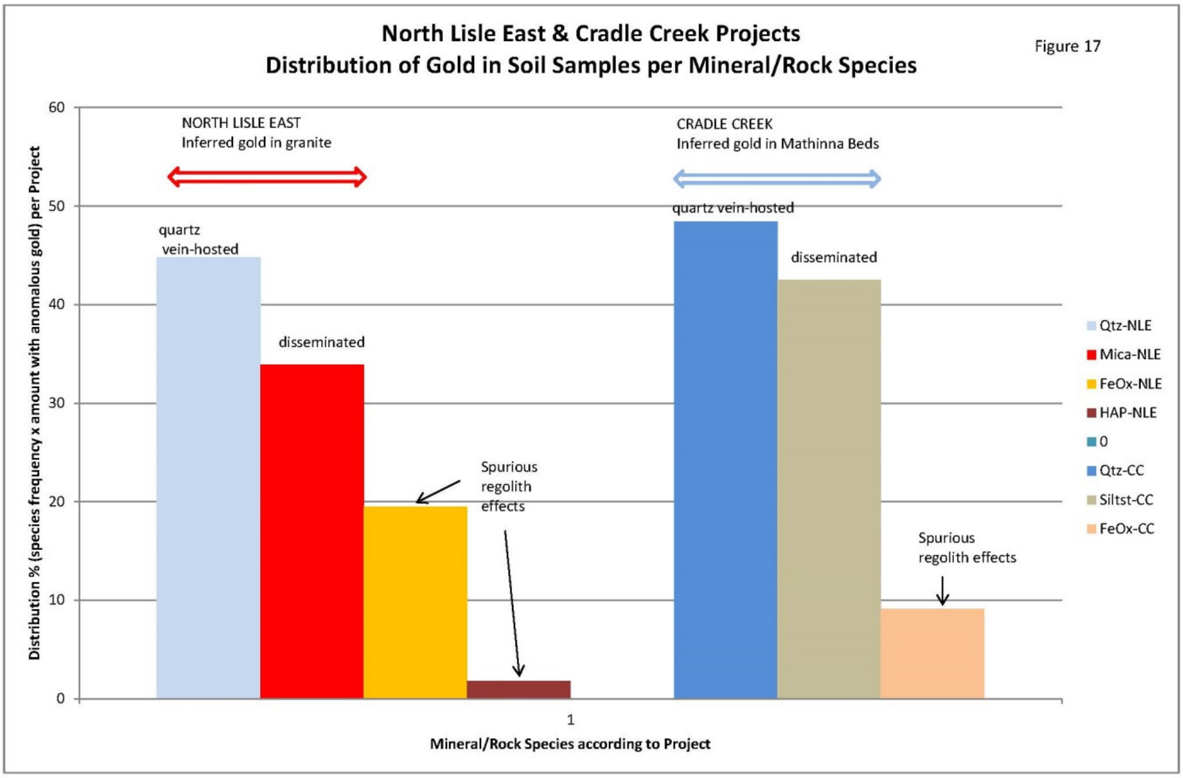



**Figure 3: Distribution of Gold in Soil Samples per Mineral/Rock Species**

### 2.2.3 Cradle Creek

#### 2.2.3.1 Analytical Methods

A total of 260 soil samples were collected between March and April 2013, and analysed for Au, As, Bi, Cu, Mo, Pb, Sb, Te and Zn. The samples were prepared (dried, pulped & split) by the ALS laboratory in Townsville, which used the same analytical methods as for South Lisle.

#### 2.2.3.2 Sample Statistics

Overall some 75.8% of samples contained less than 5 ppb gold (ie detection limit), and like North Lisle East, Au is not correlated with any of the other elements. The various correlation coefficients are shown in Table 2-1.

Using cumulative frequency-probability plots the various elements were seen to occur in several sub populations, as summarised in Table 2-2. The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

#### 2.2.3.3 Metal – Mineral/Rock Pairs

A review of sample descriptions showed that quartz occurred in 15.8% of samples of which 39% are paired with anomalous gold. No mica was recorded, but siltstone occurred in 21.2% of samples of which 25.5% are paired with anomalous gold. The presence of siltstone fragments in the samples is interpreted to indicate bedrock of Mathinna Beds.

The sample descriptions also record some samples as being "orange", which has been interpreted as indicating a relatively high concentration of iron oxides and hydroxides. These samples were also assessed for their geochemical character, since such compounds are known to scavenge both base and precious metals. Iron oxides/hydroxides (FeOx) occurred in 9.2% of samples, of which 12.5% are paired with anomalous gold.

A graphical summary of the occurrence of anomalous element-mineral /rock pairs is shown in Figures 8-14.

### 2.2.4 Potoroo

#### 2.2.4.1 Analytical Methods

A total of 165 soil samples were collected by BCD Resources in early 2011 by KC Morrison, and analysed for Au, Ag, As, Bi, Cu, Mo, Pb, Sb and W.

The samples were prepared (dried, pulped & split) by the Genalysis laboratory in Wingfield SA, which used the following analytical methods:

Au – method AR25/MS, with a detection limit of 0.001 ppm (1 ppb)

As – method AR25/MS, with a detection limit of 1 ppm

Bi – method AR25/MS, with a detection limit of 0.05 ppm

Cu - method AR25/OE, with a detection limit of 1ppm

Mo - method AR25/MS, with a detection limit of 0.1 ppm

Pb - method AR25/MS, with a detection limit of 0.5 ppm

Sb - method AR25/MS, with a detection limit of 0.05 ppm

W - method AR25/MS, with a detection limit of 0.1 ppm

#### 2.2.4.2 Sample Statistics

Overall some 59.9% of samples contained less than 1 ppb gold (ie detection limit), and Au is moderately correlated with Bi > As > Ag > Sb. The various correlation coefficients are shown in Table 2-1

Using cumulative frequency-probability plots the various elements were seen to occur in several sub populations, as summarised in Table 2-2The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

#### 2.2.4.3 Metal – Mineral Pairs

The sample descriptions were inadequate for the appraisal of metal – mineral pair characteristics.

### 2.2.5 Panama

#### 2.2.5.1 Analytical Methods

A total of 165 soil samples were collected by BCD Resources in early 2011 by KC Morrison, and analysed for Au, Ag, As, Bi, Cu, Mo, Pb, Sb and W.

The samples were prepared (dried, pulped & split) by the Genalysis laboratory in Wingfield SA, which used the same analytical methods as for the Potoroo project.

#### 2.2.5.2 Sample Statistics

Overall some 49.7% of samples contained less than 1 ppb gold (ie detection limit), and Au is weakly correlated with As > Mo > Cu. The various correlation coefficients are shown in Table 2-1

Using cumulative frequency-probability plots the various elements were seen to occur in several sub populations, as summarised in Table 2-2The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

#### 2.2.5.3 Metal – Mineral Pairs

The sample descriptions were inadequate for the appraisal of metal – mineral pair characteristics.

### 2.2.6 Golden Ridge

#### 2.2.6.1 Analytical Methods

A total of 250 soil samples were collected between December 2012 and April 2013, and analysed for Au, As, Bi, Cu, Mo, Pb, Sb, Te and Zn. The samples were prepared (dried, pulped & split) by the ALS laboratory in Townsville, which used the same analytical methods as for South Lisle, except for Sb (method ME-MS42 with DL of 0.05ppm) and Te (method ME-MS42 with DL of 0.01ppm).

#### 2.2.6.2 Sample Statistics

Overall some 64.9% of samples contained less than 5 ppb gold (ie detection limit), and Au is weakly correlated with Mo > As. The various correlation coefficients are shown in Table 2-1

Using cumulative frequency-probability plots the various elements were seen to occur in several sub populations, as summarised in Table 2-2The lowest anomalous sub population is defined as the first coherent sub population. The log probability plot for gold is contained in Appendix A.

#### 2.2.6.3 Metal – Mineral Pairs

The sample descriptions were inadequate for the appraisal of metal – mineral pair characteristics.

# 3 FACTORS IMPACTING SOIL SAMPLING EFFICACY

## 3.1 Cover Materials

Three broad groups of post-granite cover materials can be identified in the district, as follows:

1. Permo-Triassic age sedimentary rocks
2. Tertiary age sedimentary rocks and mafic volcanics
3. Quaternary age surficial deposits

Mapping of the actual project area by Mineral Resources Tasmania depicts Tertiary/Quaternary age sandstone and conglomerate, along with Quaternary age talus and unconsolidated sediments.

In overview, Tertiary/Quaternary cover materials occur in several depositional groups as follows:

- Slope deposits - include both younger unconsolidated talus/scree and older lithified (#) conglomerate. Some of the conglomerates consist of angular (non-rounded) clasts, which are variably sorted from imbricate to chaotic, and interpreted as debris flow deposits.
- Fluvial deposits – unconsolidated alluvial deposits in the current drainage, varying from rounded boulder gravels to silts and sands.
- Lacustrine deposits – bedded clays and silts

# Ongoing regolith processes have variably over-printed the older slope deposits, as seen in the adit at the Wilson-Symmons mine in the Panama project. Here, a debris flow deposit consisting of a poorly sorted angular cobble conglomerate comprised of detached Mathinna Beds sediments overlies moderately weathered bedrock of Mathinna Beds. The debris flow deposit also contains goethite pisolites and nodules, and is cemented with mottled iron oxides and/or hydroxides.

Similar imbricated and ferruginous cemented debris flow deposits occur at Tobacco Creek, where Mathinna Beds slab-type fragments comprise a four metre thick deposit above weathered Mathinna Beds bedrock. The old time gold miners ignored these debris flow deposits, and excavated the interface between them and the bedrock.

Consequently it is apparent that during Tertiary –Quaternary time the project areas experienced complex interactions between tectonics (faulting), weathering (regolith formation) and erosion (deposit types). It seems likely that early talus and fluvial deposits were mobilised as mud/debris flows to form angular conglomerates. This mobilisation was the result of renewed erosion, itself triggered by either tectonic uplift, or a more pluvial climate, or both.

## 3.2 Regolith

### 3.2.1 Palaeo-Regolith

Evidence from the Panama project indicates the debris flow deposits there were formed after an earlier period of deep (lateritic) weathering, and were then subjected to further lateritic weathering, probably during mid Tertiary time. The earlier lateritic weathering event would have created a distinct regolith profile over the entire region, although it appears that this early regolith has now been removed by erosion in the Lisle district. The later lateritic weathering event may also have produced a distinct, but different regolith profile, now partly preserved as ferruginous mottling of the debris flow deposit.

### 3.2.2 Current Regolith

Further down the slope from the Wilson-Symmons mine in the Panama project the currently forming regolith is exposed in a road cutting. Here an upper off white clay/silt soil overlies orange/brown clay. Both horizons contain small fragments of Mathinna Beds sediments. The relationship between this duplex soil profile and the ferruginous mottled debris flow deposit upslope is not clear.

AS described in the Introduction, typical soil-regolith formed in Mathinna Beds has a *duplex character*, consisting of an upper grey sandy soil (~ A2 horizon), and a lower brown sand-clay soil (B-C horizons) with variable relicts of precursor Mathinna Beds. The upper zone may be covered by organic debris and is often poorly developed, while the lower zone may include quartz veins and fragments of weathered Mathinna Beds sediments. The often poor development/preservation nature of the upper zone, in conjunction with the chemically depleted status, precludes the usefulness of this horizon for geochemical sampling.

## 3.3 Geochemical Scavenging

Certain fluid agents present in soil profiles during regolith evolution have the ability to concentrate (scavenge) metals in disproportionate (non-stoichiometric) amounts. Typical residues from such fluids include iron and manganese oxides and hydroxides, along with humic and fulvic acid precipitates.

In many cases the concentration of metals by these fluids is approximately representative of the bedrock lying immediately beneath the soil. However, when the absorption of metals is excessive and atypical of the underlying bedrock, spurious anomalies can result.

The descriptions for the samples from North Lisle East and Cradle Creek (refer Sec 2.2.2 & 2.2.3) have been interpreted to indicate the presence of some scavenging agents.

# 4 DISCUSSION

## 4.1 Element (Mineral-Rock) Associations

Element associations have been reviewed using both statistical correlation coefficients (Table 2-1 based on logarithmic values), and by plotting anomalous sub populations of the various elements in soil sample spreadsheets (Appendices B-G) for each of the projects. Also plotted in these spreadsheets were the following minerals and rocks:

- South Lisle – the occurrence of quartz and mica
- North Lisle east – the occurrence of quartz, mica, iron oxides/hydroxides and probable humic/fulvic acid precipitates
- Cradle Creek - the occurrence of quartz, mudstone, siltstone and iron oxides/hydroxides.

### 4.1.1 South Lisle

Gold (Au) is moderately correlated with As and Bi, weakly with Te. This is supported by the anomalous element comparison data in Appendix B, which shows three coincident groups :

- Au-As-Cu-Sb
- Au-As-Bi-Cu-Sb
- Au-As-Bi-Cu-Sb-Te

### 4.1.2 North Lisle East

Gold (Au) is very weakly correlated with As, Cu and Sb. The anomalous element comparison data in Appendix C shows three coincident groups:

- Au-Sb (mainly associated with quartz in samples)
- Au-As-Sb (variably with mica in samples)
- Au-As-Bi-Sb-Te

### 4.1.3 Cradle Creek

Gold (Au) does not appear to be correlated with other elements analysed. However the anomalous element comparison data in Appendix D shows two main coincident groups:

- Au-As (associated with quartz in samples)
- Au-As-Bi-Mo-Sb-Te (associated with siltstone in samples)

### 4.1.4 Potoroo

Gold (Au) is moderately correlated with As and Bi, weakly with Cu, Mo and Sb. This is supported by the anomalous element comparison data in Appendix E, which shows four main coincident groups:

- Au-As
- Au-As-Bi
- Au-As-Mo
- Au-As-Bi-Cu-Mo-(Sb)

### 4.1.5 Panama

Gold (Au) is weakly correlated with As, Cu and Mo. This appears to be supported by the anomalous element comparison data in Appendix F, which shows four main coincident groups:

- Au-Bi
- Au-As-Bi
- Au-As-Mo
- Au-As-Bi-Cu-Mo-(Sb)

### 4.1.6 Golden Ridge

Gold (Au) is very weakly correlated with As, Mo and Te. This appears to be supported by the anomalous element comparison data in Appendix G, which shows two main coincident groups:

- Au-(As)-Mo-(Sb)
- Au-As-Bi-Mo-Sb-(Te)

## 4.2 Interpretation- North Lisle East

The data contained in Figs 1-7 show the occurrence of anomalous elements (Au, As, Bi, Mo, Sb, Te & Zn) per mineral species (quartz, mica, FeOx & HAP) for North Lisle East. The following interpretations were made:

- <u>Quartz-element pairs</u>: gold and other elements occurring in quartz veins
- <u>Mica-element pairs</u>: gold and other elements occurring in granite (# see below)
- <u>FeOx-element pairs</u>: gold and other elements occurring with (scavenged by) iron oxides and hydroxides
- <u>HAP-element pairs</u>: gold and other elements occurring with (scavenged by) humic and fulvic acid precipitates

It is noteworthy that the highest gold sub population (with a threshold value of 1.5 g/t), and the highest molybdenum sub population (threshold value of 3.2ppm), only occur with mica, the implication being that these groups are *granite hosted*. (# However, the Au-As-Sb association also implies a more distal setting, such that multiple intrusive and mineralisation events may have occurred).

The highest bismuth sub population (with a threshold value of 0.78ppm) and the highest tellurium sub population (threshold value of 0.14ppm) occur only with quartz, the implication being that these groups are *quartz vein hosted*.

The highest arsenic sub population (threshold value of 13ppm) and the highest bismuth sub population (threshold value of 0.78ppm) only occur with FeOx, the implication being that these groups have been formed by *geochemical scavenging, and are thus spurious*. The impact of this inferred scavenging on the reliability/representivity of the interpreted element associations is likely to be most important for arsenic, but only minor for bismuth, since it is also well represented in the quartz samples.

## 4.3 Interpretation - Cradle Creek

The data contained in Figs 8-14 show the occurrence of anomalous elements (Au, As, Bi, Mo, Sb, Te & Zn) per mineral and rock species (quartz, siltstone & FeOx) for Cradle Creek. The following interpretations were made:

- Quartz-element pairs: gold and other elements occurring in quartz veins
- Siltstone-element pairs: gold and other elements occurring in siltstones within the Mathinna Beds. (## see below)
- FeOx-element pairs: gold and other elements occurring with (scavenged by) iron oxides and hydroxides

The highest gold sub population (threshold value of 0.11 g/t), and the highest antimony sub population (threshold value of 0.55ppm) only occur with siltstone, the implication being that these groups are *sediment hosted in Mathinna Beds*. (## However, the Au-As-Bi-Mo-Sb-Te association also implies more proximal and/or intrusion hosted settings. Again, this may be the result of multiple intrusive and mineralisation events).

The highest zinc sub population (threshold value of 23ppm) also occurs in siltstone samples, and this may include some lithochemical characteristics in addition to mineralisation.

*It is noteworthy that the samples with siltstone have significant components of the more anomalous gold, arsenic, bismuth, antimony and tellurium sub populations.*

The highest arsenic sub population (threshold value of 27ppm), and to a lesser extent antimony and tellurium (threshold of 0.034ppm) occur only with quartz, the implication being that these groups are *quartz vein hosted.*

The highest molybdenum sub population (threshold value of 3.3ppm) part of the highest antimony sub population (threshold value of 0.55ppm), and the highest tellurium sub population (threshold of 0.034ppm) only occur with FeOx, the implication being that these groups have been formed by *geochemical scavenging, and are thus spurious*.

The impact of this inferred scavenging on the reliability/representivity of the interpreted element associations is likely to be most important for molybdenum, but only minor for antimony and tellurium, since these elements are well represented in the siltstone (Mathinna Beds) samples.

# 5 CONCLUSIONS

## 5.1 Soil Sample Representivity

The factors influencing the degree of representivity, and hence the usefulness (reliability) of the soil samples collected in the various projects are the type of cover, regolith (type, extent of development & preservation), cultural impacts and geochemical scavenging.

Regional mapping by the MRT depicts several types of Tertiary/Quaternary cover materials, and it is suggested that such data be utilised during the next stages of exploration. Regolith factors are less well known, and have an unknown impact on sample representivity. Cultural (forestry plantation) factors are readily identified, and may not be significant. Geochemical scavenging appears to be important for arsenic at North Lisle East and molybdenum at Cradle Creek, but relatively unimportant for the other elements studied.

A general guide for potential soil sample representivity may be the number of analyses reported as having gold below the level of detection. Using this premise and summarising Table 2 suggests the following:

North Lisle East, Potoroo and Panama - a minimum 40-50% of samples appear to be representative of the underlying granite or Mathinna Beds bedrock.

South Lisle and Cradle Creek - a minimum 15-25% of samples appear to be representative of the underlying granite or Mathinna Beds bedrock.

Golden Ridge - a minimum 35% of samples appear to be representative of the underlying granite or Mathinna Beds bedrock.

## 5.2 Inferred Gold Mineralisation Settings

This study has focused mainly on the distribution of the elements in various sub populations, the element associations and the anomalous element-mineral/rock pairings. North Lisle East and Cradle Creek provided the overall most useful datasets, and the results are presented in Figures 15, 16 and 17.

Figure 15 is a rearrangement of Figures 1 and 8, and depicts the proportion of samples with discrete minerals/rocks versus the frequency of those minerals/rocks paired with anomalous gold.

Figure 16 depicts the frequency of those minerals/rocks paired with anomalous gold according to each project in histogram format.

Figure 17 also depicts the frequency of those minerals/rocks paired with anomalous gold, but assumes that the frequencies reflect the representative soil samples, and are a sub set of the entire project. Consequently, recalculation of the various gold-mineral/rock pairs according to project shows the following:

- Gold occurs most commonly in quartz veins at both North lisle East and Cradle Creek, followed closely by;
- Gold apparently disseminated in either granite (North Lisle East ) or in Mathinna Beds sediments (Cradle Creek), as discussed in Sec. 4.2 & 4.3, and;
- Gold captured by scavenging agents in the regolith forms a minor part of both projects.

Dissemination maybe in the form of microfractures (variably filled as veinlets), or associated with sulphide species.

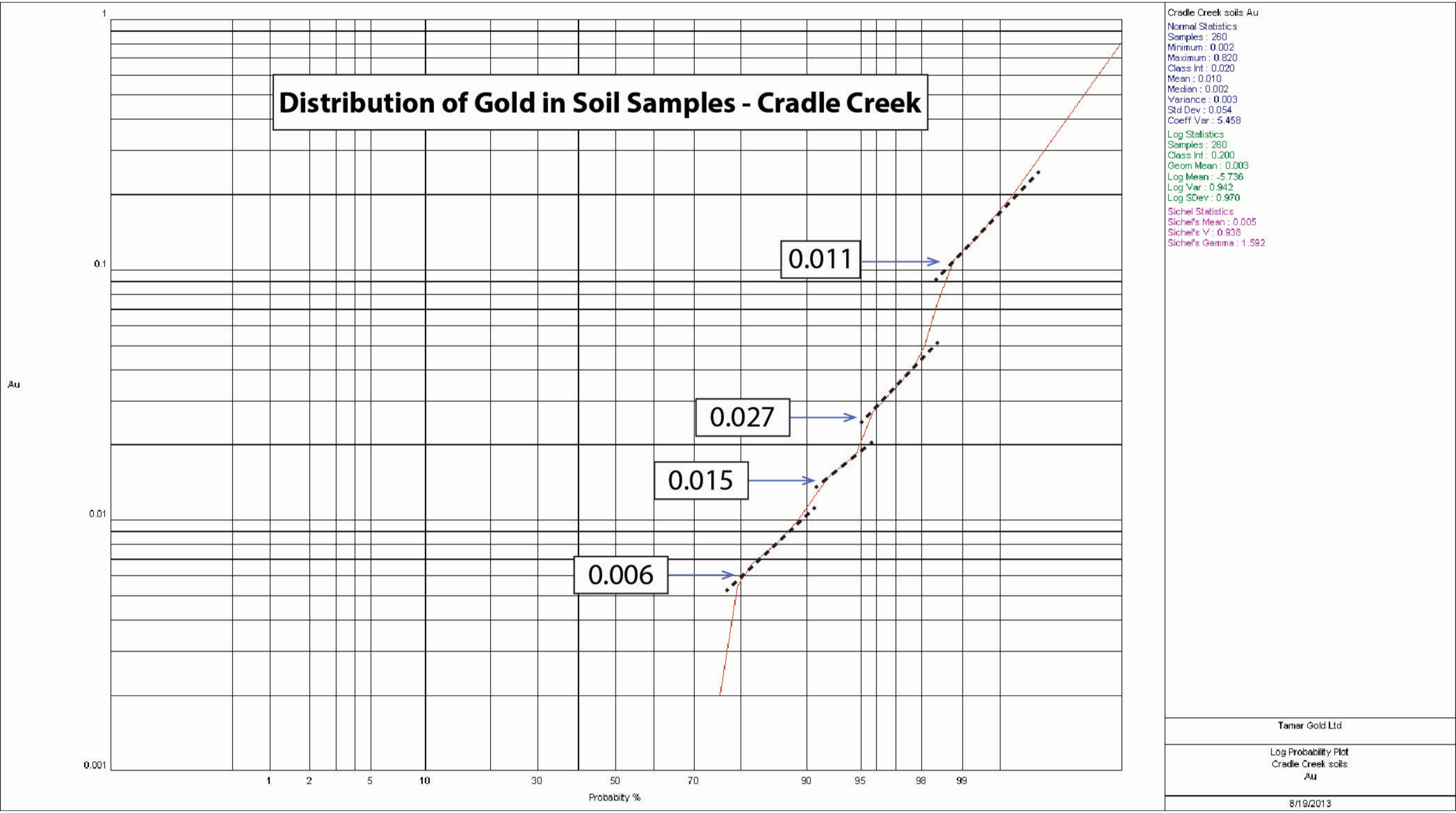
## 5.3 Inferred Zoning of Gold Mineralisation

A review of the geochemical associations indentified from the soil sample analyses suggests that mineralisation events have been several, with over-printing patterns apparent. A simplified interpretation of the element associations is as follows:

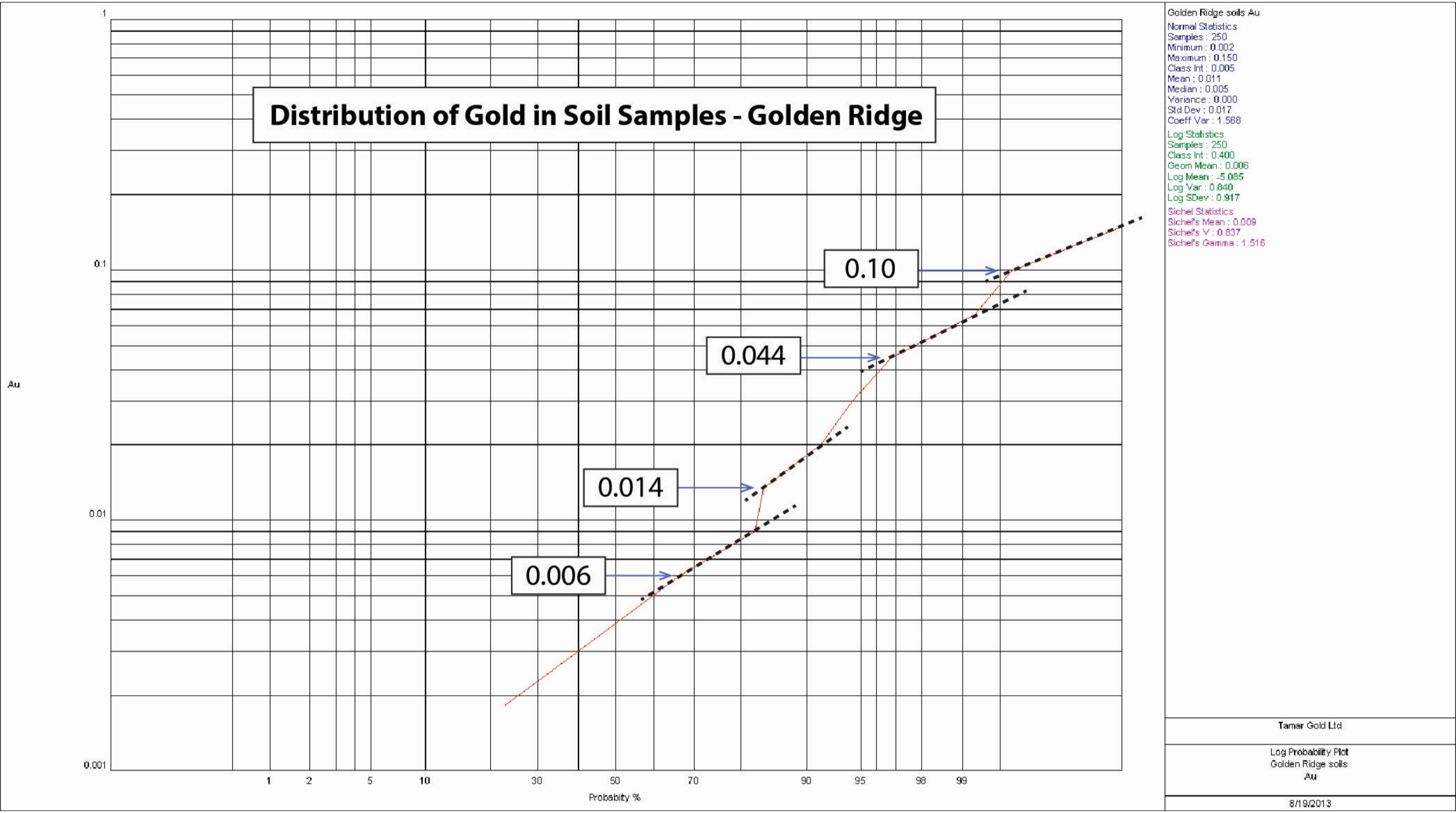
- Granite hosted : Au-Bi-Te (Mo-As) – present in all six projects
- Proximal (aureole hosted) : Au-As (Sb) - present in all six projects
- Distal : Au-As-Sb – present in the five Lisle district projects

# Appendix A

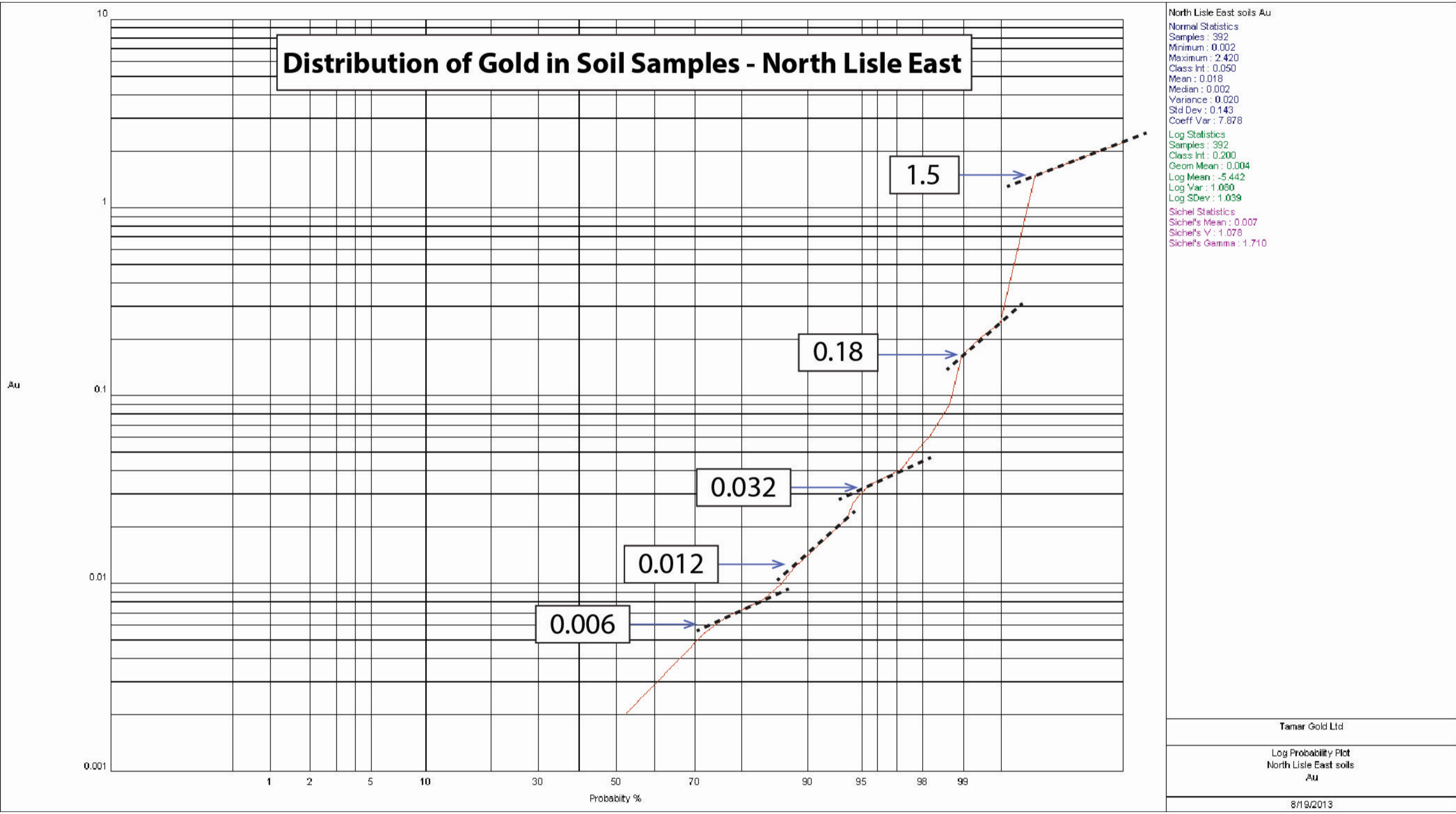
## Gold Sub Populations

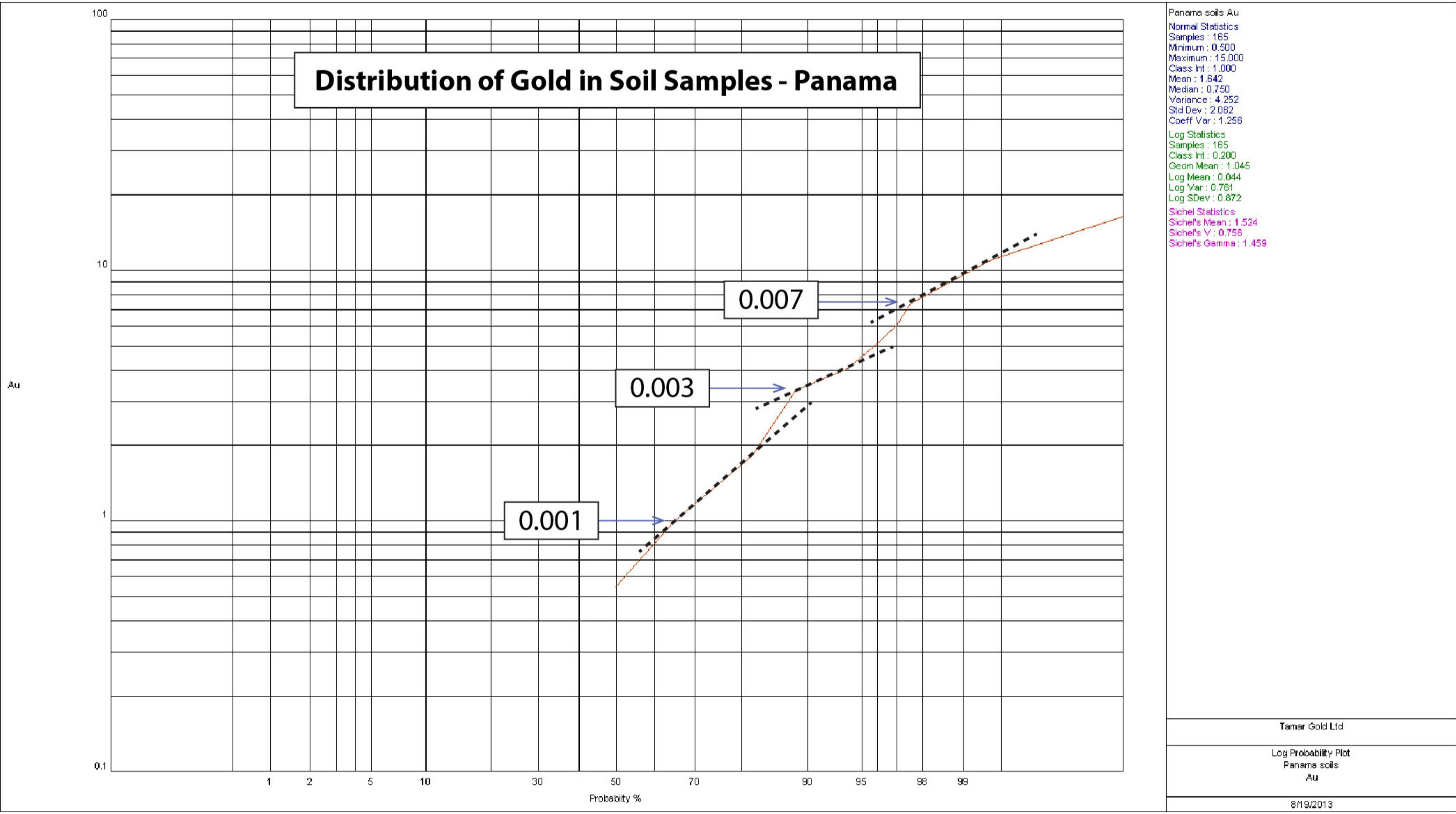


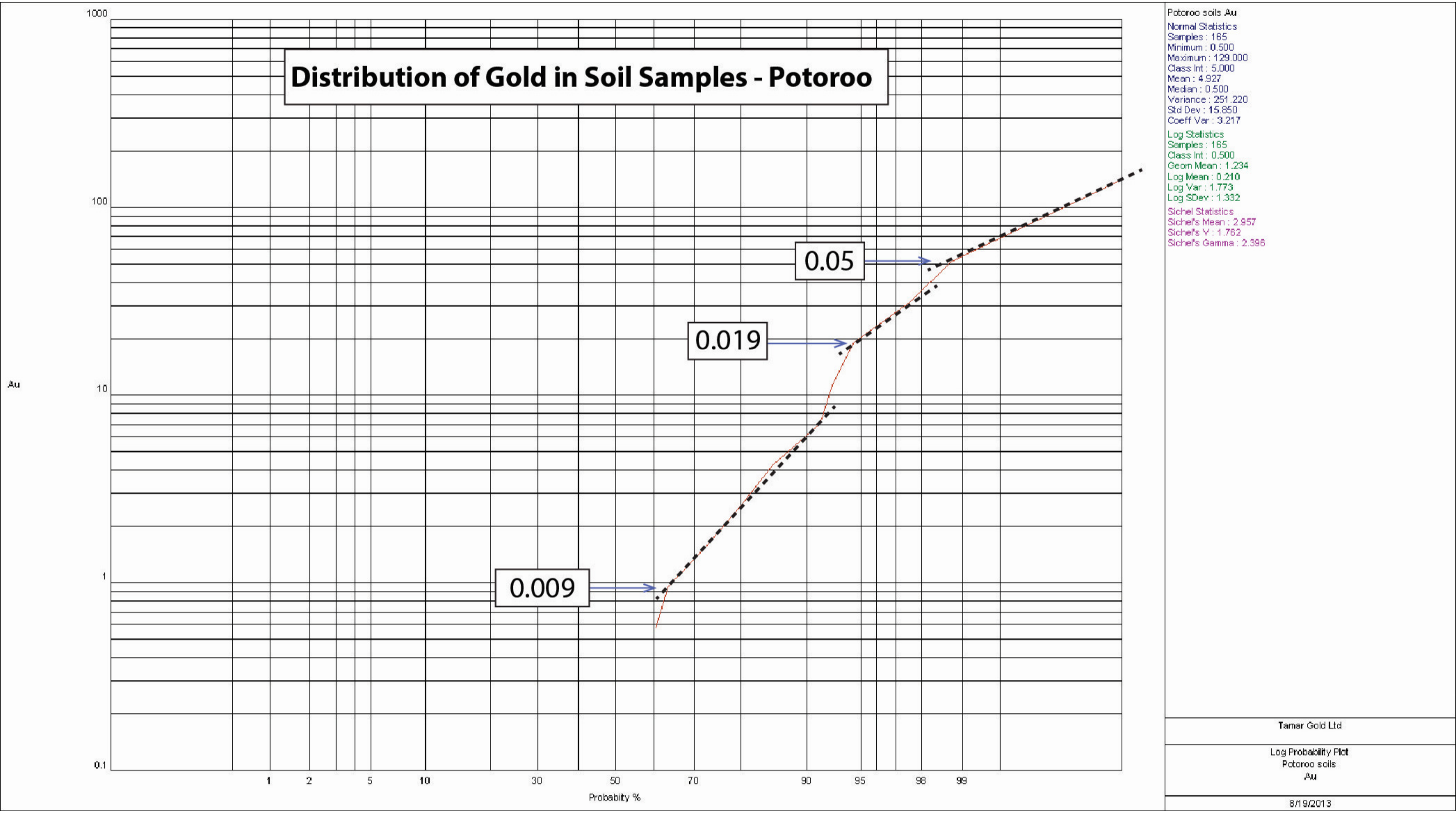
Distribution of Gold in Soil Samples - Cradle Creek
0.011
0.027
0.015
0.006
Au
1
0.1
0.01
0.001
1
2
5
10
30
50
70
90
95
98
99
Probability %
Cradle Creek soils Au
Normal Statistics
Samples : 260
Minimum : 0.002
Maximum : 0.820
Class Int : 0.020
Mean : 0.010
Median : 0.002
Variance : 0.003
Std Dev : 0.054
Coeff Var : 5.458
Log Statistics
Samples : 260
Class Int : 0.200
Geom Mean : 0.003
Log Mean : -5.736
Log Var : 0.942
Log SDev : 0.970
Sichel Statistics
Sichel's Mean : 0.005
Sichel's V : 0.938
Sichel's Gamma : 1.592
Tamar Gold Ltd
Log Probability Plot
Cradle Creek soils
Au
8/19/2013

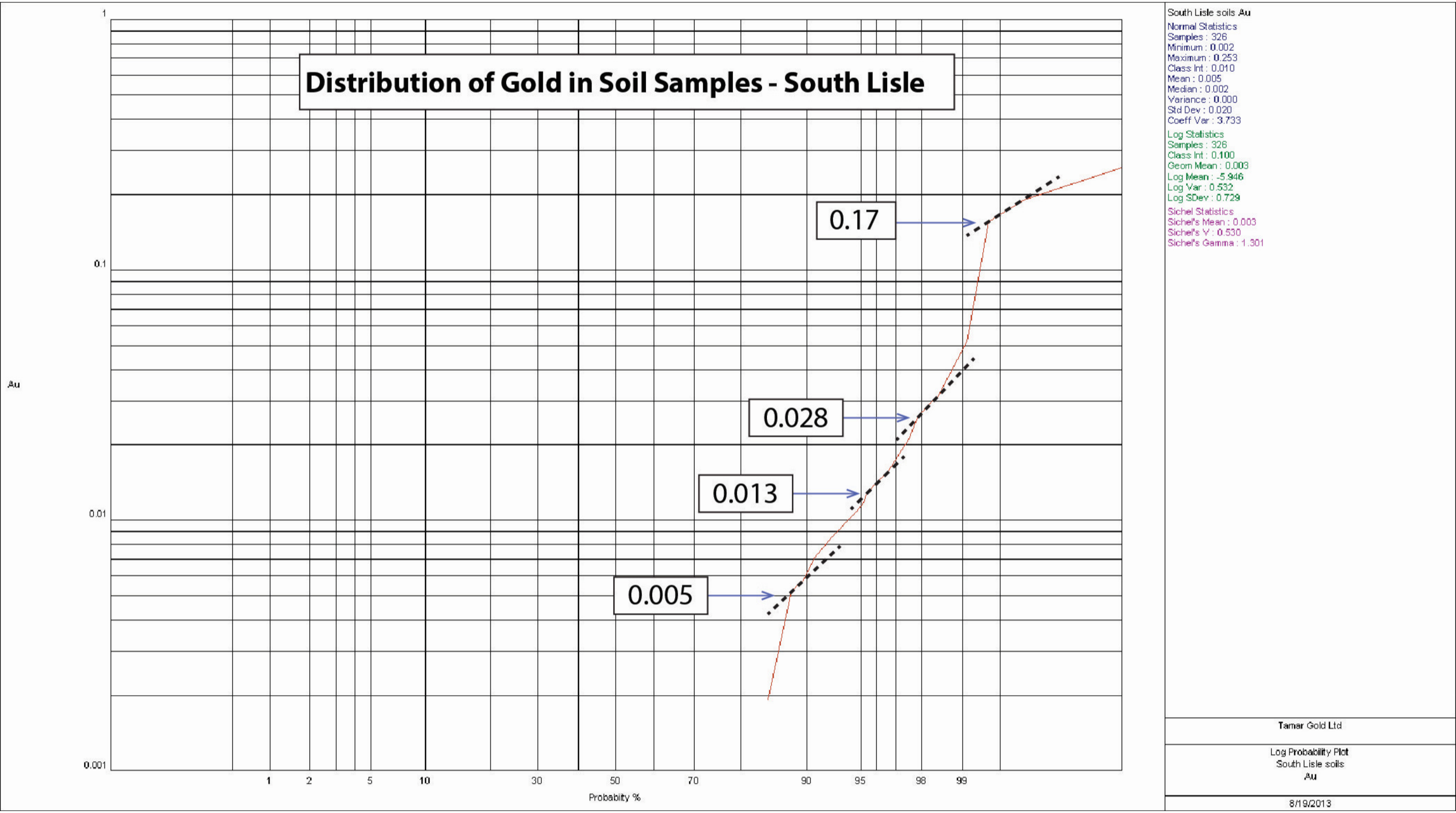


Distribution of Gold in Soil Samples - Golden Ridge
0.10
0.044
0.014
0.006
1
0.1
0.01
0.001
Au
1
2
5
10
30
50
70
90
95
98
99
Probabiity %
Golden Ridge soils Au
Normal Statistics
Samples : 250
Minimum : 0.002
Maximum : 0.150
Class Int : 0.005
Mean : 0.011
Median : 0.005
Variance : 0.000
Std Dev : 0.017
Coeff Var : 1.568
Log Statistics
Samples : 250
Class Int : 0.400
Geom Mean : 0.006
Log Mean : -5.085
Log Var : 0.840
Log SDev : 0.917
Sichel Statistics
Sichel's Mean : 0.009
Sichel's V : 0.837
Sichel's Gamma : 1.516
Tamar Gold Ltd
Log Probability Plot
Golden Ridge soils
Au
8/19/2013


Distribution of Gold in Soil Samples - North Lisle East
1.5
0.18
0.032
0.012
0.006
10
1
0.1
0.01
0.001
Au
1
2
5
10
30
50
70
90
95
98
99
Probability %
North Lisle East soils Au
Normal Statistics
Samples : 392
Minimum : 0.002
Maximum : 2.420
Class Int : 0.050
Mean : 0.018
Median : 0.002
Variance : 0.020
Std Dev : 0.143
Coeff Var : 7.878
Log Statistics
Samples : 392
Class Int : 0.200
Geom Mean : 0.004
Log Mean : -5.442
Log Var : 1.080
Log SDev : 1.039
Sichel Statistics
Sichel's Mean : 0.007
Sichel's V : 1.078
Sichel's Gamma : 1.710
Tamar Gold Ltd
Log Probability Plot
North Lisle East soils
Au
8/19/2013


Distribution of Gold in Soil Samples - Panama
0.001
0.003
0.007
100
10
1
0.1
Au
1
2
5
10
30
50
70
90
95
98
99
Probability %
Panama soils Au
Normal Statistics
Samples : 165
Minimum : 0.500
Maximum : 15.000
Class Int : 1.000
Mean : 1.642
Median : 0.750
Variance : 4.252
Std Dev : 2.062
Coeff Var : 1.256
Log Statistics
Samples : 165
Class Int : 0.200
Geom Mean : 1.045
Log Mean : 0.044
Log Var : 0.761
Log SDev : 0.872
Sichel Statistics
Sichel's Mean : 1.524
Sichel's V : 0.756
Sichel's Gamma : 1.459
Tamar Gold Ltd
Log Probability Plot
Panama soils
Au
8/19/2013


Distribution of Gold in Soil Samples - Potoroo
0.05
0.019
0.009
1000
100
10
1
0.1
Au
1
2
5
10
30
50
70
90
95
98
99
Probability %
Potoroo soils Au
Normal Statistics
Samples : 165
Minimum : 0.500
Maximum : 129.000
Class Int : 5.000
Mean : 4.927
Median : 0.500
Variance : 251.220
Std Dev : 15.850
Coeff Var : 3.217
Log Statistics
Samples : 165
Class Int : 0.500
Geom Mean : 1.234
Log Mean : 0.210
Log Var : 1.773
Log SDev : 1.332
Sichel Statistics
Sichel's Mean : 2.957
Sichel's V : 1.762
Sichel's Gamma : 2.396
Tamar Gold Ltd
Log Probability Plot
Potoroo soils
Au
8/19/2013



Distribution of Gold in Soil Samples - South Lisle
0.17
0.028
0.013
0.005
1
0.1
0.01
0.001
Au
1
2
5
10
30
50
70
90
95
98
99
Probability %
South Lisle soils Au
Normal Statistics
Samples : 326
Minimum : 0.002
Maximum : 0.253
Class Int : 0.010
Mean : 0.005
Median : 0.002
Variance : 0.000
Std Dev : 0.020
Coeff Var : 3.733
Log Statistics
Samples : 326
Class Int : 0.100
Geom Mean : 0.003
Log Mean : -5.946
Log Var : 0.532
Log SDev : 0.729
Sichel Statistics
Sichel's Mean : 0.003
Sichel's V : 0.530
Sichel's Gamma : 1.301
Tamar Gold Ltd
Log Probability Plot
South Lisle soils
Au
8/19/2013

# Appendix B

## South Lisle Project – Soil Sample Results

SOUTH LISLE PROJECT - SOIL SAMPLE RESULTS

Appendix 2

Sampling done March-April 2013; all values in ppm
Coloured cells represent (anomalous) sub populations, in ascending order green-brown-yellow-orange

| | | | | | | | | | | | | Minerals | | Gold-Mineral Pairs | | | | Quartz-Element Pairs | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Au | As | Bi | Cu | Mo | Pb | Sb | Te | Zn | | | Qtz | Mica | Qtz-Au | Mica-Au | Qtz-As | Qtz-Bi | Qtz-Mo | Qtz-Sb | Qtz-Te | Qtz-Zn |
| SLS 001 | 0.002 | 15.6 | 0.27 | 11.7 | 0.74 | 10.1 | 0.3 | 0.03 | 15 | mid brown | Myrtle forest south of creek; dry clay | | | | | | | | | | |
| SLS 002 | 0.002 | 15.6 | 0.18 | 30.2 | 0.64 | 9.8 | 0.34 | 0.01 | 64 | mid brown | dry clay | | | | | | | | | | |
| SLS 003 | 0.002 | 15.6 | 0.15 | 44.4 | 0.76 | 13.2 | 0.34 | 0.02 | 54 | dark brown | damp soil | | | | | | | | | | |
| SLS 004 | 0.002 | 15.6 | 0.23 | 12.6 | 0.35 | 10.6 | 0.25 | 0.01 | 43 | mid brown | possible old creek bed;wet gravel | | | | | | | | | | |
| SLS 005 | 0.002 | 15.6 | 0.16 | 6.8 | 0.47 | 7.8 | 0.31 | 0.01 | 20 | light brown | quartz present; dry sand/gravel | 1 | | | | 1 | | | 1 | | 1 |
| SLS 006 | 0.002 | 88.4 | 0.22 | 44.8 | 0.9 | 9.9 | 0.29 | 0.05 | 68 | mid brown | damp clay | | | | | | | | | | |
| SLS 007 | 0.002 | 14.1 | 0.23 | 7.3 | 0.49 | 9.4 | 0.42 | 0.01 | 17 | mid brown | quartz present; dry clay | 1 | | | | 1 | | 1 | 1 | | 1 |
| SLS 008 | 0.006 | 14.1 | 0.27 | 8.7 | 0.8 | 8.5 | 0.31 | 0.01 | 17 | dark orange | dry clay | | | | | | | | | | |
| SLS 009 | 0.002 | 14.1 | 0.18 | 8.4 | 0.57 | 4.2 | 0.28 | 0.01 | 7 | light brown | Eucalypt forest; quartz present | 1 | | | | 1 | | 1 | 1 | | 1 |
| SLS 010 | 0.002 | 3.8 | 0.19 | 5.8 | 0.27 | 7.1 | 0.26 | 0.01 | 20 | pale brown | fresh quartz present; dry sand | 1 | | | | 1 | | | 1 | | 1 |
| SLS 011 | 0.005 | 6.1 | 0.2 | 6.6 | 0.53 | 7.4 | 0.34 | 0.005 | 24 | pale brown | near 3 x finger dumps running N-S | | | | | | | | | | |
| SLS 012 | 0.005 | 20.7 | 0.64 | 15.5 | 0.23 | 33.3 | 0.63 | 0.04 | 35 | light grey | wet sand/clay | | | | | | | | | | |
| SLS 013 | 0.005 | 52.8 | 6.09 | 12.9 | 0.39 | 20.9 | 0.37 | 0.18 | 50 | light orange | moist sand/clay | | | | | | | | | | |
| SLS 014 | 0.005 | 18.1 | 0.43 | 9.2 | 0.47 | 8.8 | 0.7 | 0.03 | 36 | mid brown | quartz present; damp sand | 1 | | 1 | | 1 | 1 | | 1 | 1 | 1 |
| SLS 015 | 0.005 | 11.4 | 0.43 | 7.6 | 0.73 | 6.5 | 0.2 | 0.005 | 8 | pale brown | quartz present; dry clay | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 |
| SLS 016 | 0.022 | 24.3 | 0.46 | 6.5 | 0.53 | 9.3 | 0.19 | 0.02 | 26 | light orange | moist clay; creek slope | | | | | | | | | | |
| SLS 017 | 0.005 | 3.5 | 0.72 | 2.4 | 0.53 | 4.8 | 0.15 | 0.03 | 7 | pale brown | quartz present; dry sand | 1 | | 1 | | 1 | 1 | 1 | | 1 | 1 |
| SLS 018 | 0.183 | 268 | 2.53 | 13.5 | 0.82 | 33.3 | 1.37 | 0.18 | 24 | mid red | dry clay; edge of pines | | | | | | | | | | |
| SLS 019 | 0.15 | 117 | 0.85 | 10.7 | 0.96 | 15.1 | 0.84 | 0.06 | 18 | dark red | Pine forest; dry clay | | | | | | | | | | |
| SLS 020 | 0.012 | 137 | 0.73 | 7.7 | 0.97 | 13.2 | 0.79 | 0.04 | 12 | dark orange | Scrub; dry clay | | | | | | | | | | |
| SLS 021 | 0.01 | 155.5 | 0.92 | 20.9 | 1.35 | 18 | 0.68 | 0.05 | 64 | mid orange | Scrub; saturated clay | | | | | | | | | | |
| SLS 022 | 0.002 | 72.3 | 0.69 | 6.6 | 1.11 | 10.8 | 0.48 | 0.02 | 17 | mid orange | dry clay | | | | | | | | | | |
| SLS 023 | 0.032 | 69.6 | 0.92 | 20.1 | 1.1 | 14.1 | 0.9 | 0.05 | 30 | mid brown | dry clay | | | | | | | | | | |
| SLS 024 | 0.002 | 14.5 | 0.34 | 14.9 | 0.19 | 12.3 | 0.64 | 0.02 | 51 | light brown | wet sand | | | | | | | | | | |
| SLS 025 | 0.002 | 25 | 0.3 | 8.5 | 0.54 | 8.3 | 0.31 | 0.02 | 20 | dark orange | dry clay | | | | | | | | | | |
| SLS 026 | 0.002 | 35.1 | 0.3 | 12.7 | 0.7 | 10.3 | 0.42 | 0.03 | 21 | mid orange | Pine forest; dry clay | | | | | | | | | | |
| SLS 027 | 0.002 | 26.2 | 0.42 | 28.3 | 1.38 | 13.3 | 0.72 | 0.04 | 27 | dark orange | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 028 | 0.002 | 19.8 | 0.51 | 17.2 | 1.24 | 10.3 | 0.54 | 0.03 | 18 | dark brown | edge of pines; dry clay | | | | | | | | | | |
| SLS 029 | 0.002 | 22.8 | 0.5 | 22.5 | 1.64 | 12.3 | 0.74 | 0.04 | 19 | dark red | Scrub; dry clay | | | | | | | | | | |
| SLS 030 | 0.002 | 16.9 | 0.47 | 14.5 | 1.55 | 10.2 | 0.91 | 0.04 | 8 | dark brown | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 031 | 0.002 | 19.2 | 0.51 | 7.5 | 1.43 | 7.5 | 0.74 | 0.03 | 9 | dark orange | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 032 | 0.002 | 18 | 0.51 | 12.1 | 1.36 | 10.9 | 0.78 | 0.03 | 19 | mid orange | damp clay | | | | | | | | | | |
| SLS 033 | 0.002 | 15.7 | 0.39 | 12.9 | 1.18 | 10 | 0.73 | 0.03 | 17 | mid brown | quartz present; damp clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 034 | 0.002 | 25 | 0.65 | 20 | 1.6 | 12.7 | 0.83 | 0.04 | 22 | dark orange | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 035 | 0.002 | 25 | 0.64 | 19.7 | 1.55 | 12.3 | 0.75 | 0.03 | 19 | dark orange | dry clay | | | | | | | | | | |
| SLS 036 | 0.002 | 19.4 | 0.69 | 22.7 | 1.46 | 12.2 | 0.66 | 0.06 | 18 | dark orange | dry clay | | | | | | | | | | |
| SLS 037 | 0.002 | 78.1 | 0.78 | 16.1 | 1.06 | 14 | 0.89 | 0.08 | 16 | dark orange | dry clay | | | | | | | | | | |
| SLS 038 | 0.002 | 127.5 | 0.83 | 23.2 | 1.29 | 18.4 | 1.11 | 0.09 | 25 | dark orange | dry clay | | | | | | | | | | |
| SLS 039 | 0.01 | 130 | 0.97 | 18.7 | 1.32 | 23.3 | 1.05 | 0.08 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 040 | 0.002 | 44.9 | 0.8 | 10.1 | 1 | 11.8 | 0.41 | 0.04 | 13 | mid brown | dry clay | | | | | | | | | | |
| SLS 041 | 0.002 | 112 | 0.36 | 10.6 | 1.65 | 16.4 | 0.27 | 0.05 | 30 | mid brown | edge of pines; dry clay | | | | | | | | | | |
| SLS 042 | 0.009 | 104 | 2.35 | 20.4 | 1.94 | 25.5 | 0.75 | 0.07 | 39 | mid orange | scrub;dry clay | | | | | | | | | | |
| SLS 043 | 0.011 | 96 | 0.64 | 12.8 | 1.39 | 18.8 | 0.39 | 0.04 | 58 | light orange | dry clay | | | | | | | | | | |
| SLS 044 | 0.05 | 122.5 | 3.23 | 14.6 | 1.67 | 21.5 | 0.52 | 0.1 | 43 | mid brown | dry clay | | | | | | | | | | |
| SLS 045 | 0.002 | 99.8 | 0.68 | 17 | 1.62 | 14.4 | 0.61 | 0.05 | 21 | mid brown | dry clay | | | | | | | | | | |
| SLS 046 | 0.007 | 88.8 | 0.81 | 9.2 | 1.19 | 12.6 | 0.72 | 0.05 | 16 | mid brown | quartz present; dry clay; pines | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 047 | 0.002 | 100.5 | 0.58 | 12.7 | 1.58 | 14.7 | 0.43 | 0.03 | 33 | mid brown | dry clay | | | | | | | | | | |
| SLS 048 | 0.012 | 71.5 | 1.22 | 16 | 1.51 | 14.6 | 0.87 | 0.08 | 21 | dark orange | dry clay | | | | | | | | | | |
| SLS 049 | 0.008 | 103.5 | 2.46 | 26.8 | 1.09 | 19.6 | 0.93 | 0.08 | 42 | mid orange | dry clay | | | | | | | | | | |
| SLS 050 | 0.002 | 26.6 | 0.28 | 11.4 | 1.11 | 10.9 | 0.33 | 0.04 | 32 | mid orange | dry clay | | | | | | | | | | |
| SLS 051 | 0.002 | 13.5 | 0.3 | 14.3 | 1.06 | 13.1 | 0.38 | 0.03 | 30 | mid brown | dry clay; C of line2 | | | | | | | | | | |
| SLS 052 | 0.002 | 17.1 | 0.48 | 7.4 | 0.72 | 12.8 | 0.47 | 0.02 | 16 | mid brown | quartz; dry clay; pines | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 053 | 0.002 | 13.4 | 0.43 | 9.6 | 1.12 | 11.7 | 0.35 | 0.03 | 21 | mid brown | dry clay | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLS 054 | 0.026 | 10.4 | 3.7 | 23.1 | 1.4 | 14.2 | 0.28 | 0.09 | 22 | mid brown | dry clay | | | | | | | |
| SLS 055 | 0.014 | 14.7 | 1.87 | 16.3 | 1.12 | 13 | 0.29 | 0.09 | 21 | mid brown | dry clay | | | | | | | |
| SLS 056 | 0.002 | 9.2 | 0.66 | 15.5 | 0.9 | 15.6 | 0.47 | 0.03 | 16 | mid brown | dry clay | | | | | | | |
| SLS 057 | 0.002 | 6.3 | 0.51 | 11.2 | 0.86 | 11 | 0.34 | 0.01 | 14 | light brown | quartz present; dry clay | 1 | 1 | 1 | 1 | 1 | | 1 |
| SLS 058 | 0.002 | 4.2 | 0.35 | 6.9 | 0.74 | 9.6 | 0.2 | 0.03 | 11 | light brown | dry clay | | | | | | | |
| SLS 059 | 0.002 | 5.7 | 0.37 | 8.1 | 1.05 | 9.6 | 0.24 | 0.02 | 9 | dark brown | dry clay | | | | | | | |
| SLS 060 | 0.002 | 3.9 | 0.34 | 12 | 0.4 | 10.9 | 0.19 | 0.03 | 36 | pale brown | wet clay; top of gully | | | | | | | |
| SLS 061 | 0.002 | 9.1 | 0.41 | 6.5 | 0.67 | 9.6 | 0.2 | 0.03 | 10 | light brown | dry clay | | | | | | | |
| SLS 062 | 0.002 | 10.8 | 0.5 | 6.6 | 0.92 | 9.5 | 0.25 | 0.02 | 10 | mid brown | quartz present; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 063 | 0.002 | 12.4 | 0.43 | 8.7 | 0.94 | 11 | 0.25 | 0.03 | 12 | mid brown | dry clay | | | | | | | |
| SLS 064 | 0.002 | 10.7 | 0.48 | 15.4 | 0.78 | 14.7 | 0.18 | 0.04 | 24 | mid brown | quartz present; dry clay | 1 | 1 | 1 | 1 | | 1 | 1 |
| SLS 065 | 0.002 | 8 | 0.44 | 11.4 | 0.83 | 13.2 | 0.17 | 0.02 | 20 | mid brown | dry clay | | | | | | | |
| SLS 066 | 0.002 | 5.9 | 0.43 | 12.4 | 1.09 | 11.5 | 0.17 | 0.03 | 17 | mid brown | dry clay | | | | | | | |
| SLS 067 | 0.002 | 9.4 | 0.54 | 19.8 | 1.04 | 18.2 | 0.23 | 0.06 | 22 | mid brown | dry clay | | | | | | | |
| SLS 068 | 0.002 | 9.9 | 0.52 | 19 | 0.93 | 17.6 | 0.2 | 0.04 | 29 | mid brown | dry clay | | | | | | | |
| SLS 069 | 0.002 | 11.4 | 0.5 | 22 | 0.94 | 16.3 | 0.32 | 0.02 | 28 | mid brown | dry clay | | | | | | | |
| SLS 070 | 0.002 | 9.7 | 0.47 | 15.8 | 0.71 | 13.2 | 0.26 | 0.02 | 20 | mid brown | dry clay | | | | | | | |
| SLS 071 | 0.002 | 10 | 0.46 | 19.1 | 0.73 | 16.3 | 0.29 | 0.04 | 28 | mid brown | dry clay | | | | | | | |
| SLS 072 | 0.002 | 13 | 0.61 | 28.8 | 1.2 | 18 | 0.32 | 0.03 | 33 | mid brown | dry clay; end of line 2 | | | | | | | |
| SLS 073 | 0.005 | 7.9 | 0.47 | 16.4 | 0.84 | 12.9 | 0.29 | 0.03 | 19 | mid brown | dry clay; pines; trak edge | | | | | | | |
| SLS 074 | 0.002 | 6.1 | 0.39 | 11.3 | 0.77 | 11.8 | 0.2 | 0.02 | 16 | mid brown | dry clay | | | | | | | |
| SLS 075 | 0.002 | 7.1 | 0.45 | 17.5 | 1.06 | 12.4 | 0.27 | 0.03 | 20 | mid brown | dry clay | | | | | | | |
| SLS 076 | 0.002 | 8.4 | 0.44 | 17.2 | 2.27 | 15.3 | 0.22 | 0.03 | 25 | mid brown | dry clay | | | | | | | |
| SLS 077 | 0.002 | 7.3 | 0.47 | 15.2 | 0.99 | 13.5 | 0.22 | 0.02 | 17 | mid brown | dry clay | | | | | | | |
| SLS 078 | 0.002 | 7.7 | 0.46 | 18.2 | 0.82 | 14.7 | 0.24 | 0.02 | 17 | mid brown | dry clay | | | | | | | |
| SLS 079 | 0.002 | 10.4 | 0.51 | 24.4 | 1.15 | 18.8 | 0.28 | 0.04 | 26 | mid brown | dry clay | | | | | | | |
| SLS 080 | 0.002 | 8.1 | 0.36 | 13 | 1.44 | 12.7 | 0.21 | 0.02 | 19 | mid brown | dry clay | | | | | | | |
| SLS 081 | 0.002 | 10.4 | 0.36 | 21.1 | 1.56 | 15.9 | 0.32 | 0.02 | 21 | mid brown | dry clay | | | | | | | |
| SLS 082 | 0.002 | 5.1 | 0.36 | 15.2 | 0.87 | 12.9 | 0.19 | 0.02 | 29 | mid brown | dry clay | | | | | | | |
| SLS 083 | 0.002 | 7.4 | 0.39 | 8.5 | 0.91 | 11.8 | 0.2 | 0.02 | 17 | mid brown | quartz present; pines; no red tinge | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 084 | 0.002 | 7.7 | 0.5 | 19.7 | 0.97 | 15.4 | 0.23 | 0.02 | 40 | mid brown | dry clay | | | | | | | |
| SLS 085 | 0.002 | 8 | 0.52 | 19.7 | 0.97 | 16.5 | 0.22 | 0.05 | 48 | mid brown | dry clay | | | | | | | |
| SLS 086 | 0.015 | 8.5 | 1.77 | 26.4 | 1.41 | 16.2 | 0.23 | 0.06 | 40 | mid brown | dry clay | | | | | | | |
| SLS 087 | 0.005 | 10 | 0.91 | 29 | 2.12 | 16.5 | 0.29 | 0.03 | 34 | mid brown | dry clay | | | | | | | |
| SLS 088 | 0.002 | 3.2 | 0.2 | 8.7 | 0.59 | 8.6 | 0.19 | 0.005 | 38 | light grey | quartz present; dry sand; in gully | 1 | 1 | | 1 | | | 1 |
| SLS 089 | 0.002 | 9 | 0.44 | 13.4 | 0.91 | 15.2 | 0.39 | 0.02 | 20 | light brown | dry clay; pines | | | | | | | |
| SLS 090 | 0.002 | 33.6 | 0.27 | 15.8 | 0.99 | 11.6 | 0.38 | 0.01 | 15 | mid orange | dry clay | | | | | | | |
| SLS 091 | 0.002 | 10.6 | 0.6 | 14.7 | 0.86 | 13.4 | 0.5 | 0.05 | 12 | mid brown | dry clay | | | | | | | |
| SLS 092 | 0.002 | 9.9 | 0.7 | 20.9 | 0.83 | 17.9 | 0.42 | 0.04 | 23 | mid orange | dry clay | | | | | | | |
| SLS 093 | 0.013 | 6.6 | 1.37 | 17.8 | 0.66 | 16.5 | 0.27 | 0.06 | 26 | pale orange | wet clay ; gully scrub | | | | | | | |
| SLS 094 | 0.002 | 2.7 | 0.22 | 7.6 | 0.32 | 7.3 | 0.18 | 0.01 | 19 | light brown | dry sand; gully scrub | | | | | | | |
| SLS 095 | 0.002 | 13.6 | 0.3 | 13.2 | 0.75 | 10.2 | 0.35 | 0.02 | 18 | mid brown | dry clay; end of line 1 | | | | | | | |
| SLS 096 | 0.002 | 7.6 | 0.45 | 13.9 | 0.52 | 16.7 | 0.27 | 0.04 | 25 | mid brown | dry clay | | | | | | | |
| SLS 097 | 0.002 | 13.9 | 0.54 | 16.7 | 0.93 | 18.4 | 0.28 | 0.04 | 28 | mid brown | dry clay | | | | | | | |
| SLS 098 | 0.002 | 9 | 0.69 | 15.5 | 0.82 | 19.1 | 0.27 | 0.02 | 21 | mid brown | dry clay | | | | | | | |
| SLS 099 | 0.002 | 10.7 | 0.63 | 19.7 | 0.62 | 20.5 | 0.2 | 0.04 | 29 | mid brown | dry clay | | | | | | | |
| SLS 100 | 0.002 | 11.1 | 0.55 | 16.3 | 0.8 | 18.3 | 0.27 | 0.04 | 27 | mid brown | dry clay | | | | | | | |
| SLS 101 | 0.005 | 15.6 | 0.66 | 28.6 | 1.21 | 23.9 | 0.38 | 0.06 | 32 | mid brown | dry clay | | | | | | | |
| SLS 102 | 0.002 | 7.3 | 0.47 | 9.7 | 0.24 | 14.4 | 0.76 | 0.02 | 23 | mid brown | dry gravel; pines | | | | | | | |
| SLS 103 | 0.002 | 11.3 | 0.54 | 18.3 | 0.9 | 16.2 | 0.36 | 0.04 | 27 | dark orange | dry clay | | | | | | | |
| SLS 104 | 0.002 | 6.3 | 0.43 | 14 | 0.4 | 10.6 | 0.26 | 0.03 | 11 | mid brown | dry clay/gravel | | | | | | | |
| SLS 105 | 0.002 | 7.9 | 0.47 | 11.5 | 0.63 | 14.2 | 0.29 | 0.01 | 16 | mid brown | dry clay | | | | | | | |
| SLS 106 | 0.002 | 7.6 | 0.51 | 15.4 | 0.72 | 14.3 | 0.67 | 0.06 | 15 | dark orange | quartz present; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 107 | 0.002 | 10.7 | 0.46 | 20 | 0.82 | 17 | 0.78 | 0.04 | 24 | mid brown | quartz present; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 108 | 0.002 | 7.2 | 0.49 | 13.6 | 0.69 | 16.2 | 0.53 | 0.05 | 21 | mid brown | quartz present; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 109 | 0.002 | 7.4 | 0.51 | 25.5 | 0.92 | 19.3 | 0.4 | 0.05 | 32 | mid brown | dry clay | | | | | | | |
| SLS 110 | 0.002 | 6.4 | 0.53 | 15.9 | 0.66 | 13.6 | 0.5 | 0.06 | 21 | mid brown | dry clay | | | | | | | |
| SLS 111 | 0.002 | 11.2 | 0.6 | 37.4 | 0.94 | 24 | 0.61 | 0.04 | 60 | dark orange | old workings; dry clay | | | | | | | |
| SLS 112 | 0.002 | 25.7 | 0.58 | 17.9 | 1.09 | 17.4 | 0.69 | 0.05 | 22 | dark orange | dry clay | | | | | | | |
| SLS 113 | 0.002 | 10.8 | 0.53 | 25.3 | 0.83 | 18.8 | 0.71 | 0.04 | 33 | mid brown | old workings; dry clay | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLS 114 | 0.002 | 39.2 | 0.64 | 23.8 | 1.55 | 18 | 0.65 | 0.03 | 30 | dark orange | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 115 | 0.002 | 26.5 | 0.49 | 11.7 | 0.42 | 11.6 | 0.6 | 0.03 | 18 | mid brown | dry gravel; mica? | | 1 | | | | | | | | |
| SLS 116 | 0.002 | 17.1 | 0.55 | 14.7 | 0.65 | 14.5 | 0.81 | 0.05 | 19 | mid brown | dry clay | | | | | | | | | | |
| SLS 117 | 0.002 | 13.6 | 0.47 | 17.6 | 0.75 | 14.3 | 1.01 | 0.04 | 21 | mid brown | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 118 | 0.005 | 35.5 | 0.58 | 18.6 | 0.47 | 16.8 | 1.19 | 0.04 | 21 | mid brown | dry clay | | | | | | | | | | |
| SLS 119 | 0.002 | 70.6 | 0.54 | 9.7 | 0.27 | 15.3 | 0.62 | 0.05 | 12 | dark brown | dry gravel | | | | | | | | | | |
| SLS 120 | 0.002 | 26.5 | 0.52 | 19.6 | 0.86 | 14.8 | 0.84 | 0.03 | 32 | mid brown | dry clay | | | | | | | | | | |
| SLS 121 | 0.002 | 26.9 | 0.49 | 17.4 | 0.78 | 13.2 | 1.02 | 0.05 | 18 | dark brown | quartz; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 122 | 0.002 | 56.6 | 0.52 | 24.1 | 1.4 | 13.3 | 1.21 | 0.05 | 24 | mid brown | quartz; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 123 | 0.002 | 17.2 | 0.76 | 18.2 | 0.95 | 14.8 | 0.82 | 0.05 | 25 | mid brown | dry clay | | | | | | | | | | |
| SLS 124 | 0.01 | 11.4 | 0.94 | 28.6 | 0.94 | 20.1 | 0.82 | 0.07 | 39 | mid orange | dry clay | | | | | | | | | | |
| SLS 125 | 0.028 | 10.2 | 2.88 | 20.8 | 0.63 | 14.8 | 0.73 | 0.13 | 29 | mid brown | dry clay | | | | | | | | | | |
| SLS 126 | 0.002 | 15.2 | 0.79 | 18 | 0.6 | 10.5 | 0.82 | 0.06 | 19 | mid brown | dry clay | | | | | | | | | | |
| SLS 127 | 0.002 | 15.2 | 0.74 | 18.4 | 0.65 | 10.7 | 0.8 | 0.06 | 24 | mid brown | dry clay | | | | | | | | | | |
| SLS 128 | 0.002 | 16.4 | 1.04 | 16.4 | 0.67 | 8.9 | 0.74 | 0.07 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 129 | 0.002 | 24.4 | 0.81 | 25.6 | 0.98 | 12.1 | 1.25 | 0.09 | 21 | mid brown | dry clay | | | | | | | | | | |
| SLS 130 | 0.002 | 31.8 | 0.79 | 14.7 | 1.88 | 8.7 | 1.04 | 0.09 | 12 | mid brown | dry clay | | | | | | | | | | |
| SLS 131 | 0.002 | 28.8 | 0.85 | 17 | 1.05 | 8.5 | 1.2 | 0.08 | 11 | dark brown | dry clay | | | | | | | | | | |
| SLS 132 | 0.002 | 39.7 | 0.85 | 22.4 | 0.75 | 11 | 1.09 | 0.07 | 18 | mid brown | dry clay | | | | | | | | | | |
| SLS 133 | 0.008 | 126 | 1.61 | 17.1 | 0.94 | 20 | 1.16 | 0.14 | 14 | dark brown | dry clay | | | | | | | | | | |
| SLS 134 | 0.002 | 94.2 | 0.83 | 12.7 | 0.71 | 36.3 | 0.75 | 0.06 | 12 | mid brown | dry clay | | | | | | | | | | |
| SLS 135 | 0.002 | 69 | 0.74 | 25.9 | 1.19 | 14.9 | 0.81 | 0.09 | 24 | mid brown | dry clay | | | | | | | | | | |
| SLS 136 | 0.002 | 68.1 | 0.84 | 28.7 | 1.09 | 17.9 | 0.97 | 0.11 | 22 | dark brown | dry clay | | | | | | | | | | |
| SLS 137 | 0.002 | 10.5 | 0.6 | 11.3 | 0.82 | 10 | 0.48 | 0.06 | 13 | mid brown | dry clay | | | | | | | | | | |
| SLS 138 | 0.002 | 10.9 | 0.57 | 15 | 0.95 | 11 | 0.54 | 0.07 | 17 | mid brown | quartz; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 139 | 0.002 | 6.7 | 0.51 | 14.9 | 1.07 | 10.1 | 0.42 | 0.06 | 13 | mid brown | dry clay | | | | | | | | | | |
| SLS 140 | 0.002 | 5.9 | 0.6 | 13.5 | 0.92 | 11.8 | 0.43 | 0.07 | 19 | mid brown | dry clay | | | | | | | | | | |
| SLS 141 | 0.002 | 6.4 | 0.67 | 20.3 | 0.95 | 12.8 | 0.59 | 0.06 | 37 | dark brown | dry clay | | | | | | | | | | |
| SLS 142 | 0.002 | 6.7 | 0.5 | 13.4 | 0.96 | 10.9 | 0.54 | 0.04 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 143 | 0.002 | 12.1 | 0.49 | 13.7 | 1.17 | 9.4 | 0.62 | 0.03 | 14 | mid brown | dry clay | | | | | | | | | | |
| SLS 144 | 0.002 | 10.7 | 0.5 | 12.7 | 1.05 | 9 | 0.73 | 0.06 | 12 | mid brown | dry clay | | | | | | | | | | |
| SLS 145 | 0.002 | 9.6 | 0.47 | 14.2 | 0.7 | 8.1 | 0.74 | 0.04 | 10 | dark brown | dry clay | | | | | | | | | | |
| SLS 146 | 0.002 | 5.3 | 0.35 | 12.9 | 0.82 | 10.2 | 0.68 | 0.04 | 14 | dark brown | dry gravel | | | | | | | | | | |
| SLS 147 | 0.002 | 13.6 | 0.56 | 33.9 | 1.84 | 12.6 | 1.64 | 0.08 | 15 | mid brown | dry clay | | | | | | | | | | |
| SLS 148 | 0.007 | 7.9 | 0.49 | 24.3 | 1.01 | 22.2 | 0.27 | 0.04 | 36 | dark brown | dry clay | | | | | | | | | | |
| SLS 149 | 0.002 | 5.7 | 0.5 | 17.7 | 0.85 | 16.5 | 0.23 | 0.04 | 26 | mid brown | dry clay | | | | | | | | | | |
| SLS 150 | 0.002 | 11.1 | 0.73 | 19 | 0.98 | 12 | 0.38 | 0.04 | 15 | dark brown | dry clay | | | | | | | | | | |
| SLS 151 | 0.002 | 7.5 | 0.45 | 14.9 | 0.95 | 24.5 | 0.37 | 0.05 | 15 | mid brown | surface quartz;dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 152 | 0.002 | 4.8 | 0.45 | 9.3 | 0.56 | 12.2 | 0.28 | 0.04 | 14 | mid brown | abundant quartz; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 153 | 0.002 | 8.1 | 0.54 | 28.8 | 1.31 | 21.9 | 1.39 | 0.07 | 24 | mid brown | dry clay | | | | | | | | | | |
| SLS 154 | 0.002 | 6.5 | 0.59 | 22.7 | 1.1 | 20.2 | 0.4 | 0.06 | 28 | mid brown | dry clay | | | | | | | | | | |
| SLS 155 | 0.002 | 9.7 | 0.5 | 44.1 | 1.48 | 24.5 | 1.05 | 0.06 | 50 | mid brown | pines; dry clay | | | | | | | | | | |
| SLS 156 | 0.002 | 9.6 | 0.54 | 27.2 | 1.05 | 17.9 | 1.54 | 0.06 | 33 | mid brown | dry clay | | | | | | | | | | |
| SLS 157 | 0.002 | 8.2 | 0.61 | 21.7 | 1.31 | 22.6 | 0.71 | 0.06 | 25 | mid brown | dry clay | | | | | | | | | | |
| SLS 158 | 0.002 | 13.8 | 0.47 | 14.3 | 0.68 | 13.9 | 1.33 | 0.05 | 23 | mid brown | dry clay | | | | | | | | | | |
| SLS 159 | 0.002 | 8.3 | 0.48 | 19.5 | 1.69 | 13.5 | 0.48 | 0.05 | 26 | mid brown | quarry up hill; dry clay | | | | | | | | | | |
| SLS 160 | 0.002 | 21.8 | 0.61 | 31.3 | 1.9 | 25.7 | 0.78 | 0.05 | 27 | dark brown | damp clay; minimal rock chips | | | | | | | | | | |
| SLS 161 | 0.002 | 28.9 | 0.56 | 18.2 | 1.2 | 16.6 | 0.9 | 0.05 | 21 | mid brown | dry clay | | | | | | | | | | |
| SLS 162 | 0.002 | 8.9 | 0.55 | 17.2 | 1.04 | 16 | 0.98 | 0.04 | 24 | mid brown | quartz present; damp clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 163 | 0.002 | 9.4 | 0.76 | 23.3 | 0.97 | 18.6 | 1.72 | 0.08 | 34 | dark orange | dry clay | | | | | | | | | | |
| SLS 164 | 0.002 | 28.2 | 0.61 | 15.4 | 1.33 | 14.9 | 1.32 | 0.07 | 23 | mid brown | dry clay | | | | | | | | | | |
| SLS 165 | 0.002 | 72.2 | 0.62 | 31.3 | 1.5 | 16.4 | 1.27 | 0.06 | 37 | mid brown | dry clay | | | | | | | | | | |
| SLS 166 | 0.002 | 10.2 | 0.73 | 27.5 | 0.8 | 15.3 | 1.24 | 0.07 | 32 | mid orange | dry clay | | | | | | | | | | |
| SLS 167 | 0.002 | 38.7 | 0.66 | 22.6 | 1.61 | 15.5 | 2.04 | 0.06 | 22 | dark orange | dry clay | | | | | | | | | | |
| SLS 168 | 0.002 | 24.3 | 0.73 | 17.3 | 1.22 | 15.1 | 1.02 | 0.05 | 21 | mid brown | dry clay | | | | | | | | | | |
| SLS 169 | 0.002 | 14.9 | 0.72 | 27.1 | 1.07 | 16.7 | 1.13 | 0.07 | 45 | mid orange | dry clay | | | | | | | | | | |
| SLS 170 | 0.002 | 9 | 0.58 | 23.4 | 0.98 | 19.1 | 0.94 | 0.06 | 40 | mid brown | dry soil | | | | | | | | | | |
| SLS 171 | 0.002 | 9.6 | 0.54 | 47.6 | 0.88 | 23.2 | 0.98 | 0.06 | 75 | light orange | dry clay | | | | | | | | | | |
| SLS 172 | 0.002 | 10.5 | 0.59 | 23.7 | 0.68 | 16.3 | 0.88 | 0.08 | 35 | dark brown | end of line 7;damp clay | | | | | | | | | | |
| SLS 173 | 0.002 | 11.2 | 0.49 | 22.3 | 0.98 | 16.6 | 0.39 | 0.04 | 38 | mid brown | line 3;dry clay | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLS 174 | 0.002 | 9.1 | 0.41 | 25.8 | 0.87 | 15.5 | 0.32 | 0.04 | 37 | mid brown | pines; dry clay | | | | | | | | | | |
| SLS 175 | 0.002 | 12.8 | 0.4 | 21.5 | 0.7 | 16.7 | 0.36 | 0.05 | 37 | mid brown | dry clay; talus slope | | | | | | | | | | |
| SLS 176 | 0.002 | 9 | 0.44 | 9.8 | 0.54 | 15.7 | 0.34 | 0.05 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 177 | 0.002 | 8.7 | 0.41 | 21.1 | 1.03 | 17.3 | 0.32 | 0.04 | 29 | mid brown | dry clay | | | | | | | | | | |
| SLS 178 | 0.002 | 10 | 0.43 | 16.4 | 0.79 | 16.7 | 0.26 | 0.04 | 26 | dark brown | damp clay | | | | | | | | | | |
| SLS 179 | 0.014 | 11 | 0.5 | 20 | 1 | 17.4 | 0.28 | 0.04 | 31 | dark orange | dry clay | | | | | | | | | | |
| SLS 180 | 0.002 | 7.6 | 0.39 | 14.7 | 1.2 | 11.2 | 0.3 | 0.04 | 13 | light brown | dry clay | | | | | | | | | | |
| SLS 181 | 0.002 | 10.5 | 0.51 | 20.5 | 1.05 | 15.8 | 0.24 | 0.04 | 35 | dark orange | dry clay | | | | | | | | | | |
| SLS 182 | 0.002 | 9.6 | 0.46 | 11.9 | 1 | 13 | 0.27 | 0.03 | 17 | dark brown | damp clay | | | | | | | | | | |
| SLS 183 | 0.002 | 13.2 | 0.53 | 16.7 | 1.24 | 14.1 | 0.32 | 0.04 | 17 | mid brown | damp clay | | | | | | | | | | |
| SLS 184 | 0.002 | 14.3 | 0.56 | 23 | 1.17 | 16.2 | 0.28 | 0.04 | 33 | dark orange | dry clay | | | | | | | | | | |
| SLS 185 | 0.002 | 12.3 | 0.49 | 15.1 | 1.06 | 12.6 | 0.28 | 0.03 | 24 | mid brown | dry clay | | | | | | | | | | |
| SLS 186 | 0.002 | 11.6 | 0.46 | 18.1 | 1 | 13.5 | 0.39 | 0.03 | 22 | dark orange | damp clay | | | | | | | | | | |
| SLS 187 | 0.002 | 6.3 | 0.39 | 7.1 | 0.91 | 10.1 | 0.22 | 0.03 | 12 | light brown | dry clay | | | | | | | | | | |
| SLS 188 | 0.002 | 5.8 | 0.39 | 10.5 | 0.71 | 12.9 | 0.3 | 0.03 | 19 | light brown | dry clay | | | | | | | | | | |
| SLS 189 | 0.002 | 5.8 | 0.35 | 13.6 | 1.15 | 9.9 | 0.32 | 0.02 | 13 | light brown | dry clay | | | | | | | | | | |
| SLS 190 | 0.002 | 6.7 | 0.45 | 15.3 | 0.97 | 14.3 | 0.35 | 0.03 | 25 | mid brown | damp clay | | | | | | | | | | |
| SLS 191 | 0.002 | 8.9 | 0.43 | 11.9 | 0.8 | 12.6 | 0.4 | 0.04 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 192 | 0.002 | 6.9 | 0.45 | 23.4 | 1.63 | 14 | 0.46 | 0.03 | 20 | mid brown | dry clay | | | | | | | | | | |
| SLS 193 | 0.005 | 6.8 | 0.7 | 22 | 1.06 | 13.7 | 0.21 | 0.06 | 40 | dark brown | damp clay;mica rich | | 1 | | 1 | | | | | | |
| SLS 194 | 0.002 | 9.8 | 0.39 | 19.4 | 1.17 | 13.5 | 0.32 | 0.03 | 35 | dark brown | damp clay; mica rich | | 1 | | | | | | | | |
| SLS 195 | 0.002 | 11.2 | 0.39 | 18 | 1.04 | 13.6 | 0.36 | 0.03 | 29 | dark brown | quartz present;damp clay; mica rich | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 196 | 0.002 | 14.4 | 0.39 | 8.5 | 0.81 | 10.3 | 0.53 | 0.03 | 11 | mid brown | dry clay | | | | | | | | | | |
| SLS 197 | 0.002 | 18.9 | 0.46 | 17.5 | 0.75 | 13.7 | 0.71 | 0.04 | 29 | mid brown | damp clay | | | | | | | | | | |
| SLS 198 | 0.002 | 30.7 | 0.49 | 23.5 | 0.8 | 17.3 | 0.71 | 0.05 | 30 | dark brown | quartz present;rich damp clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 199 | 0.002 | 24.2 | 0.46 | 17.7 | 0.91 | 13 | 0.82 | 0.04 | 15 | dark brown | quartz present; rich damp clay;scrub | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 200 | 0.002 | 46.4 | 0.74 | 23.7 | 1.01 | 15.4 | 0.67 | 0.05 | 32 | dark brown | rich damp clay | | | | | | | | | | |
| SLS 201 | 0.002 | 27.5 | 0.6 | 15.2 | 0.96 | 11.6 | 0.61 | 0.05 | 12 | dark brown | damp soil; pines | | | | | | | | | | |
| SLS 202 | 0.002 | 118 | 1.23 | 29.6 | 1.8 | 16.8 | 0.89 | 0.08 | 23 | dark brown | dry soil | | | | | | | | | | |
| SLS 203 | 0.005 | 119 | 0.89 | 19.4 | 1.25 | 13.9 | 1.15 | 0.06 | 23 | mid brown | quartz present;dry clay;gully | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 204 | 0.005 | 124 | 1.08 | 24.8 | 1.24 | 16.8 | 0.88 | 0.06 | 30 | mid brown | quartz present;srub;dry clay | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 205 | 0.002 | 100 | 0.59 | 25.2 | 1 | 17.1 | 0.55 | 0.03 | 48 | mid brown | damp clay;gully | | | | | | | | | | |
| SLS 206 | 0.006 | 202 | 0.78 | 13.3 | 0.91 | 19.7 | 0.55 | 0.04 | 21 | dark brown | quartz present;dry clay | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 207 | 0.002 | 107 | 0.7 | 13.5 | 1.29 | 15.4 | 0.68 | 0.06 | 22 | mid brown | dry clay; pines | | | | | | | | | | |
| SLS 208 | 0.002 | 47.5 | 0.19 | 19.7 | 1.83 | 12.8 | 0.47 | 0.03 | 19 | dark orange | dry clay | | | | | | | | | | |
| SLS 209 | 0.002 | 27 | 0.18 | 16.7 | 1 | 13.7 | 0.28 | 0.02 | 23 | dark brown | damp clay | | | | | | | | | | |
| SLS 210 | 0.002 | 45.8 | 0.64 | 18.9 | 1.09 | 12.6 | 0.75 | 0.05 | 19 | mid brown | dry clay | | | | | | | | | | |
| SLS 211 | 0.002 | 69 | 0.77 | 24.3 | 1.6 | 13.4 | 0.7 | 0.08 | 18 | mid brown | dry clay | | | | | | | | | | |
| SLS 212 | 0.002 | 19.5 | 0.47 | 15.9 | 1.38 | 11.6 | 0.51 | 0.05 | 17 | mid brown | dry clay | | | | | | | | | | |
| SLS 213 | 0.002 | 22.2 | 0.62 | 26.9 | 1.7 | 19.3 | 0.63 | 0.07 | 25 | dark orange | quartz present;damp clay | 1 | | | | 1 | 1 | | 1 | 1 | 1 |
| SLS 214 | 0.011 | 18.1 | 0.58 | 27.8 | 1.98 | 10.9 | 0.69 | 0.05 | 15 | dark brown | damp clay | | | | | | | | | | |
| SLS 215 | 0.006 | 14.9 | 0.42 | 17 | 1.42 | 9.8 | 0.49 | 0.03 | 13 | mid brown | dry clay | | | | | | | | | | |
| SLS 216 | 0.002 | 50.6 | 0.79 | 21.9 | 1.85 | 14.6 | 0.86 | 0.04 | 20 | dark brown | damp clay | | | | | | | | | | |
| SLS 217 | 0.007 | 43.1 | 0.88 | 33.2 | 2.13 | 14.4 | 0.97 | 0.06 | 23 | mid brown | quartz present; damp clay | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 218 | 0.002 | 52.2 | 0.68 | 35.9 | 1.79 | 16.5 | 0.83 | 0.03 | 29 | dark brown | quartz present; dry soil;scrub; gully | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 219 | 0.002 | 46.1 | 0.84 | 52 | 2.29 | 13.1 | 0.83 | 0.06 | 29 | dark brown | quartz present; dry clays | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 220 | 0.002 | 42.9 | 0.45 | 51.2 | 4.61 | 14.5 | 0.96 | 0.04 | 39 | dark brown | quartz present; damp clay;scrub | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 221 | 0.002 | 37.1 | 0.31 | 34.2 | 3.64 | 12.3 | 1.07 | 0.04 | 23 | mid brown | quartz present;damp clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 222 | 0.002 | 22.9 | 0.39 | 19.9 | 1.41 | 10.5 | 0.53 | 0.03 | 11 | dark brown | quartz present; dry soil | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 223 | 0.002 | 25.3 | 0.44 | 37 | 2.14 | 12.7 | 1.2 | 0.06 | 11 | mid brown | quartz present;dry clay;edge of pines | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 224 | 0.002 | 12 | 0.6 | 60.3 | 0.89 | 25 | 0.34 | 0.05 | 56 | light brown | Line 5; dry clay | | | | | | | | | | |
| SLS 225 | 0.002 | 9.7 | 0.48 | 19.5 | 0.67 | 16.4 | 0.31 | 0.03 | 24 | mid brown | dry clay | | | | | | | | | | |
| SLS 226 | 0.002 | 8.2 | 0.45 | 21 | 0.7 | 14 | 0.28 | 0.03 | 22 | mid brown | dry clay | | | | | | | | | | |
| SLS 227 | 0.002 | 11.3 | 0.48 | 15.4 | 0.7 | 19.2 | 0.2 | 0.03 | 27 | dark brown | quartz fragments; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 228 | 0.002 | 25.1 | 0.47 | 21 | 0.68 | 11.5 | 0.56 | 0.03 | 12 | dark brown | dry soil | | | | | | | | | | |
| SLS 229 | 0.002 | 13.5 | 0.53 | 26.7 | 1.06 | 16.9 | 0.37 | 0.04 | 21 | pale brown | dry gravel | | | | | | | | | | |
| SLS 230 | 0.002 | 21.5 | 0.49 | 17.5 | 0.59 | 17.9 | 0.33 | 0.06 | 23 | pale brown | dry gravel | | | | | | | | | | |
| SLS 231 | 0.002 | 16.3 | 0.51 | 17.4 | 0.83 | 16.9 | 0.25 | 0.03 | 26 | mid brown | dry clay | | | | | | | | | | |
| SLS 232 | 0.002 | 22.3 | 0.8 | 24.2 | 1.05 | 20.7 | 0.4 | 0.06 | 20 | mid brown | dry clay | | | | | | | | | | |
| SLS 233 | 0.002 | 62.2 | 0.73 | 57.1 | 1.42 | 28 | 0.46 | 0.06 | 51 | dark orange | dry clay | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLS 234 | 0.002 | 58.6 | 0.51 | 22.2 | 0.78 | 14.9 | 0.39 | 0.03 | 23 | mid brown | quartz fragments; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 235 | 0.002 | 13.1 | 0.5 | 19.4 | 0.8 | 15.6 | 0.39 | 0.03 | 29 | mid brown | dry clay | | | | | | | | |
| SLS 236 | 0.002 | 9 | 0.49 | 16 | 0.71 | 13.6 | 0.22 | 0.03 | 21 | mid brown | dry clay | | | | | | | | |
| SLS 237 | 0.002 | 8 | 0.45 | 20.9 | 0.77 | 14.4 | 0.18 | 0.03 | 26 | mid brown | dry clay | | | | | | | | |
| SLS 238 | 0.002 | 6.8 | 0.39 | 12.3 | 0.55 | 12.2 | 0.23 | 0.04 | 15 | mid brown | quartz fragments; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 239 | 0.002 | 7.1 | 0.45 | 22.7 | 0.66 | 16.1 | 0.34 | 0.03 | 28 | mid brown | dry clay | | | | | | | | |
| SLS 240 | 0.002 | 3.7 | 0.36 | 11.7 | 0.38 | 11.2 | 0.21 | 0.03 | 9 | mid brown | quartz fragments; dry clay; mica | 1 | 1 | 1 | 1 | | 1 | 1 | 1 |
| SLS 241 | 0.002 | 6.2 | 0.52 | 18.2 | 0.7 | 16.3 | 0.28 | 0.03 | 21 | mid brown | dry clay | | | | | | | | |
| SLS 242 | 0.002 | 11.6 | 0.36 | 17.9 | 0.56 | 14.3 | 0.42 | 0.03 | 18 | dark brown | damp soil | | | | | | | | |
| SLS 243 | 0.002 | 17.2 | 0.37 | 19.2 | 0.73 | 12.5 | 0.21 | 0.01 | 21 | mid brown | dry clay; below Adit | | | | | | | | |
| SLS 244 | 0.002 | 13.1 | 0.48 | 15.4 | 0.68 | 15.6 | 0.35 | 0.03 | 14 | dark brown | dry clay | | | | | | | | |
| SLS 245 | 0.002 | 14.4 | 0.39 | 11.3 | 0.3 | 10.5 | 0.45 | 0.03 | 8 | dark brown | quartz fragments; damp clay | 1 | | 1 | 1 | | 1 | 1 | |
| SLS 246 | 0.002 | 12.5 | 0.5 | 25.5 | 0.76 | 18.3 | 0.47 | 0.03 | 34 | mid brown | dry clay | | | | | | | | |
| SLS 247 | 0.002 | 19.1 | 0.68 | 41.3 | 1.15 | 23.3 | 0.64 | 0.04 | 49 | mid brown | dry clay | | | | | | | | |
| SLS 248 | 0.002 | 17.2 | 0.39 | 27.7 | 0.68 | 16.3 | 0.78 | 0.03 | 34 | mid brown | dry clay | | | | | | | | |
| SLS 249 | 0.002 | 40.4 | 0.41 | 29.2 | 0.84 | 21.9 | 0.7 | 0.03 | 30 | dark brown | quartz fragments; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 250 | 0.002 | 17.5 | 0.55 | 15.6 | 0.56 | 12 | 0.63 | 0.04 | 14 | dark brown | dry clay | | | | | | | | |
| SLS 251 | 0.002 | 15 | 0.56 | 17.5 | 0.62 | 14.2 | 0.55 | 0.05 | 20 | dark brown | damp clay | | | | | | | | |
| SLS 252 | 0.002 | 13.5 | 0.55 | 15.2 | 0.68 | 15 | 0.5 | 0.04 | 18 | dark brown | quartz fragments; damp clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 253 | 0.002 | 12.2 | 0.73 | 18.6 | 0.77 | 15.1 | 0.47 | 0.04 | 19 | mid brown | dry clay | | | | | | | | |
| SLS 254 | 0.002 | 11.5 | 0.59 | 17.5 | 0.64 | 12.7 | 0.49 | 0.04 | 20 | mid brown | damp clay | | | | | | | | |
| SLS 255 | 0.002 | 19 | 0.73 | 41.8 | 0.65 | 16.9 | 0.72 | 0.08 | 51 | dark orange | dry clay | | | | | | | | |
| SLS 256 | 0.002 | 21 | 0.67 | 21 | 0.79 | 13.8 | 0.56 | 0.07 | 21 | dark brown | dry clay | | | | | | | | |
| SLS 257 | 0.002 | 29.3 | 0.38 | 21.4 | 0.88 | 17 | 0.44 | 0.03 | 36 | mid brown | dry clay; mica | | 1 | | | | | | |
| SLS 258 | 0.002 | 24.3 | 0.61 | 18.6 | 0.88 | 13.1 | 0.75 | 0.05 | 16 | mid brown | dry clay | | | | | | | | |
| SLS 259 | 0.002 | 30.2 | 0.77 | 19.4 | 0.99 | 14.4 | 0.67 | 0.05 | 23 | dark brown | dry clay | | | | | | | | |
| SLS 260 | 0.002 | 34.3 | 0.65 | 15.6 | 1.26 | 13.8 | 0.83 | 0.07 | 11 | dark brown | quartz fragments; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 261 | 0.002 | 30.4 | 0.64 | 12.2 | 0.82 | 11.1 | 0.68 | 0.06 | 14 | mid brown | quartz fragments; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 262 | 0.002 | 40.3 | 0.74 | 25.5 | 0.7 | 10.8 | 0.9 | 0.09 | 18 | mid brown | dry clay | | | | | | | | |
| SLS 263 | 0.002 | 108.5 | 0.75 | 21.9 | 0.95 | 19.4 | 0.56 | 0.07 | 19 | mid brown | damp clay | | | | | | | | |
| SLS 264 | 0.002 | 42.9 | 0.45 | 11 | 0.66 | 8.4 | 0.27 | 0.04 | 5 | dark brown | dry clay | | | | | | | | |
| SLS 265 | 0.002 | 14.6 | 0.52 | 16.9 | 0.73 | 12.9 | 0.47 | 0.06 | 20 | mid brown | dry clay | | | | | | | | |
| SLS 266 | 0.002 | 19 | 0.41 | 10.1 | 0.74 | 10.2 | 0.32 | 0.02 | 10 | dark brown | damp clay | | | | | | | | |
| SLS 267 | 0.002 | 7.6 | 0.46 | 8.4 | 0.76 | 9.3 | 0.28 | 0.03 | 11 | mid brown | damp clay | | | | | | | | |
| SLS 268 | 0.002 | 7.8 | 0.54 | 14.8 | 0.83 | 11.6 | 0.39 | 0.06 | 23 | mid brown | dry clay | | | | | | | | |
| SLS 269 | 0.002 | 7.7 | 0.49 | 12 | 0.79 | 10.8 | 0.33 | 0.03 | 13 | dark brown | damp clay | | | | | | | | |
| SLS 270 | 0.002 | 18.8 | 0.47 | 20.2 | 1.05 | 11.1 | 0.67 | 0.05 | 14 | mid brown | dry clay | | | | | | | | |
| SLS 271 | 0.002 | 6.2 | 0.33 | 11.1 | 0.72 | 5.8 | 0.29 | 0.03 | 5 | mid grey | dry sand | | | | | | | | |
| SLS 272 | 0.002 | 10.2 | 0.51 | 16 | 1.03 | 13.1 | 0.52 | 0.04 | 24 | mid brown | damp clay | | | | | | | | |
| SLS 273 | 0.002 | 8.3 | 0.33 | 7.6 | 0.4 | 5.3 | 0.61 | 0.05 | 7 | dark brown | quartz fragments; dry soil | 1 | | 1 | 1 | | 1 | 1 | 1 |
| SLS 274 | 0.002 | 9 | 0.43 | 13.6 | 0.72 | 9.9 | 0.69 | 0.04 | 15 | mid brown | dry clay | | | | | | | | |
| SLS 275 | 0.002 | 8.1 | 0.35 | 14.3 | 0.63 | 8.2 | 0.64 | 0.03 | 9 | dark brown | dry clay | | | | | | | | |
| SLS 276 | 0.002 | 14.4 | 0.41 | 19.1 | 0.66 | 18.9 | 0.5 | 0.04 | 31 | mid brown | Line 4; dry clay; rocky slope | | | | | | | | |
| SLS 277 | 0.002 | 16.1 | 0.5 | 25.8 | 0.72 | 21.8 | 0.42 | 0.05 | 36 | mid brown | dry clay | | | | | | | | |
| SLS 278 | 0.002 | 3.4 | 0.39 | 10.6 | 0.38 | 9.9 | 0.21 | 0.04 | 12 | mid brown | dry clay | | | | | | | | |
| SLS 279 | 0.002 | 6.2 | 0.4 | 12 | 0.47 | 12.8 | 0.31 | 0.04 | 17 | mid brown | dry clay | | | | | | | | |
| SLS 280 | 0.002 | 10.8 | 0.47 | 16.7 | 0.97 | 16.7 | 0.25 | 0.04 | 23 | mid brown | dry clay | | | | | | | | |
| SLS 281 | 0.002 | 12.3 | 0.52 | 19.8 | 1.03 | 15.3 | 0.27 | 0.04 | 20 | dark brown | damp clay | | | | | | | | |
| SLS 282 | 0.002 | 8 | 0.41 | 14.1 | 0.8 | 12.9 | 0.23 | 0.03 | 21 | mid brown | dry clay | | | | | | | | |
| SLS 283 | 0.002 | 13.9 | 0.49 | 19.9 | 0.84 | 15.5 | 0.25 | 0.04 | 28 | mid brown | dry clay; pines | | | | | | | | |
| SLS 284 | 0.002 | 11.3 | 0.45 | 14.1 | 0.82 | 13.1 | 0.26 | 0.04 | 17 | mid brown | dry clay | | | | | | | | |
| SLS 285 | 0.002 | 11.6 | 0.55 | 15.3 | 0.97 | 13.4 | 0.26 | 0.04 | 24 | dark orange | dry clay | | | | | | | | |
| SLS 286 | 0.002 | 9.9 | 0.42 | 10.1 | 0.9 | 10.6 | 0.24 | 0.03 | 17 | mid brown | dry clay | | | | | | | | |
| SLS 287 | 0.002 | 13.4 | 0.45 | 12.1 | 0.77 | 12.8 | 0.33 | 0.03 | 13 | mid brown | dry clay | | | | | | | | |
| SLS 288 | 0.002 | 9.2 | 0.39 | 6.7 | 0.65 | 9.3 | 0.33 | 0.03 | 12 | mid brown | dry clay | | | | | | | | |
| SLS 289 | 0.002 | 7.3 | 0.41 | 10.1 | 0.7 | 12.7 | 0.26 | 0.04 | 17 | mid brown | dry clay | | | | | | | | |
| SLS 290 | 0.002 | 6.5 | 0.41 | 9.7 | 0.77 | 11.2 | 0.3 | 0.03 | 12 | mid brown | dry clay | | | | | | | | |
| SLS 291 | 0.002 | 7.3 | 0.42 | 14 | 0.9 | 14.2 | 0.38 | 0.04 | 23 | dark orange | dry clay | | | | | | | | |
| SLS 292 | 0.002 | 6.6 | 0.4 | 18.8 | 0.81 | 15.4 | 0.33 | 0.03 | 24 | dark brown | dry clay | | | | | | | | |
| SLS 293 | 0.002 | 6.8 | 0.42 | 18 | 0.86 | 13.7 | 0.37 | 0.03 | 20 | mid brown | dry clay | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SLS 294 | 0.002 | 6.9 | 0.38 | 13.4 | 0.76 | 12 | 0.44 | 0.03 | 16 | dark brown | dry clay | | | | | | | | | | |
| SLS 295 | 0.002 | 7.2 | 0.32 | 10.8 | 0.74 | 12 | 0.35 | 0.02 | 13 | light brown | dry clay | | | | | | | | | | |
| SLS 296 | 0.006 | 13.2 | 0.56 | 13.5 | 0.92 | 10.1 | 0.32 | 0.05 | 15 | dark brown | damp clay | | | | | | | | | | |
| SLS 297 | 0.002 | 14.1 | 0.4 | 20.3 | 1.11 | 14.2 | 0.49 | 0.03 | 28 | mid brown | dry clay | | | | | | | | | | |
| SLS 298 | 0.002 | 11.3 | 0.36 | 19.9 | 0.88 | 14.2 | 0.48 | 0.04 | 30 | dark brown | dry clay | | | | | | | | | | |
| SLS 299 | 0.002 | 12.7 | 0.47 | 20.8 | 0.98 | 14.4 | 0.46 | 0.04 | 37 | mid brown | dry clay | | | | | | | | | | |
| SLS 300 | 0.002 | 22.7 | 0.66 | 23.3 | 0.87 | 13.6 | 0.81 | 0.05 | 25 | mid brown | dry clay; road edge | | | | | | | | | | |
| SLS 301 | 0.002 | 41.7 | 0.6 | 24.5 | 1.29 | 15.8 | 0.93 | 0.04 | 31 | mid brown | damp clay | | | | | | | | | | |
| SLS 302 | 0.002 | 24.4 | 0.63 | 38.9 | 1.03 | 18.7 | 1.01 | 0.05 | 46 | dark orange | damp clay | | | | | | | | | | |
| SLS 303 | 0.002 | 17.8 | 0.56 | 27 | 1.02 | 18 | 0.83 | 0.06 | 40 | dark orange | damp clay | | | | | | | | | | |
| SLS 304 | 0.002 | 15.9 | 0.46 | 14 | 0.76 | 13.7 | 0.71 | 0.07 | 16 | dark orange | quartz present;dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 305 | 0.01 | 44.2 | 0.87 | 24.7 | 0.97 | 17.5 | 0.97 | 0.07 | 28 | mid brown | dry clay | | | | | | | | | | |
| SLS 306 | 0.015 | 187.5 | 1.99 | 22.3 | 1.41 | 17.5 | 1.15 | 0.14 | 26 | dark orange | dry clay;edge of road | | | | | | | | | | |
| SLS 307 | 0.019 | 469 | 0.79 | 20.5 | 1.4 | 24.6 | 1.1 | 0.07 | 29 | dark brown | dry clay; mica | | 1 | | 1 | | | | | | |
| SLS 308 | 0.006 | 55.7 | 0.32 | 17 | 1.13 | 12.5 | 0.42 | 0.02 | 32 | mid brown | dry clay; mica | | 1 | | 1 | | | | | | |
| SLS 309 | 0.007 | 63 | 0.95 | 18.5 | 1.47 | 14.1 | 0.54 | 0.05 | 34 | dark brown | dry sandy soil; mica | | 1 | | 1 | | | | | | |
| SLS 310 | 0.018 | 31.7 | 0.62 | 17.5 | 1.5 | 12.4 | 0.6 | 0.04 | 42 | dark orange | dry clay; mica; road edge | | 1 | | 1 | | | | | | |
| SLS 311 | 0.002 | 27.1 | 0.53 | 16.2 | 1.22 | 13.4 | 0.54 | 0.05 | 22 | mid brown | damp clay; mica | | 1 | | | | | | | | |
| SLS 312 | 0.002 | 50.7 | 0.66 | 20.6 | 1.26 | 11.9 | 0.81 | 0.06 | 15 | dark brown | quartz present; damp clay; mica | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 313 | 0.002 | 115 | 0.81 | 15.3 | 1.11 | 14.1 | 0.96 | 0.1 | 14 | mid brown | damp clay | | | | | | | | | | |
| SLS 314 | 0.002 | 227 | 0.58 | 10 | 0.71 | 9.3 | 0.8 | 0.07 | 8 | dark brown | damp sandy soil | | | | | | | | | | |
| SLS 315 | 0.002 | 53.7 | 0.44 | 11.7 | 0.88 | 13 | 0.78 | 0.06 | 15 | mid brown | damp clay | | | | | | | | | | |
| SLS 316 | 0.002 | 17.3 | 0.41 | 11 | 1.03 | 10 | 0.47 | 0.05 | 14 | mid brown | damp clay | | | | | | | | | | |
| SLS 317 | 0.002 | 14.2 | 0.43 | 12.3 | 1.15 | 9.9 | 0.54 | 0.04 | 15 | mid brown | damp clay | | | | | | | | | | |
| SLS 318 | 0.002 | 16.7 | 0.5 | 18.8 | 1.46 | 11 | 0.69 | 0.06 | 19 | mid brown | damp clay | | | | | | | | | | |
| SLS 319 | 0.002 | 23.8 | 0.58 | 18.8 | 1.32 | 10.5 | 0.54 | 0.03 | 16 | dark brown | rich damp clay | | | | | | | | | | |
| SLS 320 | 0.002 | 34.3 | 0.73 | 24.2 | 1.57 | 12.3 | 0.8 | 0.06 | 20 | dark brown | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 321 | 0.005 | 58.3 | 0.91 | 33.7 | 1.73 | 14.5 | 0.9 | 0.05 | 24 | dark brown | dry clay | | | | | | | | | | |
| SLS 322 | 0.009 | 120 | 0.75 | 36.3 | 1.26 | 19 | 1.41 | 0.03 | 28 | mid brown | dry clay | | | | | | | | | | |
| SLS 323 | 0.009 | 71.9 | 0.62 | 27.9 | 1.87 | 15.2 | 1.11 | 0.05 | 22 | dark brown | quartz present; damp clay | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 324 | 0.002 | 13.7 | 0.34 | 42.1 | 5.17 | 12.1 | 0.79 | 0.04 | 31 | mid brown | damp clay | | | | | | | | | | |
| SLS 325 | 0.002 | 15 | 0.52 | 21.2 | 1.81 | 11.6 | 0.77 | 0.05 | 16 | mid brown | quartz present; dry clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| SLS 326 | 0.002 | 10 | 0.34 | 9 | 0.64 | 6.5 | 0.9 | 0.04 | 6 | dark brown | abundant quartz; dry soil; end Line 4 | 1 | | | | 1 | 1 | 1 | 1 | 1 | |
| | | | | | | | | | | | | 60 | 12 | 9 | 5 | 60 | 55 | 53 | 57 | 53 | 58 |

NB all <0.005 Au repl with 0.002
and all <0.01 Te repl with 0.005

# Appendix C

## North Lisle East Project – Soil Sample Results

NORTH LISLE EAST PROJECT - SOIL SAMPLE RESULTS

Appendix 3

Sampling done March-April 2013; all values in ppm

Coloured cells represent element (anomalous) sub populations, in ascending order green-brown-yellow-orange

| | | | | | | | | | | | | | Minerals | | | | Gold - Mineral Pairs | | | | | Quartz - Element Pairs | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Au | As | Bi | Cu | Mo | Pb | Sb | Te | Zn | Colour | Description | Qtz | Mica | Fe Ox | HAP | Qtz-Au | Mica-Au | FeOx-Au | HAP-Au | Qtz - As | Qtz-Bi | Qtz - Mo | Qtz - Sb | Qtz - Te | Qtz - Zn |
| NLS 001 | 0.002 | 5.9 | 0.31 | 12.1 | 2.64 | 12.8 | 0.22 | 0.04 | 15 | dark brown | quartz; damp sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 002 | 0.002 | 5.3 | 0.26 | 8 | 2.07 | 10.5 | 0.22 | 0.05 | 18 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 003 | 0.002 | 4.8 | 0.21 | 5.4 | 2.69 | 6.6 | 0.15 | 0.02 | 7 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 004 | 0.002 | 3.4 | 0.2 | 7.1 | 2.21 | 6.1 | 0.15 | 0.02 | 5 | dark brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 005 | 0.002 | 4.3 | 0.29 | 6.8 | 2.29 | 7.7 | 0.19 | 0.04 | 8 | mid brown | damp clay | | | | | | | | | | | | | | |
| NLS 006 | 0.002 | 9.1 | 0.47 | 16.6 | 3.96 | 11.4 | 0.29 | 0.06 | 9 | dark red | damp clay | | | | | | | | | | | | | | |
| NLS 007 | 0.002 | 6.8 | 0.27 | 7.2 | 2.91 | 7.5 | 0.2 | 0.03 | 9 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 008 | 0.002 | 3.7 | 0.24 | 8.6 | 2.26 | 8.5 | 0.16 | 0.03 | 15 | light brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 009 | 0.002 | 6.1 | 0.39 | 9.5 | 2.66 | 8.4 | 0.22 | 0.03 | 11 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 010 | 0.002 | 5.8 | 0.4 | 11.2 | 1.86 | 9.7 | 0.23 | 0.05 | 11 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 011 | 0.002 | 4.8 | 0.35 | 10 | 2 | 7.9 | 0.19 | 0.04 | 8 | mid brown | quartz; damp clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | |
| NLS 012 | 0.007 | 7 | 0.37 | 9.9 | 3.08 | 8 | 0.45 | 0.05 | 8 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 013 | 0.006 | 5.7 | 0.31 | 11.1 | 2.61 | 9.5 | 0.24 | 0.06 | 10 | mid brown | damp clay | | | | | | | | | | | | | | |
| NLS 014 | 0.002 | 5.9 | 0.39 | 9.1 | 2.21 | 9.9 | 0.21 | 0.04 | 11 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 015 | 0.002 | 6.1 | 0.33 | 9.7 | 2.63 | 7.4 | 0.2 | 0.04 | 11 | dark brown | damp clay | | | | | | | | | | | | | | |
| NLS 016 | 0.002 | 5.9 | 0.37 | 10.3 | 2.61 | 9.8 | 0.19 | 0.05 | 10 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 017 | 0.002 | 6.2 | 0.33 | 8.9 | 3.94 | 11.5 | 0.17 | 0.03 | 16 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 018 | 0.002 | 5.1 | 0.26 | 10 | 1.62 | 10.1 | 0.2 | 0.03 | 17 | mid brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 019 | 0.002 | 6.3 | 0.38 | 10.2 | 2.19 | 10 | 0.18 | 0.04 | 12 | orange | dry clay | | | | | | | | | | | | | | |
| NLS 020 | 0.002 | 5.6 | 0.32 | 8.9 | 1.25 | 9.9 | 0.18 | 0.03 | 14 | mid brown | quartz; dry clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 021 | 0.002 | 5.8 | 0.36 | 14.3 | 1.23 | 13.6 | 0.2 | 0.04 | 22 | mid orange | quartz; dry clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 022 | 0.023 | 7.1 | 0.36 | 18.4 | 1.45 | 13.6 | 0.23 | 0.06 | 26 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 023 | 0.002 | 4.9 | 0.31 | 10 | 1.27 | 9.9 | 0.17 | 0.04 | 14 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 024 | 0.002 | 2.2 | 0.23 | 6.4 | 0.99 | 9.5 | 0.13 | 0.02 | 12 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 025 | 0.007 | 4.5 | 0.3 | 11.7 | 1.87 | 11.3 | 0.2 | 0.04 | 15 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 026 | 0.002 | 4.2 | 0.31 | 8.7 | 1.24 | 10.3 | 0.17 | 0.03 | 15 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 027 | 0.005 | 3.8 | 0.34 | 10.2 | 0.83 | 9.5 | 0.18 | 0.04 | 10 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 028 | 0.002 | 2.9 | 0.29 | 7.7 | 0.68 | 9.2 | 0.17 | 0.04 | 7 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 029 | 0.002 | 1.7 | 0.19 | 5.4 | 0.72 | 6.4 | 0.08 | 0.02 | 5 | mid brown | quartz; damp sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | | |
| NLS 030 | 0.002 | 2 | 0.2 | 6.4 | 0.63 | 8 | 0.11 | 0.02 | 7 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 031 | 0.002 | 2.1 | 0.22 | 10.1 | 0.79 | 8.8 | 0.12 | 0.02 | 9 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 032 | 0.002 | 2.8 | 0.28 | 7.7 | 0.89 | 7.6 | 0.11 | 0.04 | 9 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 033 | 0.015 | 2.8 | 0.26 | 7.1 | 0.84 | 8.1 | 0.12 | 0.04 | 8 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 034 | 0.009 | 1.9 | 0.2 | 6 | 0.68 | 7 | 0.11 | 0.02 | 6 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 035 | 0.002 | 2.2 | 0.24 | 6.6 | 0.85 | 6.8 | 0.11 | 0.03 | 6 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 036 | 0.002 | 3.4 | 0.28 | 9.8 | 0.72 | 9 | 0.12 | 0.03 | 12 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 037 | 0.015 | 6.7 | 0.54 | 16.8 | 3.23 | 12.9 | 0.25 | 0.07 | 11 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 038 | 0.008 | 4.7 | 0.47 | 13.9 | 0.97 | 10.9 | 0.19 | 0.05 | 10 | mid red | quartz; mica; damp clay | 1 | 1 | | | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | |
| NLS 039 | 0.007 | 5.7 | 0.32 | 16.1 | 6.32 | 12.5 | 0.24 | 0.05 | 11 | mid orange | mica; damp clay | | 1 | | | | 1 | | | | | | | | |
| NLS 040 | 0.009 | 3.5 | 0.22 | 14.4 | 1.82 | 10.7 | 0.17 | 0.02 | 12 | light brown | mica; damp clay | | 1 | | | | 1 | | | | | | | | |
| NLS 041 | 0.007 | 3.2 | 0.26 | 8.2 | 1.13 | 8.5 | 0.14 | 0.01 | 12 | dark orange | quartz; damp clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 042 | 0.007 | 6 | 0.36 | 13.5 | 1.7 | 10.2 | 0.17 | 0.05 | 15 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 043 | 0.009 | 4.4 | 0.36 | 14.7 | 0.88 | 10.1 | 0.16 | 0.05 | 13 | mid orange | mica; dry clay | | 1 | | | | 1 | | | | | | | | |
| NLS 044 | 0.002 | 3.3 | 0.29 | 8.1 | 0.92 | 8.5 | 0.12 | 0.02 | 10 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 045 | 0.002 | 1.2 | 0.16 | 5.8 | 0.63 | 6.3 | 0.06 | 0.01 | 8 | pale brown | dry solid sand | | | | | | | | | | | | | | |
| NLS 046 | 0.002 | 2.1 | 0.22 | 7.4 | 0.99 | 6.6 | 0.09 | 0.02 | 9 | mid brown | mica; dry sand/clay | | 1 | | | | | | | | | | | | |
| NLS 047 | 0.002 | 3.2 | 0.26 | 10.7 | 1.12 | 9.5 | 0.1 | 0.03 | 14 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 048 | 0.002 | 2.6 | 0.23 | 8.4 | 1.11 | 8.3 | 0.08 | 0.01 | 11 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 049 | 0.017 | 2.7 | 0.21 | 11.5 | 1.17 | 7.3 | 0.12 | 0.02 | 9 | mid brown | quartz; damp sand/clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | |
| NLS 050 | 0.002 | 3 | 0.26 | 9.6 | 0.83 | 10.3 | 0.11 | 0.02 | 13 | mid orange | mica; dry clay | | 1 | | | | | | | | | | | | |
| NLS 051 | 0.04 | 3.7 | 0.22 | 11.3 | 1.07 | 12.8 | 0.14 | 0.02 | 11 | mid brown | quartz; damp sand/clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | |
| NLS 052 | 0.002 | 9.6 | 0.44 | 20.4 | 2.32 | 14.6 | 0.32 | 0.06 | 20 | dark red | mica; damp clay | | 1 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 053 | 0.002 | 6.7 | 0.39 | 14.6 | 1.35 | 11.8 | 0.24 | 0.06 | 12 | dark red | mica; damp clay | | 1 | | | | | | | |
| NLS 054 | 0.002 | 4.8 | 0.31 | 12 | 0.76 | 11.5 | 0.21 | 0.04 | 11 | mid red | quartz; mica; dry clay | 1 | 1 | | | 1 | 1 | 1 | 1 | |
| NLS 055 | 0.006 | 6.7 | 0.34 | 14.4 | 0.78 | 12.3 | 0.25 | 0.06 | 13 | mid orange | mica;dry clay | | 1 | | 1 | | | | | |
| NLS 056 | 0.017 | 8.3 | 0.41 | 19.8 | 0.6 | 14.9 | 0.19 | 0.04 | 20 | mid orange | mica; dry clay | | 1 | | 1 | | | | | |
| NLS 057 | 0.006 | 4.7 | 0.29 | 14.1 | 0.57 | 9.9 | 0.16 | 0.03 | 11 | mid brown | mica; dry sand/clay | | 1 | | 1 | | | | | |
| NLS 058 | 0.006 | 6.1 | 0.32 | 15.6 | 0.65 | 12.1 | 0.19 | 0.04 | 14 | dark orange | quartz; mica; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 059 | 0.006 | 6.6 | 0.39 | 16.6 | 0.76 | 11.5 | 0.21 | 0.05 | 15 | mid orange | dry clay | | | | | | | | | |
| NLS 060 | 0.006 | 5.1 | 0.28 | 7.7 | 0.82 | 10.5 | 0.19 | 0.03 | 10 | mid brown | quartz; mica; dry sand/clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| NLS 061 | 0.002 | 4.9 | 0.27 | 9.7 | 1.04 | 9.7 | 0.18 | 0.03 | 11 | dark orange | damp clay | | | | | | | | | |
| NLS 062 | 0.014 | 2.5 | 0.08 | 28.7 | 0.55 | 7.9 | 0.08 | 0.01 | 50 | mid yellow | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 063 | 0.006 | 1.5 | 0.09 | 20.8 | 0.73 | 17.8 | 0.1 | 0.01 | 43 | dark yellow | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 064 | 0.006 | 4.1 | 0.16 | 19.3 | 2.08 | 15.3 | 0.33 | 0.02 | 29 | mid red | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 065 | 2.42 | 3.1 | 0.16 | 11.9 | 0.81 | 10.7 | 0.13 | 0.02 | 21 | light brown | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 066 | 0.006 | 3.1 | 0.17 | 14.6 | 0.62 | 12.8 | 0.16 | 0.02 | 21 | mid yellow | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 067 | 0.013 | 4.6 | 0.22 | 18.7 | 0.85 | 11.6 | 0.27 | 0.03 | 25 | dark yellow | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 068 | 0.014 | 3.5 | 0.07 | 13.8 | 0.6 | 10.4 | 0.1 | 0.02 | 19 | pale orange | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 069 | 0.01 | 4.3 | 0.1 | 13.7 | 0.62 | 11.2 | 0.16 | 0.02 | 26 | light orange | abundant mica; damp sand | | 1 | | 1 | | | | | |
| NLS 070 | 0.002 | 5.9 | 0.29 | 17.2 | 1.34 | 14.8 | 0.23 | 0.05 | 24 | dark red | damp sand/clay | | | | | | | | | |
| NLS 071 | 0.005 | 5.9 | 0.28 | 18.4 | 1.5 | 15.8 | 0.27 | 0.05 | 25 | dark red | mica; damp sand/clay | | 1 | | | | | | | |
| NLS 072 | 0.002 | 4.2 | 0.27 | 10.7 | 1.16 | 12 | 0.2 | 0.03 | 20 | mid red | mica; damp sand | | 1 | | | | | | | |
| NLS 073 | 0.007 | 7.5 | 0.35 | 20.6 | 1.99 | 20.3 | 0.29 | 0.07 | 45 | mid red | quartz; damp clay | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 074 | 0.002 | 2.5 | 0.28 | 12.9 | 0.75 | 11.3 | 0.19 | 0.05 | 14 | mid brown | mica;dry sand/clay | | 1 | | | | | | | |
| NLS 075 | 0.002 | 2.6 | 0.29 | 10.6 | 0.94 | 10.6 | 0.2 | 0.03 | 13 | mid brown | mica; dry clay | | 1 | | | | | | | |
| NLS 076 | 0.002 | 2.8 | 0.29 | 11.4 | 0.91 | 10.9 | 0.23 | 0.03 | 13 | mid brown | mica; dry clay | | 1 | | | | | | | |
| NLS 077 | 0.002 | 3.1 | 0.28 | 11 | 0.73 | 12.2 | 0.26 | 0.03 | 12 | dark orange | damp clay | | | | | | | | | |
| NLS 078 | 0.008 | 9.1 | 0.37 | 12.1 | 1.26 | 10.9 | 0.44 | 0.03 | 13 | dark orange | dry clay | | | | | | | | | |
| NLS 079 | 0.002 | 2.6 | 0.33 | 11.3 | 0.69 | 11.1 | 0.19 | 0.03 | 16 | mid brown | dry clay | | | | | | | | | |
| NLS 080 | 0.002 | 0.8 | 0.19 | 6.3 | 0.57 | 7.7 | 0.1 | 0.02 | 10 | light brown | quartz; dry sand | 1 | | | | | 1 | 1 | 1 | | |
| NLS 081 | 0.002 | 2.8 | 0.31 | 9.4 | 0.52 | 10.7 | 0.14 | 0.04 | 14 | mid brown | quartz; dry sand | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 082 | 0.005 | 2 | 0.39 | 18.9 | 0.63 | 13.1 | 0.16 | 0.04 | 23 | mid brown | mica; dry clay | | 1 | | | | | | | |
| NLS 083 | 0.002 | 1.7 | 0.39 | 12.8 | 0.55 | 11.5 | 0.13 | 0.03 | 15 | dark orange | mica; dry clay | | 1 | | | | | | | |
| NLS 084 | 0.019 | 1.8 | 0.34 | 12.8 | 0.62 | 10.6 | 0.13 | 0.04 | 16 | pale brown | quartz;dry sand | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 085 | 0.002 | 2 | 0.24 | 6.5 | 0.46 | 7.5 | 0.15 | 0.03 | 9 | mid brown | quartz; dry sand/clay | 1 | | | | 1 | 1 | 1 | 1 | 1 | |
| NLS 086 | 0.002 | 3.7 | 0.4 | 12.6 | 0.66 | 11.3 | 0.19 | 0.04 | 15 | mid orange | dry clay | | | | | | | | | |
| NLS 087 | 0.005 | 8.3 | 0.45 | 17.4 | 0.78 | 11.7 | 0.42 | 0.03 | 17 | mid brown | dry sand/clay | | | | | | | | | |
| NLS 088 | 0.006 | 5.4 | 0.69 | 21.6 | 0.97 | 12 | 0.32 | 0.05 | 18 | mid brown | dry clay | | | | | | | | | |
| NLS 089 | 0.002 | 2.3 | 0.42 | 6.6 | 0.56 | 11.6 | 0.17 | 0.03 | 12 | dark orange | damp clay | | | | | | | | | |
| NLS 090 | 0.002 | 1.7 | 0.4 | 6.9 | 0.66 | 9.3 | 0.15 | 0.03 | 10 | pale brown | dry sand | | | | | | | | | |
| NLS 091 | 0.006 | 1 | 0.47 | 7.5 | 0.63 | 7.4 | 0.18 | 0.03 | 9 | dark brown | damp sand | | | | | | | | | |
| NLS 092 | 0.002 | 3 | 0.51 | 16.5 | 0.66 | 9.6 | 0.26 | 0.03 | 14 | dark orange | damp clay | | | | | | | | | |
| NLS 093 | 0.002 | 0.9 | 0.44 | 18.6 | 0.36 | 14.3 | 0.1 | 0.03 | 23 | mid brown | dry sand/clay | | | | | | | | | |
| NLS 094 | 0.002 | 0.9 | 0.51 | 12.9 | 0.43 | 10.5 | 0.17 | 0.03 | 13 | mid brown | dry sand/clay | | | | | | | | | |
| NLS 095 | 0.002 | 1.1 | 0.41 | 20.2 | 0.47 | 10.2 | 0.14 | 0.04 | 14 | mid brown | dry clay | | | | | | | | | |
| NLS 096 | 0.002 | 1.2 | 0.38 | 17.3 | 0.36 | 10.6 | 0.13 | 0.04 | 15 | mid brown | dry sand | | | | | | | | | |
| NLS 097 | 0.002 | 1.5 | 0.54 | 14.3 | 0.56 | 11.6 | 0.19 | 0.05 | 16 | mid orange | damp clay | | | | | | | | | |
| NLS 098 | 0.002 | 0.9 | 0.64 | 6.4 | 0.42 | 8 | 0.21 | 0.03 | 10 | light orange | dry sand/clay | | | | | | | | | |
| NLS 099 | 0.007 | 2.5 | 0.65 | 23.4 | 0.9 | 12.5 | 0.18 | 0.05 | 16 | mid brown | dry sand clay | | | | | | | | | |
| NLS 100 | 0.006 | 3.4 | 0.79 | 30.9 | 1.07 | 14.7 | 0.23 | 0.05 | 18 | dark orange | damp clay | | | | | | | | | |
| NLS 101 | 0.006 | 1.6 | 0.71 | 17.6 | 0.7 | 9.6 | 0.15 | 0.04 | 14 | dark orange | damp clay | | | | | | | | | |
| NLS 102 | 0.002 | 1.5 | 0.33 | 17.2 | 0.56 | 12.5 | 0.12 | 0.03 | 20 | mid brown | dry sand/clay | | | | | | | | | |
| NLS 103 | 0.002 | 1.8 | 0.34 | 13.7 | 0.61 | 15 | 0.15 | 0.04 | 19 | mid orange | dry clay | | | | | | | | | |
| NLS 104 | 0.007 | 2.7 | 0.55 | 26.4 | 1.02 | 16.2 | 0.21 | 0.04 | 22 | dark orange | dry clay | | | | | | | | | |
| NLS 105 | 0.002 | 2 | 0.38 | 19 | 0.66 | 16.6 | 0.18 | 0.03 | 24 | dark orange | dry clay | | | | | | | | | |
| NLS 106 | 0.008 | 2 | 0.34 | 21.2 | 0.53 | 19.7 | 0.21 | 0.02 | 32 | mid brown | dry clay | | | | | | | | | |
| NLS 107 | 0.011 | 2.7 | 0.33 | 22.1 | 0.55 | 20.5 | 0.18 | 0.05 | 40 | dark brown | damp sand/clay | | | | | | | | | |
| NLS 108 | 0.008 | 2.3 | 0.4 | 19.4 | 0.77 | 18.1 | 0.16 | 0.02 | 24 | mid brown | dry clay | | | | | | | | | |
| NLS 109 | 0.002 | 2.5 | 0.34 | 19.1 | 0.85 | 13.9 | 0.17 | 0.02 | 24 | mid brown | quartz; dry sand/clay | 1 | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 110 | 0.002 | 1.6 | 0.43 | 10.5 | 0.7 | 10.2 | 0.11 | 0.03 | 16 | mid brown | damp clay | | | | | | | | | |
| NLS 111 | 0.01 | 3 | 0.49 | 16.4 | 0.97 | 11.6 | 0.19 | 0.04 | 16 | dark orange | damp clay | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 112 | 0.012 | 2.5 | 0.5 | 23.6 | 0.76 | 16.6 | 0.15 | 0.02 | 25 | mid orange | quartz; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| NLS 113 | 0.011 | 1.8 | 0.4 | 12.1 | 0.63 | 11.2 | 0.11 | 0.02 | 19 | mid orange | quartz; dry clay | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| NLS 114 | 0.002 | 0.8 | 0.28 | 5.7 | 0.33 | 9.3 | 0.1 | 0.01 | 23 | mid yellow | quartz; dry clay; west of creek | 1 | | | 1 | | 1 | | 1 |
| NLS 115 | 0.002 | 3.1 | 0.22 | 9.7 | 0.76 | 11.6 | 0.17 | 0.005 | 21 | mid brown | quartz; moist clay; scrub track | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 116 | 0.002 | 3.4 | 0.21 | 6.7 | 0.82 | 12.9 | 0.12 | 0.02 | 19 | mid orange | damp clay | | | | | | | | |
| NLS 117 | 0.002 | 4.1 | 0.31 | 14 | 0.7 | 12.4 | 0.19 | 0.03 | 28 | dark orange | dry clay | | | | | | | | |
| NLS 118 | 0.002 | 4.2 | 0.31 | 14.9 | 0.7 | 12.4 | 0.21 | 0.03 | 42 | mid brown | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 119 | 0.012 | 4.1 | 0.32 | 12.8 | 0.7 | 12.6 | 0.21 | 0.03 | 32 | mid brown | dry clay | | | | | | | | |
| NLS 120 | 0.002 | 4.1 | 0.32 | 14 | 0.72 | 11.1 | 0.21 | 0.02 | 29 | mid orange | dry clay | | | | | | | | |
| NLS 121 | 0.002 | 4.6 | 0.32 | 15.6 | 0.85 | 11 | 0.21 | 0.04 | 26 | mid orange | dry clay | | | | | | | | |
| NLS 122 | 0.055 | 3.5 | 0.32 | 14.6 | 0.81 | 11.4 | 0.2 | 0.01 | 31 | mid brown | damp clay | | | | | | | | |
| NLS 123 | 0.002 | 3.3 | 0.28 | 12.1 | 0.73 | 11.3 | 0.21 | 0.03 | 23 | mid brown | damp clay | | | | | | | | |
| NLS 124 | 0.002 | 3.2 | 0.3 | 12.2 | 1.02 | 9.6 | 0.17 | 0.02 | 14 | mid brown | damp clay | | | | | | | | |
| NLS 125 | 0.009 | 4 | 0.35 | 13.9 | 1.09 | 10.3 | 0.17 | 0.03 | 21 | dark orange | damp clay | | | | | | | | |
| NLS 126 | 0.002 | 4.1 | 0.36 | 12.4 | 0.99 | 12 | 0.18 | 0.02 | 20 | mid orange | dry clay | | | | | | | | |
| NLS 127 | 0.002 | 6.3 | 0.46 | 23.4 | 1.23 | 17.6 | 0.27 | 0.05 | 34 | dark orange | damp clay | | | | | | | | |
| NLS 128 | 0.002 | 3.8 | 0.31 | 13.7 | 0.87 | 12 | 0.21 | 0.02 | 22 | dark orange | damp clay | | | | | | | | |
| NLS 129 | 0.005 | 4.1 | 0.31 | 18 | 0.97 | 14 | 0.2 | 0.03 | 22 | mid brown | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 130 | 0.005 | 3.6 | 0.31 | 12 | 0.97 | 10.5 | 0.18 | 0.03 | 16 | mid orange | dry clay | | | | | | | | |
| NLS 131 | 0.002 | 5.1 | 0.3 | 8.6 | 1.09 | 9.7 | 0.19 | 0.03 | 14 | mid orange | dry clay | | | | | | | | |
| NLS 132 | 0.002 | 6.5 | 0.41 | 17.2 | 1.13 | 12.8 | 0.24 | 0.05 | 24 | dark orange | quartz; damp clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 133 | 0.002 | 5 | 0.38 | 15.3 | 1.17 | 10.2 | 0.21 | 0.03 | 19 | mid orange | dry clay | | | | | | | | |
| NLS 134 | 0.002 | 4 | 0.33 | 9.2 | 1.04 | 9.1 | 0.16 | 0.05 | 12 | dark orange | damp clay | | | | | | | | |
| NLS 135 | 0.006 | 3 | 0.28 | 8.4 | 0.9 | 8.5 | 0.14 | 0.03 | 11 | mid brown | dry clay | | | | | | | | |
| NLS 136 | 0.002 | 2.7 | 0.27 | 12.5 | 0.83 | 11.1 | 0.18 | 0.01 | 17 | mid brown | damp clay | | | | | | | | |
| NLS 137 | 0.002 | 2.7 | 0.28 | 9.4 | 0.7 | 11.1 | 0.16 | 0.01 | 19 | light brown | dry sand/clay | | | | | | | | |
| NLS 138 | 0.002 | 3.2 | 0.24 | 16.7 | 2.56 | 9.4 | 0.19 | 0.02 | 24 | mid brown | quartz; damp sand/clay | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 139 | 0.002 | 3.3 | 0.25 | 12 | 0.88 | 13.7 | 0.21 | 0.02 | 20 | pale brown | dry sand | | | | | | | | |
| NLS 140 | 0.03 | 2.3 | 0.24 | 6.9 | 0.79 | 10.3 | 0.11 | 0.01 | 14 | mid brown | damp sand/clay | | | | | | | | |
| NLS 141 | 0.002 | 2.4 | 0.26 | 11.8 | 0.93 | 8.5 | 0.14 | 0.01 | 14 | mid brown | dry sand/clay | | | | | | | | |
| NLS 142 | 0.002 | 2.2 | 0.22 | 13.1 | 0.87 | 9 | 0.19 | 0.02 | 15 | brown | dry sand/clay | | | | | | | | |
| NLS 143 | 0.002 | 3.5 | 0.3 | 13.4 | 1.25 | 10.2 | 0.13 | 0.03 | 19 | mid orange | damp clay | | | | | | | | |
| NLS 144 | 0.006 | 3.4 | 0.35 | 12.7 | 0.98 | 12.8 | 0.16 | 0.05 | 15 | dark orange | dry clay | | | | | | | | |
| NLS 145 | 0.268 | 1.6 | 0.23 | 13.1 | 0.74 | 11.9 | 0.15 | 0.01 | 16 | dark orange | damp clay | | | | | | | | |
| NLS 146 | 0.002 | 2.8 | 0.31 | 10.7 | 0.95 | 13.2 | 0.14 | 0.04 | 13 | mid brown | dry sand/clay | | | | | | | | |
| NLS 147 | 0.002 | 4.1 | 0.37 | 17.2 | 0.85 | 11.4 | 0.15 | 0.03 | 17 | mid red | damp clay | | | | | | | | |
| NLS 148 | 0.002 | 3.8 | 0.39 | 17.6 | 0.84 | 16.5 | 0.18 | 0.04 | 17 | dark red | damp clay | | | | | | | | |
| NLS 149 | 0.002 | 2.2 | 0.26 | 12.9 | 0.72 | 11.6 | 0.11 | 0.02 | 43 | mid brown | quartz; dry sand/clay | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 150 | 0.005 | 1.4 | 0.26 | 15 | 0.65 | 14.7 | 0.1 | 0.02 | 24 | dark brown | moist clay | | | | | | | | |
| NLS 151 | 0.002 | 10 | 0.6 | 124.5 | 0.95 | 11.8 | 0.2 | 0.03 | 13 | mid brown | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 152 | 0.002 | 5 | 0.41 | 28 | 0.79 | 10.3 | 0.17 | 0.02 | 10 | mid brown | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | | |
| NLS 153 | 0.002 | 6 | 0.42 | 22 | 0.67 | 12.4 | 0.14 | 0.03 | 16 | dark orange | quartz; damp clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 154 | 0.002 | 5.2 | 0.35 | 17 | 0.53 | 10.7 | 0.13 | 0.01 | 14 | mid orange | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 155 | 0.002 | 2.8 | 0.29 | 14 | 0.46 | 9.6 | 0.1 | | 13 | dark orange | quartz; damp clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 156 | 0.002 | 2.3 | 0.26 | 11 | 0.52 | 8.9 | 0.12 | 0.02 | 11 | mid brown | quartz; damp clay | 1 | | 1 | 1 | 1 | 1 | | |
| NLS 157 | 0.005 | 2.3 | 0.25 | 9 | 0.59 | 8.5 | 0.1 | 0.01 | 7 | dark brown | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | | |
| NLS 158 | 0.002 | 3.2 | 0.46 | 20 | 0.73 | 19.2 | 0.13 | 0.02 | 18 | mid brown | dry clay | | | | | | | | |
| NLS 159 | 0.007 | 5.6 | 0.46 | 29.9 | 0.78 | 16.5 | 0.17 | 0.04 | 22 | mid brown | dry clay | | | | | | | | |
| NLS 160 | 0.011 | 5.2 | 0.32 | 12.2 | 0.51 | 8.7 | 0.2 | 0.04 | 7 | dark brown | quartz; damp sand/clay | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| NLS 161 | 0.005 | 11.2 | 0.36 | 12 | 1.04 | 11.2 | 0.2 | 0.07 | 8 | dark orange | dry clay | | | | | | | | |
| NLS 162 | 0.008 | 7.8 | 0.34 | 9.7 | 0.87 | 10.6 | 0.14 | 0.03 | 6 | dark orange | dry clay | | | | | | | | |
| NLS 163 | 0.002 | 2.7 | 0.29 | 10.6 | 0.46 | 10.2 | 0.12 | 0.01 | 8 | mid brown | damp sand/clay | | | | | | | | |
| NLS 164 | 0.005 | 5.6 | 0.34 | 21 | 1.13 | 14.6 | 0.23 | 0.02 | 17 | mid orange | dry clay | | | | | | | | |
| NLS 165 | 0.005 | 3.9 | 0.4 | 14.8 | 0.75 | 14.9 | 0.15 | 0.06 | 14 | mid orange | dry clay | | | | | | | | |
| NLS 166 | 0.002 | 5.1 | 0.36 | 17.1 | 1.01 | 12.8 | 0.17 | 0.02 | 12 | mid orange | dry clay | | | | | | | | |
| NLS 167 | 0.032 | 3.7 | 0.31 | 14.5 | 0.93 | 13.9 | 0.13 | 0.02 | 15 | mid brown | damp clay | | | | | | | | |
| NLS 168 | 0.002 | 2.9 | 0.25 | 12 | 0.96 | 11.6 | 0.13 | 0.01 | 13 | mid orange | quartz; damp clay | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 169 | 0.002 | 5.2 | 0.46 | 16.1 | 0.79 | 14.6 | 0.16 | 0.02 | 10 | mid orange | damp clay | | | | | | | | |
| NLS 170 | 0.002 | 7.8 | 0.38 | 14.8 | 1.36 | 12.8 | 0.63 | 0.04 | 13 | dark orange | quartz; dry clay | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 171 | 0.002 | 4.1 | 0.3 | 10 | 0.96 | 14.4 | 0.13 | 0.03 | 12 | mid brown | quartz; dry clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 172 | 0.002 | 3.3 | 0.28 | 15.4 | 1.34 | 12.1 | 0.11 | 0.02 | 22 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 173 | 0.002 | 2.8 | 0.32 | 19.6 | 1.29 | 13.1 | 0.11 | 0.02 | 34 | dark orange | mica; damp clay | | 1 | | | | | | | | | | | | |
| NLS 174 | 0.002 | 3.6 | 0.36 | 15.2 | 1.02 | 13.2 | 0.18 | 0.02 | 23 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 175 | 0.002 | 2.1 | 0.33 | 13.9 | 0.72 | 11.4 | 0.11 | 0.03 | 19 | mid brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 176 | 0.005 | 2.3 | 0.3 | 23.3 | 0.93 | 13.8 | 0.08 | 0.01 | 26 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 177 | 0.006 | 2.2 | 0.33 | 10.5 | 0.81 | 9.6 | 0.07 | 0.02 | 12 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 178 | 0.002 | 1.8 | 0.26 | 10.3 | 0.61 | 9.3 | 0.1 | 0.02 | 13 | dark brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 179 | 0.009 | 1.7 | 0.25 | 29.8 | 0.76 | 15.2 | 0.08 | 0.04 | 64 | mid orange | mica; dry clay | | 1 | | | | 1 | | | | | | | | |
| NLS 180 | 0.006 | 2.4 | 0.24 | 18.5 | 0.78 | 22.1 | 0.11 | 0.02 | 35 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 181 | 0.026 | 2.2 | 0.25 | 14.9 | 1.05 | 14.4 | 0.11 | 0.02 | 17 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 182 | 0.002 | 1.7 | 0.22 | 6.7 | 0.5 | 10.2 | 0.06 | 0.02 | 23 | light brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 183 | 0.005 | 2.2 | 0.29 | 12.9 | 0.75 | 10.9 | 0.06 | 0.02 | 23 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 184 | 0.002 | 5.3 | 0.34 | 20.7 | 0.97 | 12.5 | 0.09 | 0.04 | 32 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 185 | 0.007 | 2.4 | 0.46 | 19.2 | 0.52 | 18 | 0.13 | 0.04 | 51 | dark orange | dry clay; old track in pines | | | | | | | | | | | | | | |
| NLS 186 | 0.018 | 2.3 | 0.38 | 13.9 | 0.62 | 15.9 | 0.16 | 0.01 | 35 | mid brown | quartz; dry sand/clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 187 | 0.002 | 2.4 | 0.48 | 17 | 0.84 | 20 | 0.13 | 0.02 | 45 | dark brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 188 | 0.011 | 4.5 | 0.55 | 21.8 | 1.11 | 17.3 | 0.13 | 0.03 | 50 | dark brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 189 | 0.016 | 2.2 | 0.59 | 19.3 | 0.98 | 18.6 | 0.13 | 0.04 | 38 | dark brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 190 | 0.026 | 2.4 | 0.7 | 34.4 | 1.19 | 26 | 0.16 | 0.04 | 45 | dark brown | dry sand | | | | | | | | | | | | | | |
| NLS 191 | 0.077 | 2.1 | 0.59 | 39.1 | 1.18 | 20.2 | 0.22 | 0.06 | 25 | dark brown | dry sand; very dark brown | | | | 1 | | | | 1 | | | | | | |
| NLS 192 | 0.007 | 1.5 | 0.32 | 9.7 | 0.42 | 11.1 | 0.11 | 0.03 | 23 | light brown | dry sand | | | | | | | | | | | | | | |
| NLS 193 | 0.049 | 6.9 | 0.26 | 9.8 | 0.56 | 8.1 | 0.39 | 0.03 | 13 | pale brown | quartz; dry sand | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 194 | 0.005 | 10.5 | 0.31 | 24.7 | 0.81 | 15.2 | 0.24 | 0.04 | 46 | light orange | dry sand | | | | | | | | | | | | | | |
| NLS 195 | 0.091 | 6.9 | 0.71 | 20 | 0.51 | 13.4 | 0.24 | 0.21 | 21 | mid orange | quartz; dry sand | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 196 | 0.008 | 1.5 | 0.11 | 23.8 | 0.2 | 9.2 | 0.11 | 0.01 | 53 | light yellow | dry sand | | | | | | | | | | | | | | |
| NLS 197 | 0.186 | 5.1 | 0.93 | 23.9 | 1.04 | 17.6 | 0.27 | 0.13 | 45 | mid brown | dry sand | | | | | | | | | | | | | | |
| NLS 198 | 0.016 | 3.2 | 0.44 | 28 | 0.66 | 17.8 | 1.04 | 0.04 | 55 | mid brown | dry sand | | | | | | | | | | | | | | |
| NLS 199 | 0.042 | 4.7 | 0.64 | 33.8 | 0.69 | 34 | 0.78 | 0.07 | 76 | dark yellow | dry sand | | | | | | | | | | | | | | |
| NLS 200 | 0.01 | 5.2 | 0.48 | 29.9 | 0.67 | 19.8 | 0.19 | 0.05 | 57 | mid brown | dry sand | | | | | | | | | | | | | | |
| NLS 201 | 0.009 | 7 | 0.49 | 34.3 | 0.75 | 21.1 | 0.23 | 0.03 | 62 | light orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 202 | 0.006 | 5.7 | 0.45 | 22.6 | 0.74 | 14.3 | 0.19 | 0.04 | 51 | mid orange | damp sand/clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 203 | 0.009 | 9 | 0.54 | 27.1 | 1.1 | 15.9 | 0.43 | 0.04 | 57 | dark orange | damp sand/clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 204 | 0.018 | 8.6 | 0.54 | 36.1 | 1.09 | 37.8 | 0.69 | 0.08 | 89 | dark orange | damp sand/clay | | | | | | | | | | | | | | |
| NLS 205 | 0.023 | 5.4 | 0.61 | 31.8 | 0.97 | 20.6 | 0.41 | 0.07 | 59 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 206 | 0.04 | 6.1 | 0.49 | 18.4 | 0.65 | 18.2 | 0.54 | 0.06 | 28 | mid orange | dry sand/clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 207 | 0.016 | 7.5 | 0.49 | 21.7 | 0.73 | 16.3 | 0.42 | 0.04 | 46 | dark orange | damp sand/clay | | | | | | | | | | | | | | |
| NLS 208 | 0.007 | 5.2 | 0.44 | 26 | 0.61 | 13.4 | 0.24 | 0.03 | 49 | dark orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 209 | 0.005 | 5.4 | 0.4 | 29.3 | 0.48 | 14.3 | 0.17 | 0.06 | 66 | dark orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 210 | 0.007 | 6.6 | 0.43 | 25.6 | 0.56 | 21.8 | 0.27 | 0.03 | 62 | mid orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 211 | 0.044 | 5 | 0.53 | 29.3 | 0.84 | 14.4 | 0.2 | 0.04 | 35 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 212 | 0.002 | 6.5 | 0.52 | 25.8 | 1.42 | 21.5 | 0.12 | 0.04 | 41 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 213 | 0.002 | 3.8 | 0.47 | 23.1 | 0.91 | 18.8 | 0.13 | 0.02 | 41 | dark brown | dry clay | | | | | | | | | | | | | | |
| NLS 214 | 0.002 | 2.1 | 0.41 | 17.7 | 0.66 | 16.3 | 0.11 | 0.04 | 34 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 215 | 0.002 | 4.9 | 0.4 | 24.4 | 0.65 | 17.7 | 0.17 | 0.04 | 38 | dark orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 216 | 0.002 | 1.9 | 0.19 | 12.1 | 0.46 | 10.4 | 0.13 | 0.01 | 17 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 217 | 0.002 | 1.8 | 0.18 | 9.9 | 0.42 | 10.7 | 0.08 | 0.01 | 21 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 218 | 0.032 | 1.4 | 0.2 | 9.9 | 0.6 | 10.4 | 0.14 | 0.01 | 16 | pale brown | dry sand | | | | | | | | | | | | | | |
| NLS 219 | 0.002 | 1.2 | 0.34 | 17.8 | 0.56 | 16 | 0.12 | 0.01 | 35 | light brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 220 | 0.005 | 3.3 | 0.29 | 9.3 | 0.72 | 9.8 | 0.15 | 0.03 | 10 | mid brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | |
| NLS 221 | 0.002 | 2.4 | 0.22 | 10.3 | 0.77 | 8.7 | 0.15 | 0.02 | 9 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 222 | 1.435 | 2.4 | 0.29 | 10.2 | 1.01 | 9.6 | 0.11 | 0.04 | 9 | mid orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 223 | 0.005 | 3.5 | 0.33 | 15.2 | 1.4 | 13 | 0.14 | 0.05 | 18 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 224 | 0.005 | 4.1 | 0.47 | 22.2 | 2.11 | 12.2 | 0.17 | 0.04 | 25 | dark orange | quartz; mica; damp clay | 1 | 1 | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 225 | 0.016 | 3.8 | 0.42 | 16.7 | 1.53 | 15.2 | 0.15 | 0.03 | 21 | dark orange | quartz; dry clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 226 | 0.005 | 3.3 | 0.29 | 18.5 | 1.38 | 13.8 | 0.11 | 0.03 | 18 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 227 | 0.002 | 1.8 | 0.23 | 9.9 | 0.91 | 10.6 | 0.07 | 0.02 | 14 | dark brown | damp sand | | | | | | | | | | | | | | |
| NLS 228 | 0.047 | 3.2 | 0.27 | 13.4 | 0.93 | 10.3 | 0.1 | 0.01 | 17 | dark orange | damp clay; very steep uphill | | | | | | | | | | | | | | |
| NLS 229 | 0.006 | 4.5 | 0.39 | 22.9 | 1.4 | 16.5 | 0.13 | 0.04 | 34 | mid brown | dry clay; trench zone | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 230 | 0.002 | 0.9 | 0.24 | 12.5 | 0.67 | 11.1 | 0.07 | 0.01 | 25 | mid brown | dry clay; shaft zone | | | | | | | | | | | |
| NLS 231 | 0.002 | 2.5 | 0.38 | 25.3 | 1.25 | 15.9 | 0.14 | 0.04 | 32 | mid brown | dry clay | | | | | | | | | | | |
| NLS 232 | 0.002 | 1 | 0.31 | 12.5 | 0.57 | 12.1 | 0.12 | 0.01 | 19 | dark brown | dry sand/clay | | | | | | | | | | | |
| NLS 233 | 0.002 | 0.9 | 0.36 | 20.9 | 0.69 | 17.3 | 0.07 | 0.03 | 35 | dark brown | dry sand/clay | | | | | | | | | | | |
| NLS 234 | 0.002 | 1.1 | 0.23 | 15.7 | 0.52 | 12.1 | 0.1 | 0.01 | 23 | mid brown | quartz; dry sand/clay | 1 | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 235 | 0.002 | 9.3 | 0.28 | 16.4 | 0.5 | 14.6 | 0.14 | 0.03 | 34 | mid brown | quartz; dry sand/clay | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 236 | 0.002 | 1.6 | 0.24 | 15.1 | 0.45 | 14 | 0.12 | 0.02 | 25 | dark brown | quartz; dry sand/clay | 1 | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 237 | 0.002 | 2 | 0.33 | 19.7 | 0.56 | 17.9 | 0.13 | 0.03 | 44 | dark orange | damp clay near disturbed area | | | | | | | | | | | |
| NLS 238 | 0.002 | 1.3 | 0.24 | 13.4 | 0.39 | 15.6 | 0.12 | 0.03 | 28 | dark brown | mica; damp sand/clay | | 1 | | | | | | | | | |
| NLS 239 | 0.002 | 3.1 | 0.49 | 31.1 | 0.78 | 20.8 | 0.18 | 0.04 | 47 | dark orange | mica; dry sand/clay | | 1 | | | | | | | | | |
| NLS 240 | 0.002 | 0.7 | 0.18 | 9.6 | 0.41 | 11.6 | 0.08 | 0.02 | 19 | pale brown | quartz; dry sand | 1 | | | | | | 1 | 1 | 1 | | 1 |
| NLS 241 | 0.005 | 2.1 | 0.36 | 16.7 | 0.74 | 13.9 | 0.13 | 0.01 | 25 | mid orange | damp clay | | | | | | | | | | | |
| NLS 242 | 0.002 | 2.8 | 0.49 | 18.8 | 0.67 | 20.2 | 0.13 | 0.03 | 26 | mid orange | damp clay | | | | | | | | | | | |
| NLS 243 | 0.006 | 2.3 | 0.53 | 25.7 | 0.66 | 15.8 | 0.17 | 0.03 | 36 | dark orange | dry clay | | | | | | | | | | | |
| NLS 244 | 0.006 | 1.1 | 0.45 | 22.7 | 0.63 | 16.3 | 0.09 | 0.03 | 34 | dark red | damp clay | | | | | | | | | | | |
| NLS 245 | 0.006 | 0.8 | 0.41 | 15.1 | 0.4 | 14.9 | 0.07 | 0.02 | 33 | dark brown | damp sand/clay | | | | | | | | | | | |
| NLS 246 | 0.002 | 1.3 | 0.42 | 20.8 | 0.68 | 14.7 | 0.11 | 0.03 | 35 | dark brown | dry sand/clay near road | | | | | | | | | | | |
| NLS 247 | 0.002 | 2.2 | 0.27 | 11.9 | 0.62 | 13.3 | 0.09 | 0.04 | 25 | mid orange | damp clay; overgrown track | | | | | | | | | | | |
| NLS 248 | 0.002 | 0.7 | 0.18 | 8.4 | 0.42 | 9.4 | 0.09 | 0.01 | 19 | light brown | dry sand | | | | | | | | | | | |
| NLS 249 | 0.002 | 4.1 | 0.34 | 15.1 | 0.82 | 12.7 | 0.13 | 0.04 | 31 | dark orange | damp clay | | | | | | | | | | | |
| NLS 250 | 0.002 | 4.3 | 0.26 | 12.1 | 0.61 | 13 | 0.1 | 0.03 | 25 | mid brown | damp sand/clay | | | | | | | | | | | |
| NLS 251 | 0.005 | 11.9 | 0.29 | 13.2 | 0.8 | 10 | 0.14 | 0.005 | 23 | mid orange | dry sand/clay | | | | | | | | | | | |
| NLS 252 | 0.041 | 6.1 | 0.3 | 17.4 | 0.73 | 13 | 0.08 | 0.04 | 28 | mid brown | damp sand/clay | | | | | | | | | | | |
| NLS 253 | 0.013 | 3.5 | 0.3 | 16.8 | 0.85 | 13.4 | 0.09 | 0.02 | 27 | dark orange | moist clay | | | | | | | | | | | |
| NLS 254 | 0.005 | 2.4 | 0.24 | 13 | 0.64 | 8.7 | 0.1 | 0.01 | 17 | mid orange | dry sand/clay | | | | | | | | | | | |
| NLS 255 | 0.005 | 2.6 | 0.29 | 13.9 | 0.54 | 12.8 | 0.09 | 0.02 | 22 | mid brown | dry sand/clay; pines | | | | | | | | | | | |
| NLS 256 | 0.008 | 2.8 | 0.32 | 12.9 | 0.82 | 8.4 | 0.14 | 0.02 | 13 | mid brown | dry sand/clay | | | | | | | | | | | |
| NLS 257 | 0.008 | 2.4 | 0.3 | 8.1 | 0.44 | 11 | 0.09 | 0.01 | 13 | light brown | dry sand | | | | | | | | | | | |
| NLS 258 | 0.002 | 1.7 | 0.28 | 9.6 | 0.46 | 10.6 | 0.08 | 0.01 | 14 | light brown | quartz; dry sand | 1 | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 259 | 0.005 | 2.5 | 0.29 | 9.7 | 0.52 | 13 | 0.11 | 0.03 | 21 | mid brown | damp sand/clay | | | | | | | | | | | |
| NLS 260 | 0.005 | 3.7 | 0.29 | 10.5 | 0.5 | 12.4 | 0.12 | 0.03 | 22 | mid brown | damp sand/clay | | | | | | | | | | | |
| NLS 261 | 0.005 | 2.8 | 0.26 | 8.2 | 0.51 | 10.6 | 0.16 | 0.01 | 15 | mid brown | quartz; damp sand | 1 | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 262 | 0.01 | 2.2 | 0.34 | 4 | 0.5 | 12.1 | 0.09 | 0.03 | 10 | mid brown | quartz; damp sand | 1 | | | 1 | | 1 | 1 | 1 | 1 | 1 | |
| NLS 263 | 0.005 | 1.9 | 0.25 | 9.7 | 0.6 | 10.4 | 0.09 | 0.01 | 16 | light brown | ddry sand/clay | | | | | | | | | | | |
| NLS 264 | 0.033 | 2.4 | 0.34 | 9.1 | 0.5 | 13.2 | 0.13 | 0.005 | 17 | mid brown | quartz; dry sand | 1 | | | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 265 | 0.002 | 2.4 | 0.3 | 10.2 | 0.53 | 11.1 | 0.14 | 0.03 | 18 | pale brown | quartz; dry sand | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 266 | 0.002 | 1.5 | 0.28 | 11.4 | 0.69 | 7.7 | 0.13 | 0.02 | 9 | light brown | damp sand/clay | | | | | | | | | | | |
| NLS 267 | 0.011 | 7.2 | 0.34 | 14.5 | 0.71 | 15.9 | 0.14 | 0.02 | 30 | mid orange | dry clay | | | | | | | | | | | |
| NLS 268 | 0.005 | 3.7 | 0.32 | 18.7 | 0.49 | 14.3 | 0.11 | 0.04 | 31 | light brown | dry sand | | | | | | | | | | | |
| NLS 269 | 0.002 | 5 | 0.47 | 21.4 | 0.69 | 17.2 | 0.14 | 0.04 | 44 | mid brown | dry sand/clay | | | | | | | | | | | |
| NLS 270 | 0.002 | 3.6 | 0.36 | 17 | 0.5 | 17 | 0.09 | 0.02 | 48 | dark orange | dry sand/clay | | | | | | | | | | | |
| NLS 271 | 0.008 | 13.4 | 0.57 | 26.2 | 0.99 | 23 | 0.15 | 0.05 | 42 | dark orange | quartz; dry clay | 1 | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 272 | 0.166 | 16.2 | 0.54 | 24.1 | 1.16 | 20.2 | 0.16 | 0.04 | 34 | dark orange | damp clay; bright orange | | | 1 | | 1 | | | | | | |
| NLS 273 | 0.007 | 12 | 0.5 | 18.7 | 1.02 | 17.1 | 0.14 | 0.05 | 24 | dark orange | damp clay; bright orange | | | 1 | | 1 | | | | | | |
| NLS 274 | 0.002 | 10 | 0.44 | 18.8 | 0.9 | 17.6 | 0.12 | 0.02 | 24 | mid orange | dry sand/clay | | | | | | | | | | | |
| NLS 275 | 0.005 | 7.9 | 0.58 | 32.5 | 0.72 | 33.7 | 0.15 | 0.05 | 50 | dark orange | dry sand/clay | | | | | | | | | | | |
| NLS 276 | 0.002 | 9.8 | 0.38 | 17.8 | 2.16 | 17 | 0.14 | 0.05 | 29 | dark orange | quartz; dry sand/clay | 1 | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 277 | 0.002 | 1.4 | 0.56 | 33.5 | 0.32 | 22.8 | 0.07 | 0.02 | 48 | light orange | dry sand/clay | | | | | | | | | | | |
| NLS 278 | 0.002 | 2.3 | 0.51 | 31.6 | 0.67 | 21.8 | 0.09 | 0.04 | 53 | dark orange | dry clay; bright orange | | | 1 | | | | | | | | |
| NLS 279 | 0.002 | 10.3 | 0.61 | 38.6 | 0.8 | 22.8 | 0.24 | 0.05 | 49 | dark orange | damp sand/clay | | | | | | | | | | | |
| NLS 280 | 0.002 | 4.6 | 0.6 | 35.5 | 0.66 | 21.2 | 0.12 | 0.03 | 51 | dark orange | dry clay; bright orange | | | 1 | | | | | | | | |
| NLS 281 | 0.002 | 3 | 0.42 | 17.2 | 0.63 | 16.7 | 0.1 | 0.03 | 42 | dark orange | damp clay | | | | | | | | | | | |
| NLS 282 | 0.002 | 3.9 | 0.58 | 29.5 | 0.62 | 20 | 0.13 | 0.04 | 42 | mid brown | dry clay | | | | | | | | | | | |
| NLS 283 | 0.002 | 3.9 | 0.43 | 23.7 | 0.72 | 17.6 | 0.13 | 0.03 | 33 | mid orange | dry clay | | | | | | | | | | | |
| NLS 284 | 0.009 | 5.7 | 0.41 | 27.6 | 0.69 | 19.6 | 0.17 | 0.01 | 39 | mid orange | dry clay; bright orange | | | 1 | | 1 | | | | | | |
| NLS 285 | 0.002 | 4.6 | 0.38 | 12.7 | 0.6 | 12.1 | 0.16 | 0.02 | 23 | mid brown | dry clay | | | | | | | | | | | |
| NLS 286 | 0.002 | 4.4 | 0.37 | 20.9 | 0.74 | 19.6 | 0.16 | 0.05 | 35 | dark orange | damp clay | | | | | | | | | | | |
| NLS 287 | 0.005 | 12.2 | 0.55 | 27.3 | 1.03 | 23.7 | 0.23 | 0.05 | 47 | mid brown | damp sand/clay | | | | | | | | | | | |
| NLS 288 | 0.002 | 12.1 | 0.68 | 56.4 | 1.7 | 27.8 | 0.27 | 0.03 | 52 | dark orange | dry clay | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 289 | 0.002 | 3.5 | 0.49 | 24.3 | 0.97 | 25 | 0.17 | 0.04 | 43 | mid brown | dry sand/clay | | | | | | | | | | | | |
| NLS 290 | 0.002 | 2.9 | 0.48 | 22.9 | 0.65 | 24.5 | 0.19 | 0.03 | 50 | mid orange | dry sand/clay | | | | | | | | | | | | |
| NLS 291 | 0.002 | 2.4 | 0.44 | 26 | 0.6 | 19.3 | 0.21 | 0.03 | 63 | mid brown | dry sand | | | | | | | | | | | | |
| NLS 292 | 0.002 | 7.4 | 0.52 | 40.6 | 1.13 | 27.3 | 0.18 | 0.04 | 54 | dark orange | dry clay | | | | | | | | | | | | |
| NLS 293 | 0.005 | 8.2 | 0.69 | 36.3 | 1.26 | 26.6 | 0.26 | 0.04 | 58 | dark orange | damp sand/clay | | | | | | | | | | | | |
| NLS 294 | 0.002 | 6.3 | 0.48 | 30.4 | 0.78 | 23.7 | 0.2 | 0.03 | 44 | dark brown | dry sand; very dark brown | | | | 1 | | | | | | | | |
| NLS 295 | 0.007 | 6.7 | 0.3 | 20.9 | 0.85 | 13.7 | 0.24 | 0.01 | 21 | mid black | quartz; dry sand; not burnt | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 296 | 0.005 | 9.5 | 0.4 | 28.2 | 1.15 | 19.6 | 0.28 | 0.01 | 29 | dark brown | damp sand; very dark | | | | 1 | | | | | | | | |
| NLS 297 | 0.007 | 8.8 | 0.21 | 16.4 | 0.89 | 21.7 | 0.24 | 0.03 | 30 | dark brown | damp sand | | | | | | | | | | | | |
| NLS 298 | 0.007 | 19.9 | 0.33 | 16.7 | 0.76 | 17.1 | 0.55 | 0.02 | 26 | light orange | dry sand/clay | | | | | | | | | | | | |
| NLS 299 | 0.02 | 8.3 | 0.46 | 17.9 | 0.69 | 15.1 | 0.29 | 0.05 | 26 | dark brown | dry sand/clay | | | | | | | | | | | | |
| NLS 300 | 0.005 | 4 | 0.48 | 25.5 | 0.53 | 18.7 | 0.25 | 0.04 | 47 | light brown | dry sand/clay | | | | | | | | | | | | |
| NLS 301 | 0.007 | 6.2 | 0.41 | 30.3 | 0.99 | 20.2 | 0.27 | 0.05 | 44 | mid brown | quartz; damp sand | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 302 | 0.006 | 4.6 | 0.36 | 25.5 | 1.04 | 19.1 | 0.12 | 0.02 | 30 | mid orange | dry clay | | | | | | | | | | | | |
| NLS 303 | 0.005 | 1.5 | 0.09 | 17.7 | 0.26 | 13.8 | 0.07 | 0.01 | 35 | light orange | dry sand; mica | | 1 | | | | | | | | | | |
| NLS 304 | 0.006 | 4.1 | 0.3 | 12.5 | 0.85 | 16.6 | 0.14 | 0.03 | 14 | dark brown | damp sand/clay | | | | | | | | | | | | |
| NLS 305 | 0.005 | 4.9 | 0.28 | 13.9 | 0.57 | 14.4 | 0.15 | 0.03 | 12 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 306 | 0.006 | 5 | 0.34 | 18.8 | 1.13 | 12.7 | 0.18 | 0.04 | 12 | mid brown | quartz; damp sand/clay | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 307 | 0.005 | 5.5 | 0.33 | 17.2 | 1.01 | 14.8 | 0.13 | 0.03 | 14 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 308 | 0.006 | 4.3 | 0.29 | 13.8 | 0.89 | 15.5 | 0.17 | 0.04 | 12 | light brown | quartz; dry sand/clay | 1 | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 309 | 0.042 | 4.6 | 0.35 | 11.7 | 1.17 | 15.4 | 0.15 | 0.04 | 13 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 310 | 0.002 | 5.2 | 0.4 | 16.5 | 1.4 | 13.5 | 0.16 | 0.03 | 18 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 311 | 0.002 | 5.4 | 0.34 | 13.3 | 1.17 | 12.5 | 0.14 | 0.03 | 13 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 312 | 0.002 | 4.9 | 0.28 | 13.8 | 1.06 | 15.1 | 0.17 | 0.02 | 14 | mid brown | dry sand/clay | | | | | | | | | | | | |
| NLS 313 | 0.002 | 2.7 | 0.24 | 9.6 | 0.8 | 11.8 | 0.13 | 0.01 | 11 | light brown | quartz; dry sand/clay | 1 | | | | | | 1 | 1 | 1 | 1 | | |
| NLS 314 | 0.002 | 2.4 | 0.29 | 11.6 | 0.42 | 11.5 | 0.1 | 0.01 | 22 | light brown | quartz; dry sand/clay | 1 | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 315 | 0.002 | 3.8 | 0.33 | 17.6 | 0.55 | 18.1 | 0.11 | 0.01 | 32 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 316 | 0.002 | 3 | 0.29 | 15.6 | 0.58 | 12.9 | 0.09 | 0.01 | 27 | light orange | quartz; dry sand/clay | 1 | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 317 | 0.002 | 6.7 | 0.34 | 17.6 | 0.84 | 12.6 | 0.12 | 0.01 | 20 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 318 | 0.002 | 6.3 | 0.33 | 14.8 | 0.82 | 13.3 | 0.18 | 0.02 | 16 | dark orange | quartz; damp clay; embankment w | 1 | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 319 | 0.008 | 17.2 | 0.51 | 27.4 | 0.85 | 32 | 0.24 | 0.01 | 33 | mid orange | dry sand/clay; embankment wall | | | | | | | | | | | | |
| NLS 320 | 0.002 | 11.2 | 0.36 | 15.6 | 1.01 | 14.5 | 0.2 | 0.02 | 14 | mid orange | dry sand/clay | | | | | | | | | | | | |
| NLS 321 | 0.002 | 9.7 | 0.42 | 15.7 | 1.02 | 14.2 | 0.14 | 0.01 | 19 | dark red | damp clay | | | | | | | | | | | | |
| NLS 322 | 0.002 | 5.6 | 0.88 | 36 | 0.94 | 26.3 | 0.13 | 0.04 | 37 | mid orange | dry sand/clay | | | | | | | | | | | | |
| NLS 323 | 0.002 | 2.9 | 0.48 | 18.3 | 0.71 | 15 | 0.1 | 0.01 | 33 | dark orange | dry clay | | | | | | | | | | | | |
| NLS 324 | 0.002 | 1.7 | 0.23 | 10.5 | 0.42 | 10.1 | 0.08 | 0.005 | 18 | light brown | damp sand/clay | | | | | | | | | | | | |
| NLS 325 | 0.005 | 10.8 | 0.46 | 19.2 | 0.98 | 14.2 | 0.12 | 0.03 | 26 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 326 | 0.008 | 8.5 | 0.88 | 13.3 | 0.82 | 13.6 | 0.12 | 0.02 | 26 | dark orange | quartz; damp clay | 1 | | | | 1 | | 1 | 1 | 1 | 1 | | 1 |
| NLS 327 | 0.005 | 5.8 | 0.3 | 11.7 | 0.64 | 12.8 | 0.11 | 0.02 | 22 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 328 | 0.002 | 2.5 | 0.3 | 20 | 0.59 | 16.4 | 0.09 | 0.01 | 48 | dark brown | damp clay | | | | | | | | | | | | |
| NLS 329 | 0.062 | 3.6 | 0.39 | 13.2 | 0.52 | 16.1 | 0.13 | 0.01 | 30 | mid brown | damp clay | | | | | | | | | | | | |
| NLS 330 | 0.002 | 2.4 | 0.27 | 12.7 | 0.45 | 14.6 | 0.11 | 0.01 | 24 | mid brown | quartz; damp sand/clay | 1 | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 331 | 0.006 | 2.2 | 0.28 | 11.1 | 0.44 | 10.8 | 0.1 | 0.01 | 23 | mid orange | dry sand/clay | | | | | | | | | | | | |
| NLS 332 | 0.002 | 2.4 | 0.29 | 10.7 | 0.4 | 10.9 | 0.14 | 0.01 | 28 | light brown | quartz; damp sand/clay | 1 | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 333 | 0.002 | 5.8 | 0.36 | 13.1 | 0.58 | 12.3 | 0.32 | 0.01 | 31 | mid orange | dry clay | | | | | | | | | | | | |
| NLS 334 | 0.009 | 4.3 | 0.36 | 18.9 | 0.65 | 12.1 | 0.17 | 0.02 | 38 | light brown | dry clay | | | | | | | | | | | | |
| NLS 335 | 0.002 | 9.6 | 0.48 | 30.7 | 0.92 | 18.7 | 0.29 | 0.03 | 47 | mid orange | dry clay | | | | | | | | | | | | |
| NLS 336 | 0.002 | 6.3 | 0.62 | 29.5 | 0.85 | 24.6 | 0.28 | 0.05 | 52 | mid brown | dry clay | | | | | | | | | | | | |
| NLS 337 | 0.002 | 5.1 | 0.48 | 22.9 | 0.56 | 18 | 0.26 | 0.03 | 48 | dark orange | dry clay | | | | | | | | | | | | |
| NLS 338 | 0.006 | 3.9 | 0.39 | 16.9 | 0.73 | 16.8 | 0.2 | 0.01 | 38 | dark orange | damp clay; bright orange | | | 1 | | | 1 | | | | | | |
| NLS 339 | 0.014 | 5.6 | 0.4 | 17.1 | 0.8 | 16.3 | 0.18 | 0.03 | 39 | dark orange | damp clay; bright orange | | | 1 | | | 1 | | | | | | |
| NLS 340 | 0.023 | 3.3 | 0.26 | 8.5 | 0.63 | 11.9 | 0.19 | 0.01 | 21 | mid orange | dry sand/clay | | | | | | | | | | | | |
| NLS 341 | 0.022 | 3.9 | 0.85 | 42.5 | 1.22 | 22.1 | 0.16 | 0.06 | 53 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 342 | 0.006 | 5.7 | 0.72 | 35.6 | 1.22 | 19 | 0.13 | 0.04 | 50 | dark red | moist clay | | | | | | | | | | | | |
| NLS 343 | 0.005 | 3.4 | 0.5 | 28.2 | 0.96 | 17 | 0.27 | 0.03 | 50 | dark orange | dry clay | | | | | | | | | | | | |
| NLS 344 | 0.002 | 2.8 | 0.45 | 23.1 | 1.16 | 17.4 | 0.17 | 0.03 | 41 | dark brown | damp clay | | | | | | | | | | | | |
| NLS 345 | 0.002 | 3.8 | 0.53 | 24.3 | 1.06 | 19 | 0.16 | 0.04 | 50 | dark orange | damp clay | | | | | | | | | | | | |
| NLS 346 | 0.002 | 2.6 | 0.32 | 19.4 | 0.86 | 11.2 | 0.13 | 0.01 | 23 | mid orange | damp clay | | | | | | | | | | | | |
| NLS 347 | 0.002 | 8.5 | 0.56 | 26.4 | 1.04 | 18.5 | 0.13 | 0.03 | 35 | mid orange | dry clay; bright orange | | | 1 | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NLS 348 | 0.002 | 4.9 | 0.42 | 14.1 | 0.87 | 15.1 | 0.09 | 0.02 | 23 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 349 | 0.002 | 2.1 | 0.31 | 14.5 | 0.78 | 10.3 | 0.11 | 0.01 | 20 | mid brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 350 | 0.002 | 3.7 | 0.45 | 26.6 | 0.72 | 16.6 | 0.12 | 0.02 | 32 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 351 | 0.002 | 8.5 | 0.38 | 18.7 | 0.75 | 15.5 | 0.17 | 0.02 | 30 | dark orange | damp clay; bright orange | | | 1 | | | | | | | | | | | |
| NLS 352 | 0.002 | 4.2 | 0.44 | 33.8 | 0.84 | 19.1 | 0.08 | 0.02 | 40 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 353 | 0.002 | 7.2 | 0.41 | 25 | 0.65 | 15.9 | 0.12 | 0.02 | 49 | mid orange | dry sand/clay | | | | | | | | | | | | | | |
| NLS 354 | 0.021 | 6.3 | 0.39 | 25.3 | 0.88 | 14.3 | 0.13 | 0.02 | 42 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 355 | 0.007 | 8.2 | 0.46 | 22.2 | 0.85 | 16.4 | 0.14 | 0.03 | 35 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 356 | 0.002 | 2 | 0.32 | 15.9 | 0.44 | 16.5 | 0.09 | 0.02 | 37 | mid brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 357 | 0.008 | 7.1 | 0.71 | 45.2 | 0.97 | 27.7 | 0.14 | 0.04 | 48 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 358 | 0.002 | 4.6 | 0.65 | 36.3 | 0.78 | 27.8 | 0.11 | 0.03 | 51 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 359 | 0.006 | 3 | 0.65 | 63.5 | 1.05 | 22.3 | 0.1 | 0.03 | 57 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 360 | 0.005 | 5 | 0.62 | 35.6 | 1 | 23.5 | 0.12 | 0.05 | 53 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 361 | 0.008 | 3 | 0.47 | 23.1 | 0.74 | 15.6 | 0.1 | 0.03 | 43 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 362 | 0.008 | 3.4 | 0.76 | 37.4 | 0.78 | 26.5 | 0.15 | 0.04 | 46 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 363 | 0.013 | 5.4 | 0.8 | 29.2 | 0.84 | 22.3 | 0.15 | 0.05 | 46 | dark orange | dry clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 364 | 0.022 | 5.9 | 0.57 | 25 | 1.11 | 23 | 0.2 | 0.08 | 31 | mid orange | dry sand/clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 365 | 0.012 | 2.4 | 0.64 | 14.7 | 0.65 | 16.4 | 0.19 | 0.06 | 29 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 366 | 0.019 | 6.5 | 0.63 | 18.9 | 1.06 | 18.2 | 0.21 | 0.06 | 34 | dark orange | damp sand/clay; bright orange | | | 1 | | | | 1 | | | | | | | |
| NLS 367 | 0.009 | 4.4 | 0.44 | 15.2 | 0.96 | 12.6 | 0.17 | 0.03 | 29 | dark orange | abundant quartz; dry clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 368 | 0.002 | 3.6 | 0.46 | 19.5 | 0.66 | 17.6 | 0.16 | 0.03 | 41 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 369 | 0.011 | 5.3 | 0.44 | 19.9 | 0.69 | 18.4 | 0.22 | 0.04 | 38 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 370 | 0.012 | 7.6 | 0.55 | 30 | 1.03 | 21.9 | 0.31 | 0.03 | 42 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 371 | 0.009 | 3.6 | 0.42 | 23.7 | 0.77 | 18.3 | 0.2 | 0.03 | 43 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 372 | 0.005 | 3.4 | 0.39 | 23.9 | 0.76 | 17.6 | 0.17 | 0.03 | 47 | dark orange | quartz;embankment;rounded ston | 1 | | | | | | | | | 1 | 1 | 1 | 1 | 1 |
| NLS 373 | 0.002 | 6.4 | 0.54 | 35 | 1.22 | 17.4 | 0.12 | 0.04 | 46 | dark orange | damp clay; very dark orange | | | | 1 | | | | | | | | | | |
| NLS 374 | 0.002 | 3.8 | 0.39 | 30.2 | 0.99 | 17.9 | 0.1 | 0.02 | 38 | dark brown | damp sand/clay | | | | | | | | | | | | | | |
| NLS 375 | 0.002 | 1.4 | 0.39 | 19.7 | 0.71 | 13.5 | 0.09 | 0.01 | 34 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 376 | 0.002 | 3 | 0.45 | 27.6 | 0.97 | 20.3 | 0.1 | 0.03 | 36 | dark orange | damp clay | | | | | | | | | | | | | | |
| NLS 377 | 0.005 | 2.5 | 0.48 | 23.3 | 0.79 | 16.1 | 0.08 | 0.02 | 31 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 378 | 0.002 | 1.8 | 0.3 | 14.9 | 0.67 | 12 | 0.11 | 0.02 | 29 | mid brown | dry clay | | | | | | | | | | | | | | |
| NLS 379 | 0.002 | 2 | 0.27 | 12.8 | 0.61 | 13.5 | 0.11 | 0.02 | 25 | mid brown | dry sand/clay | | | | | | | | | | | | | | |
| NLS 380 | 0.002 | 1.4 | 0.24 | 10.9 | 0.45 | 12.8 | 0.09 | 0.01 | 25 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 381 | 0.002 | 1.8 | 0.39 | 19.1 | 0.65 | 16.6 | 0.11 | 0.02 | 35 | dark orange | dry clay | | | | | | | | | | | | | | |
| NLS 382 | 0.005 | 1.5 | 0.21 | 8.4 | 0.93 | 11 | 0.08 | 0.01 | 38 | pale brown/grey | mica; saturated sand | | 1 | | | | | | | | | | | | |
| NLS 383 | 0.006 | 1 | 0.16 | 7.3 | 0.28 | 8.1 | 0.09 | 0.005 | 55 | grey/brown | mica; saturated sand | | 1 | | | | 1 | | | | | | | | |
| NLS 384 | 0.039 | 5.1 | 0.5 | 20.4 | 1.14 | 14.1 | 0.19 | 0.02 | 29 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 385 | 0.005 | 3.5 | 0.35 | 12.9 | 1.02 | 8.6 | 0.17 | 0.01 | 18 | mid brown | damp clay | | | | | | | | | | | | | | |
| NLS 386 | 0.005 | 3 | 0.33 | 8.2 | 0.87 | 9.3 | 0.16 | 0.01 | 27 | light brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 387 | 0.002 | 6.7 | 0.42 | 16.2 | 0.98 | 13 | 0.26 | 0.03 | 34 | mid brown | quartz; dry sand/clay | 1 | | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| NLS 388 | 0.005 | 2.6 | 0.25 | 12.1 | 0.53 | 10.7 | 0.13 | 0.005 | 37 | pale brown | quartz; damp sand | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 389 | 0.006 | 6.3 | 0.4 | 21.7 | 1.12 | 15.5 | 0.14 | 0.02 | 40 | mid brown | quartz; dry clay | 1 | | | | 1 | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 390 | 0.005 | 2.7 | 0.16 | 10.1 | 0.64 | 7.7 | 0.12 | 0.01 | 65 | dark brown | quartz; saturated sand | 1 | | | | | | | | 1 | 1 | 1 | 1 | | 1 |
| NLS 391 | 0.002 | 4.1 | 0.27 | 17.4 | 1.16 | 13.4 | 0.15 | 0.01 | 30 | mid orange | dry clay | | | | | | | | | | | | | | |
| NLS 392 | 0.009 | 4 | 0.34 | 12 | 1.23 | 10.3 | 0.11 | 0.02 | 18 | dark orange | damp clay | | | | | | | | | | | | | | |
| | | | | | | | | | | | | 78 | 37 | 15 | 4 | 25 | 19 | 11 | 1 | 74 | 78 | 77 | 78 | 38 | 62 |

# Appendix D
## Cradle Creek Project – Soil Sample Results

CRADLE CREEK PROJECT - SOIL SAMPLE RESULTS

Appendix 4

Sampling done March-April 2013; all values in ppm
Coloured cells represent element (anomalous) sub populations, in ascending order green-brown-yellow-orange

| | | | | | | | | | | | Minerals | | | | Gold - Mineral Pairs | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Au | As | Bi | Cu | Mo | Pb | Sb | Te | Zn | Description | Qtz | Mst | Silst | FeOx | Qtz-Au | Mst-Au | Silt-Au | FeOx-Au |
| CCS 001 | 0.002 | 1 | 0.16 | 8.7 | 0.3 | 5.8 | 0.13 | 0.01 | 7 | silty | | | | | | | | |
| CCS 002 | 0.002 | 3.1 | 0.28 | 11.2 | 0.53 | 8.8 | 0.39 | 0.03 | 13 | silty | | | | | | | | |
| CCS 003 | 0.002 | 3.2 | 0.3 | 18.3 | 0.49 | 13.4 | 0.62 | 0.02 | 18 | beige to orange mudstone fragments | | 1 | | | | | | |
| CCS 004 | 0.002 | 1.2 | 0.29 | 7.8 | 0.37 | 9.7 | 0.38 | 0.02 | 12 | silty with pink mudstone fragments | | 1 | | | | | | |
| CCS 005 | 0.002 | 1.5 | 0.3 | 10.6 | 0.56 | 9 | 0.63 | 0.03 | 8 | silty with pink mudstone fragments | | 1 | | | | | | |
| CCS 006 | 0.002 | 4.5 | 0.28 | 11.9 | 0.68 | 11.7 | 0.96 | 0.02 | 15 | silty with mudstone fragments | | 1 | | | | | | |
| CCS 007 | 0.002 | 0.6 | 0.29 | 6.4 | 0.41 | 8 | 0.31 | 0.02 | 4 | pinkish mudstone fragments | | 1 | | | | | | |
| CCS 008 | 0.002 | 4 | 0.37 | 17.5 | 0.71 | 13.5 | 0.64 | 0.03 | 12 | silty soil | | | | | | | | |
| CCS 009 | 0.002 | 7.4 | 0.47 | 17.8 | 0.58 | 13.8 | 0.64 | 0.04 | 26 | silty soil | | | | | | | | |
| CCS 010 | 0.002 | 12.4 | 0.29 | 14 | 3.5 | 13.4 | 0.89 | 0.02 | 15 | silty soil | | | | | | | | |
| CCS 011 | 0.002 | 4.4 | 0.24 | 9.1 | 0.29 | 11.1 | 0.65 | 0.02 | 9 | mudstone fragments | | 1 | | | | | | |
| CCS 012 | 0.002 | 4.2 | 0.09 | 26.5 | 1.39 | 8.7 | 0.62 | 0.01 | 10 | siltstone fragments | | | 1 | | | | | |
| CCS 013 | 0.002 | 4.9 | 0.21 | 10.5 | 0.37 | 6.8 | 0.54 | 0.02 | 7 | siltstone fragments | | | 1 | | | | | |
| CCS 014 | 0.002 | 4.3 | 0.18 | 8.2 | 0.32 | 6.2 | 0.43 | 0.02 | 10 | siltstone fragments | | | 1 | | | | | |
| CCS 015 | 0.002 | 3.1 | 0.17 | 10.4 | 0.48 | 6.4 | 0.42 | 0.01 | 10 | siltstone fragments | | | 1 | | | | | |
| CCS 016 | 0.002 | 0.8 | 0.25 | 9.1 | 0.37 | 10.6 | 0.33 | 0.02 | 10 | siltstone fragments | | | 1 | | | | | |
| CCS 017 | 0.002 | 0.7 | 0.34 | 9.4 | 0.43 | 8.7 | 0.3 | 0.02 | 11 | siltstone fragments | | | 1 | | | | | |
| CCS 018 | 0.002 | 0.6 | 0.27 | 9.7 | 0.23 | 6 | 0.25 | 0.01 | 10 | silty | | | | | | | | |
| CCS 019 | 0.002 | 0.8 | 0.25 | 14.8 | 0.42 | 6.1 | 0.24 | 0.01 | 12 | minor siltstone fragments | | | 1 | | | | | |
| CCS 020 | 0.002 | 0.7 | 0.25 | 14.6 | 0.36 | 7.7 | 0.36 | 0.01 | 17 | few siltstone fragments | | | 1 | | | | | |
| CCS 021 | 0.002 | 2.2 | 0.21 | 12.9 | 0.55 | 7.8 | 0.48 | 0.02 | 12 | minor siltstone fragments | | | 1 | | | | | |
| CCS 022 | 0.002 | 6.6 | 0.24 | 11.5 | 0.79 | 9.9 | 0.53 | 0.01 | 14 | minor siltstone fragments | | | 1 | | | | | |
| CCS 023 | 0.002 | 6.8 | 0.24 | 11 | 0.34 | 11 | 0.7 | 0.02 | 17 | pinkish siltstone fragments | | | 1 | | | | | |
| CCS 024 | 0.002 | 5.4 | 0.27 | 12.4 | 0.39 | 12.9 | 0.72 | 0.02 | 13 | pink/grey mudstone fragments | | 1 | | | | | | |
| CCS 025 | 0.002 | 5 | 0.18 | 8 | 2.03 | 10.6 | 2.01 | 0.02 | 11 | silty with grey to orange rock chips | | | | 1 | | | | |
| CCS 026 | 0.002 | 1 | 0.16 | 9.6 | 0.33 | 8.6 | 0.32 | 0.01 | 9 | silty with grey to orange rock chips | | | | 1 | | | | |
| CCS 027 | 0.002 | 1.8 | 0.09 | 8.5 | 0.42 | 6.2 | 0.3 | 0.005 | 5 | silty with grey to orange rock chips | | | | 1 | | | | |
| CCS 028 | 0.002 | 10.5 | 0.2 | 8.2 | 0.53 | 7.8 | 0.68 | 0.01 | 6 | yellow to grey to orange rock chips | | | | 1 | | | | |
| CCS 029 | 0.002 | 7.5 | 0.24 | 12.1 | 0.55 | 9.4 | 1.04 | 0.01 | 15 | grey to orange-brown siltstone frags | | | 1 | | | | | |
| CCS 030 | 0.002 | 14.5 | 0.32 | 14.1 | 0.97 | 10 | 0.8 | 0.02 | 14 | siltstone fragments | | | 1 | | | | | |
| CCS 031 | 0.002 | 10.5 | 0.36 | 24.8 | 1.06 | 13 | 0.46 | 0.03 | 29 | siltstone fragments | | | 1 | | | | | |
| CCS 032 | 0.002 | 0.6 | 0.26 | 14.9 | 0.11 | 7.2 | 0.37 | 0.01 | 37 | grey siltstone fragments | | | 1 | | | | | |
| CCS 033 | 0.002 | 0.4 | 0.2 | 7.5 | 0.45 | 6.9 | 0.21 | 0.01 | 7 | pinkish/grey rock chips | | | 1 | | | | | |
| CCS 034 | 0.002 | 10.4 | 0.46 | 13.2 | 1.36 | 14.4 | 1.06 | 0.03 | 21 | orange rock chips | | | | 1 | | | | |
| CCS 035 | 0.002 | 0.9 | 0.35 | 7.3 | 0.34 | 7 | 0.32 | 0.05 | 7 | orange brown rock chips | | | | 1 | | | | |
| CCS 036 | 0.002 | 0.6 | 0.39 | 11.9 | 0.2 | 8.9 | 0.23 | 0.01 | 6 | pink grey mudstone chips | | 1 | | | | | | |
| CCS 037 | 0.002 | 1.1 | 0.36 | 9.6 | 0.34 | 10.3 | 0.31 | 0.03 | 7 | orange siltstone chips | | | | 1 | | | | |
| CCS 038 | 0.002 | 1.1 | 0.33 | 12.1 | 0.38 | 11.6 | 0.25 | 0.03 | 13 | orange siltstone chips | | | | 1 | | | | |
| CCS 039 | 0.002 | 0.6 | 0.32 | 7.9 | 0.33 | 9.4 | 0.42 | 0.01 | 6 | pink grey siltstone fragments | | | 1 | | | | | |
| CCS 040 | 0.002 | 0.7 | 0.34 | 10.8 | 0.33 | 7.9 | 0.33 | 0.01 | 8 | orange siltstone frags | | | | 1 | | | | |
| CCS 041 | 0.002 | 0.3 | 0.22 | 7.4 | 0.19 | 6.7 | 0.25 | 0.005 | 8 | orange siltstone frags | | | | 1 | | | | |
| CCS 042 | 0.002 | 0.8 | 0.37 | 8.8 | 0.49 | 10.4 | 0.36 | 0.02 | 8 | silty with siltstone frags | | | 1 | | | | | |
| CCS 043 | 0.002 | 1 | 0.39 | 16.2 | 0.39 | 11.5 | 0.44 | 0.02 | 13 | silty | | | | | | | | |
| CCS 044 | 0.002 | 0.8 | 0.38 | 8.4 | 0.42 | 10 | 0.23 | 0.02 | 10 | orange brown rock chips | | | | 1 | | | | |
| CCS 045 | 0.002 | 1.7 | 0.51 | 16.1 | 0.58 | 17 | 0.26 | 0.02 | 15 | grey siltstone fragments | | | 1 | | | | | |
| CCS 046 | 0.002 | 0.7 | 0.36 | 9.5 | 0.32 | 12.1 | 0.35 | 0.02 | 7 | orange brown rock chips | | | | 1 | | | | |
| CCS 047 | 0.002 | 1 | 0.37 | 14.1 | 0.28 | 10.6 | 0.24 | 0.02 | 19 | silty | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCS 048 | 0.002 | 1.5 | 0.8 | 10.4 | 0.79 | 14.1 | 0.26 | 0.03 | 4 | silty;quartz present | 1 | | | | | |
| CCS 049 | 0.002 | 1.3 | 0.19 | 7.3 | 0.34 | 7.4 | 0.39 | 0.005 | 20 | abundant light brown siltstone chips | | 1 | | | | |
| CCS 050 | 0.002 | 1.1 | 0.49 | 14.3 | 0.34 | 15.3 | 0.27 | 0.04 | 13 | silty soil | | | | | | |
| CCS 051 | 0.002 | 1.3 | 0.21 | 9.4 | 0.33 | 9 | 0.34 | 0.01 | 17 | silty soil | | | | | | |
| CCS 052 | 0.002 | 3.2 | 0.3 | 13.8 | 0.39 | 13 | 0.63 | 0.02 | 20 | siltstone fragments | | 1 | | | | |
| CCS 053 | 0.002 | 1.9 | 0.19 | 6.7 | 0.27 | 6.5 | 0.21 | 0.01 | 21 | some quartz present | 1 | | | | | |
| CCS 054 | 0.002 | 2.2 | 0.28 | 7.7 | 0.31 | 8.2 | 0.23 | 0.01 | 16 | silty soil | | | | | | |
| CCS 055 | 0.002 | 5.6 | 0.13 | 5.7 | 0.32 | 6.5 | 0.24 | 0.005 | 8 | minor quartz | 1 | | | | | |
| CCS 056 | 0.002 | 7.9 | 0.15 | 5.7 | 0.38 | 7.6 | 0.25 | 0.005 | 6 | minor quartz | 1 | | | | | |
| CCS 057 | 0.002 | 0.9 | 0.04 | 13.8 | 0.65 | 2.5 | 0.17 | 0.005 | 2 | silty | | | | | | |
| CCS 058 | 0.007 | 1.7 | 0.08 | 7.7 | 0.4 | 6.9 | 0.17 | 0.005 | 6 | minor quartz | 1 | | | 1 | | |
| CCS 059 | 0.007 | 5 | 0.14 | 7.3 | 0.28 | 6.3 | 0.28 | 0.01 | 7 | fawn siltstone frags | | 1 | | | 1 | |
| CCS 060 | 0.002 | 1.7 | 0.06 | 8.7 | 0.54 | 4.7 | 0.18 | 0.005 | 3 | some quartz present | 1 | | | | | |
| CCS 061 | 0.006 | 1.1 | 0.06 | 6 | 0.15 | 2.4 | 0.09 | 0.005 | 4 | some quartz present | 1 | | | 1 | | |
| CCS 062 | 0.002 | 1.9 | 0.1 | 5.9 | 0.29 | 5.9 | 0.17 | 0.005 | 7 | orange siltstone frags | | | 1 | | | |
| CCS 063 | 0.002 | 1.7 | 0.15 | 10.1 | 0.34 | 7 | 0.28 | 0.005 | 13 | orange siltstone frags | | | 1 | | | |
| CCS 064 | 0.002 | 2.2 | 0.17 | 8.2 | 0.23 | 6.4 | 0.19 | 0.01 | 16 | orange siltstone frags | | | 1 | | | |
| CCS 065 | 0.02 | 1.2 | 0.17 | 5.5 | 0.64 | 5.2 | 0.23 | 0.01 | 7 | orange siltstone frags | | | 1 | | | 1 |
| CCS 066 | 0.002 | 3.7 | 0.21 | 13 | 0.4 | 9.2 | 0.33 | 0.01 | 13 | yellow siltstone rock chips | | 1 | | | | |
| CCS 067 | 0.002 | 1.2 | 0.29 | 12 | 0.34 | 9.6 | 0.4 | 0.01 | 9 | pink siltstone fragments | | 1 | | | | |
| CCS 068 | 0.002 | 1.8 | 0.33 | 11.8 | 0.37 | 11.9 | 0.37 | 0.01 | 9 | silty | | | | | | |
| CCS 069 | 0.002 | 3.1 | 0.3 | 12.2 | 0.41 | 9.6 | 0.52 | 0.01 | 11 | silty clay | | | | | | |
| CCS 070 | 0.002 | 2.8 | 0.19 | 9.3 | 0.43 | 9.6 | 0.31 | 0.01 | 9 | silty clay | | | | | | |
| CCS 071 | 0.002 | 4.3 | 0.17 | 8.8 | 0.5 | 11.2 | 0.4 | 0.02 | 11 | orange fragments | | | 1 | | | |
| CCS 072 | 0.01 | 4.8 | 0.22 | 7 | 0.6 | 9.8 | 0.42 | 0.02 | 9 | orange fragments | | | 1 | | | 1 |
| CCS 073 | 0.011 | 4.9 | 0.18 | 5.1 | 0.28 | 6.8 | 0.25 | 0.03 | 7 | minor grey siltstone frags | | 1 | | | 1 | |
| CCS 074 | 0.015 | 9.5 | 0.24 | 7.1 | 0.38 | 6.2 | 0.29 | 0.04 | 5 | silty | | | | | | |
| CCS 075 | 0.002 | 3.9 | 0.23 | 8.4 | 0.52 | 7.1 | 0.32 | 0.03 | 8 | silty | | | | | | |
| CCS 076 | 0.07 | 8.2 | 0.56 | 12.1 | 1.03 | 9.6 | 0.51 | 0.09 | 9 | silty | | | | | | |
| CCS 077 | 0.007 | 5.8 | 0.29 | 10.9 | 0.59 | 10 | 0.82 | 0.03 | 13 | grey/fawn banded siltstone frags | | 1 | | | 1 | |
| CCS 078 | 0.02 | 1.7 | 0.31 | 6.3 | 0.41 | 6.7 | 0.29 | 0.03 | 9 | pink siltstone frags | | 1 | | | 1 | |
| CCS 079 | 0.005 | 2 | 0.37 | 10.6 | 0.43 | 9.6 | 0.39 | 0.03 | 13 | siltstone fragments | | 1 | | | 1 | |
| CCS 080 | 0.002 | 1.3 | 0.38 | 11.7 | 0.55 | 11.1 | 0.38 | 0.02 | 17 | grey to orange-brown siltstone frags | | 1 | | | | |
| CCS 081 | 0.002 | 1.1 | 0.44 | 6.6 | 1.32 | 8.5 | 0.41 | 0.03 | 10 | minor orange fragments | | | 1 | | | |
| CCS 082 | 0.002 | 4 | 0.42 | 16.4 | 5.8 | 16.3 | 0.98 | 0.05 | 9 | minor orange fragments | | | 1 | | | |
| CCS 083 | 0.002 | 2 | 0.12 | 6.4 | 0.31 | 6.8 | 0.25 | 0.01 | 8 | grey siltstone frags | | 1 | | | | |
| CCS 084 | 0.002 | 3.6 | 0.19 | 5.4 | 1.46 | 8.5 | 0.35 | 0.01 | 8 | grey siltstone frags | | 1 | | | | |
| CCS 085 | 0.011 | 3.2 | 0.18 | 7.9 | 0.75 | 8.7 | 0.42 | 0.02 | 8 | grey siltstone frags | | 1 | | | 1 | |
| CCS 086 | 0.002 | 5.1 | 0.16 | 4.5 | 0.74 | 9.9 | 0.54 | 0.02 | 6 | grey siltstone frags | | 1 | | | | |
| CCS 087 | 0.002 | 2.8 | 0.18 | 7 | 0.47 | 7.5 | 0.64 | 0.01 | 8 | orange brown rock chips | | | 1 | | | |
| CCS 088 | 0.002 | 3.4 | 0.17 | 7.6 | 0.37 | 7.8 | 0.33 | 0.01 | 9 | orange brown rock chips | | | 1 | | | |
| CCS 089 | 0.006 | 3.1 | 0.27 | 16.9 | 0.52 | 6.9 | 0.53 | 0.02 | 11 | orange brown rock chips | | | 1 | | | 1 |
| CCS 090 | 0.002 | 2.6 | 0.17 | 5.5 | 0.43 | 6.9 | 0.51 | 0.01 | 9 | orange brown rock chips | | | 1 | | | |
| CCS 091 | 0.002 | 6.5 | 0.4 | 21.7 | 0.56 | 15.9 | 0.69 | 0.04 | 22 | dry clay adundant frags | | | | | | |
| CCS 092 | 0.002 | 1.6 | 0.24 | 13.2 | 0.38 | 12.5 | 0.38 | 0.02 | 26 | fawn siltstone frags | | 1 | | | | |
| CCS 093 | 0.002 | 1.1 | 0.17 | 6 | 0.23 | 6.5 | 0.35 | 0.01 | 19 | few siltstone fragments | | 1 | | | | |
| CCS 094 | 0.002 | 3.1 | 0.3 | 12.9 | 0.28 | 16.4 | 0.66 | 0.02 | 21 | pink siltstone fragments | | 1 | | | | |
| CCS 095 | 0.002 | 2.7 | 0.3 | 12.7 | 0.38 | 11.9 | 0.69 | 0.02 | 21 | fawn siltstone frags | | 1 | | | | |
| CCS 096 | 0.002 | 1.7 | 0.2 | 8 | 0.26 | 8.3 | 0.4 | 0.01 | 12 | fawn siltstone frags | | 1 | | | | |
| CCS 097 | 0.002 | 1.1 | 0.1 | 4.6 | 0.23 | 5.2 | 0.15 | 0.01 | 4 | silty | | | | | | |
| CCS 098 | 0.002 | 2.8 | 0.18 | 7.3 | 0.34 | 6.7 | 0.24 | 0.02 | 7 | quartz present | 1 | | | | | |
| CCS 099 | 0.011 | 6.3 | 0.14 | 2 | 0.37 | 9.3 | 0.25 | 0.01 | 3 | silty clay | | | | | | |
| CCS 100 | 0.017 | 3.6 | 0.09 | 5.9 | 0.36 | 7.7 | 0.2 | 0.01 | 2 | silty clay | | | | | | |
| CCS 101 | 0.206 | 3.9 | 0.12 | 6.7 | 0.51 | 13.6 | 0.38 | 0.01 | 2 | silty clay | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCS 102 | 0.002 | 5.5 | 0.12 | 3.2 | 0.5 | 10.7 | 0.32 | 0.02 | 4 | silty clay | | | | |
| CCS 103 | 0.002 | 1.3 | 0.06 | 4.2 | 0.25 | 4.4 | 0.14 | 0.005 | 2 | quartz present; silty | 1 | | | |
| CCS 104 | 0.002 | 1.9 | 0.09 | 7.4 | 0.51 | 5.2 | 0.2 | 0.01 | 2 | quartz present; silty | 1 | | | |
| CCS 105 | 0.002 | 1.4 | 0.09 | 5.8 | 0.46 | 5.9 | 0.19 | 0.01 | 5 | quartz present; silty | 1 | | | |
| CCS 106 | 0.002 | 1.9 | 0.09 | 3.5 | 0.25 | 4.2 | 0.16 | 0.01 | 4 | quartz present; silty | 1 | | | |
| CCS 107 | 0.011 | 1.2 | 0.04 | 6.4 | 0.3 | 2.7 | 0.13 | 0.005 | 3 | quartz present; silty | 1 | | 1 | |
| CCS 108 | 0.01 | 7.6 | 0.09 | 6.4 | 0.51 | 16.8 | 0.36 | 0.01 | 4 | siltstone fragments | | 1 | | 1 |
| CCS 109 | 0.002 | 0.9 | 0.08 | 10.4 | 0.74 | 7.2 | 0.22 | 0.005 | 9 | silty clay | | | | |
| CCS 110 | 0.002 | 2.6 | 0.14 | 4.6 | 1.47 | 12.8 | 0.95 | 0.04 | 5 | silty clay | | | | |
| CCS 111 | 0.002 | 0.5 | 0.32 | 5.8 | 0.24 | 8.6 | 0.23 | 0.01 | 19 | silty clay | | | | |
| CCS 112 | 0.002 | 2.4 | 0.29 | 11 | 0.43 | 10.7 | 0.43 | 0.02 | 16 | silty clay | | | | |
| CCS 113 | 0.002 | 0.6 | 0.2 | 14.6 | 0.3 | 6.2 | 0.21 | 0.01 | 5 | siltstone fragments | | 1 | | |
| CCS 114 | 0.002 | 2.3 | 0.18 | 4.3 | 0.2 | 4.7 | 0.25 | 0.01 | 4 | siltstone fragments | | 1 | | |
| CCS 115 | 0.12 | 10.8 | 0.21 | 6.8 | 0.35 | 5.9 | 0.29 | 0.03 | 6 | siltstone fragments | | 1 | | 1 |
| CCS 116 | 0.005 | 8.9 | 0.3 | 10.5 | 1.01 | 7.2 | 0.46 | 0.02 | 8 | siltstone fragments | | 1 | | 1 |
| CCS 117 | 0.006 | 11.6 | 0.31 | 9 | 1.05 | 6.7 | 0.4 | 0.02 | 8 | siltstone fragments | | 1 | | 1 |
| CCS 118 | 0.028 | 9.2 | 0.46 | 13.7 | 0.71 | 9.1 | 0.46 | 0.03 | 14 | siltstone fragments | | 1 | | 1 |
| CCS 119 | 0.82 | 0.9 | 0.34 | 15.1 | 0.39 | 9.2 | 0.33 | 0.03 | 11 | grey to red silty clay | | | | |
| CCS 120 | 0.012 | 0.7 | 0.35 | 9.2 | 0.27 | 11.7 | 0.39 | 0.03 | 10 | siltstone fragments | | 1 | | 1 |
| CCS 121 | 0.018 | 1.5 | 0.35 | 12.1 | 0.39 | 10.8 | 0.5 | 0.04 | 10 | siltstone fragments | | 1 | | 1 |
| CCS 122 | 0.034 | 2.6 | 0.59 | 19.3 | 1.6 | 16.3 | 0.61 | 0.05 | 15 | silty clay; disturbed ground? | | | | |
| CCS 123 | 0.002 | 1.4 | 0.29 | 7.7 | 0.21 | 9.5 | 0.31 | 0.02 | 11 | silty soil | | | | |
| CCS 124 | 0.002 | 2.9 | 0.32 | 10.2 | 1.53 | 7.2 | 0.34 | 0.02 | 11 | silty soil | | | | |
| CCS 125 | 0.002 | 2.2 | 0.2 | 9.1 | 1.14 | 6.3 | 0.28 | 0.01 | 11 | quartz; silty | 1 | | | |
| CCS 126 | 0.013 | 1.5 | 0.09 | 5.5 | 0.33 | 3.6 | 0.19 | 0.005 | 5 | quartz;clayey soil | 1 | | 1 | |
| CCS 127 | 0.002 | 1 | 0.04 | 18.6 | 0.64 | 2.1 | 0.12 | 0.01 | 40 | sandy soil | | | | |
| CCS 128 | 0.002 | 0.7 | 0.09 | 16.2 | 1.04 | 2.3 | 0.27 | 0.005 | 6 | silty soil | | | | |
| CCS 129 | 0.009 | 2.8 | 0.23 | 10.9 | 0.34 | 5.7 | 0.28 | 0.01 | 11 | silty clay | | | | |
| CCS 130 | 0.002 | 7.4 | 0.29 | 9 | 0.62 | 9.5 | 0.64 | 0.03 | 13 | Line 4; silty soil | | | | |
| CCS 131 | 0.002 | 17.9 | 0.3 | 14.6 | 1.54 | 11.3 | 1.08 | 0.03 | 15 | silty soil | | | | |
| CCS 132 | 0.002 | 5.8 | 0.11 | 5.1 | 0.24 | 4.8 | 0.28 | 0.01 | 9 | silty soil | | | | |
| CCS 133 | 0.002 | 1.9 | 0.14 | 6.2 | 0.24 | 5.6 | 0.27 | 0.01 | 7 | silty soil | | | | |
| CCS 134 | 0.002 | 5.9 | 0.16 | 5.9 | 0.55 | 10.3 | 0.42 | 0.02 | 7 | silty soil | | | | |
| CCS 135 | 0.002 | 11.4 | 0.18 | 5.8 | 0.8 | 7.6 | 0.52 | 0.01 | 6 | silty clay | | | | |
| CCS 136 | 0.002 | 9.9 | 0.16 | 9 | 5.74 | 5.7 | 0.45 | 0.02 | 10 | silty soil | | | | |
| CCS 137 | 0.002 | 76.9 | 0.24 | 13.1 | 0.95 | 8.4 | 0.9 | 0.02 | 4 | quartz fragments; silty clay | 1 | | | |
| CCS 138 | 0.002 | 29.6 | 0.22 | 9.7 | 0.4 | 7.2 | 0.83 | 0.02 | 9 | minor quartz;silty clay | 1 | | | |
| CCS 139 | 0.002 | 1.9 | 0.32 | 10.2 | 0.24 | 11.1 | 0.66 | 0.03 | 8 | silty soil | | | | |
| CCS 140 | 0.002 | 0.8 | 0.29 | 8.9 | 0.22 | 9.5 | 0.5 | 0.02 | 8 | minor quartz;silty clay | 1 | | | |
| CCS 141 | 0.002 | 1.1 | 0.31 | 9.7 | 0.33 | 14.3 | 0.46 | 0.02 | 10 | silty clay | | | | |
| CCS 142 | 0.002 | 3.8 | 0.34 | 10.7 | 0.41 | 7.3 | 0.8 | 0.02 | 15 | silty clay | | | | |
| CCS 143 | 0.002 | 5.8 | 0.38 | 18.2 | 0.69 | 13.3 | 1.4 | 0.03 | 19 | silty clay | | | | |
| CCS 144 | 0.002 | 3 | 0.19 | 5.6 | 0.24 | 6.8 | 0.32 | 0.005 | 10 | silty clay | | | | |
| CCS 145 | 0.002 | 4.7 | 0.17 | 7.6 | 0.43 | 6.9 | 0.25 | 0.01 | 6 | silty clay | | | | |
| CCS 146 | 0.002 | 2.7 | 0.22 | 9.2 | 2.27 | 14 | 0.85 | 0.02 | 3 | silty clay | | | | |
| CCS 147 | 0.002 | 2.3 | 0.23 | 7.9 | 0.24 | 6.6 | 0.27 | 0.01 | 15 | silty soil | | | | |
| CCS 148 | 0.002 | 0.9 | 0.19 | 8.6 | 0.17 | 5.7 | 0.29 | 0.01 | 10 | silty soil | | | | |
| CCS 149 | 0.002 | 4.6 | 0.18 | 10.2 | 1 | 9.9 | 0.48 | 0.01 | 3 | silty clay | | | | |
| CCS 150 | 0.002 | 4.3 | 0.31 | 11 | 0.19 | 9.2 | 0.46 | 0.02 | 14 | silty clay | | | | |
| CCS 151 | 0.002 | 2.9 | 0.12 | 5.5 | 0.22 | 8.8 | 0.29 | 0.01 | 5 | silty clay | | | | |
| CCS 152 | 0.002 | 5 | 0.08 | 6.7 | 0.54 | 6.2 | 0.32 | 0.01 | 2 | silty soil | | | | |
| CCS 153 | 0.009 | 11.2 | 0.1 | 2.7 | 0.27 | 4.6 | 0.28 | 0.01 | 5 | silty soil | | | | |
| CCS 154 | 0.002 | 1.8 | 0.05 | 5.9 | 0.34 | 6.1 | 0.19 | 0.005 | 3 | siltstone fragments | | 1 | | |
| CCS 155 | 0.009 | 9 | 0.18 | 4.8 | 0.19 | 7 | 0.22 | 0.02 | 6 | quartz fragments; silty clay | 1 | | 1 | |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCS 156 | 0.03 | 4.7 | 0.16 | 6.5 | 0.37 | 11.8 | 0.3 | 0.01 | 5 | siltstone fragments | | | 1 | | 1 |
| CCS 157 | 0.002 | 4.8 | 0.2 | 9.9 | 0.25 | 8.4 | 0.32 | 0.02 | 11 | siltstone fragments | | | 1 | | |
| CCS 158 | 0.009 | 5.7 | 0.19 | 11.4 | 0.46 | 7.8 | 0.4 | 0.02 | 19 | quartz fragments; silty clay | 1 | | | 1 | |
| CCS 159 | 0.002 | 8.4 | 0.4 | 19.7 | 0.53 | 23.8 | 0.96 | 0.04 | 21 | silty soil | | | | | |
| CCS 160 | 0.002 | 5.3 | 0.41 | 16 | 0.51 | 17 | 0.86 | 0.03 | 29 | silty soil | | | | | |
| CCS 161 | 0.006 | 4.2 | 0.34 | 17.4 | 0.35 | 16.1 | 0.72 | 0.02 | 18 | silty soil | | | | | |
| CCS 162 | 0.002 | 2.3 | 0.34 | 12.1 | 0.33 | 13 | 0.81 | 0.03 | 15 | siltstone fragments | | | 1 | | |
| CCS 163 | 0.002 | 3.4 | 0.35 | 17.2 | 0.23 | 18.3 | 0.92 | 0.02 | 18 | siltstone fragments | | | 1 | | |
| CCS 164 | 0.002 | 7.2 | 0.33 | 18.2 | 0.86 | 8.6 | 0.78 | 0.02 | 16 | silty clay | | | | | |
| CCS 165 | 0.002 | 5 | 0.35 | 13 | 0.31 | 9.3 | 0.68 | 0.02 | 15 | siltstone fragments | | | 1 | | |
| CCS 166 | 0.002 | 2.3 | 0.28 | 10.1 | 0.36 | 8.1 | 0.53 | 0.01 | 16 | silty soil | | | | | |
| CCS 167 | 0.002 | 0.9 | 0.12 | 4.3 | 0.19 | 4.6 | 0.19 | 0.01 | 9 | silty soil | | | | | |
| CCS 168 | 0.002 | 1 | 0.06 | 6.4 | 0.47 | 2.6 | 0.1 | 0.01 | 3 | silty soil | | | | | |
| CCS 169 | 0.002 | 0.7 | 0.06 | 3.9 | 0.29 | 3.8 | 0.08 | 0.005 | 2 | silty soil | | | | | |
| CCS 170 | 0.002 | 7.2 | 0.18 | 2.9 | 0.82 | 9.7 | 0.24 | 0.01 | 3 | quartz fragments; silty clay | 1 | | | | |
| CCS 171 | 0.008 | 1.8 | 0.1 | 3.4 | 0.43 | 7.1 | 0.14 | 0.005 | 3 | silty soil | | | | | |
| CCS 172 | 0.016 | 1.8 | 0.1 | 6.2 | 0.43 | 7.4 | 0.18 | 0.005 | 3 | quartz fragments; silty soil | 1 | | | 1 | |
| CCS 173 | 0.035 | 8.2 | 0.2 | 4.8 | 0.48 | 9.8 | 0.4 | 0.02 | 3 | silty soil | | | | | |
| CCS 174 | 0.127 | 0.6 | 0.06 | 4.9 | 0.32 | 3.1 | 0.12 | 0.005 | 2 | silty soil | | | | | |
| CCS 175 | 0.009 | 3.3 | 0.21 | 4 | 0.54 | 6 | 0.24 | 0.02 | 5 | silty clay | | | | | |
| CCS 176 | 0.012 | 0.9 | 0.14 | 4.6 | 0.38 | 5.2 | 0.2 | 0.005 | 7 | silty soil | | | | | |
| CCS 177 | 0.002 | 0.5 | 0.08 | 3.7 | 0.26 | 3.1 | 0.09 | 0.005 | 4 | sandy silt | | | | | |
| CCS 178 | 0.002 | 3.1 | 0.08 | 8.5 | 0.38 | 5.9 | 0.17 | 0.01 | 5 | silty soil | | | | | |
| CCS 179 | 0.002 | 2.2 | 0.08 | 3.3 | 0.19 | 7.4 | 0.12 | 0.005 | 4 | quartz fragments; silty soil | 1 | | | | |
| CCS 180 | 0.002 | 1.3 | 0.09 | 7.7 | 0.37 | 6.3 | 0.19 | 0.005 | 8 | silty soil | | | | | |
| CCS 181 | 0.002 | 4.4 | 0.34 | 8.2 | 0.34 | 9.2 | 0.77 | 0.03 | 13 | silty soil | | | | | |
| CCS 182 | 0.002 | 4.3 | 0.37 | 13.1 | 0.43 | 7.8 | 0.61 | 0.01 | 23 | silty clay | | | | | |
| CCS 183 | 0.002 | 1.8 | 0.3 | 10.7 | 0.3 | 6.6 | 0.38 | 0.01 | 18 | silty clay | | | | | |
| CCS 184 | 0.005 | 6.6 | 0.23 | 7.2 | 0.44 | 6.1 | 0.35 | 0.03 | 11 | silty soil | | | | | |
| CCS 185 | 0.002 | 3.1 | 0.1 | 8.4 | 0.33 | 4.7 | 0.21 | 0.01 | 7 | sandy clay | | | | | |
| CCS 186 | 0.002 | 1.1 | 0.18 | 6.9 | 0.54 | 6.4 | 0.21 | 0.005 | 8 | quartz fragments; silty soil | 1 | | | | |
| CCS 187 | 0.002 | 0.6 | 0.3 | 5.6 | 0.19 | 5.6 | 0.24 | 0.02 | 20 | silty soil | | | | | |
| CCS 188 | 0.007 | 0.6 | 0.22 | 10.5 | 0.45 | 5 | 0.18 | 0.01 | 16 | silty soil | | | | | |
| CCS 189 | 0.014 | 0.6 | 0.31 | 12.1 | 0.39 | 8.2 | 0.22 | 0.01 | 13 | silty clay | | | | | |
| CCS 190 | 0.008 | 0.5 | 0.35 | 10 | 0.27 | 7.1 | 0.2 | 0.01 | 14 | minor quartz; silty soil | 1 | | | 1 | |
| CCS 191 | 0.052 | 1.2 | 0.36 | 16.4 | 0.59 | 9.7 | 0.34 | 0.01 | 18 | silty soil | | | | | |
| CCS 192 | 0.002 | 0.8 | 0.21 | 6.7 | 0.3 | 9.7 | 0.29 | 0.01 | 15 | silty soil | | | | | |
| CCS 193 | 0.002 | 3.2 | 0.23 | 7.5 | 1 | 8 | 0.33 | 0.005 | 12 | minor quartz; silty soil | 1 | | | | |
| CCS 194 | 0.005 | 1.4 | 0.17 | 8.1 | 0.43 | 6 | 0.25 | 0.01 | 8 | silty soil | | | | | |
| CCS 195 | 0.009 | 3.8 | 0.24 | 9.8 | 0.4 | 5.5 | 0.37 | 0.01 | 8 | silty soil | | | | | |
| CCS 196 | 0.028 | 4.7 | 0.24 | 15.7 | 0.59 | 6 | 0.59 | 0.03 | 11 | silty soil | | | | | |
| CCS 197 | 0.002 | 9 | 0.3 | 13.9 | 0.6 | 6.7 | 0.93 | 0.01 | 14 | silty soil | | | | | |
| CCS 198 | 0.002 | 0.9 | 0.37 | 26.5 | 0.53 | 9.6 | 0.45 | 0.02 | 28 | silty soil | | | | | |
| CCS 199 | 0.002 | 0.5 | 0.33 | 12.4 | 0.24 | 9 | 0.4 | 0.02 | 14 | silty soil | | | | | |
| CCS 200 | 0.002 | 0.3 | 0.29 | 7.8 | 0.23 | 6.9 | 0.34 | 0.01 | 8 | silty soil | | | | | |
| CCS 201 | 0.002 | 0.3 | 0.23 | 7.9 | 0.14 | 6.5 | 0.22 | 0.01 | 11 | silty soil minor rock chips | | | 1 | | |
| CCS 202 | 0.002 | 0.5 | 0.37 | 17.3 | 0.27 | 8.9 | 0.36 | 0.01 | 21 | silty soil ; siltstone fragments | | | 1 | | |
| CCS 203 | 0.002 | 0.4 | 0.36 | 17.7 | 0.82 | 8.2 | 0.42 | 0.01 | 14 | silty soil | | | | | |
| CCS 204 | 0.002 | 1.3 | 0.43 | 17.5 | 0.41 | 9.5 | 0.33 | 0.02 | 15 | silty soil | | | | | |
| CCS 205 | 0.002 | 0.9 | 0.37 | 9.9 | 0.24 | 8.8 | 0.32 | 0.01 | 20 | silty soil | | | | | |
| CCS 206 | 0.002 | 0.6 | 0.29 | 11.5 | 0.21 | 9.4 | 0.26 | 0.01 | 14 | silty soil | | | | | |
| CCS 207 | 0.002 | 4.2 | 0.37 | 16.4 | 0.45 | 10.5 | 0.36 | 0.04 | 23 | minor quartz; silty soil;mudstone frags | 1 | 1 | | | |
| CCS 208 | 0.002 | 7.2 | 0.33 | 15.4 | 21.3 | 10.2 | 0.39 | 0.02 | 22 | silty soil | | | | | |
| CCS 209 | 0.002 | 1.7 | 0.31 | 13.9 | 0.29 | 8.7 | 0.34 | 0.01 | 21 | silty soil | | | | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCS 210 | 0.002 | 1.4 | 0.28 | 15.4 | 0.34 | 8.6 | 0.32 | 0.02 | 19 | silty soil | | | | | | | |
| CCS 211 | 0.002 | 0.2 | 0.27 | 8.4 | 0.44 | 8.8 | 0.22 | 0.01 | 11 | silty soil | | | | | | | |
| CCS 212 | 0.002 | 0.7 | 0.33 | 12.2 | 0.22 | 12.2 | 0.24 | 0.01 | 14 | silty soil | | | | | | | |
| CCS 213 | 0.002 | 0.3 | 0.32 | 9.7 | 0.17 | 10.7 | 0.22 | 0.01 | 8 | silty clay | | | | | | | |
| CCS 214 | 0.002 | 0.7 | 0.34 | 8.7 | 0.26 | 13 | 0.28 | 0.02 | 19 | silty clay | | | | | | | |
| CCS 215 | 0.002 | 0.6 | 0.28 | 9 | 0.21 | 11.2 | 0.17 | 0.01 | 10 | silty clay | | | | | | | |
| CCS 216 | 0.002 | 0.9 | 0.31 | 16.9 | 0.35 | 11.8 | 0.25 | 0.02 | 15 | silty clay | | | | | | | |
| CCS 217 | 0.002 | 1.4 | 0.27 | 8 | 0.36 | 8.7 | 0.31 | 0.01 | 7 | Line 5 going east; silty soil | | | | | | | |
| CCS 218 | 0.002 | 0.7 | 0.29 | 9.7 | 0.28 | 7.6 | 0.32 | 0.01 | 11 | silty soil | | | | | | | |
| CCS 219 | 0.002 | 0.6 | 0.33 | 5.3 | 0.22 | 9.5 | 0.37 | 0.01 | 5 | silty soil | | | | | | | |
| CCS 220 | 0.002 | 0.3 | 0.37 | 7.1 | 0.26 | 6.6 | 0.27 | 0.01 | 7 | silty soil | | | | | | | |
| CCS 221 | 0.002 | 0.3 | 0.43 | 6.7 | 0.5 | 8.8 | 0.22 | 0.005 | 8 | silty soil | | | | | | | |
| CCS 222 | 0.013 | 0.3 | 0.3 | 5 | 0.21 | 6.8 | 0.21 | 0.01 | 8 | silty soil | | | | | | | |
| CCS 223 | 0.018 | 1 | 0.26 | 6.5 | 0.34 | 6.7 | 0.28 | 0.005 | 11 | silty soil | | | | | | | |
| CCS 224 | 0.038 | 1.6 | 0.34 | 6.4 | 0.48 | 6 | 0.35 | 0.01 | 15 | silty soil | | | | | | | |
| CCS 225 | 0.015 | 2.5 | 0.28 | 6.2 | 0.34 | 6.1 | 0.36 | 0.02 | 11 | silty soil | | | | | | | |
| CCS 226 | 0.04 | 1.2 | 0.18 | 5.9 | 0.43 | 4.1 | 0.19 | 0.01 | 8 | silty soil | | | | | | | |
| CCS 227 | 0.012 | 2.4 | 0.29 | 9.8 | 0.19 | 5.3 | 0.21 | 0.02 | 14 | silty soil | | | | | | | |
| CCS 228 | 0.002 | 1.2 | 0.14 | 7.6 | 0.39 | 4.8 | 0.27 | 0.005 | 7 | silty soil | | | | | | | |
| CCS 229 | 0.002 | 4.2 | 0.22 | 11.3 | 0.29 | 7 | 0.55 | 0.01 | 14 | silty soil | | | | | | | |
| CCS 230 | 0.002 | 4.6 | 0.25 | 11.8 | 0.3 | 6.1 | 0.71 | 0.01 | 29 | silty soil | | | | | | | |
| CCS 231 | 0.002 | 16.1 | 0.24 | 9.8 | 3.56 | 11.8 | 6.44 | 0.02 | 26 | silty soil | | | | | | | |
| CCS 232 | 0.002 | 5.4 | 0.16 | 8 | 0.97 | 6 | 1.11 | 0.01 | 10 | sandy silt | | | | | | | |
| CCS 233 | 0.009 | 7.2 | 0.17 | 6.4 | 0.38 | 4.1 | 0.37 | 0.01 | 6 | few quartz frags; silty soil | 1 | | | | 1 | | |
| CCS 234 | 0.01 | 6.3 | 0.15 | 6.7 | 0.43 | 4.7 | 0.33 | 0.01 | 7 | quartz fragments; silty soil | 1 | | | | 1 | | |
| CCS 235 | 0.002 | 6.3 | 0.2 | 8.2 | 0.5 | 4.7 | 0.49 | 0.01 | 7 | quartz fragments; silty soil | 1 | | | | | | |
| CCS 236 | 0.002 | 8.5 | 0.27 | 12.6 | 0.59 | 5.6 | 0.48 | 0.02 | 11 | quartz fragments/chips; silty soil | 1 | | | | | | |
| CCS 237 | 0.002 | 4.8 | 0.26 | 15 | 0.54 | 5.9 | 0.4 | 0.02 | 13 | silty soil | | | | | | | |
| CCS 238 | 0.002 | 3.3 | 0.25 | 9.8 | 0.39 | 6.6 | 0.3 | 0.01 | 13 | silty soil | | | | | | | |
| CCS 239 | 0.002 | 12.1 | 0.22 | 9.2 | 0.9 | 5.7 | 0.51 | 0.005 | 10 | silty soil | | | | | | | |
| CCS 240 | 0.002 | 6.3 | 0.29 | 10.6 | 0.67 | 8.3 | 0.76 | 0.01 | 20 | silty soil | | | | | | | |
| CCS 241 | 0.002 | 2.6 | 0.21 | 6.8 | 0.31 | 7.3 | 0.42 | 0.02 | 11 | silty soil | | | | | | | |
| CCS 242 | 0.002 | 0.8 | 0.13 | 4.5 | 0.3 | 4 | 0.14 | 0.005 | 5 | silty soil | | | | | | | |
| CCS 243 | 0.018 | 0.5 | 0.08 | 6.8 | 0.59 | 4.1 | 0.1 | 0.005 | 4 | quartz present; sandy silt | 1 | | | | 1 | | |
| CCS 244 | 0.007 | 3.7 | 0.18 | 8.3 | 0.67 | 4.7 | 0.39 | 0.02 | 8 | quartz fragments;sandy silt | 1 | | | | 1 | | |
| CCS 245 | 0.002 | 4 | 0.17 | 2.5 | 1.06 | 7.1 | 0.51 | 0.02 | 2 | silty soil | | | | | | | |
| CCS 246 | 0.002 | 0.6 | 0.11 | 6.2 | 0.48 | 4 | 0.17 | 0.01 | 4 | quartz fragments;sandy silt | 1 | | | | | | |
| CCS 247 | 0.009 | 1 | 0.1 | 3.3 | 0.25 | 3.1 | 0.1 | 0.005 | 3 | quartz fragments; sandy silt | 1 | | | | 1 | | |
| CCS 248 | 0.002 | 2.9 | 0.19 | 7.7 | 0.53 | 5.4 | 0.35 | 0.01 | 8 | silty soil | | | | | | | |
| CCS 249 | 0.027 | 3.6 | 0.18 | 7.5 | 0.34 | 4.4 | 0.33 | 0.01 | 9 | minor quartz; silty soil | 1 | | | | 1 | | |
| CCS 250 | 0.006 | 5 | 0.21 | 6.8 | 0.49 | 5.4 | 0.39 | 0.02 | 5 | silty soil | | | | | | | |
| CCS 251 | 0.007 | 25.7 | 0.31 | 4 | 0.53 | 10.8 | 0.38 | 0.04 | 5 | silty soil | | | | | | | |
| CCS 252 | 0.009 | 1.1 | 0.17 | 4.7 | 0.33 | 2.5 | 0.12 | 0.01 | 4 | minor quartz;silty clay | 1 | | | | 1 | | |
| CCS 253 | 0.007 | 1.1 | 0.13 | 2.6 | 0.28 | 3.4 | 0.16 | 0.01 | 5 | minor quartz; silty clay | 1 | | | | 1 | | |
| CCS 254 | 0.002 | 0.9 | 0.14 | 4.3 | 0.24 | 5.1 | 0.23 | 0.01 | 8 | some quartz present;silty soil | 1 | | | | | | |
| CCS 255 | 0.002 | 0.9 | 0.25 | 5.6 | 0.18 | 6.8 | 0.39 | 0.005 | 17 | trace quartz; silty soil | 1 | | | | | | |
| CCS 256 | 0.002 | 0.9 | 0.23 | 8.1 | 0.29 | 8.9 | 0.4 | 0.01 | 19 | silty soil | | | | | | | |
| CCS 257 | 0.002 | 0.9 | 0.15 | 2.9 | 0.16 | 6.2 | 0.28 | 0.01 | 10 | silty soil | | | | | | | |
| CCS 258 | 0.002 | 1 | 0.11 | 7 | 0.37 | 4.9 | 0.21 | 0.01 | 8 | sandy silt | | | | | | | |
| CCS 259 | 0.002 | 2.4 | 0.12 | 2.9 | 0.18 | 5.3 | 0.17 | 0.005 | 3 | quartz fragments;silty soil | 1 | | | | | | |
| CCS 260 | 0.002 | 3.8 | 0.12 | 6.2 | 0.51 | 5.2 | 0.32 | 0.01 | 6 | sandy silt-Virginia Road | | | | | | | |
| | | | | | | | | | | | 41 | 9 | 55 | 24 | 16 | 14 | 3 |

# Appendix E

## Potoroo Project – Soil Sample Results

POTOROO PROJECT - SOIL SAMPLE RESULTS

Appendix 5

| | Au | Ag | As | Bi | Cu | Mo | Pb | Sb | W | Description |
|---|---|---|---|---|---|---|---|---|---|---|
| S600161 | 3 | 0.01 | 1 | 0.34 | 6 | 0.3 | 8.2 | 0.17 | 0.1 | |
| S600162 | 0.5 | 0.01 | 2.8 | 0.33 | 7 | 0.3 | 7.9 | 0.17 | 0.1 | not |
| S600163 | 0.5 | 0.01 | 1.3 | 0.42 | 6 | 0.3 | 8.7 | 0.17 | 0.05 | |
| S600164 | 0.5 | 0.01 | 0.5 | 0.32 | 7 | 0.1 | 9.1 | 0.13 | 0.05 | much !! |
| S600165 | 7 | 0.03 | 0.7 | 0.35 | 9 | 0.2 | 14.6 | 0.06 | 0.05 | |
| S600166 | 0.5 | 0.01 | 1.7 | 0.39 | 9 | 0.3 | 11.3 | 0.09 | 0.05 | |
| S600167 | 0.5 | 0.01 | 1.7 | 0.34 | 7 | 0.4 | 9.2 | 0.11 | 0.05 | |
| S600168 | 0.5 | 0.01 | 0.8 | 0.21 | 6 | 0.05 | 7 | 0.09 | 0.05 | |
| S600169 | 0.5 | 0.01 | 2 | 0.2 | 5 | 0.3 | 8.8 | 0.1 | 0.05 | |
| S600170 | 0.5 | 0.01 | 7.2 | 0.27 | 10 | 0.2 | 9.4 | 0.14 | 0.05 | |
| S600171 | 0.5 | 0.01 | 2.7 | 0.17 | 8 | 0.2 | 7.2 | 0.1 | 0.05 | |
| S600172 | 0.5 | 0.01 | 1.7 | 0.14 | 6 | 0.1 | 6.2 | 0.09 | 0.05 | |
| S600173 | 0.5 | 0.04 | 1.9 | 0.11 | 4 | 0.1 | 4.2 | 0.08 | 0.05 | |
| S600174 | 0.5 | 0.01 | 3.3 | 0.09 | 6 | 0.05 | 4.6 | 0.08 | 0.05 | |
| S600175 | 0.5 | 0.01 | 21.9 | 0.22 | 7 | 0.4 | 11.7 | 0.15 | 0.05 | |
| S600176 | 0.5 | 0.01 | 2.5 | 0.2 | 8 | 0.2 | 13.3 | 0.1 | 0.05 | |
| S600177 | 6 | 0.01 | 0.5 | 0.25 | 4 | 0.2 | 7.4 | 0.1 | 0.05 | |
| S600178 | 0.5 | 0.01 | 1.7 | 0.55 | 9 | 0.5 | 11.3 | 0.17 | 0.05 | |
| S600179 | 0.5 | 0.01 | 7.8 | 0.65 | 13 | 0.6 | 17.6 | 0.29 | 0.1 | |
| S600180 | 0.5 | 0.06 | 2.7 | 0.65 | 8 | 0.2 | 9 | 0.16 | 0.05 | |
| S600181 | 0.5 | 0.01 | 1.1 | 0.26 | 6 | 0.1 | 9.3 | 0.06 | 0.05 | |
| S600182 | 0.5 | 0.01 | 0.8 | 0.23 | 7 | 0.05 | 10.2 | 0.11 | 0.05 | |
| S600183 | 0.5 | 0.01 | 6.5 | 0.32 | 8 | 0.3 | 7.2 | 0.27 | 0.05 | |
| S600184 | 0.5 | 0.01 | 2.1 | 0.2 | 7 | 0.05 | 7.1 | 0.12 | 0.05 | |
| S600185 | 2 | 0.01 | 0.6 | 0.16 | 4 | 0.3 | 6.9 | 0.09 | 0.05 | |
| S600186 | 0.5 | 0.01 | 1.4 | 0.17 | 6 | 0.2 | 5.2 | 0.12 | 0.05 | |
| S600187 | 0.5 | 0.01 | 7.1 | 0.19 | 6 | 0.2 | 7.8 | 0.2 | 0.05 | |
| S600188 | 1 | 0.03 | 9.1 | 0.23 | 8 | 0.05 | 9.4 | 0.12 | 0.05 | |
| S600189 | 0.5 | 0.01 | 1.8 | 0.11 | 4 | 0.2 | 4.4 | 0.05 | 0.05 | |
| S600190 | 0.5 | 0.01 | 32.3 | 0.14 | 8 | 0.3 | 8.4 | 0.2 | 0.05 | |
| S600191 | 0.5 | 0.01 | 1 | 0.17 | 6 | 0.3 | 6.5 | 0.07 | 0.05 | |
| S600192 | 3 | 0.01 | 0.5 | 0.18 | 6 | 0.05 | 6.4 | 0.09 | 0.05 | |
| S600193 | 0.5 | 0.01 | 4.2 | 0.43 | 6 | 0.3 | 9.7 | 0.11 | 0.05 | |
| S600194 | 0.5 | 0.01 | 12.3 | 0.31 | 12 | 0.2 | 13.2 | 0.11 | 0.05 | |
| S600195 | 0.5 | 0.01 | 3.5 | 0.22 | 9 | 0.2 | 8.6 | 0.1 | 0.05 | |
| S600196 | 2 | 0.01 | 2.9 | 0.23 | 8 | 0.2 | 7.5 | 0.09 | 0.05 | |
| S600197 | 0.5 | 0.01 | 3.8 | 0.19 | 8 | 0.2 | 7.3 | 0.08 | 0.05 | |
| S600198 | 0.5 | 0.01 | 1.6 | 0.14 | 6 | 0.05 | 6.8 | 0.08 | 0.05 | |
| S600199 | 0.5 | 0.11 | 2.6 | 0.23 | 5 | 0.3 | 9 | 0.09 | 0.05 | |

Au shown as X repl with 0.5ppb
Ag shown as X repl with 0.01
As shown as X repl with 0.5
Mo shown as X repl with 0.05
Sb shown as X repl with 0.002
W shown as X repl with 0.05

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S600201 | 0.5 | 0.01 | 3.7 | 0.15 | 7 | 0.05 | 8.7 | 0.06 | 0.05 |
| S600202 | 0.5 | 0.01 | 4.7 | 0.15 | 7 | 0.05 | 6 | 0.05 | 0.05 |
| S600203 | 0.5 | 0.01 | 1.8 | 0.11 | 5 | 0.05 | 5 | 0.002 | 0.05 |
| S600204 | 0.5 | 0.01 | 24.9 | 0.2 | 6 | 0.3 | 6.8 | 0.002 | 0.05 |
| S600205 | 0.5 | 0.01 | 20.2 | 0.15 | 6 | 0.1 | 7 | 0.002 | 0.05 |
| S600206 | 3 | 0.01 | 63.2 | 0.3 | 9 | 0.4 | 12.8 | 0.11 | 0.05 |
| S600207 | 0.5 | 0.05 | 2.3 | 0.18 | 7 | 0.05 | 5.2 | 0.002 | 0.05 |
| S600208 | 13 | 0.02 | 27.7 | 0.47 | 16 | 0.4 | 10.1 | 0.06 | 0.05 |
| S600209 | 0.5 | 0.01 | 3.6 | 0.19 | 7 | 0.05 | 7.7 | 0.002 | 0.05 |
| S600210 | 0.5 | 0.01 | 2 | 0.17 | 5 | 0.3 | 6.7 | 0.08 | 0.05 |
| S600211 | 6 | 0.01 | 1.1 | 0.11 | 5 | 0.1 | 4.8 | 0.07 | 0.05 |
| S600212 | 9 | 0.01 | 165.7 | 1.84 | 40 | 0.7 | 8 | 0.23 | 0.05 |
| S600213 | 16 | 0.01 | 10 | 1.03 | 27 | 0.5 | 5.7 | 0.11 | 0.05 |
| S600214 | 6 | 0.01 | 14.1 | 1.35 | 9 | 1.3 | 6 | 0.15 | 0.05 |
| S600215 | 0.5 | 0.01 | 1.2 | 0.14 | 5 | 0.05 | 9.1 | 0.06 | 0.05 |
| S600216 | 3 | 0.01 | 9.9 | 0.16 | 9 | 0.1 | 10.8 | 0.08 | 0.05 |
| S600217 | 2 | 0.01 | 2.4 | 0.12 | 5 | 0.7 | 4.5 | 0.09 | 0.05 |
| S600218 | 3 | 0.01 | 38.3 | 0.34 | 10 | 0.9 | 9.7 | 0.11 | 0.05 |
| S600219 | 0.5 | 0.01 | 25.4 | 0.24 | 8 | 0.7 | 9.5 | 0.12 | 0.05 |
| S600220 | 2 | 0.01 | 83 | 0.45 | 13 | 0.8 | 11.7 | 0.14 | 0.1 |
| S600221 | 3 | 0.01 | 37.1 | 0.31 | 8 | 0.7 | 9.9 | 0.11 | 0.05 |
| S600222 | 0.5 | 0.01 | 4.2 | 0.12 | 6 | 0.6 | 7 | 0.09 | 0.05 |
| S600223 | 0.5 | 0.01 | 8.1 | 0.29 | 7 | 0.4 | 15 | 0.08 | 0.05 |
| S600224 | 0.5 | 0.01 | 4.5 | 0.12 | 6 | 0.8 | 5.5 | 0.11 | 0.05 |
| S600225 | 0.5 | 0.01 | 4.6 | 0.11 | 10 | 0.7 | 5.8 | 0.11 | 0.05 |
| S600226 | 0.5 | 0.01 | 13.7 | 0.18 | 7 | 0.7 | 5.1 | 0.08 | 0.05 |
| S600227 | 33 | 0.03 | 247.3 | 1.48 | 41 | 1.1 | 15 | 0.24 | 0.05 |
| S600228 | 60 | 0.14 | 687 | 1.64 | 46 | 1.4 | 30.4 | 0.46 | 0.05 |
| S600229 | 15 | 0.16 | 18.4 | 0.59 | 17 | 1.5 | 5.4 | 0.18 | 0.05 |
| S600230 | 2 | 0.01 | 10.6 | 0.3 | 11 | 1.2 | 10.3 | 0.13 | 0.05 |
| S600231 | 0.5 | 0.01 | 9.5 | 0.17 | 11 | 0.5 | 12.5 | 0.11 | 0.05 |
| S600232 | 0.5 | 0.01 | 48.9 | 0.23 | 17 | 1.6 | 8.9 | 0.27 | 0.05 |
| S600233 | 0.5 | 0.01 | 46.6 | 0.25 | 16 | 1.1 | 9.1 | 0.25 | 0.2 |
| S600234 | 0.5 | 0.01 | 9 | 0.23 | 10 | 0.9 | 9.9 | 0.11 | 0.05 |
| S600235 | 0.5 | 0.01 | 9.7 | 0.22 | 7 | 0.5 | 9.6 | 0.08 | 0.05 |
| S600236 | 0.5 | 0.01 | 8.3 | 0.21 | 6 | 0.7 | 6.8 | 0.16 | 0.05 |
| S600237 | 129 | 0.04 | 21.4 | 0.33 | 12 | 1.4 | 4.9 | 0.16 | 0.05 |
| S600238 | 12 | 0.01 | 16.7 | 0.37 | 11 | 1.7 | 4.3 | 0.12 | 0.05 |
| S600239 | 0.5 | 0.03 | 17.2 | 0.17 | 11 | 0.7 | 6.4 | 0.11 | 0.05 |
| S600240 | 0.5 | 0.01 | 17.5 | 0.2 | 8 | 0.5 | 7.6 | 0.09 | 0.05 |
| S600241 | 0.5 | 0.01 | 16.6 | 0.2 | 5 | 0.4 | 8.4 | 0.16 | 0.05 |
| S600242 | 0.5 | 0.01 | 4.7 | 0.12 | 6 | 0.7 | 7.5 | 0.12 | 0.05 |
| S600243 | 0.5 | 0.01 | 11.9 | 0.32 | 6 | 0.6 | 13.7 | 0.16 | 0.05 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| S600244 | 0.5 | 0.03 | 29.2 | 0.27 | 12 | 0.8 | 10.4 | 0.002 | 0.05 | |
| S600245 | 0.5 | 0.01 | 23.3 | 0.23 | 11 | 0.7 | 15.3 | 0.16 | 0.05 | |
| S600246 | 5 | 0.01 | 37 | 0.14 | 10 | 1.5 | 5.7 | 0.19 | 0.05 | |
| S600247 | 7 | 0.01 | 24.7 | 0.22 | 11 | 1 | 8.3 | 0.19 | 0.05 | |
| S600248 | 0.5 | 0.01 | 40.6 | 0.25 | 19 | 1.4 | 7.8 | 0.26 | 0.05 | |
| S600249 | 0.5 | 0.02 | 12.5 | 0.14 | 11 | 0.9 | 7.2 | 0.15 | 0.05 | |
| S600251 | 4 | 0.03 | 22.4 | 0.38 | 11 | 0.6 | 13.7 | 0.18 | 0.05 | |
| S600252 | 2 | 0.01 | 18.5 | 0.35 | 10 | 0.9 | 11.4 | 0.32 | 0.05 | |
| S600253 | 0.5 | 0.02 | 26 | 0.29 | 14 | 1.1 | 9.7 | 0.17 | 0.05 | |
| S600254 | 2 | 0.01 | 151 | 0.52 | 19 | 1.6 | 9.4 | 0.16 | 0.1 | |
| S600255 | 4 | 0.01 | 69.4 | 0.39 | 10 | 1.2 | 11.1 | 0.22 | 0.05 | |
| S600256 | 29 | 0.01 | 403.4 | 1.34 | 18 | 1 | 45.2 | 0.41 | 0.1 | |
| S600257 | 2 | 0.01 | 5.2 | 0.16 | 8 | 0.6 | 7.4 | 0.14 | 0.05 | |
| S600258 | 1 | 0.01 | 28.9 | 0.35 | 10 | 0.6 | 14.4 | 0.13 | 0.05 | |
| S600259 | 0.5 | 0.02 | 44 | 0.48 | 8 | 0.6 | 21.7 | 0.13 | 0.05 | |
| S600260 | 0.5 | 0.02 | 12.1 | 0.17 | 10 | 0.8 | 10.3 | 0.18 | 0.05 | |
| S600261 | 0.5 | 0.02 | 17.9 | 0.2 | 13 | 1.3 | 14.5 | 0.19 | 0.05 | |
| S600262 | 0.5 | 0.01 | 28.5 | 0.08 | 10 | 1.2 | 3.8 | 0.14 | 0.05 | |
| S600263 | 0.5 | 0.03 | 89.6 | 0.22 | 20 | 1.4 | 7.6 | 0.18 | 0.05 | |
| S600264 | 0.5 | 0.01 | 47.9 | 0.16 | 16 | 1.2 | 11.5 | 0.24 | 0.05 | |
| S600265 | 0.5 | 0.01 | 12.2 | 0.16 | 11 | 0.9 | 7.9 | 0.16 | 0.05 | |
| S600266 | 0.5 | 0.01 | 23.9 | 0.29 | 12 | 0.5 | 12.8 | 0.21 | 0.05 | |
| S600267 | 0.5 | 0.01 | 22.9 | 0.31 | 8 | 0.6 | 8.3 | 0.28 | 0.05 | |
| S600268 | 3 | 0.03 | 19.1 | 0.21 | 16 | 0.8 | 9 | 0.16 | 0.05 | |
| S600269 | 0.5 | 0.02 | 20 | 0.22 | 13 | 1 | 8.6 | 0.1 | 0.05 | |
| S600270 | 43 | 0.1 | 76.7 | 0.37 | 17 | 1.5 | 16.4 | 1.07 | 0.05 | |
| S600271 | 0.5 | 0.03 | 46 | 0.22 | 11 | 1.1 | 6.5 | 0.31 | 0.05 | |
| S600272 | 0.5 | 0.01 | 7.3 | 0.15 | 9 | 0.9 | 6.1 | 0.19 | 0.05 | |
| S600273 | 0.5 | 0.02 | 8.6 | 0.18 | 5 | 0.1 | 5.4 | 0.17 | 0.05 | |
| S600274 | 5 | 0.06 | 26.8 | 0.22 | 9 | 0.3 | 6.8 | 0.23 | 0.05 | |
| S600275 | 0.5 | 0.03 | 9.4 | 0.2 | 10 | 1 | 9.1 | 0.17 | 0.2 | |
| S600276 | 16 | 0.02 | 8.9 | 0.13 | 12 | 0.5 | 5.4 | 0.15 | 0.4 | |
| S600277 | 3 | 0.02 | 6.5 | 0.2 | 8 | 0.5 | 6.8 | 0.14 | 0.05 | near drill pad |
| S600278 | 4 | 0.04 | 2.2 | 0.15 | 8 | 0.3 | 11.2 | 0.1 | 0.05 | |
| S600279 | 0.5 | 0.01 | 2.2 | 0.16 | 8 | 0.3 | 6.3 | 0.18 | 0.05 | |
| S600280 | 4 | 0.01 | 1.5 | 0.2 | 8 | 0.3 | 7.9 | 0.16 | 0.05 | |
| S600281 | 2 | 0.01 | 1 | 0.26 | 9 | 0.2 | 10.1 | 0.1 | 0.05 | |
| S600282 | 0.5 | 0.03 | 0.7 | 0.29 | 13 | 0.3 | 14.1 | 0.09 | 0.05 | |
| S600283 | 27 | 0.08 | 47.2 | 0.31 | 8 | 0.3 | 13.9 | 0.72 | 0.05 | |
| S600284 | 129 | 0.13 | 64.2 | 0.38 | 7 | 0.3 | 18.2 | 1.12 | 0.05 | |
| S600285 | 2 | 0.06 | 40.2 | 0.29 | 8 | 0.5 | 7.8 | 0.13 | 0.05 | |
| S600286 | 0.5 | 0.04 | 43.8 | 0.26 | 8 | 0.4 | 6.2 | 0.23 | 0.05 | |
| S600287 | 0.5 | 0.01 | 15.7 | 0.17 | 5 | 0.4 | 3.8 | 0.08 | 0.05 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| S600288 | 0.5 | 0.01 | 13.2 | 0.12 | 6 | 0.4 | 5.5 | 0.13 | 0.05 | |
| S600289 | 6 | 0.09 | 14 | 0.16 | 6 | 0.6 | 8.7 | 0.15 | 0.05 | |
| S600290 | 0.5 | 0.01 | 12.4 | 0.25 | 10 | 1.4 | 9.9 | 0.09 | 0.05 | |
| S600291 | 1 | 0.03 | 8.8 | 0.18 | 13 | 1 | 7.2 | 0.15 | 0.1 | |
| S600292 | 0.5 | 0.01 | 4.7 | 0.11 | 4 | 0.3 | 3.2 | 0.09 | 0.05 | |
| S600293 | 0.5 | 0.01 | 9.1 | 0.19 | 7 | 0.3 | 5.4 | 0.14 | 0.05 | |
| S600294 | 4 | 0.01 | 1.4 | 0.13 | 11 | 0.2 | 7.3 | 0.09 | 0.05 | |
| S600295 | 0.5 | 0.01 | 2.6 | 0.29 | 12 | 0.3 | 10.2 | 0.15 | 0.05 | |
| S600296 | 0.5 | 0.01 | 1.2 | 0.16 | 11 | 0.2 | 8.1 | 0.1 | 0.05 | |
| S600297 | 0.5 | 0.01 | 1.2 | 0.2 | 9 | 0.2 | 9.1 | 0.09 | 0.05 | |
| S600298 | 2 | 0.04 | 45.3 | 0.47 | 11 | 0.6 | 14.7 | 0.11 | 0.05 | |
| S600299 | 35 | 0.03 | 436 | 1.07 | 27 | 1 | 11.7 | 0.5 | 0.05 | |
| S600301 | 26 | 0.04 | 338 | 1.08 | 21 | 1.2 | 16 | 0.29 | 0.05 | |
| S600302 | 3 | 0.01 | 180 | 1.18 | 21 | 0.7 | 7.8 | 0.28 | 0.05 | |
| S600303 | 3 | 0.01 | 34.3 | 0.26 | 7 | 0.9 | 10.2 | 0.12 | 0.05 | |
| S600304 | 2 | 0.01 | 65.7 | 0.3 | 9 | 1.1 | 14.5 | 0.07 | 0.05 | |
| S600305 | 8 | 0.01 | 10.2 | 0.16 | 6 | 0.4 | 12.1 | 0.1 | 0.05 | |
| S600306 | 0.5 | 0.01 | 11.1 | 0.18 | 6 | 0.2 | 9.7 | 0.12 | 0.05 | |
| S600307 | 0.5 | 0.06 | 8.3 | 0.17 | 9 | 0.2 | 7 | 0.17 | 0.05 | |
| S600308 | 0.5 | 0.06 | 56.7 | 0.22 | 7 | 0.4 | 7.3 | 0.41 | 0.05 | |
| S600309 | 3 | 0.04 | 20.9 | 0.18 | 5 | 0.4 | 6.5 | 0.23 | 0.05 | |
| S600310 | 0.5 | 0.05 | 8.6 | 0.42 | 51 | 1.2 | 8.7 | 0.13 | 0.1 | |
| S600311 | 0.5 | 0.03 | 2.6 | 0.29 | 16 | 0.4 | 11.2 | 0.13 | 0.05 | |
| S600312 | 0.5 | 0.24 | 7.5 | 0.37 | 20 | 0.3 | 17.4 | 0.002 | 0.05 | |
| S600313 | 6 | 0.04 | 7.2 | 0.37 | 16 | 0.5 | 17.7 | 0.19 | 0.05 | |
| S600314 | 5 | 0.05 | 44.4 | 0.41 | 11 | 0.7 | 8.8 | 0.17 | 0.5 | |
| S600315 | 8 | 0.05 | 117.7 | 0.38 | 10 | 0.7 | 7.2 | 0.26 | 0.05 | |
| S600316 | 2 | 0.01 | 324 | 0.76 | 12 | 0.9 | 8.8 | 0.44 | 0.05 | |
| S600317 | 5 | 0.01 | 76.1 | 0.23 | 8 | 0.4 | 5.7 | 0.15 | 0.05 | |
| S600318 | 0.5 | 0.01 | 21.7 | 0.15 | 6 | 0.3 | 6.2 | 0.11 | 0.05 | |
| S600319 | 2 | 0.01 | 47.5 | 0.31 | 9 | 0.7 | 14.7 | 0.2 | 0.05 | near small shaft |
| S600320 | 0.5 | 0.01 | 4 | 0.17 | 5 | 0.3 | 9.3 | 0.09 | 0.05 | |
| S600321 | 1 | 0.01 | 10.6 | 0.16 | 9 | 0.3 | 12.4 | 0.13 | 0.05 | |
| S600322 | 1 | 0.04 | 18.2 | 0.22 | 8 | 0.3 | 9.8 | 0.14 | 0.05 | |
| S600323 | 3 | 0.06 | 13.7 | 0.21 | 6 | 0.3 | 7.9 | 0.15 | 0.05 | |
| S600324 | 2 | 0.04 | 28.6 | 0.16 | 13 | 0.9 | 10.8 | 0.25 | 0.05 | |
| S600325 | 0.5 | 0.05 | 63.2 | 0.28 | 20 | 0.8 | 13.7 | 0.18 | 0.05 | |
| S600326 | 0.5 | 0.01 | 14.9 | 0.15 | 6 | 0.3 | 7.7 | 0.13 | 0.05 | |
| S600327 | 0.5 | 0.01 | 15.4 | 0.26 | 10 | 0.3 | 9 | 0.18 | 0.05 | |
| S600328 | 0.5 | 0.02 | 33.9 | 0.45 | 14 | 0.5 | 11.5 | 0.29 | 0.05 | |

# Appendix F

## Panama Project – Soil Sample Results

PANAMA PROJECT - SOIL SAMPLE RESULTS

Appendix 6

| | Au | Ag | As | Bi | Cu | Mo | Pb | Sb | W | Description |
|---|---|---|---|---|---|---|---|---|---|---|
| S600329 | 1 | 0.03 | 7.3 | 0.13 | 9 | 0.9 | 8 | 0.08 | 0.05 | |
| S600330 | 0.5 | 0.03 | 6.5 | 0.11 | 11 | 3.6 | 6.6 | 0.13 | 0.05 | |
| S600331 | 0.5 | 0.03 | 3.8 | 0.08 | 8 | 1.2 | 4.7 | 0.17 | 0.05 | |
| S600332 | 2 | 0.01 | 26.8 | 0.18 | 11 | 0.7 | 12.8 | 0.34 | 0.05 | |
| S600333 | 0.5 | 0.01 | 13.6 | 0.14 | 9 | 0.4 | 9.6 | 0.22 | 0.05 | |
| S600334 | 2 | 0.02 | 15.6 | 0.16 | 16 | 1.8 | 12.5 | 0.13 | 0.05 | |
| S600335 | 4 | 0.03 | 31.6 | 0.24 | 16 | 0.5 | 13.2 | 0.19 | 0.05 | |
| S600336 | 1 | 0.03 | 0.7 | 0.14 | 8 | 0.3 | 13.6 | 0.1 | 0.05 | |
| S600337 | 0.5 | 0.02 | 0.6 | 0.12 | 5 | 0.4 | 6.7 | 0.1 | 0.05 | |
| S600338 | 3 | 0.02 | 1.9 | 0.17 | 10 | 0.8 | 9.3 | 0.21 | 0.05 | |
| S600339 | 2 | 0.04 | 0.9 | 0.14 | 8 | 0.5 | 7.4 | 0.17 | 0.05 | |
| S600340 | 0.5 | 0.03 | 5.8 | 0.11 | 6 | 1.2 | 7.4 | 0.19 | 0.05 | |
| S600341 | 1 | 0.03 | 1.8 | 0.09 | 9 | 1.3 | 5.9 | 0.2 | 0.05 | |
| S600342 | 1 | 0.01 | 2.7 | 0.09 | 6 | 1.4 | 6.4 | 0.12 | 0.05 | |
| S600343 | 2 | 0.02 | 6.4 | 0.14 | 10 | 0.9 | 10.7 | 0.2 | 0.05 | |
| S600344 | 4 | 0.06 | 26.9 | 0.28 | 19 | 0.5 | 14.2 | 0.61 | 0.05 | near small shaft, trench |
| S600345 | 3 | 0.01 | 32.1 | 0.16 | 12 | 0.5 | 10.4 | 0.31 | 0.05 | |
| S600346 | 0.5 | 0.01 | 16.6 | 0.18 | 10 | 0.7 | 10.9 | 0.21 | 0.05 | |
| S600347 | 0.5 | 0.24 | 3.4 | 0.18 | 10 | 0.4 | 9.6 | 0.11 | 0.05 | |
| S600348 | 0.5 | 0.01 | 2.1 | 0.16 | 10 | 0.5 | 9.8 | 0.12 | 0.05 | |
| S600349 | 0.5 | 0.01 | 2.1 | 0.14 | 9 | 0.4 | 8.5 | 0.14 | 0.05 | |
| S600351 | 0.5 | 0.02 | 1.2 | 0.17 | 9 | 0.5 | 9.7 | 0.12 | 0.05 | |
| S600352 | 6 | 0.04 | 1.9 | 0.08 | 5 | 0.6 | 7.1 | 0.16 | 0.05 | |
| S600353 | 0.5 | 0.04 | 1.8 | 0.1 | 6 | 1.7 | 7.8 | 0.16 | 0.1 | |
| S600354 | 0.5 | 0.16 | 6.7 | 0.11 | 7 | 1.1 | 6.4 | 0.24 | 0.05 | |
| S600355 | 0.5 | 0.02 | 30.7 | 0.09 | 6 | 0.4 | 6.4 | 0.38 | 0.05 | |
| S600356 | 1 | 0.03 | 31 | 0.19 | 12 | 0.8 | 10.6 | 0.36 | 0.1 | |
| S600357 | 3 | 0.01 | 31 | 0.2 | 12 | 0.5 | 11.6 | 0.3 | 0.05 | |
| S600358 | 0.5 | 0.03 | 16.7 | 0.2 | 12 | 0.4 | 9.4 | 0.27 | 0.05 | |
| S600359 | 0.5 | 0.01 | 4.5 | 0.14 | 7 | 0.7 | 8.1 | 0.19 | 0.05 | |
| S600360 | 0.5 | 0.03 | 4.2 | 0.22 | 14 | 0.7 | 11.7 | 0.35 | 0.05 | |
| S600361 | 0.5 | 0.02 | 2 | 0.15 | 9 | 0.3 | 8.5 | 0.25 | 0.05 | |
| S600362 | 0.5 | 0.01 | 1.6 | 0.13 | 8 | 0.2 | 7.7 | 0.23 | 0.05 | |
| S600363 | 0.5 | 0.02 | 2.6 | 0.08 | 4 | 0.5 | 7.5 | 0.13 | 0.05 | |
| S600364 | 2 | 0.01 | 2.9 | 0.08 | 6 | 0.7 | 7 | 0.24 | 0.1 | |
| S600365 | 2 | 0.03 | 19.3 | 0.1 | 7 | 0.5 | 9.2 | 0.35 | 0.05 | |
| S600366 | 2 | 0.03 | 21 | 0.11 | 5 | 0.4 | 8.2 | 0.28 | 0.05 | near 2 small shafts |
| S600367 | 1 | 0.05 | 20.2 | 0.13 | 7 | 0.7 | 12.9 | 0.19 | 0.05 | |
| S600368 | 2 | 0.02 | 17.1 | 0.16 | 9 | 0.4 | 9 | 0.1 | 0.05 | near larger shaft |

Au shown as X repl with 0.5ppb
Ag shown as X repl with 0.01
As shown as X repl with 0.5

Sb shown as X repl with 0.002
W shown as X repl with 0.05

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S600369 | 2 | 0.02 | 3.6 | 0.13 | 8 | 0.4 | 9.2 | 0.002 | 0.05 | | |
| S600370 | 0.5 | 0.03 | 3.4 | 0.19 | 12 | 0.3 | 12.3 | 0.11 | 0.05 | | |
| S600371 | 6 | 0.02 | 1.3 | 0.11 | 8 | 1.7 | 7.2 | 0.1 | 0.05 | | |
| S600372 | 3 | 0.01 | 2.7 | 0.11 | 6 | 0.8 | 5.3 | 0.2 | 0.05 | | |
| S600373 | 2 | 0.13 | 25.3 | 0.15 | 7 | 0.5 | 10.5 | 0.28 | 0.1 | | |
| S600374 | 3 | 0.02 | 1.6 | 0.07 | 5 | 0.4 | 3.7 | 0.15 | 0.05 | | |
| S600375 | 3 | 0.04 | 4.5 | 0.1 | 6 | 1.5 | 4.7 | 0.09 | 0.05 | | |
| S600376 | 2 | 0.03 | 3.3 | 0.08 | 8 | 0.9 | 3.7 | 0.13 | 0.05 | | |
| S600377 | 0.5 | 0.04 | 2.7 | 0.08 | 5 | 0.3 | 5.8 | 0.1 | 0.05 | above adit entrance | |
| S600378 | 0.5 | 0.04 | 33.5 | 0.14 | 9 | 0.9 | 12.2 | 0.28 | 0.05 | below shaft mullock | |
| S600379 | 0.5 | 0.04 | 16.6 | 0.14 | 7 | 1.2 | 7.9 | 0.14 | 0.05 | west of shaft mullock | |
| S600380 | 0.5 | 0.07 | 9.1 | 0.16 | 10 | 0.8 | 9.8 | 0.29 | 0.05 | | |
| S600381 | 0.5 | 0.01 | 1.8 | 0.09 | 8 | 0.9 | 6.2 | 0.16 | 0.05 | | |
| S600382 | 0.5 | 0.01 | 3.2 | 0.12 | 6 | 0.5 | 8.5 | 0.14 | 0.05 | | |
| S600383 | 1 | 0.03 | 3.7 | 0.16 | 7 | 0.4 | 7.1 | 0.15 | 0.05 | | |
| S600384 | 2 | 0.03 | 6.3 | 0.14 | 8 | 0.4 | 9.2 | 0.16 | 0.05 | | |
| S600385 | 2 | 0.07 | 4 | 0.11 | 7 | 0.9 | 6.7 | 0.2 | 0.05 | near creek beneath adit mullock | |
| S600386 | 10 | 0.11 | 18.4 | 0.1 | 7 | 1.7 | 6.6 | 0.19 | 0.05 | next to adit mullock | |
| S600387 | 0.5 | 0.04 | 27 | 0.1 | 9 | 1.1 | 6.3 | 0.15 | 0.05 | damp dark soil in heavy fern cover | ? HAP |
| S600388 | 0.5 | 0.02 | 3.9 | 0.09 | 7 | 1.7 | 5.4 | 0.09 | 0.05 | damp dark soil in heavy fern cover | ? HAP |
| S600389 | 1 | 0.03 | 43 | 0.17 | 9 | 1.1 | 7.7 | 0.29 | 0.05 | damp dark soil in heavy fern cover | ? HAP |
| S600390 | 15 | 0.03 | 22 | 0.14 | 7 | 1.3 | 12.3 | 0.23 | 0.05 | | |
| S600391 | 4 | 0.02 | 4.3 | 0.1 | 8 | 0.9 | 7.9 | 0.08 | 0.05 | | |
| S600392 | 0.5 | 0.01 | 7.3 | 0.12 | 9 | 1.7 | 6.9 | 0.15 | 0.05 | | |
| S600393 | 0.5 | 0.01 | 5.2 | 0.17 | 8 | 0.7 | 7.2 | 0.22 | 0.05 | | |
| S600394 | 1 | 0.04 | 2.6 | 0.2 | 8 | 0.4 | 10.9 | 0.12 | 0.05 | | |
| S600395 | 0.5 | 0.03 | 0.5 | 0.17 | 7 | 0.4 | 7.7 | 0.09 | 0.05 | | |
| S600396 | 4 | 0.03 | 21.5 | 0.11 | 7 | 1.1 | 7.3 | 0.12 | 0.05 | | |
| S600397 | 4 | 0.04 | 7.6 | 0.08 | 6 | 1 | 4.8 | 0.11 | 0.05 | | |
| S600398 | 0.5 | 0.01 | 9.5 | 0.08 | 6 | 0.7 | 6.3 | 0.1 | 0.05 | | |
| S600399 | 2 | 0.02 | 29.6 | 0.12 | 8 | 0.9 | 12.9 | 0.18 | 0.05 | | |
| S600401 | 2 | 0.05 | 12.9 | 0.09 | 6 | 1.5 | 4.6 | 0.23 | 0.1 | | |
| S600402 | 11 | 0.04 | 12.5 | 0.1 | 8 | 1.1 | 6.4 | 0.24 | 0.05 | | |
| S600403 | 0.5 | 0.03 | 4.6 | 0.09 | 6 | 1.2 | 7.4 | 0.11 | 0.05 | | |
| S600404 | 2 | 0.04 | 15.7 | 0.16 | 10 | 0.4 | 11.3 | 0.16 | 0.05 | | |
| S600405 | 1 | 0.01 | 7.2 | 0.17 | 8 | 0.6 | 11.7 | 0.43 | 0.05 | | |
| S600406 | 0.5 | 0.03 | 1.6 | 0.18 | 12 | 0.6 | 12.7 | 0.25 | 0.1 | | |
| S600407 | 2 | 0.07 | 8.9 | 0.28 | 14 | 0.5 | 13.5 | 0.3 | 0.05 | | |
| S600408 | 3 | 0.01 | 6.8 | 0.1 | 9 | 0.8 | 7.7 | 0.31 | 0.05 | | |
| S600409 | 2 | 0.02 | 8.8 | 0.12 | 9 | 0.5 | 8.5 | 0.23 | 0.05 | | |
| S600410 | 0.5 | 0.04 | 6.1 | 0.13 | 9 | 0.8 | 9.1 | 0.17 | 0.05 | | |
| S600411 | 1 | 0.04 | 3.3 | 0.24 | 8 | 0.7 | 12.3 | 0.6 | 0.05 | | |
| S600412 | 3 | 0.04 | 4.8 | 0.22 | 8 | 0.4 | 14.7 | 0.29 | 0.05 | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| S600413 | 0.5 | 0.01 | 1.4 | 0.14 | 6 | 0.2 | 10.1 | 0.2 | 0.05 | |
| S600414 | 2 | 0.03 | 6.1 | 0.2 | 11 | 0.3 | 13.7 | 0.32 | 0.05 | |
| S600415 | 1 | 0.02 | 1.4 | 0.27 | 7 | 0.3 | 37.5 | 0.26 | 0.05 | |
| S600416 | 0.5 | 0.01 | 2.8 | 0.1 | 6 | 0.4 | 6.9 | 0.29 | 0.05 | |
| S600417 | 2 | 0.01 | 0.8 | 0.08 | 6 | 0.3 | 5.8 | 0.22 | 0.05 | |
| S600418 | 0.5 | 0.03 | 0.5 | 0.06 | 4 | 0.2 | 5.2 | 0.17 | 0.05 | |
| S600419 | 0.5 | 0.03 | 1.5 | 0.11 | 6 | 0.3 | 7.6 | 0.27 | 0.05 | |
| S600420 | 2 | 0.04 | 5.6 | 0.12 | 7 | 0.3 | 7.4 | 0.23 | 0.05 | |
| S600421 | 0.5 | 0.04 | 0.9 | 0.18 | 9 | 0.2 | 10.3 | 0.34 | 0.05 | |
| S600422 | 0.5 | 0.01 | 2.5 | 0.13 | 5 | 0.3 | 9.2 | 0.25 | 0.05 | |
| S600423 | 2 | 0.02 | 4.3 | 0.18 | 6 | 0.3 | 10.5 | 0.59 | 0.05 | |
| S600424 | 0.5 | 0.02 | 0.8 | 0.19 | 7 | 0.3 | 10.4 | 0.26 | 0.05 | |
| S600425 | 0.5 | 0.03 | 6.4 | 0.14 | 8 | 0.2 | 11.1 | 0.05 | 0.05 | |
| S600426 | 0.5 | 0.01 | 7.1 | 0.09 | 4 | 0.2 | 6.8 | 0.08 | 0.05 | |
| S600427 | 0.5 | 0.01 | 3.9 | 0.1 | 4 | 0.2 | 7.2 | 0.07 | 0.05 | |
| S600428 | 0.5 | 0.04 | 17.7 | 0.12 | 7 | 0.3 | 8.5 | 0.35 | 0.05 | |
| S600429 | 0.5 | 0.02 | 2.2 | 0.07 | 4 | 0.3 | 5 | 0.21 | 0.05 | |
| S600430 | 0.5 | 0.01 | 7.6 | 0.1 | 6 | 0.2 | 6.5 | 0.08 | 0.05 | |
| S600431 | 0.5 | 0.01 | 5.6 | 0.12 | 8 | 0.3 | 8 | 0.17 | 0.05 | |
| S600432 | 0.5 | 0.02 | 4 | 0.12 | 7 | 0.3 | 9.3 | 0.15 | 0.05 | |
| S600433 | 0.5 | 0.01 | 6.2 | 0.14 | 8 | 0.2 | 8.2 | 0.14 | 0.05 | |
| S600434 | 0.5 | 0.01 | 4.5 | 0.14 | 5 | 0.2 | 9.2 | 0.002 | 0.05 | near small trenches |
| S600435 | 0.5 | 0.03 | 5.5 | 0.12 | 8 | 0.2 | 8.6 | 0.05 | 0.05 | |
| S600436 | 0.5 | 0.02 | 3.8 | 0.13 | 7 | 0.2 | 14.3 | 0.23 | 0.05 | |
| S600437 | 0.5 | 0.03 | 22.2 | 0.1 | 12 | 0.3 | 7.3 | 0.21 | 0.05 | |
| S600438 | 0.5 | 0.01 | 6.9 | 0.07 | 4 | 0.2 | 4.9 | 0.21 | 0.05 | |
| S600439 | 0.5 | 0.01 | 5.3 | 0.07 | 4 | 0.2 | 4.7 | 0.002 | 0.05 | |
| S600440 | 0.5 | 0.01 | 6.7 | 0.06 | 4 | 0.2 | 5.3 | 0.11 | 0.05 | |
| S600441 | 0.5 | 0.01 | 10.8 | 0.08 | 4 | 0.2 | 6.7 | 0.17 | 0.05 | |
| S600442 | 0.5 | 0.01 | 5.9 | 0.06 | 4 | 0.1 | 5.4 | 0.08 | 0.05 | |
| S600443 | 0.5 | 0.16 | 31.1 | 0.13 | 7 | 0.3 | 9.3 | 0.24 | 0.05 | |
| S600444 | 1 | 0.08 | 3.2 | 0.06 | 3 | 0.3 | 3.9 | 0.11 | 0.05 | |
| S600445 | 1 | 0.01 | 38.1 | 0.14 | 6 | 0.3 | 9.3 | 0.32 | 0.05 | |
| S600446 | 2 | 0.03 | 34.8 | 0.15 | 8 | 0.3 | 12 | 0.27 | 0.05 | |
| S600447 | 5 | 0.04 | 17.5 | 0.14 | 7 | 0.4 | 8.8 | 0.25 | 0.05 | |
| S600448 | 5 | 0.01 | 14.3 | 0.19 | 9 | 0.3 | 12.5 | 0.25 | 0.05 | |
| S600449 | 1 | 0.03 | 13.1 | 0.16 | 6 | 0.3 | 11.7 | 0.28 | 0.05 | |
| S600451 | 4 | 0.02 | 8.6 | 0.14 | 7 | 0.2 | 8.7 | 0.16 | 0.05 | |
| S600452 | 2 | 0.03 | 6.3 | 0.24 | 10 | 0.4 | 14.9 | 0.16 | 0.05 | |
| S600453 | 1 | 0.01 | 9.2 | 0.11 | 4 | 0.3 | 6.3 | 0.33 | 0.05 | |
| S600454 | 7 | 0.12 | 88.3 | 0.31 | 14 | 0.4 | 16.8 | 0.57 | 0.05 | |
| S600455 | 3 | 0.03 | 36.1 | 0.18 | 7 | 0.3 | 10.3 | 0.41 | 0.05 | |
| S600456 | 1 | 0.03 | 37.8 | 0.21 | 9 | 0.4 | 12.1 | 0.59 | 0.1 | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| S600457 | 2 | 0.04 | 26.3 | 0.14 | 7 | 0.3 | 10.5 | 0.46 | 0.05 | |
| S600458 | 4 | 0.01 | 6.6 | 0.13 | 5 | 0.3 | 8.6 | 0.31 | 0.05 | |
| S600459 | 0.5 | 0.01 | 3.6 | 0.16 | 6 | 0.3 | 9.6 | 0.2 | 0.05 | |
| S600460 | 4 | 0.01 | 5.2 | 0.21 | 9 | 0.3 | 7.2 | 0.25 | 0.05 | |
| S600461 | 0.5 | 0.01 | 0.7 | 0.14 | 7 | 0.3 | 9.1 | 0.23 | 0.05 | |
| S600462 | 0.5 | 0.01 | 0.5 | 0.18 | 6 | 0.4 | 8.6 | 0.16 | 0.05 | edge of logging track on ridge top |
| S600463 | 1 | 0.01 | 0.5 | 0.13 | 4 | 0.2 | 5 | 0.11 | 0.05 | edge of logging track on ridge top |
| S600464 | 0.5 | 0.02 | 42.7 | 0.19 | 6 | 0.3 | 9.5 | 0.33 | 0.05 | |
| S600465 | 5 | 0.03 | 47.4 | 0.17 | 6 | 0.4 | 10.1 | 0.47 | 0.05 | |
| S600466 | 0.5 | 0.01 | 35.4 | 0.18 | 7 | 0.3 | 10.5 | 0.26 | 0.05 | |
| S600467 | 3 | 0.01 | 17.4 | 0.16 | 6 | 0.2 | 10.5 | 0.25 | 0.05 | |
| S600468 | 1 | 0.01 | 1.1 | 0.11 | 3 | 0.2 | 5.1 | 0.12 | 0.05 | |
| S600469 | 0.5 | 0.04 | 5.1 | 0.17 | 8 | 0.3 | 12.1 | 0.29 | 0.05 | |
| S600470 | 0.5 | 0.01 | 0.6 | 0.11 | 4 | 0.2 | 7.1 | 0.28 | 0.05 | |
| S600471 | 0.5 | 0.01 | 0.8 | 0.14 | 4 | 0.3 | 7.3 | 0.25 | 0.05 | |
| S600472 | 0.5 | 0.01 | 0.5 | 0.14 | 5 | 0.2 | 7.1 | 0.12 | 0.05 | |
| S600473 | 2 | 0.04 | 1.2 | 0.24 | 11 | 0.8 | 10.8 | 0.24 | 0.05 | |
| S600474 | 0.5 | 0.04 | 2 | 0.17 | 8 | 0.6 | 9.6 | 0.1 | 0.05 | edge of logging track on ridge top |
| S600475 | 1 | 0.02 | 31.8 | 0.11 | 5 | 0.4 | 8.1 | 0.34 | 0.1 | |
| S600476 | 3 | 0.06 | 39.6 | 0.13 | 7 | 0.6 | 12.6 | 0.54 | 0.05 | |
| S600477 | 1 | 0.02 | 21.4 | 0.12 | 6 | 0.8 | 6.6 | 0.46 | 0.05 | |
| S600478 | 2 | 0.01 | 2.1 | 0.13 | 5 | 0.7 | 9 | 0.18 | 0.05 | |
| S600479 | 0.5 | 0.02 | 1.6 | 0.11 | 6 | 0.9 | 6.7 | 0.21 | 0.05 | |
| S600480 | 0.5 | 0.01 | 4.4 | 0.18 | 11 | 0.7 | 13.1 | 0.25 | 0.05 | |
| S600481 | 2 | 0.04 | 1.2 | 0.14 | 9 | 1 | 9.2 | 0.26 | 0.05 | |
| S600482 | 0.5 | 0.01 | 0.5 | 0.12 | 6 | 0.7 | 5.6 | 0.11 | 0.05 | |
| S600483 | 0.5 | 0.01 | 0.5 | 0.08 | 6 | 0.2 | 6.2 | 0.1 | 0.05 | |
| S600484 | 1 | 0.01 | 0.5 | 0.14 | 8 | 0.8 | 8.3 | 0.11 | 0.05 | |
| S600485 | 0.5 | 0.04 | 1.1 | 0.13 | 8 | 1 | 6.2 | 0.23 | 0.05 | |
| S600486 | 0.5 | 0.01 | 15.4 | 0.14 | 5 | 0.4 | 8.6 | 0.58 | 0.1 | |
| S600487 | 0.5 | 0.01 | 3.2 | 0.09 | 4 | 0.3 | 5.9 | 0.34 | 0.05 | |
| S600488 | 0.5 | 0.02 | 2.3 | 0.08 | 5 | 0.9 | 9.4 | 0.08 | 0.05 | |
| S600489 | 1 | 0.03 | 44.7 | 0.21 | 10 | 0.5 | 12.7 | 0.29 | 0.05 | |
| S600490 | 10 | 0.03 | 5.1 | 0.12 | 7 | 0.8 | 7.5 | 0.15 | 0.05 | |
| S600491 | 0.5 | 0.01 | 3.3 | 0.14 | 7 | 0.6 | 9.3 | 0.1 | 0.05 | near prospect trench |
| S600492 | 1 | 0.02 | 2 | 0.21 | 12 | 0.6 | 10.4 | 0.16 | 0.05 | |
| S600493 | 4 | 0.01 | 33.4 | 0.2 | 10 | 0.5 | 10.7 | 0.21 | 0.05 | |
| S600494 | 1 | 0.01 | 0.9 | 0.1 | 6 | 0.7 | 6.3 | 0.13 | 0.05 | |
| S600495 | 0.5 | 0.01 | 0.5 | 0.13 | 6 | 0.9 | 6.8 | 0.21 | 0.05 | |
| S600496 | 0.5 | 0.01 | 0.5 | 0.08 | 5 | 0.3 | 4.2 | 0.23 | 0.05 | |

# Appendix G

## Golden Ridge – Soil Sample Results

GOLDEN RIDGE - SOIL SAMPLE RESULTS

Appendix 7

| | Au | As | Bi | Cu | Mo | Pb | Sb | Te | Zn | Colour | Description |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRS 001 | 0.02 | 62 | 0.16 | 7 | 1.39 | 29 | 0.44 | 0.07 | 31 | | |
| GRS 002 | 0.01 | 60 | 0.15 | 3 | 0.83 | 15 | 0.26 | 0.04 | 26 | | |
| GRS 003 | 0.005 | 148 | 0.19 | 2 | 0.91 | 14 | 0.3 | 0.04 | 18 | | |
| GRS 004 | 0.005 | 119 | 0.18 | 3 | 0.78 | 13 | 0.29 | 0.02 | 16 | | |
| GRS 005 | 0.01 | 65 | 0.07 | 1 | 0.3 | 9 | 0.17 | 0.02 | 8 | | |
| GRS 006 | 0.01 | 152 | 0.25 | 2 | 0.86 | 21 | 0.32 | 0.05 | 19 | | |
| GRS 007 | 0.03 | 110 | 0.09 | 4 | 0.51 | 11 | 0.35 | 0.01 | 7 | | |
| GRS 008 | 0.15 | 26 | 0.09 | 2 | 0.32 | 9 | 0.14 | 0.01 | 5 | | |
| GRS 009 | 0.01 | 33 | 0.19 | 2 | 0.79 | 12 | 0.23 | 0.06 | 10 | | |
| GRS 010 | 0.01 | 343 | 0.22 | 7 | 1.02 | 21 | 0.3 | 0.05 | 38 | | |
| GRS 011 | 0.005 | 10 | 0.07 | 4 | 0.35 | 7 | 0.13 | 0.01 | 7 | | |
| GRS 012 | 0.005 | 17 | 0.13 | 5 | 0.67 | 8 | 0.17 | 0.03 | 12 | | |
| GRS 013 | 0.005 | 8 | 0.09 | 2 | 0.4 | 4 | 0.09 | 0.01 | 4 | | |
| GRS 014 | 0.04 | 33 | 0.07 | 3 | 0.38 | 16 | 0.15 | 0.01 | 19 | | |
| GRS 015 | 0.01 | 36 | 0.04 | 3 | 0.35 | 12 | 0.11 | 0.01 | 14 | | |
| GRS 016 | 0.02 | 40 | 0.06 | 5 | 0.8 | 25 | 0.19 | 0.01 | 10 | | |
| GRS 017 | 0.05 | 62 | 0.09 | 10 | 0.69 | 16 | 0.25 | 0.01 | 23 | | |
| GRS 018 | 0.005 | 18 | 0.07 | 4 | 0.39 | 6 | 0.15 | 0.01 | 5 | | |
| GRS 019 | 0.06 | 28 | 0.09 | 7 | 0.63 | 9 | 0.25 | 0.02 | 6 | | |
| GRS 020 | 0.03 | 27 | 0.12 | 9 | 0.53 | 10 | 0.28 | 0.02 | 10 | | |
| GRS 021 | 0.005 | 18 | 0.03 | 25 | 1.48 | 4 | 0.35 | 0.01 | 4 | | |
| GRS 022 | 0.01 | 29 | 0.08 | 12 | 0.73 | 38 | 0.23 | 0.02 | 20 | | |
| GRS 023 | 0.01 | 37 | 0.08 | 7 | 0.44 | 17 | 0.15 | 0.01 | 44 | | |
| GRS 024 | 0.005 | 22 | 0.11 | 10 | 0.89 | 17 | 0.22 | 0.04 | 43 | | |
| GRS 025 | 0.005 | 27 | 0.14 | 6 | 0.67 | 26 | 0.19 | 0.03 | 48 | | |
| GRS 026 | 0.005 | 11 | 0.07 | 10 | 1.01 | 15 | 0.14 | 0.02 | 37 | | |
| GRS 027 | 0.05 | 17 | 0.09 | 8 | 0.46 | 13 | 0.18 | 0.02 | 26 | | |
| GRS 028 | 0.02 | 52 | 0.32 | 5 | 0.83 | 18 | 0.33 | 0.09 | 17 | | |
| GRS 029 | 0.005 | 12 | 0.06 | 10 | 0.62 | 13 | 0.16 | 0.02 | 21 | | |
| GRS 030 | 0.005 | 7 | 0.05 | 12 | 0.63 | 7 | 0.18 | 0.01 | 14 | | |
| GRS 031 | 0.01 | 7 | 0.14 | 15 | 0.75 | 11 | 0.29 | 0.02 | 20 | | |
| GRS 032 | 0.005 | 5 | 0.05 | 12 | 0.53 | 9 | 0.13 | 0.02 | 25 | | |
| GRS 033 | 0.005 | 7 | 0.2 | 14 | 0.44 | 10 | 0.19 | 0.03 | 37 | | |
| GRS 034 | 0.01 | 12 | 0.29 | 8 | 0.99 | 10 | 0.24 | 0.08 | 18 | | |
| GRS 035 | 0.005 | 6 | 0.15 | 7 | 0.42 | 8 | 0.2 | 0.02 | 10 | | |
| GRS 036 | 0.005 | 4 | 0.14 | 5 | 0.49 | 8 | 0.16 | 0.02 | 8 | | |
| GRS 037 | 0.005 | 12 | 0.24 | 13 | 0.56 | 14 | 0.28 | 0.04 | 27 | | |
| GRS 038 | 0.005 | 5 | 0.11 | 5 | 0.42 | 5 | 0.17 | 0.01 | 8 | | |
| GRS 039 | 0.005 | 6 | 0.16 | 9 | 0.49 | 8 | 0.19 | 0.02 | 14 | | |
| GRS 040 | 0.005 | 5 | 0.13 | 13 | 1.04 | 15 | 0.24 | 0.03 | 13 | | |
| GRS 041 | 0.005 | 7 | 0.12 | 6 | 0.67 | 12 | 0.2 | 0.03 | 14 | | |
| GRS 042 | 0.005 | 3 | 0.11 | 6 | 0.54 | 7 | 0.14 | 0.02 | 8 | | |
| GRS 043 | 0.01 | 4 | 0.1 | 4 | 0.32 | 9 | 0.17 | 0.02 | 7 | | |
| GRS 044 | 0.005 | 10 | 0.18 | 6 | 0.45 | 12 | 0.21 | 0.02 | 16 | | |
| GRS 045 | 0.01 | 6 | 0.13 | 6 | 0.44 | 8 | 0.18 | 0.01 | 7 | | |
| GRS 046 | 0.06 | 5 | 0.07 | 5 | 0.62 | 7 | 0.15 | 0.01 | 5 | | |
| GRS 047 | 0.005 | 3 | 0.06 | 31 | 1.75 | 5 | 0.46 | 0.01 | 5 | | |

Sampling done in 2 parts :
1. Samples GRS-001 to 177 done in December 2102, and;
2. Samples GRS-178 to 251 done in April 2013.

The first group were assayed for gold using method Au-AA26, with DL of 0.01 ppm

The second group were assayed for gold using method Au-AA24, with DL of 0.005 ppm

Comments on clour and description relate to the later group of samples

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| GRS 048 | 0.005 | 8 | 0.13 | 5 | 0.7 | 10 | 0.15 | 0.03 | 8 |
| GRS 049 | 0.005 | 8 | 0.17 | 11 | 1.03 | 9 | 0.2 | 0.04 | 7 |
| GRS 050 | 0.005 | 7 | 0.13 | 18 | 1.13 | 6 | 0.28 | 0.02 | 5 |
| GRS 051 | 0.005 | 4 | 0.12 | 10 | 0.76 | 6 | 0.18 | 0.03 | 4 |
| GRS 052 | 0.005 | 2 | 0.11 | 8 | 0.6 | 5 | 0.14 | 0.02 | 3 |
| GRS 053 | 0.005 | 6 | 0.16 | 6 | 0.56 | 11 | 0.16 | 0.03 | 7 |
| GRS 054 | 0.01 | 26 | 0.36 | 21 | 0.78 | 19 | 0.44 | 0.05 | 27 |
| GRS 055 | 0.005 | 6 | 0.13 | 7 | 0.43 | 8 | 0.21 | 0.01 | 7 |
| GRS 056 | 0.005 | 5 | 0.13 | 12 | 1.29 | 7 | 0.26 | 0.01 | 9 |
| GRS 057 | 0.005 | 7 | 0.09 | 39 | 2.1 | 5 | 0.57 | 0.01 | 7 |
| GRS 058 | 0.005 | 3 | 0.1 | 7 | 0.46 | 6 | 0.24 | 0.01 | 5 |
| GRS 059 | 0.01 | 6 | 0.11 | 31 | 1.83 | 7 | 0.47 | 0.01 | 7 |
| GRS 060 | 0.005 | 2 | 0.07 | 27 | 1.28 | 4 | 0.38 | 0.01 | 3 |
| GRS 061 | 0.005 | 1 | 0.05 | 23 | 1.19 | 3 | 0.28 | 0.01 | 2 |
| GRS 062 | 0.005 | 4 | 0.1 | 5 | 0.49 | 7 | 0.1 | 0.02 | 4 |
| GRS 063 | 0.005 | 3 | 0.11 | 9 | 0.86 | 8 | 0.19 | 0.02 | 6 |
| GRS 064 | 0.01 | 2 | 0.07 | 8 | 0.67 | 4 | 0.16 | 0.01 | 3 |
| GRS 065 | 0.01 | 13 | 0.18 | 9 | 1.09 | 14 | 0.23 | 0.07 | 17 |
| GRS 066 | 0.005 | 10 | 0.13 | 15 | 1.69 | 26 | 0.25 | 0.03 | 12 |
| GRS 067 | 0.005 | 8 | 0.15 | 34 | 2.08 | 9 | 0.44 | 0.02 | 8 |
| GRS 068 | 0.005 | 6 | 0.2 | 8 | 0.9 | 11 | 0.19 | 0.03 | 9 |
| GRS 069 | 0.005 | 11 | 0.23 | 22 | 1.69 | 12 | 0.35 | 0.04 | 10 |
| GRS 070 | 0.005 | 10 | 0.19 | 21 | 1.49 | 9 | 0.38 | 0.04 | 8 |
| GRS 071 | 0.005 | 10 | 0.18 | 23 | 1.58 | 11 | 0.4 | 0.03 | 16 |
| GRS 072 | 0.005 | 2 | 0.07 | 21 | 1.08 | 6 | 0.26 | 0.01 | 4 |
| GRS 073 | 0.01 | 3 | 0.09 | 9 | 0.74 | 4 | 0.22 | 0.01 | 4 |
| GRS 074 | 0.01 | 3 | 0.07 | 9 | 0.75 | 3 | 0.23 | 0.01 | 4 |
| GRS 075 | 0.02 | 3 | 0.04 | 10 | 0.94 | 1 | 0.2 | 0.01 | 2 |
| GRS 076 | 0.005 | 6 | 0.11 | 6 | 0.62 | 9 | 0.14 | 0.02 | 6 |
| GRS 077 | 0.03 | 4 | 0.05 | 38 | 2.1 | 4 | 0.46 | 0.01 | 5 |
| GRS 078 | 0.05 | 4 | 0.06 | 6 | 0.54 | 3 | 0.17 | 0.01 | 4 |
| GRS 079 | 0.02 | 7 | 0.09 | 6 | 0.38 | 5 | 0.2 | 0.01 | 5 |
| GRS 080 | 0.02 | 9 | 0.11 | 8 | 0.37 | 8 | 0.29 | 0.02 | 11 |
| GRS 081 | 0.01 | 8 | 0.2 | 26 | 1.43 | 8 | 0.43 | 0.02 | 11 |
| GRS 082 | 0.02 | 19 | 0.19 | 12 | 1.06 | 14 | 0.29 | 0.04 | 22 |
| GRS 083 | 0.005 | 10 | 0.13 | 5 | 0.83 | 14 | 0.13 | 0.06 | 42 |
| GRS 084 | 0.005 | 30 | 0.1 | 6 | 1.43 | 28 | 0.25 | 0.09 | 46 |
| GRS 085 | 0.005 | 8 | 0.12 | 5 | 0.79 | 16 | 0.12 | 0.07 | 47 |
| GRS 086 | 0.005 | 1 | 0.03 | 6 | 0.83 | 3 | 0.1 | 0.01 | 6 |
| GRS 087 | 0.005 | 3 | 0.05 | 6 | 0.46 | 5 | 0.09 | 0.02 | 14 |
| GRS 088 | 0.02 | 5 | 0.1 | 9 | 0.45 | 11 | 0.17 | 0.01 | 12 |
| GRS 089 | 0.005 | 5 | 0.04 | 22 | 1.4 | 11 | 0.34 | 0.02 | 7 |
| GRS 090 | 0.005 | 3 | 0.05 | 23 | 1.24 | 7 | 0.35 | 0.01 | 5 |
| GRS 091 | 0.005 | 6 | 0.1 | 38 | 2.25 | 7 | 0.48 | 0.02 | 6 |
| GRS 092 | 0.005 | 6 | 0.07 | 13 | 0.89 | 11 | 0.22 | 0.01 | 3 |
| GRS 093 | 0.005 | 2 | 0.04 | 7 | 0.46 | 7 | 0.16 | 0.005 | 4 |
| GRS 094 | 0.005 | 7 | 0.04 | 8 | 0.68 | 8 | 0.22 | 0.01 | 6 |
| GRS 095 | 0.01 | 5 | 0.06 | 7 | 0.63 | 9 | 0.18 | 0.01 | 6 |
| GRS 096 | 0.005 | 2 | 0.04 | 8 | 0.93 | 4 | 0.12 | 0.01 | 4 |
| GRS 097 | 0.005 | 1 | 0.07 | 24 | 1.28 | 6 | 0.29 | 0.01 | 8 |
| GRS 098 | 0.005 | 9 | 0.24 | 11 | 0.53 | 21 | 0.19 | 0.03 | 21 |

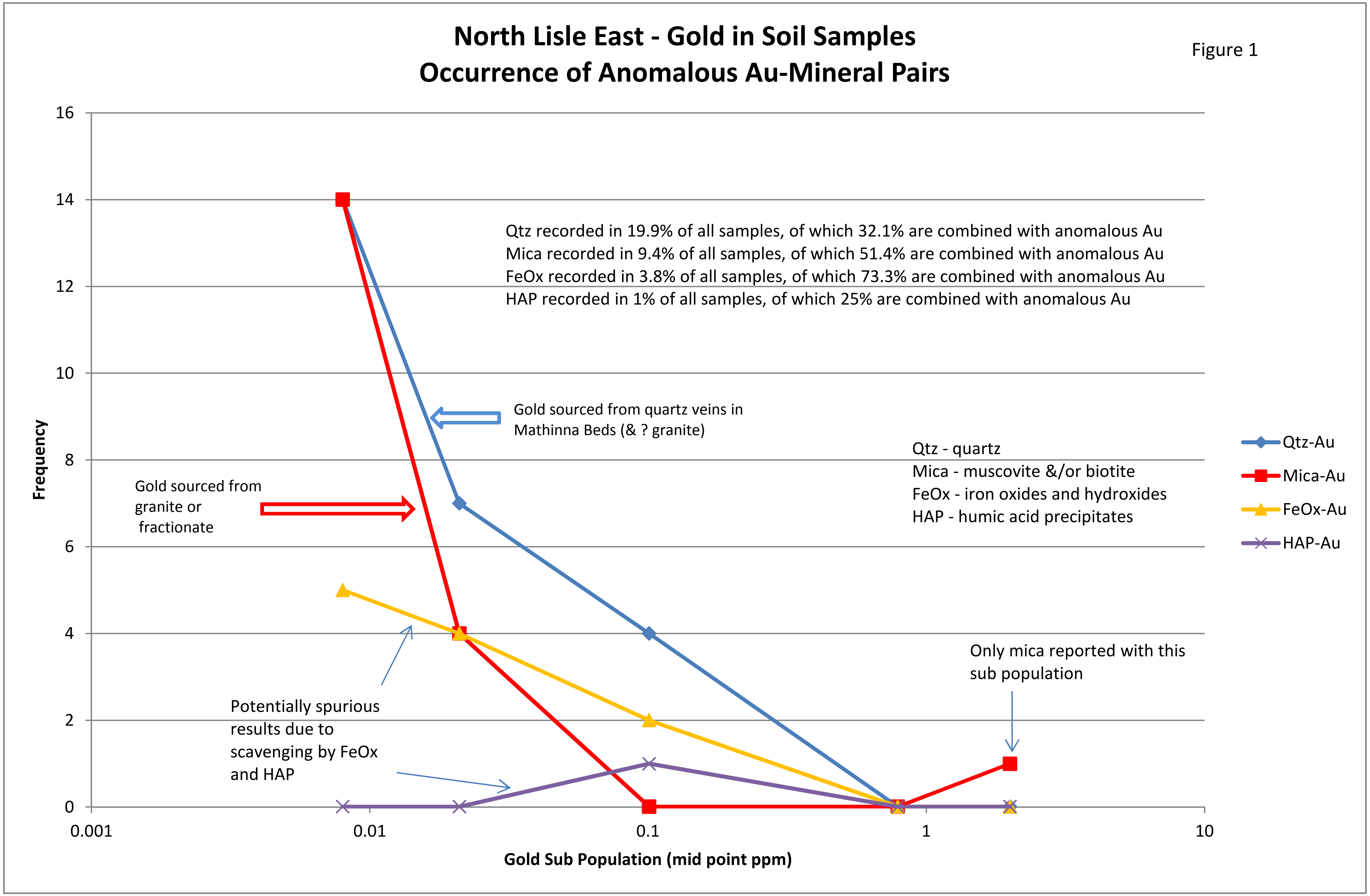
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| GRS 099 | 0.005 | 1 | 0.14 | 19 | 1.01 | 10 | 0.24 | 0.01 | 7 |
| GRS 100 | 0.01 | 3 | 0.21 | 15 | 0.45 | 11 | 0.32 | 0.04 | 46 |
| GRS 101 | 0.005 | 3 | 0.14 | 18 | 0.75 | 7 | 0.28 | 0.005 | 14 |
| GRS 102 | 0.005 | 3 | 0.34 | 17 | 0.4 | 8 | 0.35 | 0.04 | 63 |
| GRS 103 | 0.03 | 2 | 0.14 | 7 | 0.46 | 6 | 0.17 | 0.01 | 10 |
| GRS 104 | 0.005 | 9 | 0.23 | 13 | 0.88 | 14 | 0.23 | 0.03 | 41 |
| GRS 105 | 0.03 | 3 | 0.44 | 12 | 0.43 | 12 | 0.25 | 0.04 | 36 |
| GRS 106 | 0.04 | 7 | 0.23 | 13 | 0.74 | 12 | 0.2 | 0.02 | 30 |
| GRS 107 | 0.07 | 25 | 0.25 | 34 | 1.09 | 20 | 0.35 | 0.16 | 78 |
| GRS 108 | 0.005 | 1 | 0.04 | 4 | 0.39 | 11 | 0.07 | 0.005 | 14 |
| GRS 109 | 0.005 | 5 | 0.05 | 11 | 0.77 | 9 | 0.16 | 0.01 | 25 |
| GRS 110 | 0.005 | 3 | 0.05 | 11 | 0.8 | 11 | 0.18 | 0.01 | 33 |
| GRS 111 | 0.005 | 1 | 0.04 | 16 | 0.97 | 7 | 0.21 | 0.01 | 20 |
| GRS 112 | 0.005 | 1 | 0.05 | 23 | 1.45 | 7 | 0.29 | 0.01 | 20 |
| GRS 113 | 0.005 | 3 | 0.04 | 8 | 0.67 | 6 | 0.13 | 0.01 | 15 |
| GRS 114 | 0.005 | 1 | 0.05 | 5 | 0.47 | 6 | 0.1 | 0.005 | 17 |
| GRS 115 | 0.005 | 2 | 0.06 | 5 | 0.41 | 7 | 0.09 | 0.005 | 13 |
| GRS 116 | 0.01 | 3 | 0.07 | 9 | 1.39 | 8 | 0.14 | 0.01 | 25 |
| GRS 117 | 0.005 | 3 | 0.07 | 20 | 1.25 | 7 | 0.25 | 0.01 | 16 |
| GRS 118 | 0.07 | 6 | 0.08 | 6 | 0.68 | 7 | 0.11 | 0.01 | 13 |
| GRS 119 | 0.005 | 3 | 0.09 | 13 | 0.86 | 7 | 0.19 | 0.02 | 12 |
| GRS 120 | 0.01 | 2 | 0.06 | 25 | 1.27 | 4 | 0.35 | 0.005 | 7 |
| GRS 121 | 0.11 | 3 | 0.04 | 36 | 2 | 2 | 0.47 | 0.005 | 4 |
| GRS 122 | 0.01 | 7 | 0.19 | 14 | 0.96 | 10 | 0.25 | 0.02 | 18 |
| GRS 123 | 0.01 | 2 | 0.04 | 11 | 1.11 | 3 | 0.19 | 0.01 | 4 |
| GRS 124 | 0.005 | 2 | 0.06 | 7 | 0.64 | 3 | 0.17 | 0.005 | 4 |
| GRS 125 | 0.01 | 6 | 0.18 | 10 | 0.75 | 13 | 0.28 | 0.03 | 18 |
| GRS 126 | 0.02 | 6 | 0.08 | 14 | 0.78 | 16 | 0.23 | 0.02 | 17 |
| GRS 127 | 0.08 | 1 | 0.08 | 5 | 0.45 | 5 | 0.13 | 0.01 | 6 |
| GRS 128 | 0.06 | 1 | 0.12 | 9 | 0.4 | 6 | 0.2 | 0.01 | 11 |
| GRS 129 | 0.005 | 2 | 0.14 | 25 | 1.25 | 7 | 0.44 | 0.01 | 16 |
| GRS 130 | 0.01 | 8 | 0.22 | 22 | 0.9 | 16 | 0.3 | 0.04 | 26 |
| GRS 131 | 0.005 | 6 | 0.17 | 25 | 1.35 | 22 | 0.29 | 0.04 | 31 |
| GRS 132 | 0.005 | 4 | 0.21 | 13 | 0.55 | 13 | 0.27 | 0.02 | 22 |
| GRS 133 | 0.02 | 4 | 0.23 | 17 | 0.59 | 11 | 0.29 | 0.02 | 24 |
| GRS 134 | 0.01 | 5 | 0.29 | 8 | 0.32 | 12 | 0.34 | 0.02 | 31 |
| GRS 135 | 0.02 | 7 | 0.28 | 18 | 0.83 | 11 | 0.38 | 0.02 | 30 |
| GRS 137 | 0.005 | 13 | 0.14 | 12 | 0.47 | 11 | 0.21 | 0.02 | 53 |
| GRS 138 | 0.005 | 12 | 0.12 | 17 | 1.02 | 13 | 0.33 | 0.03 | 37 |
| GRS 139 | 0.01 | 10 | 0.24 | 16 | 0.61 | 11 | 0.39 | 0.03 | 40 |
| GRS 140 | 0.02 | 13 | 0.12 | 12 | 0.39 | 11 | 0.23 | 0.02 | 70 |
| GRS 141 | 0.02 | 4 | 0.11 | 40 | 2.17 | 5 | 0.6 | 0.01 | 25 |
| GRS 142 | 0.005 | 3 | 0.16 | 9 | 0.63 | 11 | 0.16 | 0.01 | 20 |
| GRS 143 | 0.01 | 7 | 0.11 | 11 | 0.61 | 11 | 0.2 | 0.01 | 15 |
| GRS 144 | 0.01 | 1 | 0.02 | 5 | 0.43 | 1 | 0.1 | 0.01 | 2 |
| GRS 145 | 0.02 | 1 | 0.07 | 21 | 1.09 | 5 | 0.27 | 0.005 | 4 |
| GRS 146 | 0.02 | 8 | 0.2 | 9 | 0.33 | 17 | 0.23 | 0.03 | 18 |
| GRS 147 | 0.005 | 3 | 0.05 | 27 | 1.5 | 4 | 0.33 | 0.005 | 3 |
| GRS 148 | 0.005 | 1 | 0.04 | 25 | 1.15 | 3 | 0.31 | 0.005 | 6 |
| GRS 149 | 0.005 | 4 | 0.05 | 27 | 1.51 | 5 | 0.34 | 0.01 | 8 |
| GRS 150 | 0.01 | 7 | 0.12 | 26 | 1.73 | 11 | 0.36 | 0.03 | 12 |

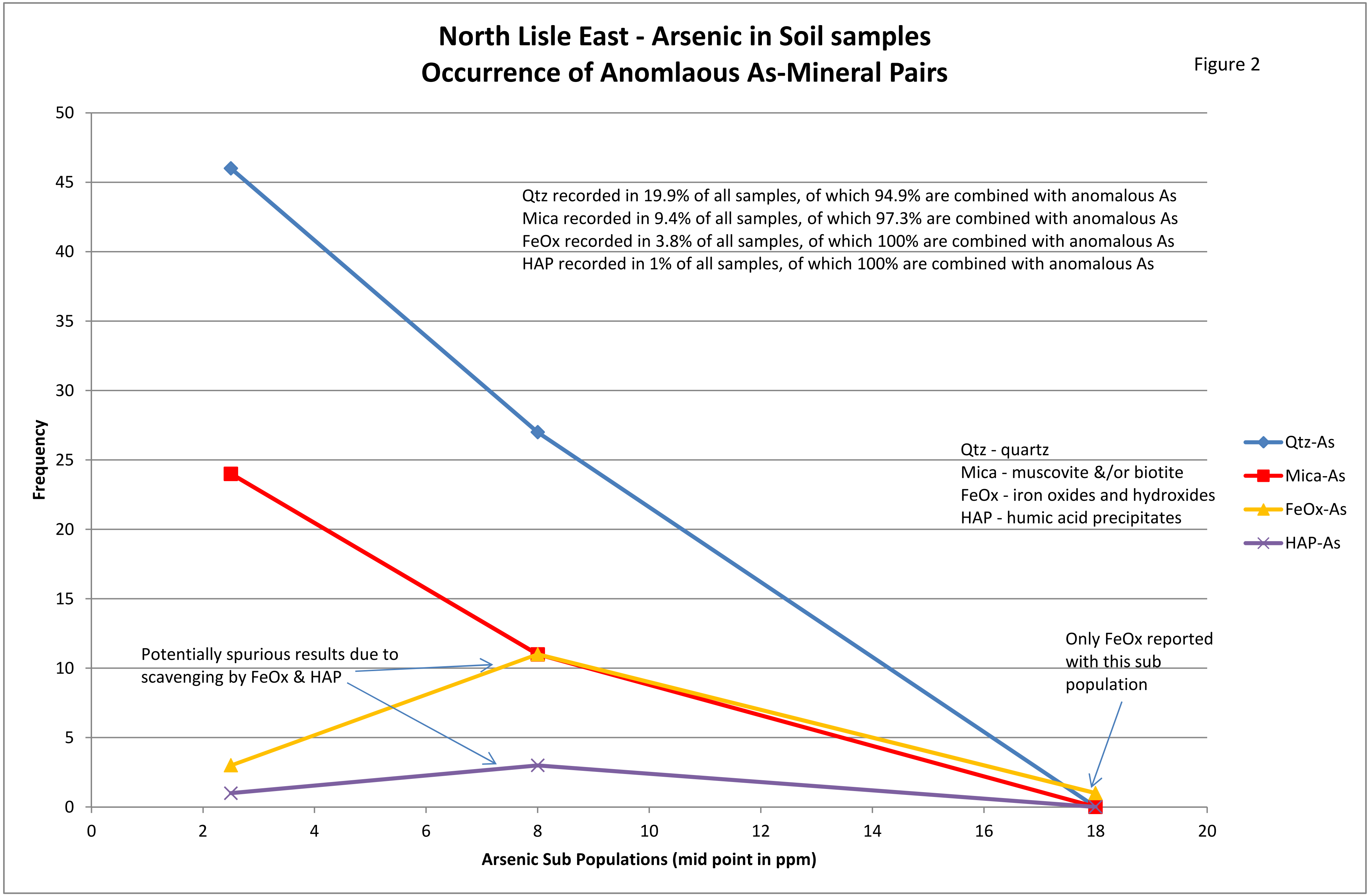
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRS 151 | 0.005 | 3 | 0.09 | 8 | 0.49 | 4 | 0.12 | 0.01 | 5 | | |
| GRS 152 | 0.005 | 2 | 0.12 | 7 | 0.39 | 5 | 0.13 | 0.01 | 11 | | |
| GRS 153 | 0.01 | 3 | 0.07 | 7 | 0.4 | 4 | 0.13 | 0.01 | 6 | | |
| GRS 154 | 0.01 | 2 | 0.04 | 28 | 1.55 | 3 | 0.32 | 0.01 | 5 | | |
| GRS 155 | 0.005 | 1 | 0.03 | 6 | 0.47 | 3 | 0.11 | 0.005 | 3 | | |
| GRS 156 | 0.005 | 2 | 0.04 | 7 | 0.62 | 1 | 0.13 | 0.005 | 2 | | |
| GRS 157 | 0.005 | 1 | 0.04 | 31 | 1.85 | 5 | 0.39 | 0.005 | 3 | | |
| GRS 158 | 0.005 | 1 | 0.05 | 11 | 0.58 | 3 | 0.19 | 0.005 | 4 | | |
| GRS 159 | 0.005 | 3 | 0.04 | 38 | 2.1 | 6 | 0.47 | 0.005 | 3 | | |
| GRS 160 | 0.02 | 2 | 0.03 | 37 | 2.15 | 3 | 0.45 | 0.01 | 4 | | |
| GRS 161 | 0.005 | 7 | 0.19 | 7 | 0.49 | 9 | 0.21 | 0.02 | 15 | | |
| GRS 162 | 0.005 | 1 | 0.06 | 7 | 0.52 | 4 | 0.12 | 0.005 | 5 | | |
| GRS 163 | 0.005 | 1 | 0.03 | 39 | 2.07 | 4 | 0.46 | 0.005 | 6 | | |
| GRS 164 | 0.01 | 1 | 0.11 | 5 | 0.55 | 7 | 0.13 | 0.005 | 5 | | |
| GRS 165 | 0.005 | 1 | 0.04 | 29 | 1.79 | 4 | 0.36 | 0.01 | 2 | | |
| GRS 166 | 0.005 | 1 | 0.03 | 22 | 1.13 | 4 | 0.3 | 0.005 | 4 | | |
| GRS 167 | 0.005 | 2 | 0.02 | 33 | 1.92 | 3 | 0.42 | 0.01 | 4 | | |
| GRS 168 | 0.005 | 1 | 0.02 | 32 | 1.92 | 1 | 0.4 | 0.005 | 2 | | |
| GRS 169 | 0.005 | 1 | 0.04 | 9 | 0.59 | 3 | 0.13 | 0.01 | 3 | | |
| GRS 170 | 0.01 | 1 | 0.03 | 6 | 0.53 | 2 | 0.11 | 0.005 | 3 | | |
| GRS 171 | 0.005 | 2 | 0.08 | 7 | 0.48 | 4 | 0.16 | 0.005 | 5 | | |
| GRS 172 | 0.005 | 3 | 0.05 | 22 | 1.31 | 3 | 0.31 | 0.01 | 6 | | |
| GRS 173 | 0.005 | 2 | 0.05 | 6 | 0.48 | 5 | 0.16 | 0.005 | 5 | | |
| GRS 174 | 0.005 | 1 | 0.05 | 12 | 0.7 | 4 | 0.26 | 0.005 | 5 | | |
| GRS 175 | 0.005 | 2 | 0.06 | 27 | 1.35 | 7 | 0.43 | 0.01 | 5 | | |
| GRS 176 | 0.005 | 1 | 0.04 | 38 | 2.2 | 3 | 0.55 | 0.005 | 3 | | |
| GRS 177 | 0.005 | 2 | 0.04 | 43 | 2.32 | 5 | 0.52 | 0.005 | 6 | | |
| GRS 178 | 0.006 | 38 | 0.16 | 5 | 0.72 | 11 | 0.21 | 0.01 | 12 | orange brown | sandy soil |
| GRS 179 | 0.002 | 29 | 0.16 | 4 | 0.56 | 10 | 0.16 | 0.02 | 15 | orange brown | sandy soil |
| GRS 180 | 0.002 | 23 | 0.14 | 5 | 0.55 | 7 | 0.18 | 0.02 | 13 | orange brown | sandy soil |
| GRS 181 | 0.008 | 26 | 0.2 | 4 | 0.72 | 11 | 0.29 | 0.03 | 19 | red brown | silty clay |
| GRS 182 | 0.002 | 18 | 0.14 | 5 | 0.37 | 8 | 0.19 | 0.02 | 11 | red brown | silty clay |
| GRS 183 | 0.005 | 21 | 0.1 | 5 | 0.31 | 8 | 0.19 | 0.01 | 17 | dark brown | clay/sand |
| GRS 184 | 0.002 | 11 | 0.2 | 9 | 0.39 | 8 | 0.17 | 0.01 | 22 | dark brown | clay with ss fragments |
| GRS 185 | 0.002 | 10 | 0.16 | 10 | 0.36 | 7 | 0.16 | 0.01 | 21 | mid brown | silty soil |
| GRS 186 | 0.018 | 51 | 0.18 | 7 | 0.32 | 17 | 0.33 | 0.01 | 12 | mid brown | silty soil |
| GRS 187 | 0.02 | 61 | 0.29 | 11 | 0.32 | 40 | 0.32 | 0.01 | 22 | orange brown | silty clay |
| GRS 188 | 0.014 | 44 | 0.22 | 7 | 0.3 | 20 | 0.32 | 0.01 | 15 | orange brown | silty clay |
| GRS 189 | 0.031 | 53 | 0.27 | 12 | 0.47 | 30 | 0.39 | 0.02 | 19 | orange brown | silty clay |
| GRS 190 | 0.002 | 25 | 0.25 | 5 | 0.35 | 19 | 0.3 | 0.02 | 16 | orange brown | silty clay |
| GRS 191 | 0.002 | 25 | 0.14 | 8 | 0.17 | 12 | 0.18 | 0.01 | 17 | mid brown | silty soil |
| GRS 192 | 0.002 | 30 | 0.23 | 9 | 0.41 | 18 | 0.39 | 0.02 | 31 | red brown | clay with ss fragments |
| GRS 193 | 0.014 | 50 | 0.23 | 7 | 0.41 | 47 | 0.39 | 0.01 | 20 | mid brown | silty soil |
| GRS 194 | 0.041 | 47 | 0.17 | 7 | 0.62 | 41 | 0.36 | 0.01 | 22 | fawn brown | silty clay |
| GRS 195 | 0.015 | 36 | 0.21 | 10 | 0.41 | 23 | 0.3 | 0.02 | 22 | orange brown | silty soil |
| GRS 196 | 0.002 | 16 | 0.35 | 12 | 0.61 | 19 | 0.4 | 0.02 | 25 | orange brown | silty soil |
| GRS 197 | 0.002 | 15 | 0.37 | 11 | 0.5 | 18 | 0.34 | 0.02 | 20 | orange brown | silty soil |
| GRS 198 | 0.002 | 16 | 0.29 | 9 | 0.43 | 18 | 0.33 | 0.02 | 18 | orange brown | silty soil |
| GRS 199 | 0.014 | 81 | 0.31 | 9 | 0.61 | 39 | 0.5 | 0.02 | 18 | orange brown | silty soil |
| GRS 200 | 0.002 | 20 | 0.27 | 7 | 0.46 | 20 | 0.33 | 0.01 | 12 | orange brown | silty soil |
| GRS 201 | 0.002 | 22 | 0.31 | 11 | 0.37 | 26 | 0.34 | 0.01 | 12 | light orange | silty soil |

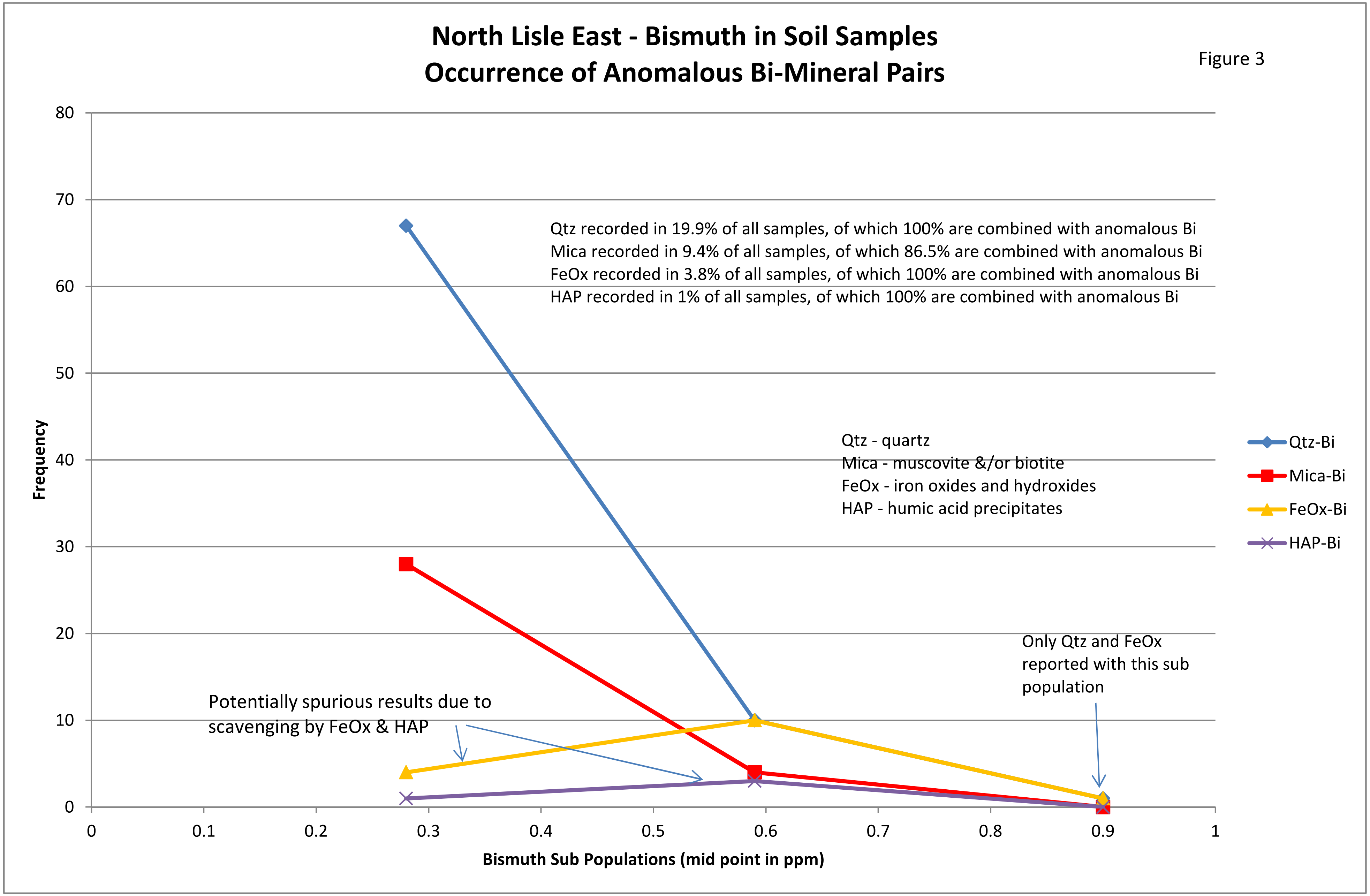
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GRS 202 | 0.002 | 46 | 0.17 | 5 | 0.3 | 19 | 0.3 | 0.01 | 6 | light orange | silty soil |
| GRS 203 | 0.002 | 18 | 0.2 | 6 | 0.4 | 17 | 0.29 | 0.01 | 8 | light orange | silty soil |
| GRS 204 | 0.006 | 32 | 0.15 | 3 | 0.2 | 16 | 0.28 | 0.01 | 12 | light orange | silty soil |
| GRS 205 | 0.011 | 28 | 0.2 | 7 | 0.33 | 30 | 0.28 | 0.02 | 20 | light brown | silty soil |
| GRS 206 | 0.005 | 6 | 0.08 | 6 | 0.43 | 10 | 0.24 | 0.01 | 5 | fawn brown | silty soil |
| GRS 207 | 0.002 | 10 | 0.06 | 4 | 0.52 | 6 | 0.15 | 0.01 | 6 | fawn | silty soil |
| GRS 208 | 0.035 | 8 | 0.04 | 4 | 0.27 | 8 | 0.16 | 0.005 | 3 | fawn | sandy soil |
| GRS 209 | 0.002 | 7 | 0.06 | 7 | 0.41 | 7 | 0.19 | 0.01 | 5 | fawn | sandy soil |
| GRS 210 | 0.021 | 41 | 0.18 | 6 | 0.19 | 46 | 0.3 | 0.005 | 38 | fawn | sandy soil |
| GRS 211 | 0.002 | 8 | 0.09 | 6 | 0.27 | 10 | 0.17 | 0.01 | 14 | fawn | silty soil |
| GRS 212 | 0.002 | 16 | 0.19 | 8 | 0.21 | 16 | 0.18 | 0.02 | 16 | orange fawn | silty soil |
| GRS 213 | 0.002 | 9 | 0.15 | 6 | 0.2 | 12 | 0.14 | 0.01 | 11 | orange fawn | silty soil |
| GRS 214 | 0.002 | 10 | 0.23 | 13 | 0.52 | 12 | 0.24 | 0.01 | 14 | orange brown | silty soil |
| GRS 215 | 0.002 | 6 | 0.17 | 8 | 0.31 | 16 | 0.21 | 0.01 | 13 | orange brown | silty soil |
| GRS 216 | 0.002 | 5 | 0.14 | 5 | 0.25 | 11 | 0.18 | 0.02 | 14 | orange brown | silty soil |
| GRS 217 | 0.002 | 7 | 0.17 | 8 | 0.45 | 11 | 0.23 | 0.01 | 16 | orange brown | silty soil |
| GRS 218 | 0.002 | 2 | 0.17 | 7 | 0.41 | 12 | 0.22 | 0.005 | 17 | orange brown | silty soil |
| GRS 219 | 0.002 | 2 | 0.12 | 6 | 0.44 | 7 | 0.21 | 0.005 | 10 | fawn | silty soil |
| GRS 220 | 0.002 | 5 | 0.25 | 18 | 0.36 | 14 | 0.24 | 0.01 | 29 | fawn | silty soil |
| GRS 221 | 0.009 | 2 | 0.12 | 7 | 0.4 | 8 | 0.25 | 0.005 | 10 | fawn | silty soil |
| GRS 222 | 0.002 | 4 | 0.28 | 6 | 0.28 | 9 | 0.37 | 0.01 | 17 | fawn | silty soil |
| GRS 223 | 0.002 | 4 | 0.18 | 7 | 0.29 | 9 | 0.26 | 0.01 | 16 | fawn brown | silty soil |
| GRS 224 | 0.002 | 6 | 0.24 | 11 | 0.25 | 17 | 0.28 | 0.01 | 25 | fawn brown | silty soil |
| GRS 225 | 0.002 | 3 | 0.25 | 7 | 0.15 | 16 | 0.29 | 0.02 | 15 | fawn brown | silty soil; talus; organics |
| GRS 226 | 0.002 | 10 | 0.29 | 11 | 0.2 | 19 | 0.39 | 0.01 | 23 | light fawn | silty clay |
| GRS 227 | 0.002 | 6 | 0.29 | 11 | 0.52 | 17 | 0.35 | 0.005 | 13 | fawn | silty clay |
| GRS 228 | 0.002 | 4 | 0.22 | 4 | 0.29 | 11 | 0.31 | 0.01 | 6 | light fawn | silty soil |
| GRS 229 | 0.002 | 11 | 0.4 | 8 | 0.5 | 14 | 0.48 | 0.02 | 13 | light fawn | silty soil |
| GRS 230 | 0.002 | 8 | 0.21 | 7 | 0.45 | 10 | 0.43 | 0.01 | 6 | beige | silty soil |
| GRS 231 | 0.002 | 5 | 0.2 | 4 | 0.32 | 13 | 0.31 | 0.01 | 5 | light fawn | silty soil |
| GRS 232 | 0.002 | 13 | 0.25 | 10 | 0.91 | 15 | 0.58 | 0.01 | 10 | beige | silty soil |
| GRS 233 | 0.002 | 9 | 0.19 | 6 | 0.47 | 14 | 0.32 | 0.005 | 5 | orange fawn | silty soil |
| GRS 234 | 0.002 | 16 | 0.26 | 3 | 0.53 | 13 | 0.44 | 0.01 | 7 | orange fawn | silty clay |
| GRS 235 | 0.002 | 4 | 0.11 | 6 | 0.33 | 8 | 0.22 | 0.01 | 3 | pale fawn | silty soil |
| GRS 236 | 0.002 | 6 | 0.18 | 5 | 0.24 | 9 | 0.26 | 0.01 | 8 | pale beige | silty soil |
| GRS 237 | 0.002 | 3 | 0.09 | 2 | 0.13 | 5 | 0.17 | 0.005 | 3 | cream | silty soil |
| GRS 238 | 0.002 | 8 | 0.19 | 6 | 0.25 | 12 | 0.43 | 0.01 | 13 | pale orange | silty soil |
| GRS 239 | 0.002 | 5 | 0.23 | 7 | 0.3 | 17 | 0.5 | 0.01 | 13 | light fawn | silty soil |
| GRS 240 | 0.002 | 6 | 0.07 | 3 | 0.18 | 5 | 0.23 | 0.005 | 3 | light fawn | silty soil |
| GRS 241 | 0.002 | 3 | 0.1 | 5 | 0.25 | 6 | 0.29 | 0.005 | 5 | light fawn | silty soil |
| GRS 242 | 0.002 | 5 | 0.15 | 15 | 0.44 | 12 | 0.37 | 0.005 | 19 | fawn | silty soil |
| GRS 243 | 0.002 | 10 | 0.15 | 4 | 0.23 | 8 | 0.34 | 0.005 | 11 | light orange | silty clay |
| GRS 244 | 0.002 | 6 | 0.15 | 6 | 0.27 | 11 | 0.31 | 0.01 | 11 | beige | silty clay |
| GRS 245 | 0.002 | 9 | 0.23 | 13 | 0.4 | 15 | 0.43 | 0.01 | 15 | light orange | silty clay |
| GRS 246 | 0.002 | 8 | 0.28 | 11 | 0.2 | 20 | 0.53 | 0.02 | 15 | light fawn | silty soil |
| GRS 247 | 0.002 | 8 | 0.26 | 9 | 0.14 | 15 | 0.32 | 0.01 | 6 | light fawn | silty soil |
| GRS 248 | 0.002 | 3 | 0.25 | 8 | 0.2 | 14 | 0.37 | 0.02 | 9 | light fawn | silty soil |
| GRS 249 | 0.002 | 3 | 0.19 | 7 | 0.16 | 18 | 0.25 | 0.01 | 5 | light fawn | silty soil |
| GRS 250 | 0.002 | 3 | 0.16 | 4 | 0.18 | 11 | 0.28 | 0.005 | 3 | light fawn | silty soil |
| GRS 251 | 0.002 | 6 | 0.16 | 4 | 0.21 | 11 | 0.32 | 0.01 | 5 | orange fawn | silty soil |

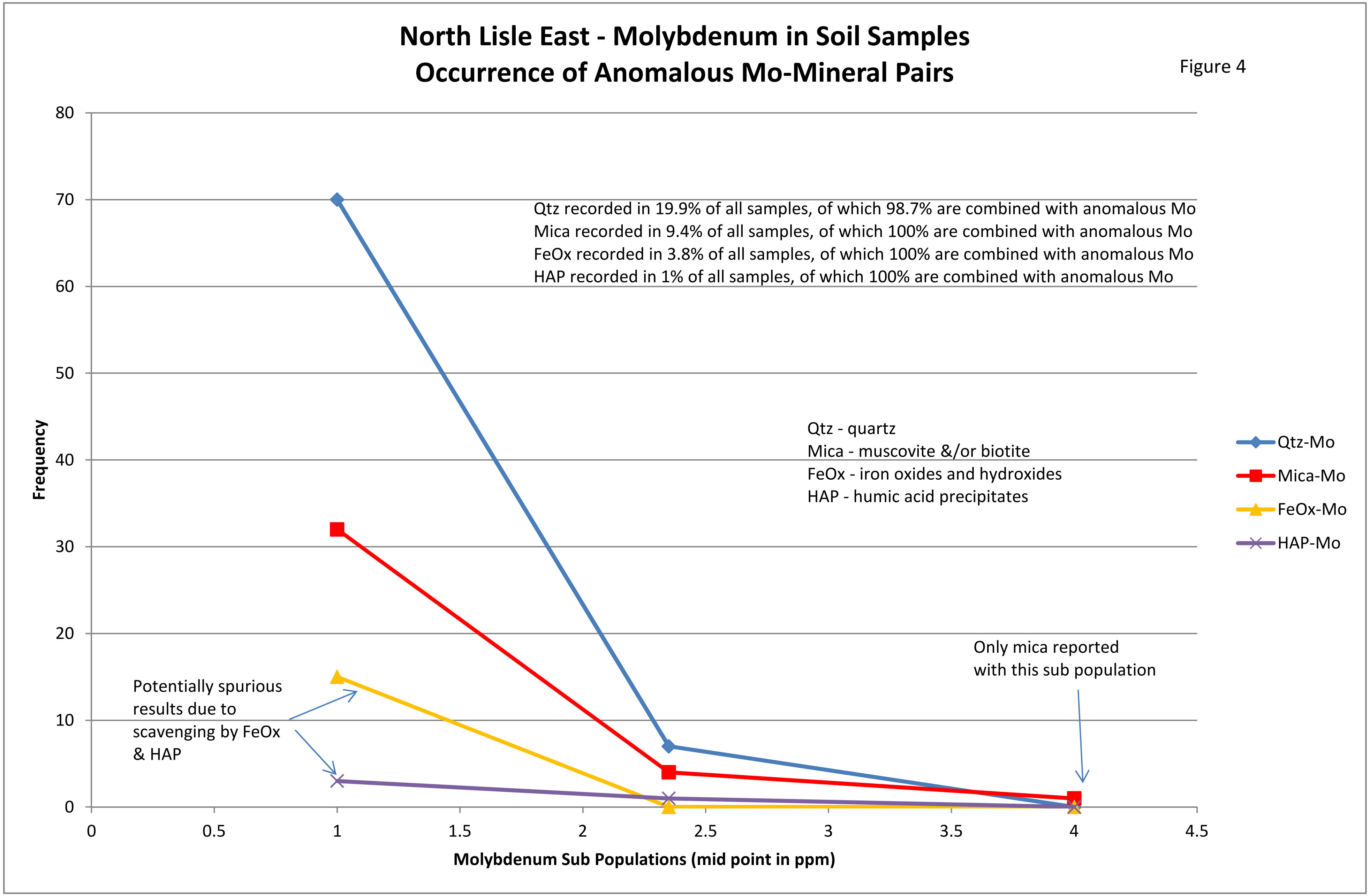
# Appendix H

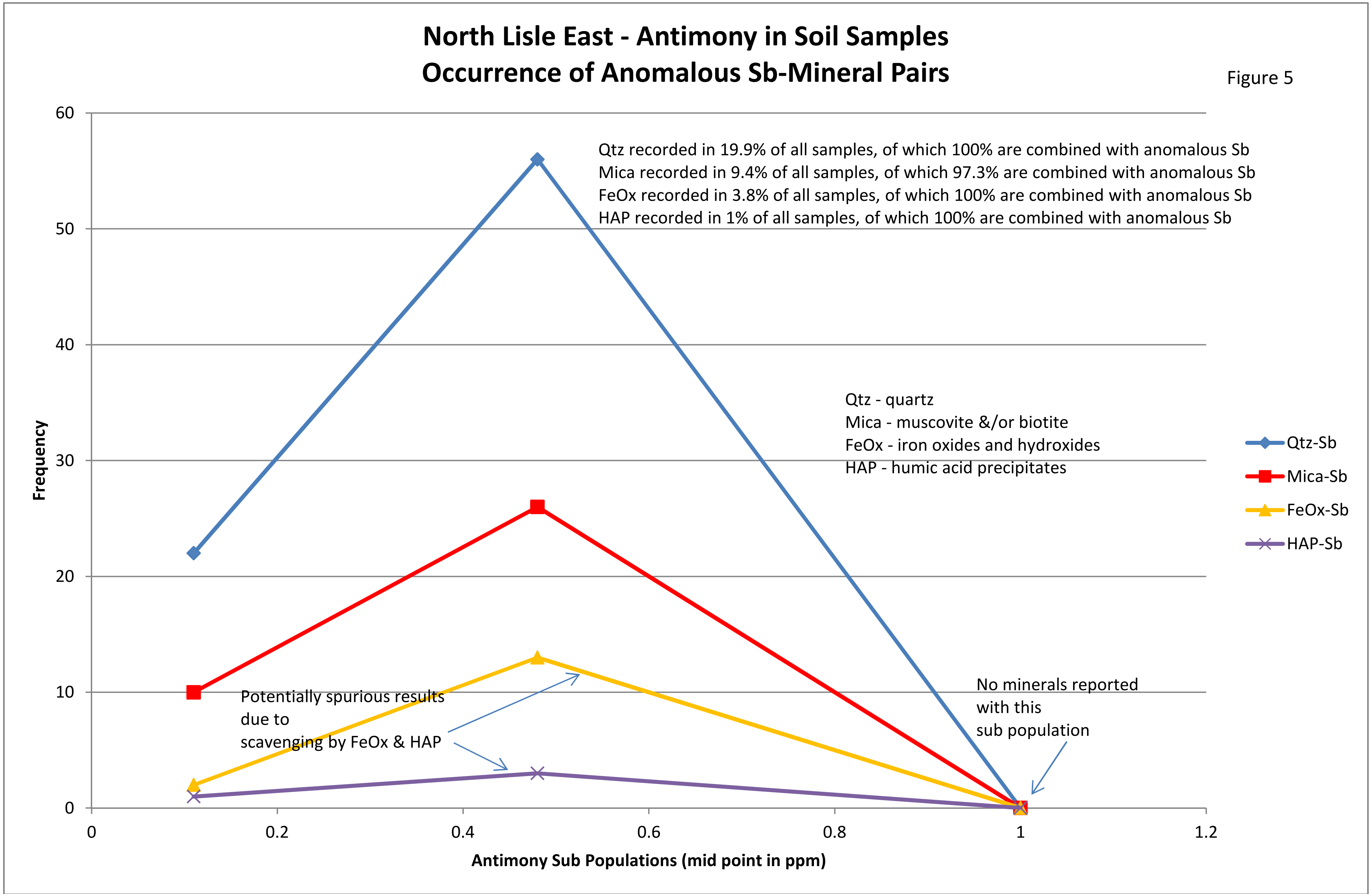
## Figures 1-14


North Lisle East - Gold in Soil Samples
Occurrence of Anomalous Au-Mineral Pairs
Figure 1
Qtz recorded in 19.9% of all samples, of which 32.1% are combined with anomalous Au
Mica recorded in 9.4% of all samples, of which 51.4% are combined with anomalous Au
FeOx recorded in 3.8% of all samples, of which 73.3% are combined with anomalous Au
HAP recorded in 1% of all samples, of which 25% are combined with anomalous Au
Gold sourced from quartz veins in Mathinna Beds (& ? granite)
Gold sourced from granite or fractionate
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Only mica reported with this sub population
Potentially spurious results due to scavenging by FeOx and HAP
Qtz-Au
Mica-Au
FeOx-Au
HAP-Au
Frequency
0
2
4
6
8
10
12
14
16
0.001
0.01
0.1
1
10
Gold Sub Population (mid point ppm)

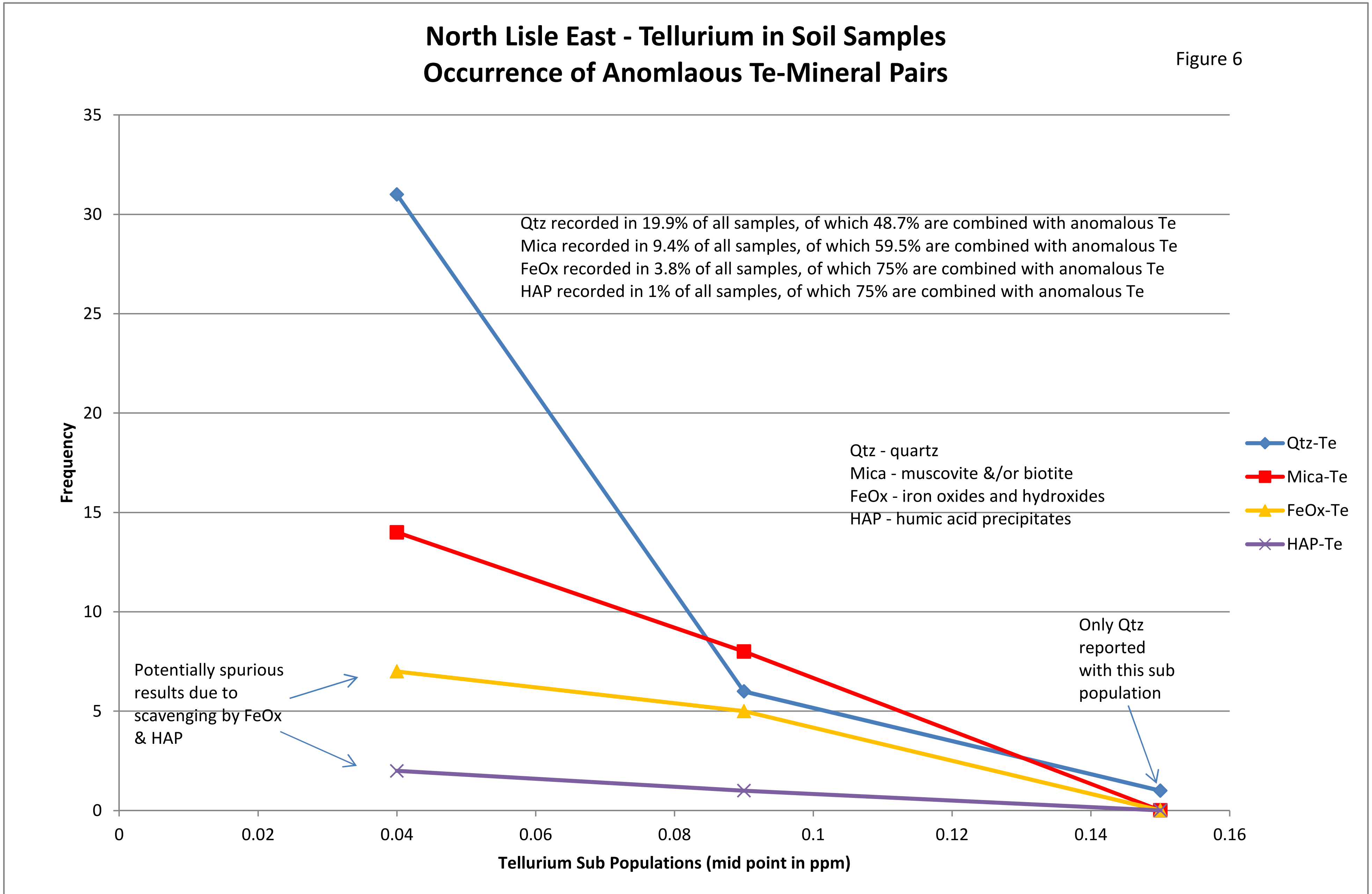

North Lisle East - Arsenic in Soil samples
Occurrence of Anomlaous As-Mineral Pairs
Figure 2
Qtz recorded in 19.9% of all samples, of which 94.9% are combined with anomalous As
Mica recorded in 9.4% of all samples, of which 97.3% are combined with anomalous As
FeOx recorded in 3.8% of all samples, of which 100% are combined with anomalous As
HAP recorded in 1% of all samples, of which 100% are combined with anomalous As
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Potentially spurious results due to scavenging by FeOx & HAP
Only FeOx reported with this sub population
Frequency
Arsenic Sub Populations (mid point in ppm)
0
5
10
15
20
25
30
35
40
45
50
0
2
4
6
8
10
12
14
16
18
20
Qtz-As
Mica-As
FeOx-As
HAP-As

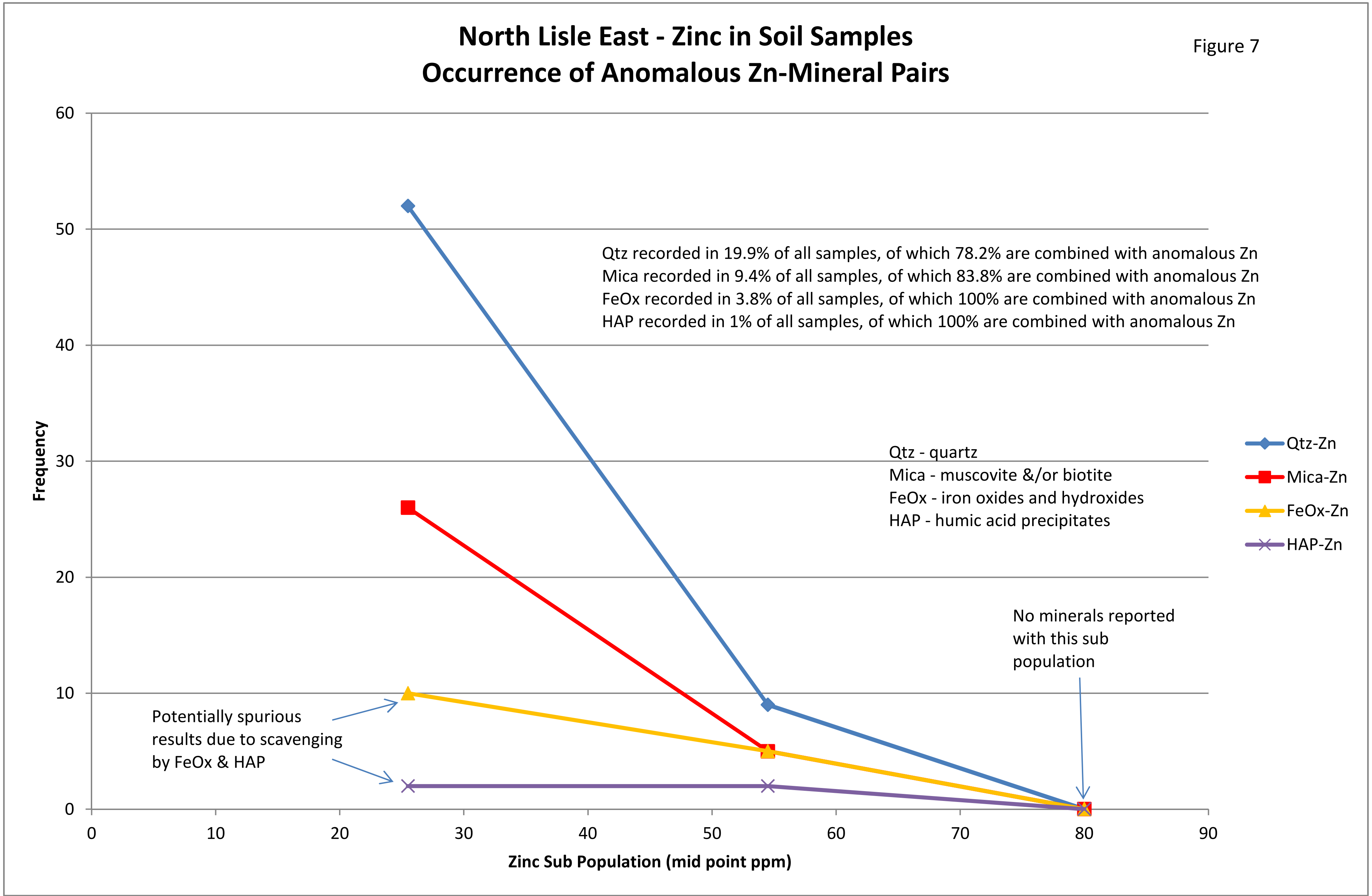

North Lisle East - Bismuth in Soil Samples
Occurrence of Anomalous Bi-Mineral Pairs
Figure 3
Frequency
80
70
60
50
40
30
20
10
0
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Bismuth Sub Populations (mid point in ppm)
Qtz recorded in 19.9% of all samples, of which 100% are combined with anomalous Bi
Mica recorded in 9.4% of all samples, of which 86.5% are combined with anomalous Bi
FeOx recorded in 3.8% of all samples, of which 100% are combined with anomalous Bi
HAP recorded in 1% of all samples, of which 100% are combined with anomalous Bi
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Only Qtz and FeOx reported with this sub population
Potentially spurious results due to scavenging by FeOx & HAP
Qtz-Bi
Mica-Bi
FeOx-Bi
HAP-Bi

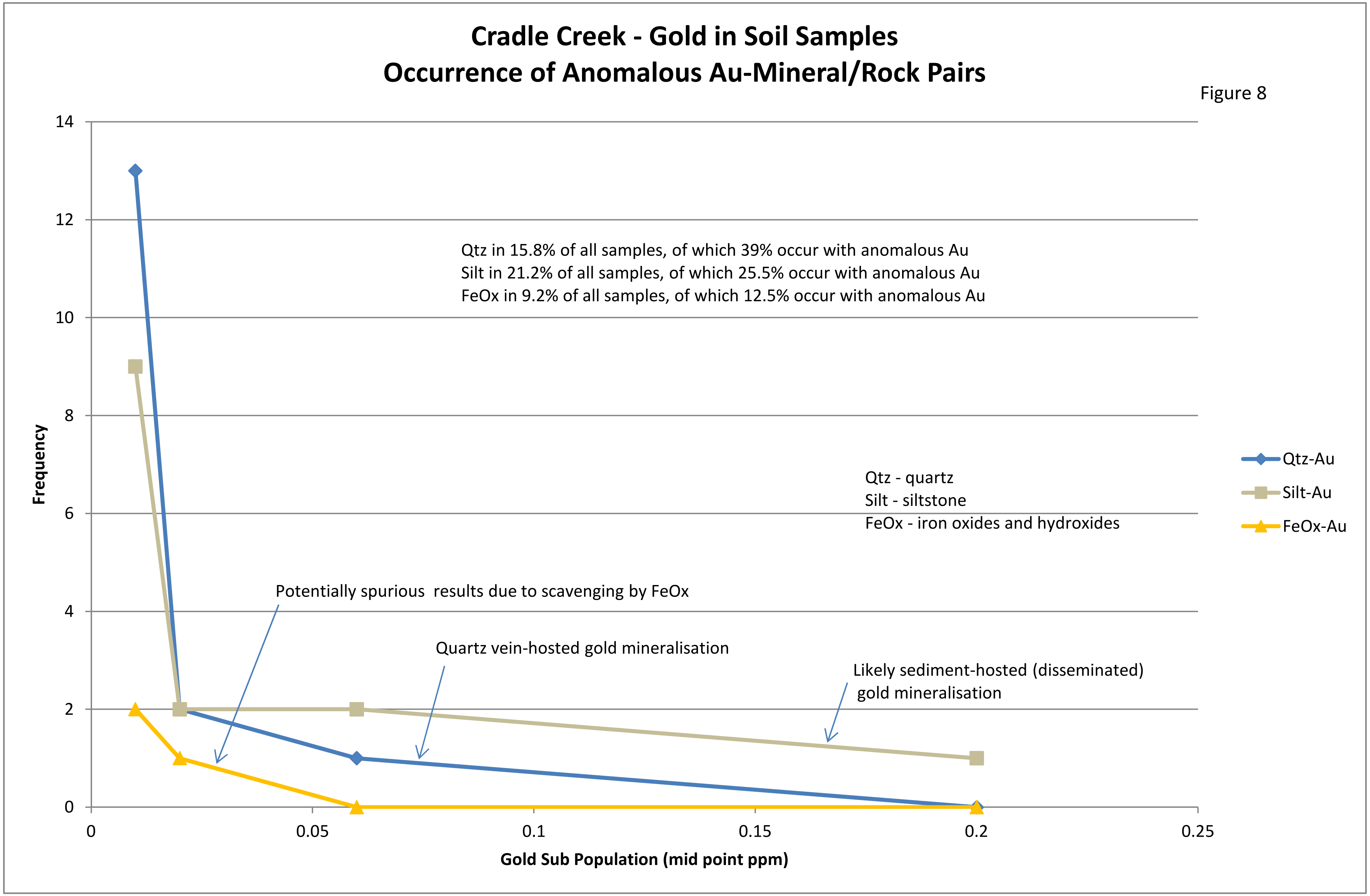

North Lisle East - Molybdenum in Soil Samples
Occurrence of Anomalous Mo-Mineral Pairs
Figure 4
Qtz recorded in 19.9% of all samples, of which 98.7% are combined with anomalous Mo
Mica recorded in 9.4% of all samples, of which 100% are combined with anomalous Mo
FeOx recorded in 3.8% of all samples, of which 100% are combined with anomalous Mo
HAP recorded in 1% of all samples, of which 100% are combined with anomalous Mo
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Potentially spurious results due to scavenging by FeOx & HAP
Only mica reported with this sub population
Frequency
Molybdenum Sub Populations (mid point in ppm)
Qtz-Mo
Mica-Mo
FeOx-Mo
HAP-Mo
0
10
20
30
40
50
60
70
80
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5



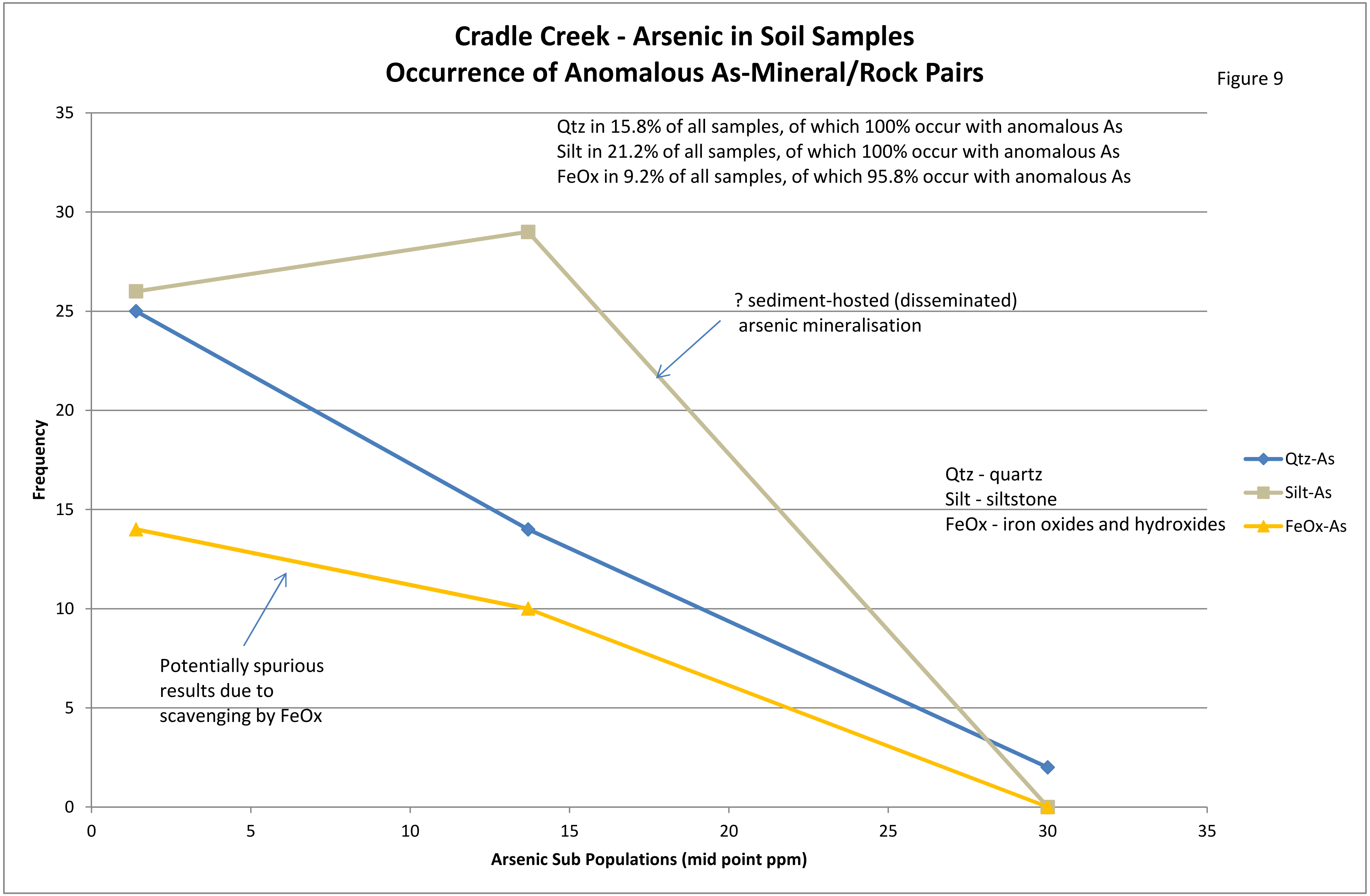
North Lisle East - Antimony in Soil Samples
Occurrence of Anomalous Sb-Mineral Pairs
Figure 5
Frequency
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
Antimony Sub Populations (mid point in ppm)
Qtz recorded in 19.9% of all samples, of which 100% are combined with anomalous Sb
Mica recorded in 9.4% of all samples, of which 97.3% are combined with anomalous Sb
FeOx recorded in 3.8% of all samples, of which 100% are combined with anomalous Sb
HAP recorded in 1% of all samples, of which 100% are combined with anomalous Sb
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Qtz-Sb
Mica-Sb
FeOx-Sb
HAP-Sb
Potentially spurious results
due to
scavenging by FeOx & HAP
No minerals reported
with this
sub population

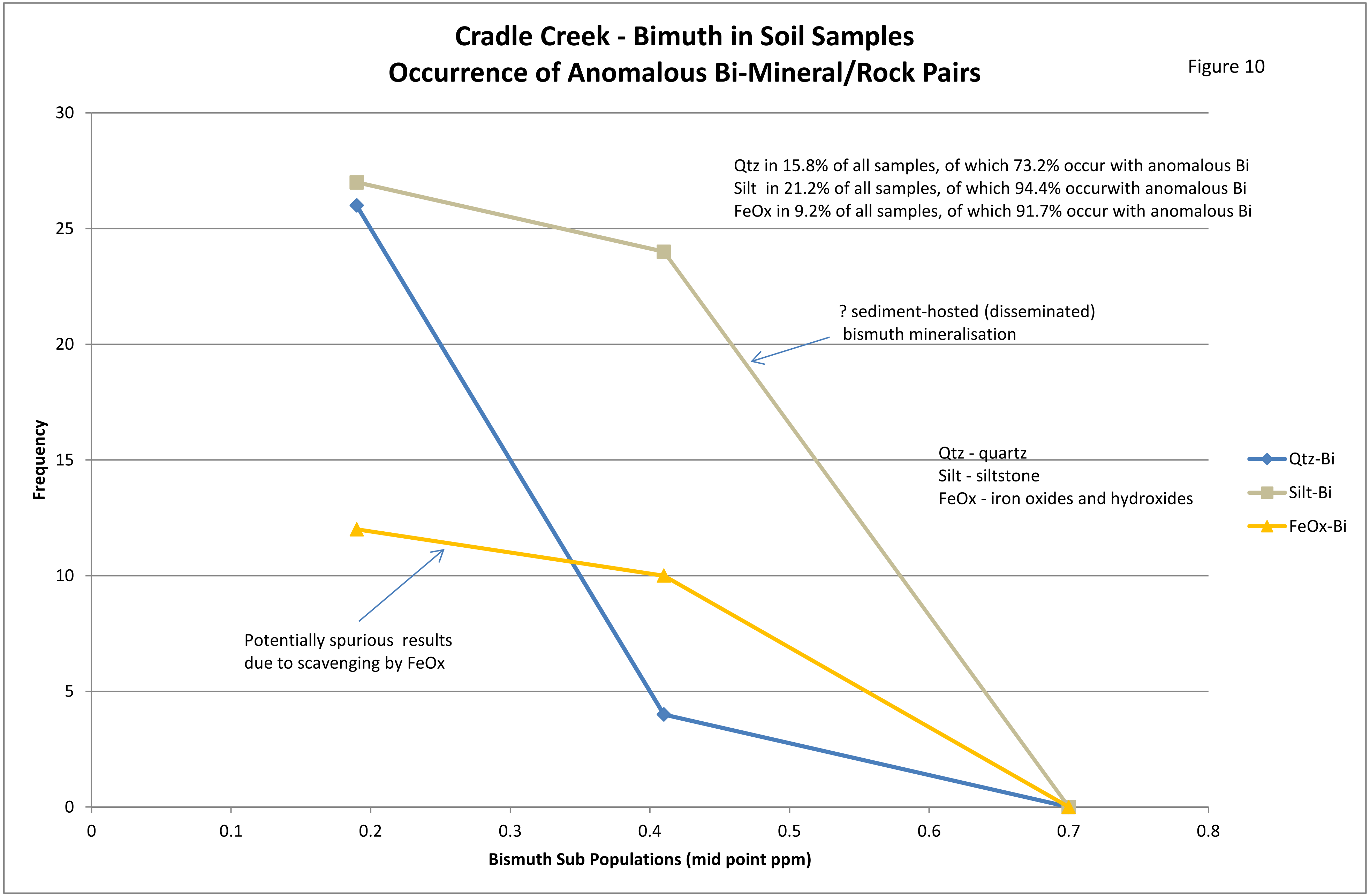

North Lisle East - Tellurium in Soil Samples
Occurrence of Anomlaous Te-Mineral Pairs
Figure 6
Qtz recorded in 19.9% of all samples, of which 48.7% are combined with anomalous Te
Mica recorded in 9.4% of all samples, of which 59.5% are combined with anomalous Te
FeOx recorded in 3.8% of all samples, of which 75% are combined with anomalous Te
HAP recorded in 1% of all samples, of which 75% are combined with anomalous Te
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
Only Qtz reported with this sub population
Potentially spurious results due to scavenging by FeOx & HAP
Frequency
0
5
10
15
20
25
30
35
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
Tellurium Sub Populations (mid point in ppm)
Qtz-Te
Mica-Te
FeOx-Te
HAP-Te

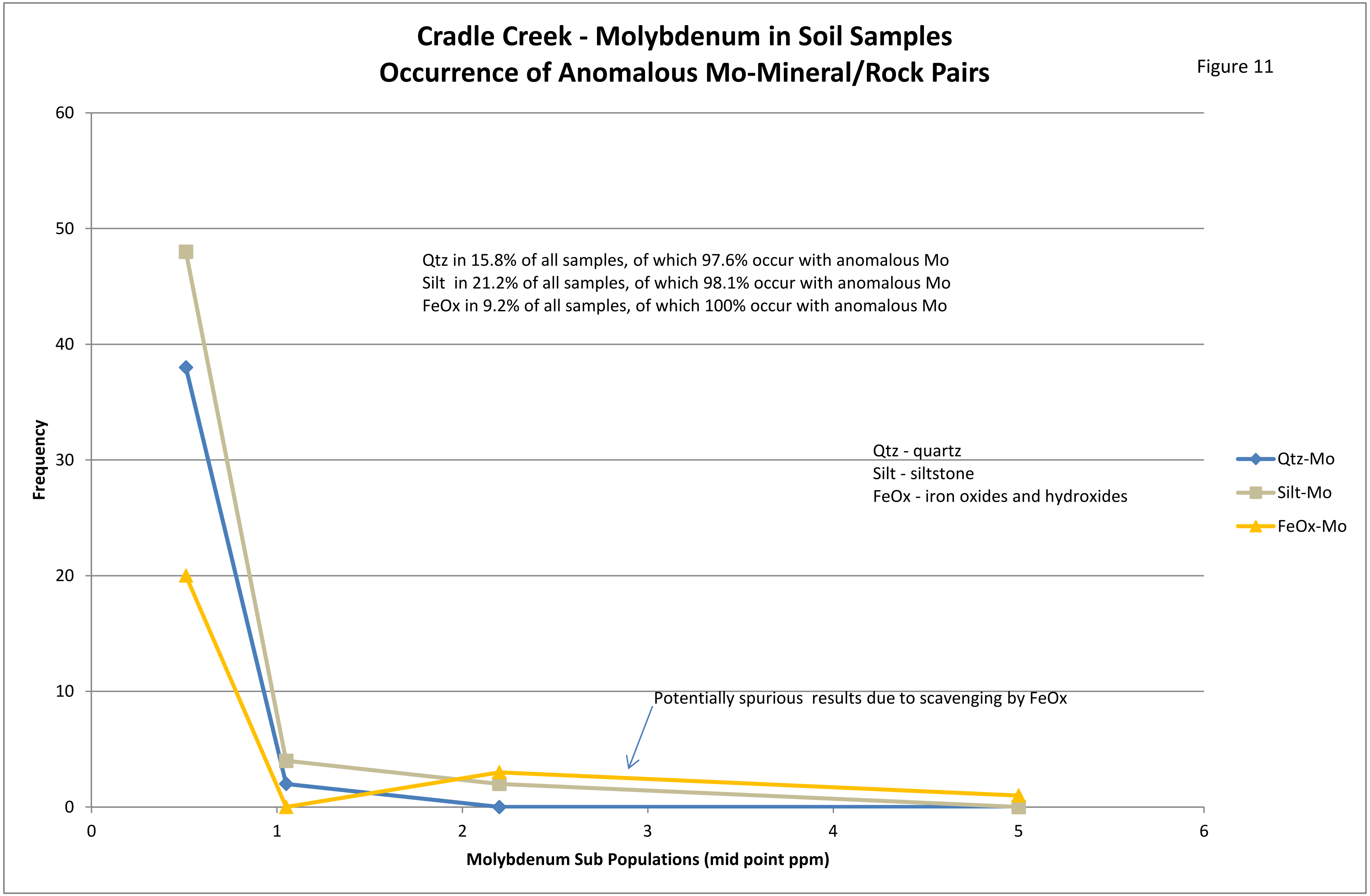

North Lisle East - Zinc in Soil Samples
Occurrence of Anomalous Zn-Mineral Pairs
Figure 7
Qtz recorded in 19.9% of all samples, of which 78.2% are combined with anomalous Zn
Mica recorded in 9.4% of all samples, of which 83.8% are combined with anomalous Zn
FeOx recorded in 3.8% of all samples, of which 100% are combined with anomalous Zn
HAP recorded in 1% of all samples, of which 100% are combined with anomalous Zn
Qtz - quartz
Mica - muscovite &/or biotite
FeOx - iron oxides and hydroxides
HAP - humic acid precipitates
No minerals reported with this sub population
Potentially spurious results due to scavenging by FeOx & HAP
Frequency
Zinc Sub Population (mid point ppm)
0
10
20
30
40
50
60
70
80
90
Qtz-Zn
Mica-Zn
FeOx-Zn
HAP-Zn

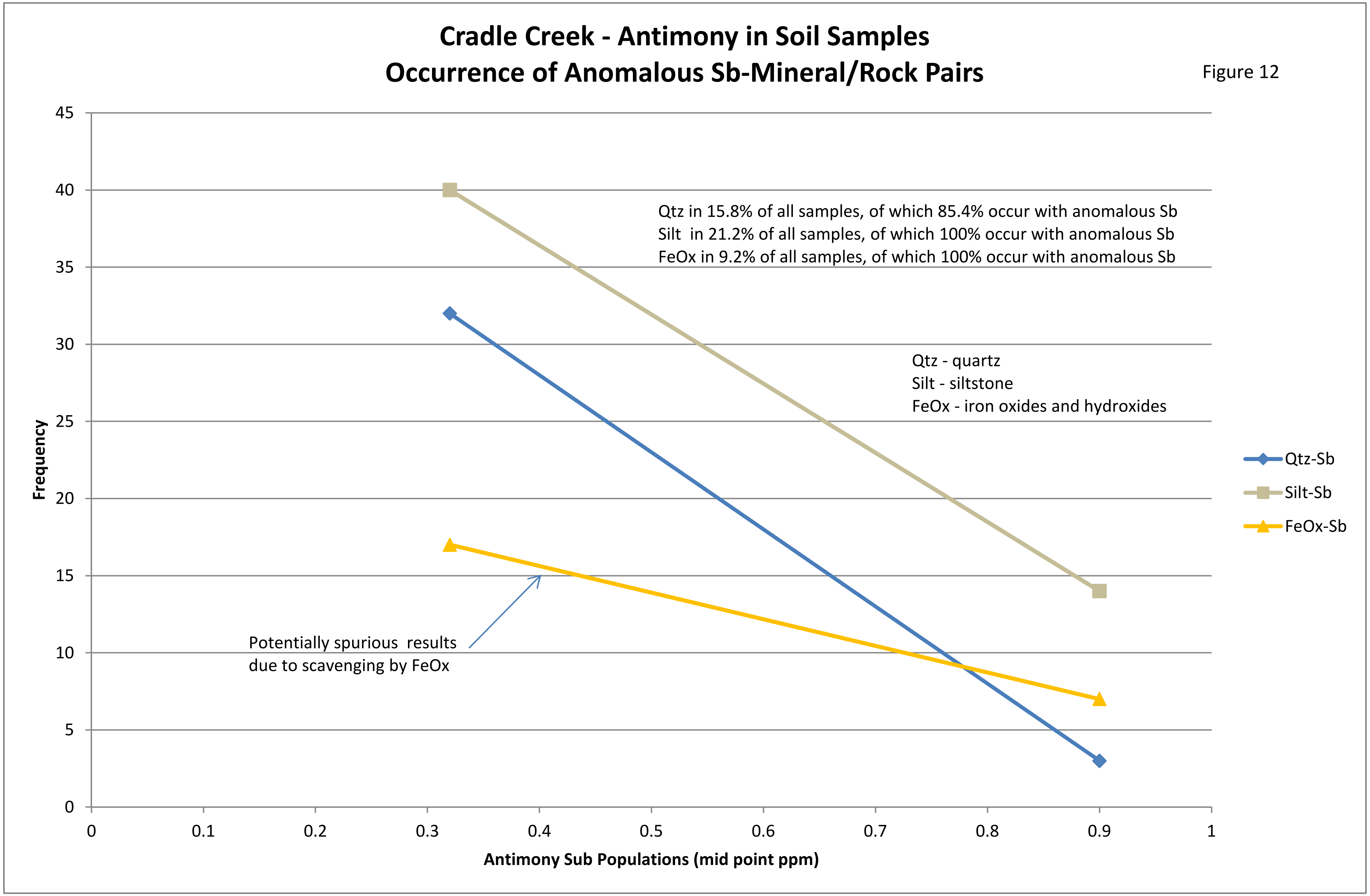


Cradle Creek - Gold in Soil Samples
Occurrence of Anomalous Au-Mineral/Rock Pairs
Figure 8
Frequency
14
12
10
8
6
4
2
0
0
0.05
0.1
0.15
0.2
0.25
Gold Sub Population (mid point ppm)
Qtz in 15.8% of all samples, of which 39% occur with anomalous Au
Silt in 21.2% of all samples, of which 25.5% occur with anomalous Au
FeOx in 9.2% of all samples, of which 12.5% occur with anomalous Au
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Potentially spurious results due to scavenging by FeOx
Quartz vein-hosted gold mineralisation
Likely sediment-hosted (disseminated) gold mineralisation
Qtz-Au
Silt-Au
FeOx-Au

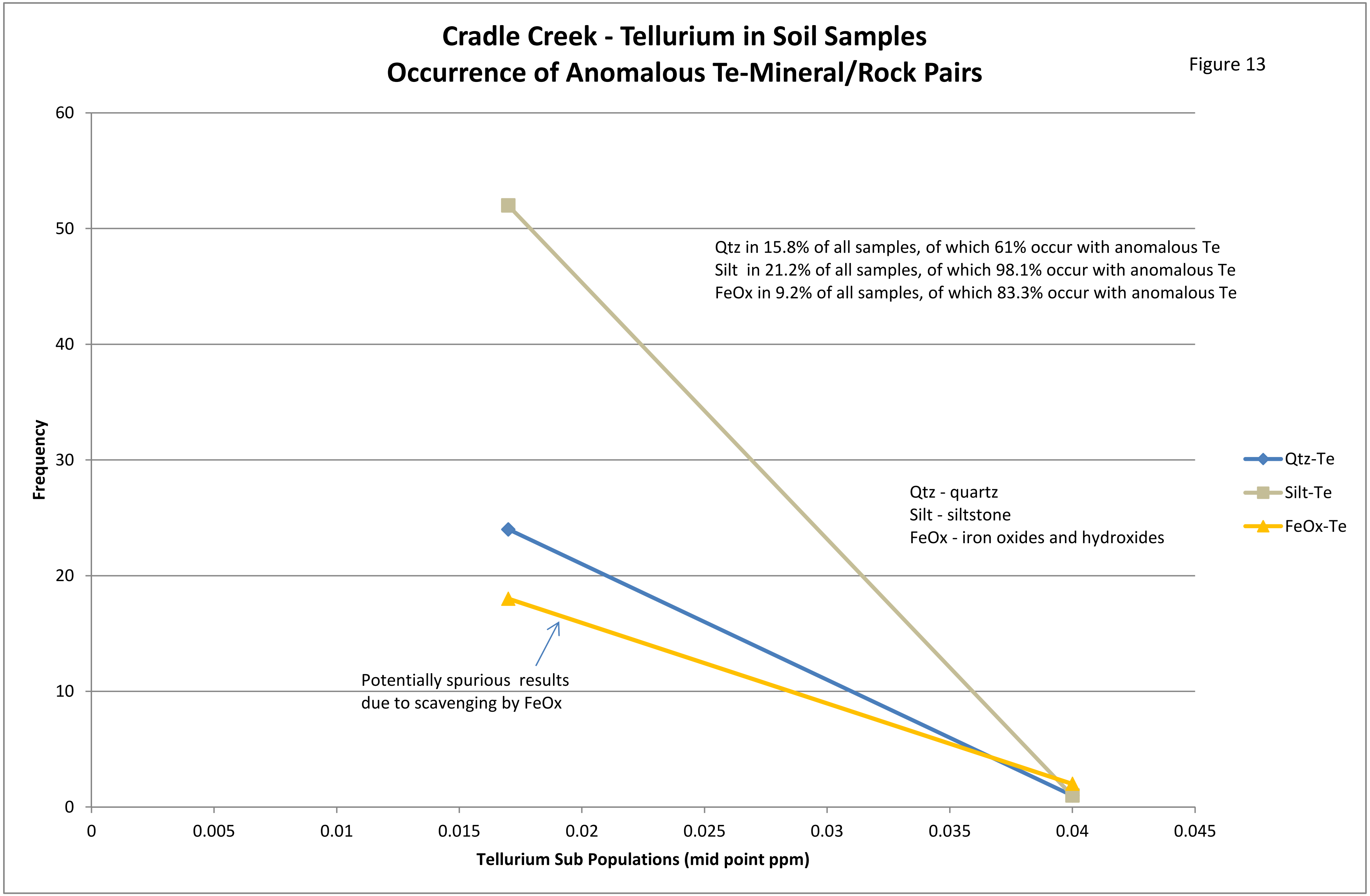

Cradle Creek - Arsenic in Soil Samples
Occurrence of Anomalous As-Mineral/Rock Pairs
Figure 9
Qtz in 15.8% of all samples, of which 100% occur with anomalous As
Silt in 21.2% of all samples, of which 100% occur with anomalous As
FeOx in 9.2% of all samples, of which 95.8% occur with anomalous As
? sediment-hosted (disseminated) arsenic mineralisation
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Potentially spurious results due to scavenging by FeOx
Frequency
Arsenic Sub Populations (mid point ppm)
Qtz-As
Silt-As
FeOx-As
0
5
10
15
20
25
30
35


Cradle Creek - Bimuth in Soil Samples
Occurrence of Anomalous Bi-Mineral/Rock Pairs
Figure 10
Qtz in 15.8% of all samples, of which 73.2% occur with anomalous Bi
Silt in 21.2% of all samples, of which 94.4% occurwith anomalous Bi
FeOx in 9.2% of all samples, of which 91.7% occur with anomalous Bi
? sediment-hosted (disseminated)
bismuth mineralisation
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Potentially spurious results
due to scavenging by FeOx
Qtz-Bi
Silt-Bi
FeOx-Bi
Frequency
Bismuth Sub Populations (mid point ppm)
0
5
10
15
20
25
30
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

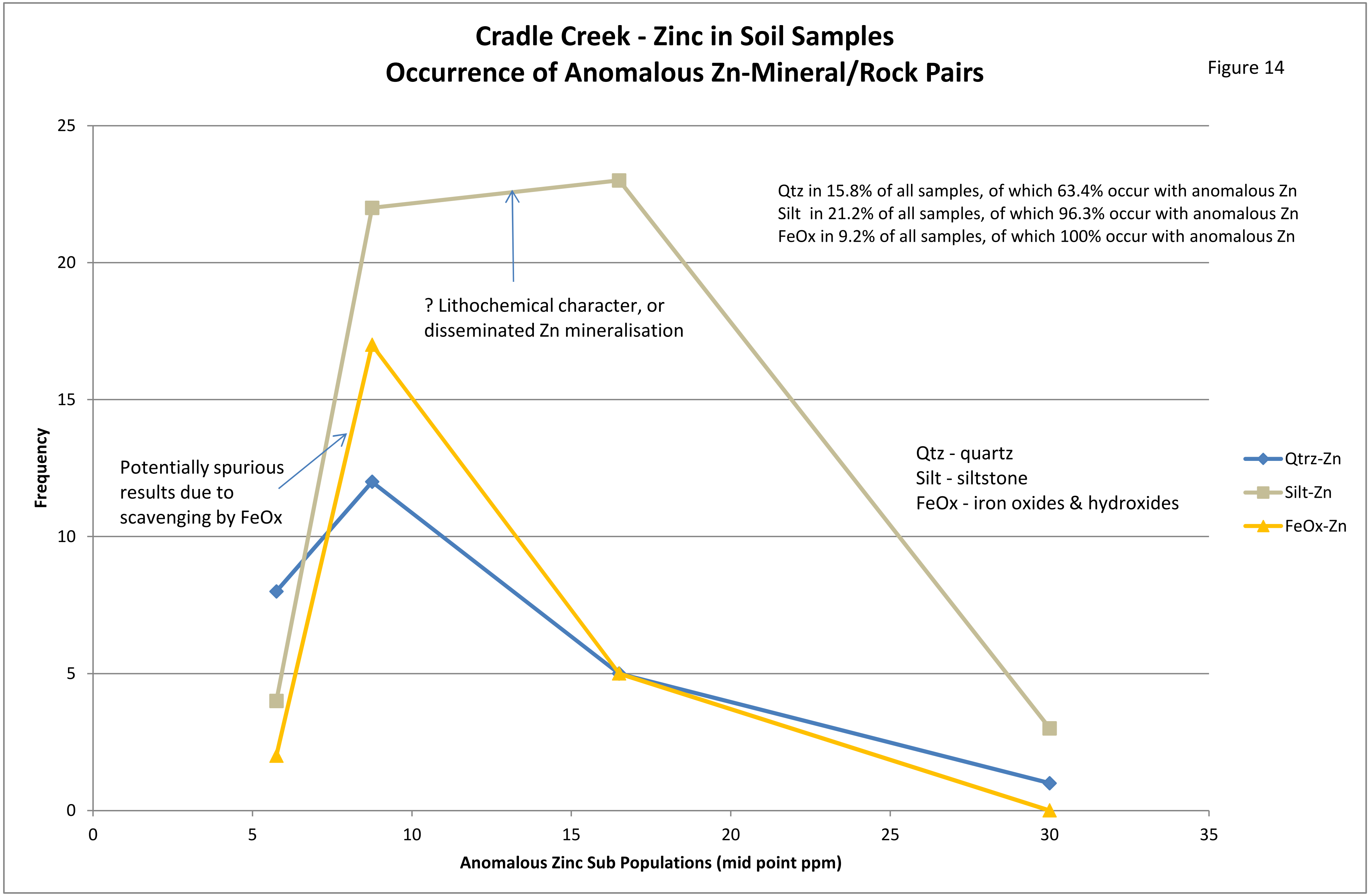

Cradle Creek - Molybdenum in Soil Samples
Occurrence of Anomalous Mo-Mineral/Rock Pairs
Figure 11
Qtz in 15.8% of all samples, of which 97.6% occur with anomalous Mo
Silt in 21.2% of all samples, of which 98.1% occur with anomalous Mo
FeOx in 9.2% of all samples, of which 100% occur with anomalous Mo
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Potentially spurious results due to scavenging by FeOx
Frequency
0
10
20
30
40
50
60
0
1
2
3
4
5
6
Molybdenum Sub Populations (mid point ppm)
Qtz-Mo
Silt-Mo
FeOx-Mo



Cradle Creek - Antimony in Soil Samples
Occurrence of Anomalous Sb-Mineral/Rock Pairs
Figure 12
Qtz in 15.8% of all samples, of which 85.4% occur with anomalous Sb
Silt in 21.2% of all samples, of which 100% occur with anomalous Sb
FeOx in 9.2% of all samples, of which 100% occur with anomalous Sb
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Potentially spurious results
due to scavenging by FeOx
Frequency
0
5
10
15
20
25
30
35
40
45
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
Antimony Sub Populations (mid point ppm)
Qtz-Sb
Silt-Sb
FeOx-Sb



Cradle Creek - Tellurium in Soil Samples
Occurrence of Anomalous Te-Mineral/Rock Pairs
Figure 13
60
50
40
30
20
10
0
Frequency
Qtz in 15.8% of all samples, of which 61% occur with anomalous Te
Silt in 21.2% of all samples, of which 98.1% occur with anomalous Te
FeOx in 9.2% of all samples, of which 83.3% occur with anomalous Te
Qtz - quartz
Silt - siltstone
FeOx - iron oxides and hydroxides
Qtz-Te
Silt-Te
FeOx-Te
Potentially spurious results
due to scavenging by FeOx
0
0.005
0.01
0.015
0.02
0.025
0.03
0.035
0.04
0.045
Tellurium Sub Populations (mid point ppm)


Cradle Creek - Zinc in Soil Samples
Occurrence of Anomalous Zn-Mineral/Rock Pairs
Figure 14
Qtz in 15.8% of all samples, of which 63.4% occur with anomalous Zn
Silt in 21.2% of all samples, of which 96.3% occur with anomalous Zn
FeOx in 9.2% of all samples, of which 100% occur with anomalous Zn
? Lithochemical character, or
disseminated Zn mineralisation
Potentially spurious
results due to
scavenging by FeOx
Qtz - quartz
Silt - siltstone
FeOx - iron oxides & hydroxides
Qtrz-Zn
Silt-Zn
FeOx-Zn
Frequency
Anomalous Zinc Sub Populations (mid point ppm)
0
5
10
15
20
25
30
35

## DOCUMENT INFORMATION

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## DOCUMENT REVIEW AND SIGN OFF

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| 3 | TG Summons | Senior Resource Engineer | [signature] | 19/09/13 |