



**Paradox Creek
(East of Savage River)
Exploration Licence 24/2008**

Annual Report for the period 25/08/2012 to 25/08/2013

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1. Summary

Exploration Licence 24/2008 located in western Tasmania is prospective for tin, tungsten and magnetite skarns within meta-sedimentary rocks adjacent to the Meredith Granite. Previous exploration by Venture Minerals Ltd (“Venture”), including 1436 m diamond core drilling, has successfully encountered low grade tungsten mineralisation (as scheelite) in greisenised magnetite-olivine skarn adjacent to the Meredith Granite within EL24/2008. The identified mineralisation does not appear to come to surface.

During the 2012-2013 anniversary year soil sample assay data including results from the August 2012 helicopter supported sampling programme were analysed to identify elements which may be indicative of concealed skarn and/or greisen mineralisation and to facilitate geological interpretation. In conjunction with the surface geochemistry analysis a review of the 2011 drilling data along with geological and structural mapping, magnetics, Worldview 2 imagery and LiDAR DTM's was conducted to refine geological interpretation and target assessment within EL24/2008.

2. Introduction

Exploration Licence 24/2008 covers c. 17 km² of the north western margin of the Meredith Granite and is prospective for skarn-hosted tin, tungsten, and magnetite deposits within the adjacent meta-sedimentary rocks. The Meredith Granite is part of a suite of Devonian granites which is very important to tin-tungsten mineralization in Tasmania, and deposits associated with this suite include the world class Renison Bell tin mine (26 Mt at 1.46% Sn), Mount Bischoff (10.54 Mt at 1.1% Sn), Cleveland (12.4 Mt at 0.62% Sn, 0.25% Cu) and King Island (17 Mt at 0.85% WO₃). Cleveland and Mount Bischoff are situated around the northern margin of the Meredith Granite, and Renison Bell is associated with the smaller Pine Hill Granite c. 15 km to the southeast of the Meredith Granite.

3. Location and Access

Exploration Licence 24/2008 covering c. 17 km² is centred 4 km southeast of the Savage River magnetite mine in western Tasmania. Topography is that of a plateau deeply incised by the Whyte and Heazlewood rivers and tributaries in the west, merging into the foothills of the Meredith Range to the east. The Whyte and Heazlewood rivers cut southwest across the western part of the licence. Fracture controlled trellis drainage, including Paradox Creek, is a conspicuous feature of the eastern part of EL24/2008 which is underlain by the Meredith Granite. Elevation within the licence ranges from 100 m above sea level in the Whyte River gorge to c. 750 m in the south eastern part of the licence peripheral to the Meredith Range. Average annual rainfall is c. 1900 mm and vegetation is dominated by temperate rainforest, with patches of dense sub-alpine scrub over granitic basement and in areas of regenerating forest.

Despite the location of the Savage River Township within the far north western corner of the licence access to most of the licence is difficult and restricted to foot or helicopter. A disused vehicle track branching off the Corinna Road 0.5 km south of Savage River township provides foot access to the junction of the Heazlewood and Whyte rivers. There are currently no passable tracks beyond the Heazlewood – Whyte junction and foot access

is difficult because the rivers and streams in the area are deeply gorged and vegetation is generally dense and scrubby.

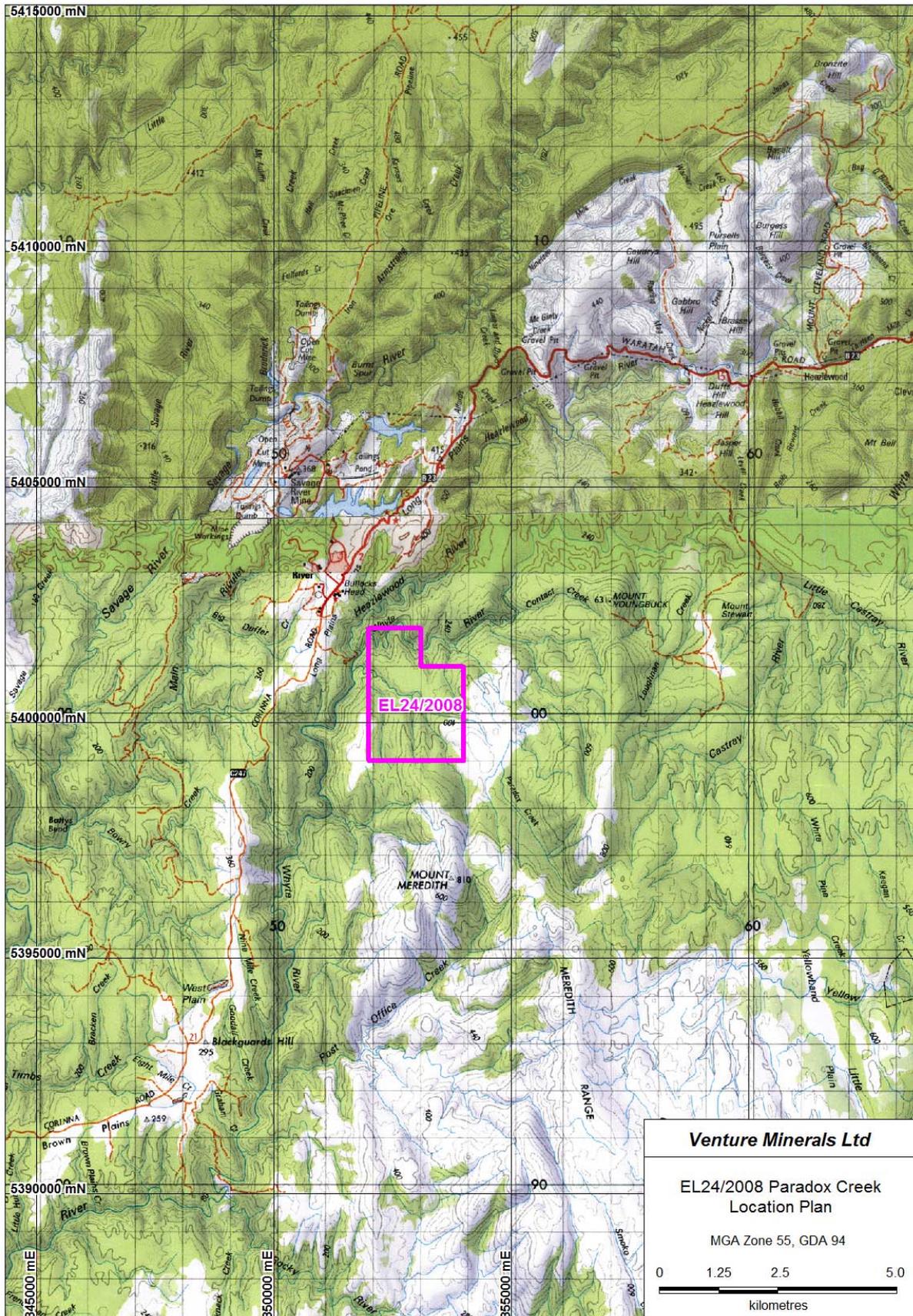


Figure 1: EL24/2008 Location Plan. Application for partial relinquishment was made in June 2013 to reduce EL24/2008 from 17 km² to 5 km² retained area shown.

4. Exploration and Mining History

The western and northern peripheries of the area now covered by EL24/2008 received cursory examination by Australia and New Zealand Exploration Company (“ANZECO”) and Industrial and Mining Investigations (“IMI”) in the 1970s and 1980s. Both ANZECO and IMI collected stream sediment samples from the unnamed creek draining from the east into the Whyte River approx. 500 m downstream of the Whyte Heazlewood confluence. ANZECO obtained a heavy mineral sample from the mouth of the unnamed creek which returned 250 ppm W and 50 ppm Sn. This was not particularly anomalous amongst ANZECO’s samples from the Whyte – Castray rivers area. IMI took 5 samples from various locations up the same unnamed creek, returning a best result of 4 ppm Sn and 35 ppm Cu which are not considered anomalous. Tungsten for all 5 samples was below the 10 ppm detection limit.

Aberfoyle’s EL16/78 included Paradox Creek but they do not appear to have done any significant work within the current licence area. Aberfoyle’s work immediately to the north of EL24/2008 successfully identified the weakly Sn and W mineralised Mt Youngbuck skarn within what they describe as a “volcolithic” sedimentary sequence similar to the Crimson Creek Formation at Mt Lindsay and Renison Bell. Massive magnetite was observed at surface and two diamond core holes (MY-1 and MY-2) were drilled at Mt Youngbuck by Aberfoyle in 1982. A magnetite–amphibole skarn up to c. 36 m thick bearing minor scheelite was intersected, along with garnet skarn. Assays returned up to 2 m at 0.4% WO₃ from 50.5-52.5 m in MY-2. Aberfoyle abandoned the area in the mid 1980s and there does not appear to have been any significant exploration of the area now covered by EL24/2008 since then.

5. Regional Geology

From west to east EL24/2008 is underlain by Keith Schist or correlates, Oonah Formation (c. 1200 m thick), 500 m of meta-sedimentary rocks currently interpreted to belong to the Success Creek Group, a narrow wedge of the Crimson Creek Formation, and the Meredith Granite (Figure 2). Dolomite units within the Oonah and Success Creek groups and calcareous sandstones within the Crimson Creek Fm adjacent to the Meredith Granite are targets for skarn hosted Sn, W and magnetite mineralisation. Carbonate units have not been previously mapped in the area but Venture’s drill holes PX001 and PX002 indicate the presence of at least one carbonate unit adjacent to the Meredith contact within EL24/2008. Exposure is poor within the densely vegetated EL24/2008 (mainly dense regrowth after forest fires) but pyroxene micro-skarn and ferruginous seeps have been identified in two unnamed creeks traversing rocks currently assigned to the Success Creek Group and Crimson Creek Formation.

6. 2012-2013 Anniversary Year Exploration Activities

Surface Geochemistry Review

Some 2485 soil samples collected by Venture from the Paradox Creek, Post Office Creek, Contact Creek and Mt Lindsay project areas were compiled into one geochemical data set. All soil samples were assayed for Sn, W, Ag, As, V, Ba, Be, Bi, Cr, Cu, Li, Ni, Pb

and Rb. 1269 of the 2485 samples were originally tested for a larger suite of elements including Fe, Al, Ca, Cd, Ce, Co, Cs, Ga, Ge, Hf, In, K, La, Mg, Mn, Na, Mo, Nb, P, Re, S, Sb, Se, Sr, Ta, Te, Th, Ti, U, V, Y, Zn and Zr. Samples with below detection results were assigned a value of half the limit of detection and results greater than the detection limit were assigned the upper limit of detection. Using a combination of geological mapping and interpreted geology each soil entry was designated a corresponding lithology.

The soil data was analysed to determine particular elements, ratios and ranges which were unique to each lithology. Using the determined geochemical profile for each lithology in conjunction with the geological and structural mapping outliers from specific populations could be identified and the geology recoded, allowing for the refinement of the interpreted geology. By determining the background element abundances of differing lithologies discreet increases in skarn associated elements were easier to identify. However no significant anomalism was identified within soils collected from EL24/2008. Refer to Table 1 for a summary of the results.

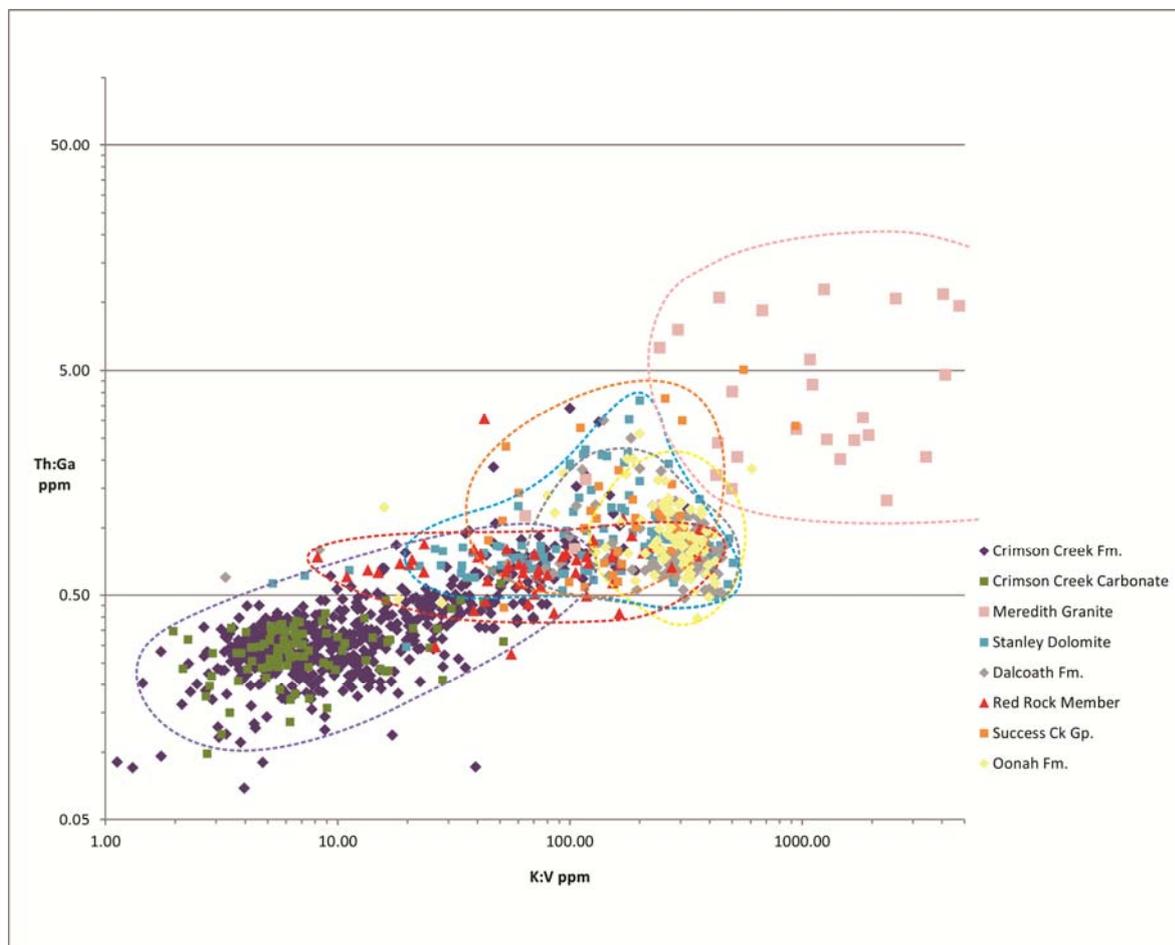


Figure 2: Scatter graph showing defined populations which correspond to lithology types.

| Stratigraphic Unit | Geochemical Characteristics | Significant Elements |
|---|--|--|
| Crimson Creek Fm | Corresponding soils typically have elevated Co, V, Ti, Ni, Zn, Cu, Cr, Ga, Fe, Al, As, Mn and Zr. The elevated elements indicate that the Crimson Creek Fm. sediments contain a significant component derived from a mafic volcanic source. | Ti, Ga and V are the most reliable elements in distinguishing the Crimson Creek apart effectively from other units. |
| Meredith Granite | Overlying soils typically contain elevated K, Rb, Th, Na, B and Ce. With a very low abundance of ferromagnesian associated elements typical of an acidic composition. | Th, Rb and K are highly effective in distinguishing the Meredith Granites. |
| Red Rock Member (Success Creek Gp) | The red rock member is of an intermediate composition (situated at the boundary with the Crimson Creek Fm), with influence from both mafic and acidic sediment sources. The Red Rock Member contains scattered high abundances of Ba, Pb and Fe. | No particular element can distinguish the Red Rock Member. Collectively the moderate to low abundance of mafic associated elements accompanied by scattered high values of Fe and Ba can distinguish it from the ferric Crimson Creek and the geochemically mature Stanley Dolomite, Dalcoath Fm and Oonah Fm. |
| Stanley Dolomite & Dalcoath Fm (Success Creek Gp) | The Stanley dolomite has a geochemically mature composition with comparatively low mafic element abundances and moderate acidic elements. Geochemically soils cannot be distinguished between the two units, as the element abundances are very similar. | The corresponding Stanley Dolomite and Dalcoath Fm soils contain no distinguishable elements. But can be separated from the Crimson Creek and Red Rock Member by a low mafic element abundance and a moderate acidic element composition. |
| Oonah Fm | The Oonah Fm contains very low abundances of all elements with minor increases in Rb, Ba and Zr. The Geochemistry is characteristic of mature sediment, which is represented in the Oonah Fm. as thick sequences of quartz wacke. | The Oonah Fm is easily distinguished by its low element abundances and low deviation. |

Table 1: Summary of stratigraphic soil analysis

Geochemical Controls within the Success Creek Group

A substantial proportion of the Paradox Success Creek Gp soils lie within the typical element ranges for the Stanley Dolomite and Dalcoath Fm (samples from Mt Lindsay) and appear to be correlated; however geochemically the Success Creek Gp of Paradox Creek differs from other locations by the presence of a unique zone of elevated Cr-Ni-Cu (Figure 3). It is unclear whether Ti, Ga and V show a paralleled increase as a majority of samples were only assayed for the limited element suite, minor zones assayed for Ti-Ga-V have shown a correlation suggesting an overall increase in mafic associated elements. Significantly the mafic element increase is paralleled by magnetic anomalism (see figures 4 and 5). The mafic geochemical influence within the Success Creek Gp may be lithologically, structurally or alteration associated. If associated alteration the Cu-Ni-Cr abundance may represent distal alteration from a more significant zone of mineralisation.

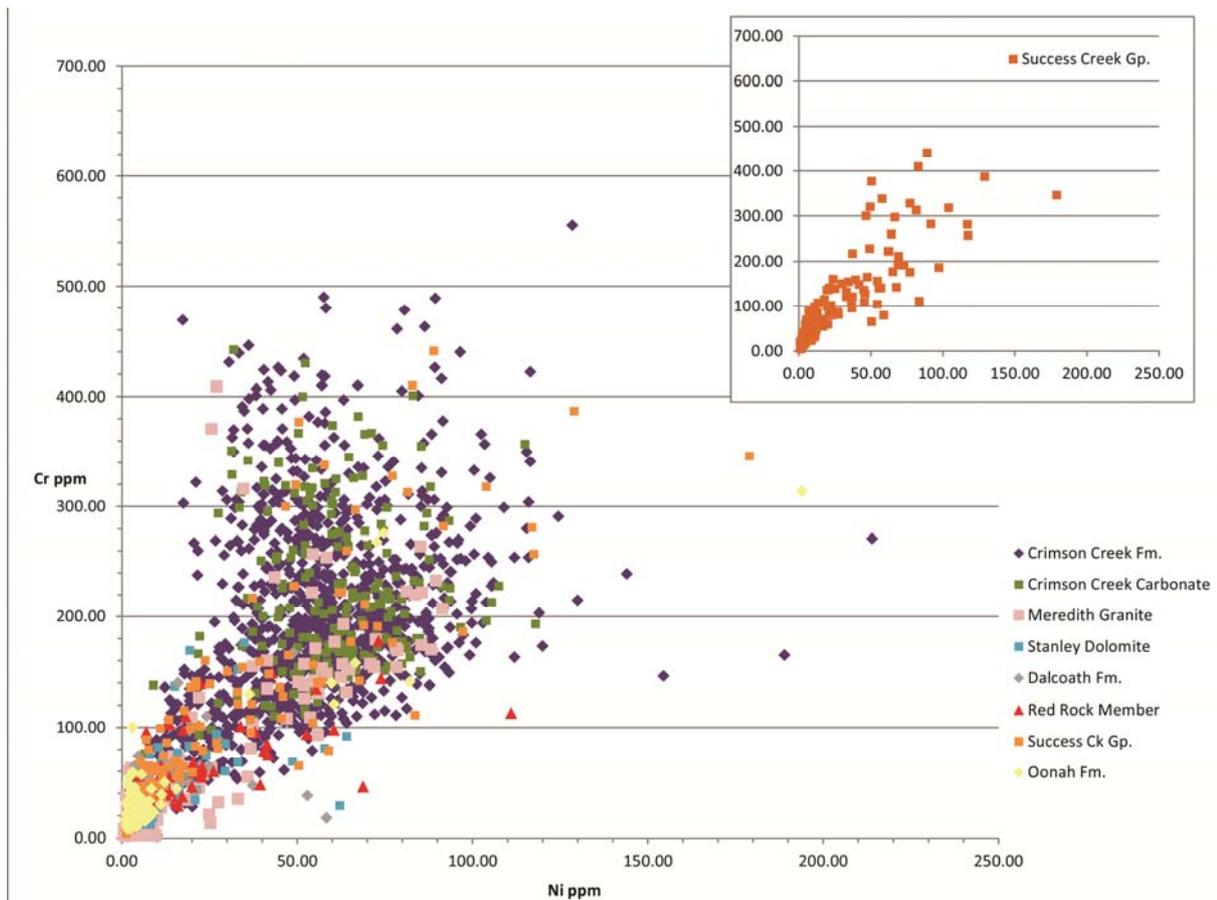


Figure 3: Scatter Graph displaying Ni-Cr abundances

Elevated Cu is a good indicator of metasomatism over the Main and No.2 deposits at Mt Lindsay. To investigate whether Cr and Ni are indicators of Mt Lindsay-style metasomatism the drill core assays from Livingstone (Success Creek Gp hosted), Main and No 2 deposits (Crimson Creek Fm hosted) were examined. It was found that Ni was only occasionally increased within the Mt Lindsay skarns from a background average of 95 ppm up to an isolated value of 1765 ppm. An erratic enrichment was observed within the Livingstone drill core, but an increase was not seen distally. No increase in Cr was observed and it seems likely that Cr is an essentially immobile element under Mt Lindsay-type metasomatic conditions.

Alternatively the magnetic expression and geochemistry of Paradox could be interpreted as representing large scale interference folding with intermittent exposure. The Oonah Fm to the east of the Success Creek group is structurally complex and contains at least two stages of folding. Surficial structural measurements collected by Venture indicate multiple folds, although there are insufficient measurements to confirm large scale folding. An examination of the Paradox Creek drill hole data did not confirm the presence of younging reversals or repeated beds and therefore does not indicate that large scale folding is present in the area.

A change in lithology is most likely to have generated the geochemical change. With the mafic element increase represented by dolerite intrusions and a series of pinched out sedimentary units produced from periods of sedimentation influenced by a mafic source. Subsequently the rocks with more abundant mafic elements have preferentially been altered by fluids producing magnetic minerals.

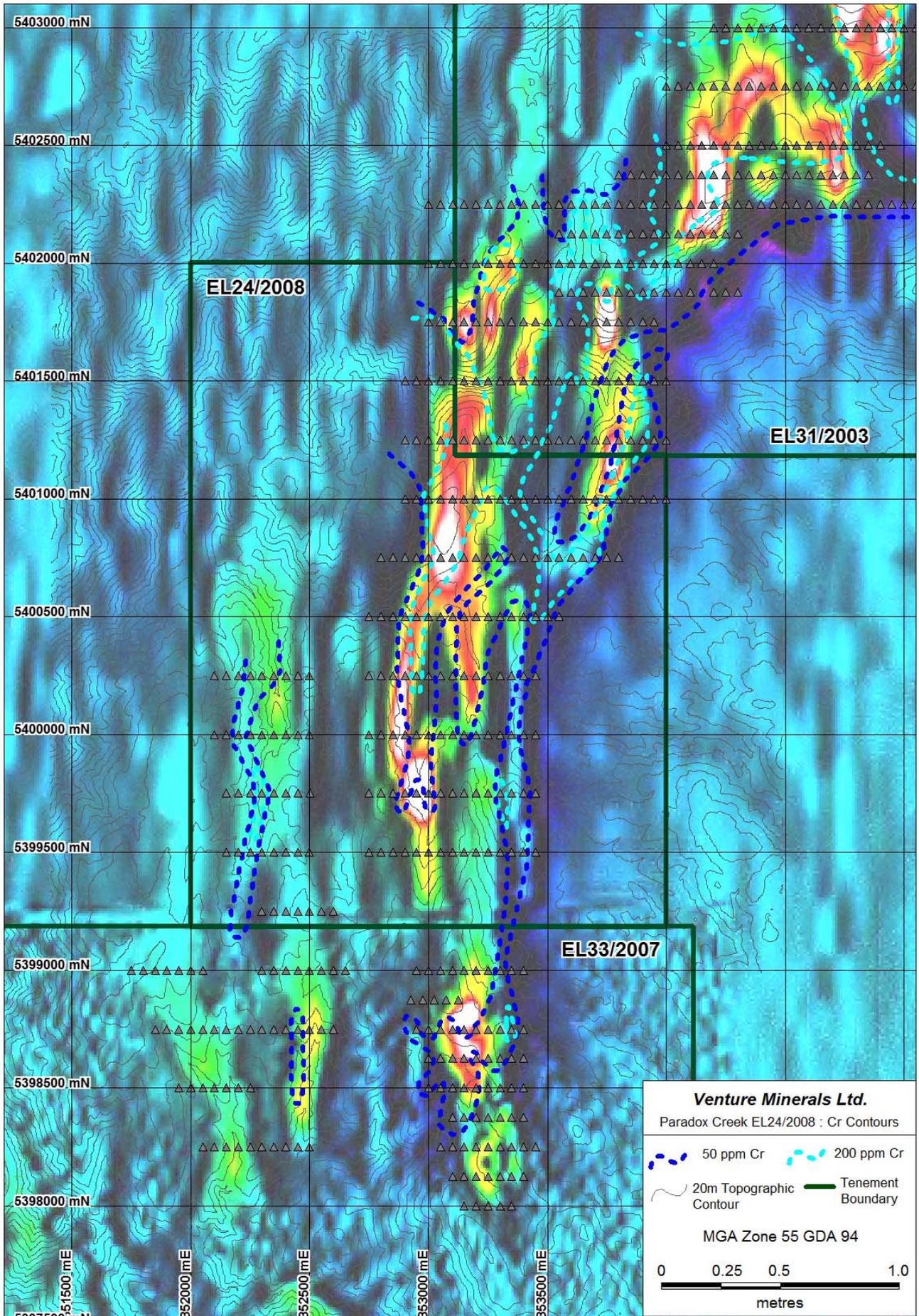


Figure 4: Paradox Creek Magnetic Survey overlain by Cr soil contours.

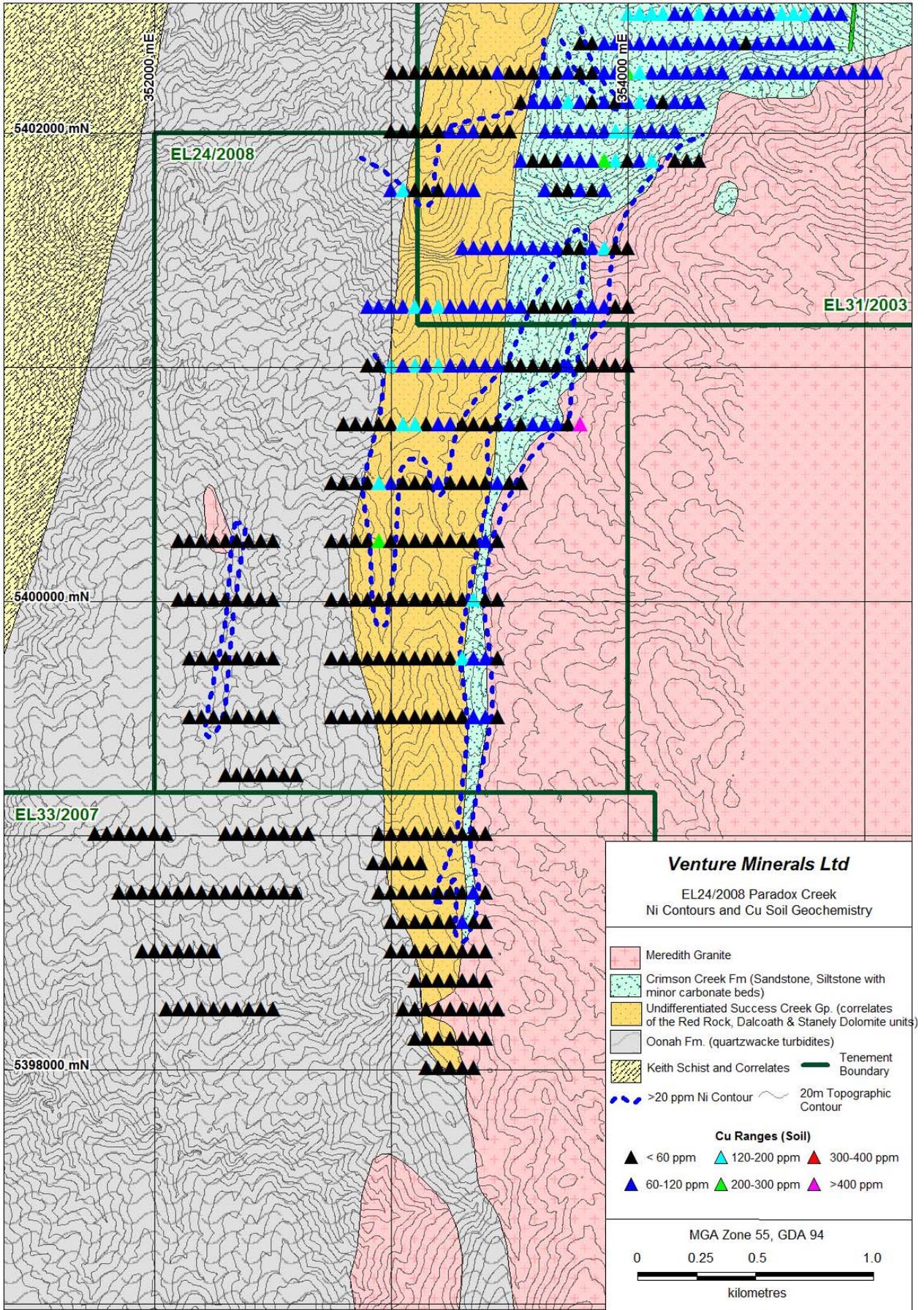


Figure 5: Geological interpretation of Paradox Creek overlain by Ni contours and Cu soil ranges

Two diamond drill holes for a total 1436 m were completed by Venture in 2011. Drill hole PX001 successfully encountered low grade tungsten mineralisation in greisenised magnetite-olivine skarn adjacent to the Meredith Granite. The second hole PX002 was unfortunately stopped short of reaching the Meredith Granite as the maximum depth drilling limits of the diamond drill rig was reached. Both holes passed through the largest magnetic anomaly at Paradox Creek, but within the magnetically anomalous zone no significant alteration was intersected.

From the data review it is now evident that the central magnetic anomalism is due to moderate pyrrhotite mineralisation occurring in veins, disseminations and replacing clasts. Paradox Creek has an approx. strike of 110° steeply dipping to the west. Drilling intersected beds which were near perpendicular with the core axis, indicating a moderate westerly dip at approx. 60° . See Figure 6 below, the black outline on the southern side of the drill holes represents magnetic susceptibility and the northern pink outline represents logged abundance of pyrrhotite. When dip is correlated with the surface the logged occurrence of pyrrhotite and its corresponding magnetic susceptibility increase line up well with the highs and low of the magnetic survey. The pyrrhotite source is most likely metasomatic which combined with the occurrence of carbonate units with PX001 and PX002 indicates the potential for a significant feeder zone to be present at depth.

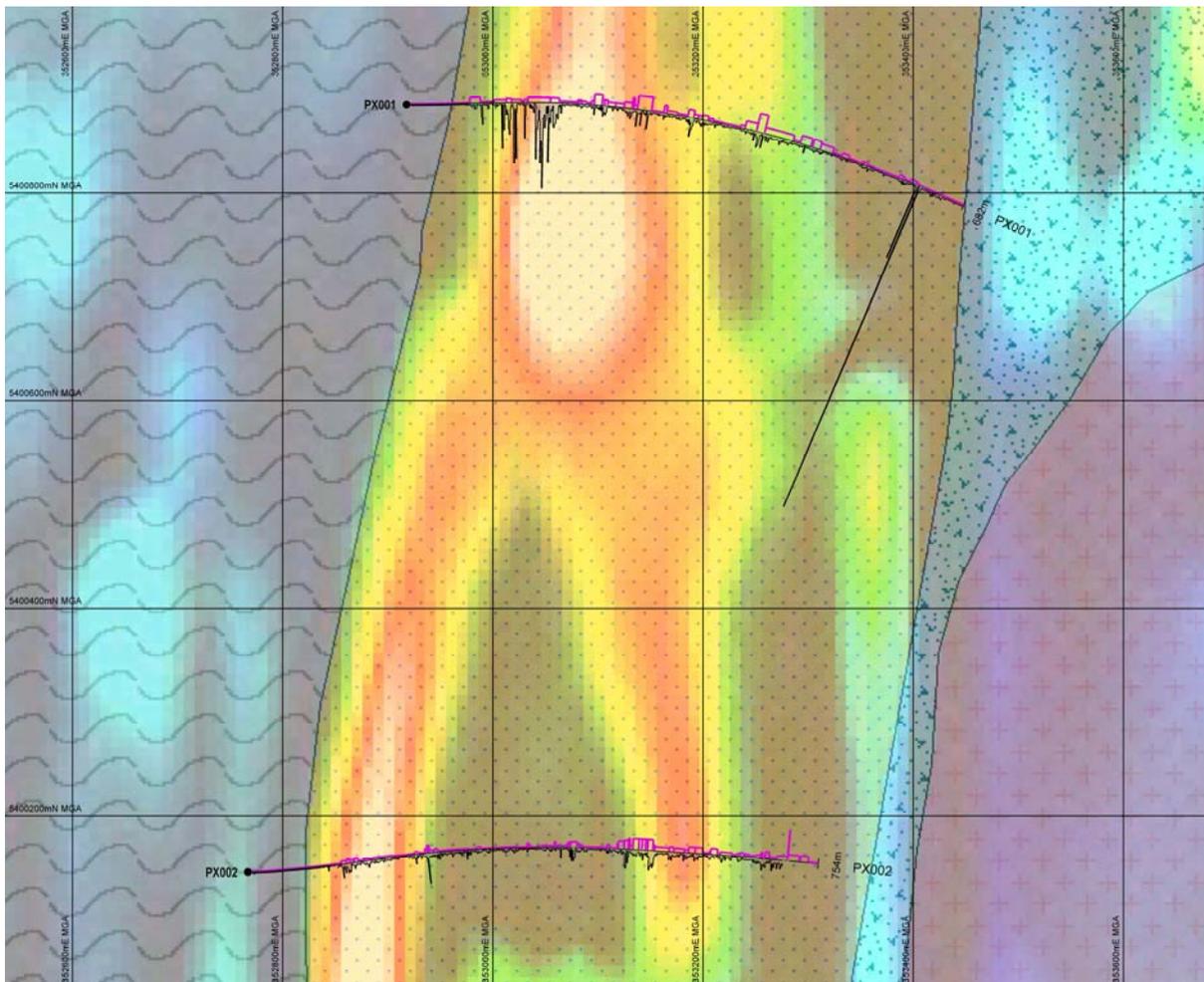


Figure 6. Logged pyrrhotite and magnetic suseptibility of PX001 and PX002

7. Conclusions and Recommendations

Drilling during 2011 successfully encountered greisenised skarn with low grade tungsten mineralisation with EL24/2008 but soil and rock chip sampling indicates mineralisation does not reach the surface. Review of the 2011 drilling data and surface geochemistry suggests the central magnetic high is caused by disseminated pyrrhotite mineralisation which at this stage is assumed to have little significance to potential tin and tungsten mineralisation.

Blind mineralisation is relatively expensive risk to drill test and difficult to target as there are limited parameters in which to facilitate drill hole design. It is recommended that 2014 exploration efforts be focussed on a magnetic anomaly in close proximity to the Meredith Granite located in the north east of EL24/2008 at the border with EL31/2003 (Figure 7). Previous drill testing (PX001) to the south encountered W mineralisation at depth adjacent to the Meredith Granite. This zone of magnetic anomalism is also encouragingly associated with exposures of pyroxene microskarn, a facies which is distal to the Main and No 2. skarns.

A helicopter supported geological mapping program concentrating on the granite margin is proposed to identify distal signs of alteration, prospective protoliths and structures to enhance confidence to carry out further drill testing at Paradox Creek.

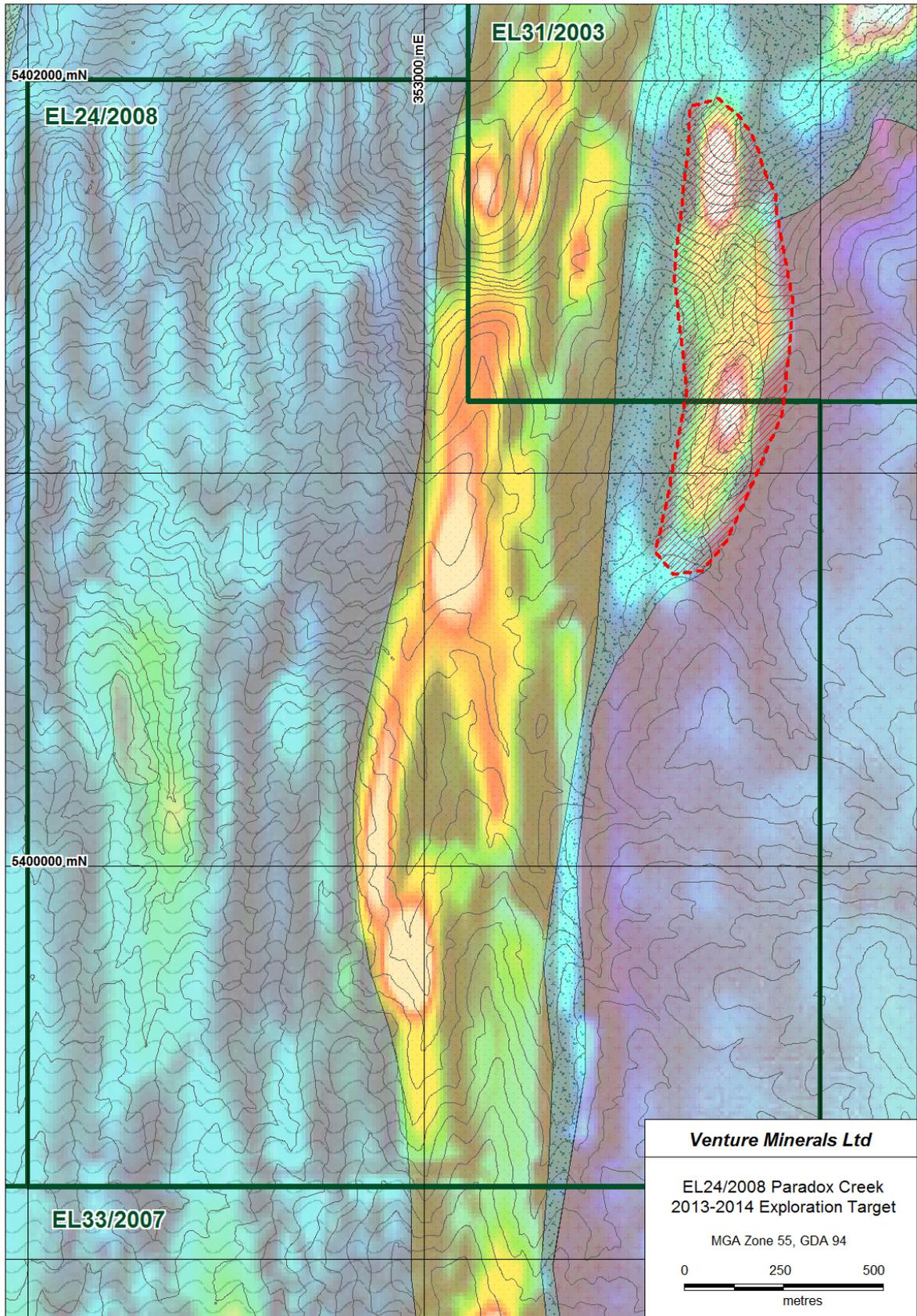


Figure 7. 2012-2013 exploration target (highlighted)

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Appendix A

Soil Sample Locations and Assays

EL24/2008 Appendix A: Soil Sample Locations and Assays 25/8/2008 to 24/8/2013

| H1000 | Sample | E_MGA55 | N_MGA55 | Colour | Description | Batch | Date | Sn_XRF% | Sn_ICP% | WO3 | Fe | Al | Ag | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
|-------|--------|---------|---------|---------|----------------------|------------|------------|---------|---------|---------|------|------|------|------|-----|-------|-------|------|------|------|------|------|-----|------|------|
| H1001 | | metres | metres | | | | | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| D | PXS042 | 353500 | 5400750 | lbn | A horizon 40cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.00089 | 0.0013 | -999 | -999 | 0.6 | 51 | 180 | 70 | 1.1 | 1.65 | -999 | -999 | -999 | -999 | 227 | -999 | 75.9 |
| D | PXS043 | 353550 | 5400750 | lbn | A horizon 40cm depth | AD11061287 | 16/05/2011 | -0.0005 | 0.00076 | 0.0013 | -999 | -999 | 0.5 | 42.2 | 70 | 80 | 0.78 | 1.02 | -999 | -999 | -999 | -999 | 168 | -999 | 59.2 |
| D | PXS044 | 353600 | 5400750 | lbn | B horizon 40cm depth | AD11061287 | 16/05/2011 | -0.0005 | 0.00074 | 0.0013 | -999 | -999 | 1.07 | 52.6 | 50 | 50 | 0.86 | 0.83 | -999 | -999 | -999 | -999 | 267 | -999 | 62.2 |
| D | PXS045 | 353650 | 5400750 | rdbn | B horizon 35cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.0007 | 0.0013 | -999 | -999 | 0.75 | 40.6 | 50 | 50 | 0.61 | 0.79 | -999 | -999 | -999 | -999 | 269 | -999 | 114 |
| D | PXS046 | 353700 | 5400750 | rdbn | C horizon 30cm depth | AD11061287 | 16/05/2011 | -0.0005 | 0.00053 | 0.0013 | -999 | -999 | 0.59 | 23 | 30 | 40 | 0.6 | 0.54 | -999 | -999 | -999 | -999 | 407 | -999 | 86.1 |
| D | PXS047 | 353750 | 5400750 | gy | B horizon 40cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.00026 | 0.0013 | -999 | -999 | 0.14 | 2.6 | 70 | 50 | 4.72 | 0.31 | -999 | -999 | -999 | -999 | 22 | -999 | 9.6 |
| D | PXS048 | 353800 | 5400750 | ogbn | C horizon 50cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.00047 | 0.0013 | -999 | -999 | 0.36 | 7.5 | 50 | 80 | 18.4 | 0.31 | -999 | -999 | -999 | -999 | 22 | -999 | 416 |
| D | PXS049 | 352750 | 5400500 | bngy | B horizon 45cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00014 | -0.0013 | -999 | -999 | 0.17 | 2 | 20 | 40 | 0.19 | 0.04 | -999 | -999 | -999 | -999 | 19 | -999 | 17.1 |
| D | PXS050 | 352800 | 5400500 | bn | B horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0005 | 0.00016 | -0.0013 | -999 | -999 | 0.15 | 2.4 | 10 | 80 | 0.34 | 0.05 | -999 | -999 | -999 | -999 | 26 | -999 | 17.8 |
| D | PXS051 | 352850 | 5400500 | dbn | B horizon 30cm depth | AD11052568 | 13/04/2011 | -0.0005 | 0.00013 | -0.0013 | -999 | -999 | 0.09 | 21.4 | 10 | 30 | 0.16 | 0.2 | -999 | -999 | -999 | -999 | 27 | -999 | 17.9 |
| D | PXS052 | 352900 | 5400500 | bn | B horizon 10cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00023 | -0.0013 | -999 | -999 | 0.29 | 32.5 | 50 | 330 | 1.48 | 0.24 | -999 | -999 | -999 | -999 | 79 | -999 | 45.3 |
| D | PXS053 | 352950 | 5400500 | bn | B horizon 20cm depth | AD11052568 | 13/04/2011 | -0.0005 | 0.00036 | -0.0013 | -999 | -999 | 0.89 | 8.5 | 20 | 110 | 1 | 0.2 | -999 | -999 | -999 | -999 | 328 | -999 | 125 |
| D | PXS054 | 353000 | 5400500 | bn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00043 | -0.0013 | -999 | -999 | 0.81 | 25.1 | 40 | 110 | 0.6 | 0.41 | -999 | -999 | -999 | -999 | 141 | -999 | 62.7 |
| D | PXS055 | 353050 | 5400500 | gybn | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00032 | -0.0013 | -999 | -999 | 0.56 | 3.5 | 70 | 140 | 0.88 | 0.21 | -999 | -999 | -999 | -999 | 56 | -999 | 25.2 |
| D | PXS056 | 353100 | 5400500 | gy | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00032 | -0.0013 | -999 | -999 | 0.52 | 3.1 | 70 | 60 | 0.3 | 0.16 | -999 | -999 | -999 | -999 | 43 | -999 | 13.3 |
| D | PXS057 | 353150 | 5400500 | bn | B horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00034 | -0.0013 | -999 | -999 | 0.45 | 15.8 | 80 | 70 | 0.29 | 0.42 | -999 | -999 | -999 | -999 | 80 | -999 | 28.1 |
| D | PXS058 | 353200 | 5400500 | lbn | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00051 | -0.0013 | -999 | -999 | 0.56 | 22.8 | 80 | 120 | 0.68 | 0.58 | -999 | -999 | -999 | -999 | 121 | -999 | 64.5 |
| D | PXS059 | 353250 | 5400500 | lbn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00051 | -0.0013 | -999 | -999 | 0.41 | 20 | 60 | 350 | 0.79 | 0.42 | -999 | -999 | -999 | -999 | 99 | -999 | 33 |
| D | PXS060 | 353300 | 5400500 | lbn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00053 | -0.0013 | -999 | -999 | 0.41 | 30 | 60 | 80 | 0.37 | 0.39 | -999 | -999 | -999 | -999 | 61 | -999 | 30.4 |
| D | PXS061 | 353350 | 5400500 | gy | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0015 | 0.00051 | 0.0013 | -999 | -999 | 0.29 | 2.9 | 110 | 190 | 0.73 | 0.24 | -999 | -999 | -999 | -999 | 37 | -999 | 7.8 |
| D | PXS062 | 353400 | 5400500 | bn | B horizon 30cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00015 | -0.0013 | -999 | -999 | 0.26 | 2 | 90 | 20 | 0.32 | 0.08 | -999 | -999 | -999 | -999 | 39 | -999 | 11.8 |
| D | PXS063 | 353450 | 5400500 | rdbn | B horizon 40cm depth | AD11052568 | 13/04/2011 | -0.0005 | 0.00035 | 0.0013 | -999 | -999 | 0.64 | 15 | 40 | 20 | 0.64 | 0.37 | -999 | -999 | -999 | -999 | 238 | -999 | 60.1 |
| D | PXS064 | 353500 | 5400500 | dbn | B horizon 80cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00047 | -0.0013 | -999 | -999 | 0.4 | 4 | 90 | 320 | 1.66 | 0.41 | -999 | -999 | -999 | -999 | 55 | -999 | 24.3 |
| D | PXS065 | 353550 | 5400500 | gybn | B horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00013 | -0.0013 | -999 | -999 | 0.15 | 1.8 | 280 | -10 | 3.43 | 0.21 | -999 | -999 | -999 | -999 | 24 | -999 | 14 |
| D | PXS070 | 352750 | 5400250 | dbn | A horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0005 | 0.00024 | -0.0013 | -999 | -999 | 0.16 | 2.7 | 30 | 30 | 0.17 | 0.08 | -999 | -999 | -999 | -999 | 30 | -999 | 33.8 |
| D | PXS071 | 352800 | 5400250 | rdbn | A horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00016 | -0.0013 | -999 | -999 | 0.18 | 1.4 | 40 | 40 | 0.21 | 0.13 | -999 | -999 | -999 | -999 | 21 | -999 | 15.2 |
| D | PXS072 | 352850 | 5400250 | dbn- gy | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00021 | -0.0013 | -999 | -999 | 0.3 | 2.1 | 50 | 150 | 0.58 | 0.16 | -999 | -999 | -999 | -999 | 25 | -999 | 18.3 |
| D | PXS073 | 352900 | 5400250 | gy | A horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00045 | -0.0013 | -999 | -999 | 0.87 | 24.7 | 80 | 100 | 0.68 | 0.44 | -999 | -999 | -999 | -999 | 86 | -999 | 55.9 |
| D | PXS074 | 352950 | 5400250 | rdbn | A horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00045 | 0.0013 | -999 | -999 | 0.97 | 20.3 | 30 | 150 | 1.46 | 0.3 | -999 | -999 | -999 | -999 | 313 | -999 | 26.4 |
| D | PXS075 | 353000 | 5400250 | bn | C horizon 50cm depth | AD11052568 | 13/04/2011 | 0.0012 | 0.00035 | -0.0013 | -999 | -999 | 0.54 | 33.8 | 40 | 230 | 1.67 | 0.36 | -999 | -999 | -999 | -999 | 160 | -999 | 36.4 |
| D | PXS076 | 353050 | 5400250 | lbn | B horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00022 | -0.0013 | -999 | -999 | 0.37 | 2.7 | 40 | 80 | 0.38 | 0.09 | -999 | -999 | -999 | -999 | 37 | -999 | 28.2 |
| D | PXS077 | 353100 | 5400250 | lgy | B horizon 40cm depth | AD11052568 | 13/04/2011 | -0.0005 | 0.00016 | -0.0013 | -999 | -999 | 0.27 | 2.5 | 30 | 20 | 0.13 | 0.06 | -999 | -999 | -999 | -999 | 37 | -999 | 18.9 |
| D | PXS078 | 353150 | 5400250 | gybn | A horizon 30cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00022 | -0.0013 | -999 | -999 | 0.36 | 7.5 | 30 | 50 | 0.48 | 0.2 | -999 | -999 | -999 | -999 | 89 | -999 | 15.8 |
| D | PXS079 | 353200 | 5400250 | dgy | A horizon 25cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00027 | -0.0013 | -999 | -999 | 0.36 | 10.8 | 30 | 40 | 0.4 | 0.17 | -999 | -999 | -999 | -999 | 50 | -999 | 17 |
| D | PXS080 | 353250 | 5400250 | gybn | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00018 | 0.0013 | -999 | -999 | 0.1 | 1.4 | 320 | 60 | 2.99 | 0.04 | -999 | -999 | -999 | -999 | 19 | -999 | 11 |
| D | PXS081 | 353300 | 5400250 | gybn | C horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00039 | -0.0013 | -999 | -999 | 0.3 | 2.1 | 140 | 130 | 2.38 | 0.11 | -999 | -999 | -999 | -999 | 29 | -999 | 15.6 |
| D | PXS082 | 353350 | 5400250 | dbn | C horizon 30cm depth | AD11052568 | 13/04/2011 | 0.0011 | 0.00047 | 0.0013 | -999 | -999 | 0.54 | 3.1 | 160 | 140 | 1.1 | 0.12 | -999 | -999 | -999 | -999 | 30 | -999 | 26.2 |
| D | PXS083 | 353400 | 5400250 | lbn | B horizon 30cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00062 | -0.0013 | -999 | -999 | 0.59 | 50.2 | 20 | 50 | 1.07 | 1.4 | -999 | -999 | -999 | -999 | 139 | -999 | 64.1 |
| D | PXS084 | 353450 | 5400250 | dbn | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00018 | -0.0013 | -999 | -999 | 0.18 | 2 | 70 | 10 | 3.48 | 0.06 | -999 | -999 | -999 | -999 | 25 | -999 | 15.3 |
| D | PXS085 | 352750 | 5400000 | dbn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00004 | -0.0013 | -999 | -999 | 0.04 | 3 | -10 | 10 | 0.07 | 0.11 | -999 | -999 | -999 | -999 | 13 | -999 | 5.7 |
| D | PXS086 | 352800 | 5400000 | dbn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.00005 | -0.0013 | -999 | -999 | 0.07 | 1.2 | -10 | 10 | 0.09 | 0.03 | -999 | -999 | -999 | -999 | 15 | -999 | 5.8 |
| D | PXS087 | 352850 | 5400000 | bn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00018 | -0.0013 | -999 | -999 | 0.25 | 2.5 | 30 | 50 | 0.18 | 0.11 | -999 | -999 | -999 | -999 | 23 | -999 | 21.4 |
| D | PXS088 | 352900 | 5400000 | bn | B horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00042 | -0.0013 | -999 | -999 | 0.51 | 18.6 | 60 | 30 | 0.33 | 0.28 | -999 | -999 | -999 | -999 | 48 | -999 | 33.7 |
| D | PXS089 | 352950 | 5400000 | gy | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.0005 | -0.0013 | -999 | -999 | 0.46 | 17.6 | 70 | -1111 | 0.74 | 0.53 | -999 | -999 | -999 | -999 | 86 | -999 | 38.7 |
| D | PXS090 | 353000 | 5400000 | dbn | C horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00037 | -0.0013 | -999 | -999 | 0.33 | 5.5 | 60 | 70 | 0.18 | 0.1 | -999 | -999 | -999 | -999 | 59 | -999 | 42.6 |
| D | PXS091 | 353050 | 5400000 | dgy | C horizon 15cm depth | AD11052568 | 13/04/2011 | 0.001 | 0.0003 | -0.0013 | -999 | -999 | 0.36 | 3.5 | 70 | 100 | 0.24 | 0.17 | -999 | -999 | -999 | -999 | 47 | -999 | 31.3 |
| D | PXS092 | 353100 | 5400000 | gbn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00024 | -0.0013 | -999 | -999 | 0.3 | 11.9 | 40 | 40 | 0.22 | 0.08 | -999 | -999 | -999 | -999 | 47 | -999 | 13.3 |
| D | PXS093 | 353150 | 5400000 | gy | B horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00042 | -0.0013 | -999 | -999 | 0.29 | 8.9 | 30 | 30 | 0.17 | 0.1 | -999 | -999 | -999 | -999 | 64 | -999 | 43.7 |
| D | PXS094 | 353200 | 5400000 | gybn | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00002 | -0.0013 | -999 | -999 | 0.03 | 1.8 | -10 | 20 | -0.05 | 0.04 | -99 | | | | | | |

EL24/2008 Appendix A: Soil Sample Locations and Assays 25/8/2008 to 24/8/2013

| H1000 | Sample | E_MGA55 | N_MGA55 | Colour | Description | Batch | Date | Sn_XRF% | Sn_ICP% | WO3 | Fe | Al | Ag | As | B | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu | | |
|-------|--------|---------|---------|--------|------------------------|------------|------------|---------|---------|---------|------|------|-------|------|-------|-----|-------|------|------|-------|-------|-------|------|------|------|-----|-----|
| H1001 | | metres | metres | | | | | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | | |
| D | PXS121 | 352850 | 5399500 | dbn | B/C horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0009 | 0.00015 | -0.0013 | -999 | -999 | 0.17 | 1.1 | 30 | 50 | 0.1 | 0.1 | -999 | -999 | -999 | -999 | 21 | -999 | 9.1 | | |
| D | PXS122 | 352900 | 5399500 | bn | B horizon 25cm depth | AD11061287 | 16/05/2011 | 0.0009 | 0.00039 | -0.0013 | -999 | -999 | 0.13 | 3.2 | 60 | 130 | 0.26 | 0.4 | -999 | -999 | -999 | -999 | 25 | -999 | 7.1 | | |
| D | PXS123 | 352950 | 5399500 | dbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0007 | 0.00013 | -0.0013 | -999 | -999 | 0.11 | 1.5 | 30 | 50 | 0.12 | 0.14 | -999 | -999 | -999 | -999 | 14 | -999 | 8.9 | | |
| D | PXS124 | 353000 | 5399500 | dbn | B/C horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0001 | 0.00031 | -0.0013 | -999 | -999 | 0.15 | 6.5 | 50 | 120 | 0.49 | 0.17 | -999 | -999 | -999 | -999 | 28 | -999 | 8.6 | | |
| D | PXS125 | 353050 | 5399500 | bn | B/C horizon 20cm depth | AD11061287 | 16/05/2011 | 0.0006 | 0.00013 | -0.0013 | -999 | -999 | 0.1 | 1.2 | 30 | 20 | -0.05 | 0.14 | -999 | -999 | -999 | -999 | 27 | -999 | 6.5 | | |
| D | PXS126 | 353100 | 5399500 | dbn | B horizon 20cm depth | AD11061287 | 16/05/2011 | 0.0008 | 0.00015 | -0.0013 | -999 | -999 | 0.05 | 3 | 30 | 20 | 0.11 | 0.24 | -999 | -999 | -999 | -999 | 15 | -999 | 6.9 | | |
| D | PXS127 | 353150 | 5399500 | dbn | B horizon 20cm depth | AD11061287 | 16/05/2011 | 0.0008 | 0.00007 | -0.0013 | -999 | -999 | 0.02 | 0.9 | 20 | 20 | -0.05 | 0.11 | -999 | -999 | -999 | -999 | 12 | -999 | 3.9 | | |
| D | PXS128 | 353200 | 5399500 | dbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.00006 | -0.0013 | -999 | -999 | -0.02 | 1.9 | 10 | 30 | 0.05 | 0.25 | -999 | -999 | -999 | -999 | 9 | -999 | 5.7 | | |
| D | PXS129 | 353250 | 5399500 | dbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0007 | 0.00017 | -0.0013 | -999 | -999 | 0.14 | 3.7 | 20 | 40 | 0.15 | 0.1 | -999 | -999 | -999 | -999 | 25 | -999 | 8.1 | | |
| D | PXS130 | 353300 | 5399500 | lbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0007 | 0.00032 | -0.0013 | -999 | -999 | 0.23 | 3.1 | 90 | 80 | 0.39 | 0.13 | -999 | -999 | -999 | -999 | 36 | -999 | 8.2 | | |
| D | PXS131 | 353350 | 5399500 | lbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | -0.0005 | 0.00054 | 0.0013 | -999 | -999 | 0.38 | 14.2 | 40 | 70 | 1.12 | 0.4 | -999 | -999 | -999 | -999 | 121 | -999 | 91.9 | | |
| D | PXS132 | 353400 | 5399500 | bn | B horizon 15cm depth | AD11061287 | 16/05/2011 | -0.0005 | 0.00057 | 0.005 | -999 | -999 | 0.41 | 9.8 | 40 | 60 | 1.36 | 0.62 | -999 | -999 | -999 | -999 | 101 | -999 | 107 | | |
| D | PXS133 | 353450 | 5399500 | dbn | B horizon 15cm depth | AD11061287 | 16/05/2011 | 0.0005 | 0.00031 | 0.0013 | -999 | -999 | 0.44 | 1.7 | 90 | 80 | 1.9 | 0.13 | -999 | -999 | -999 | -999 | 15 | -999 | 7.1 | | |
| D | PXS138 | 352100 | 5400250 | gy | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00013 | -0.0013 | -999 | -999 | 0.22 | 1.2 | 40 | 40 | 0.22 | 0.1 | -999 | -999 | -999 | -999 | 32 | -999 | 14.8 | | |
| D | PXS139 | 352150 | 5400250 | lbn | B horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00018 | -0.0013 | -999 | -999 | 0.26 | 1.2 | 40 | 70 | 0.38 | 0.11 | -999 | -999 | -999 | -999 | 29 | -999 | 15.8 | | |
| D | PXS140 | 352200 | 5400250 | lgy | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00026 | -0.0013 | -999 | -999 | 0.3 | 1.1 | 50 | 240 | 1.05 | 0.14 | -999 | -999 | -999 | -999 | 27 | -999 | 19.1 | | |
| D | PXS141 | 352250 | 5400250 | lbn | B horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00039 | -0.0013 | -999 | -999 | 0.35 | 4 | 80 | 430 | 1.89 | 0.34 | -999 | -999 | -999 | -999 | 59 | -999 | 16.9 | | |
| D | PXS142 | 352300 | 5400250 | lgy | B horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00031 | -0.0013 | -999 | -999 | 0.28 | 2.3 | 80 | 280 | 1.49 | 0.28 | -999 | -999 | -999 | -999 | 60 | -999 | 8.3 | | |
| D | PXS143 | 352350 | 5400250 | lbn-gy | C horizon 60cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00031 | -0.0013 | -999 | -999 | 0.54 | 4 | 30 | 150 | 0.87 | 0.26 | -999 | -999 | -999 | -999 | 141 | -999 | 20.8 | | |
| D | PXS144 | 352400 | 5400250 | lgy | B horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.0002 | -0.0013 | -999 | -999 | 0.33 | 1 | 50 | 90 | 0.48 | 0.12 | -999 | -999 | -999 | -999 | 27 | -999 | 9.6 | | |
| D | PXS145 | 352450 | 5400250 | lgy | B horizon 35cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.0002 | -0.0013 | -999 | -999 | 0.27 | 1.1 | 50 | 140 | 0.81 | 0.1 | -999 | -999 | -999 | -999 | 28 | -999 | 7.9 | | |
| D | PXS146 | 352500 | 5400250 | dbn | B horizon 15cm depth | AD11052568 | 13/04/2011 | 0.0009 | 0.00014 | -0.0013 | -999 | -999 | 0.32 | 1.5 | 20 | 40 | 0.18 | 0.1 | -999 | -999 | -999 | -999 | 41 | -999 | 16.9 | | |
| D | PXS147 | 352100 | 5400000 | dgy | C horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00011 | -0.0013 | -999 | -999 | 0.12 | 1.1 | 10 | 70 | 0.34 | 0.07 | -999 | -999 | -999 | -999 | 25 | -999 | 12.2 | | |
| D | PXS148 | 352150 | 5400000 | gybn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0005 | 0.00022 | -0.0013 | -999 | -999 | 0.2 | 3.3 | 20 | 40 | 0.23 | 0.08 | -999 | -999 | -999 | -999 | 39 | -999 | 32.9 | | |
| D | PXS149 | 352200 | 5400000 | gybn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0005 | 0.00029 | 0.0013 | -999 | -999 | 0.22 | 3.2 | 40 | 170 | 0.93 | 0.09 | -999 | -999 | -999 | -999 | 50 | -999 | 27.6 | | |
| D | PXS150 | 352250 | 5400000 | gy | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.0002 | -0.0013 | -999 | -999 | 0.26 | 1.4 | 40 | 150 | 0.66 | 0.1 | -999 | -999 | -999 | -999 | 36 | -999 | 15.2 | | |
| D | PXS151 | 352300 | 5400000 | lgy | B horizon 30cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00017 | -0.0013 | -999 | -999 | 0.37 | 1.3 | 20 | 70 | 0.31 | 0.14 | -999 | -999 | -999 | -999 | 30 | -999 | 14.8 | | |
| D | PXS152 | 352350 | 5400000 | gybn | B horizon 40cm depth | AD11052568 | 13/04/2011 | 0.0007 | 0.00027 | 0.0013 | -999 | -999 | 0.31 | 4 | 40 | 110 | 0.54 | 0.14 | -999 | -999 | -999 | -999 | 44 | -999 | 25.7 | | |
| D | PXS153 | 352400 | 5400000 | lgy | B horizon 30cm depth | AD11052568 | 13/04/2011 | 0.0006 | 0.00033 | -0.0013 | -999 | -999 | 0.36 | 3.2 | 40 | 100 | 0.53 | 0.12 | -999 | -999 | -999 | -999 | 44 | -999 | 33.5 | | |
| D | PXS154 | 352450 | 5400000 | gybn | B horizon 20cm depth | AD11052568 | 13/04/2011 | 0.0005 | 0.00023 | 0.0013 | -999 | -999 | 0.45 | 1.8 | 30 | 90 | 0.42 | 0.12 | -999 | -999 | -999 | -999 | 26 | -999 | 18 | | |
| D | PXS155 | 352500 | 5400000 | gy | B horizon 25cm depth | AD11052568 | 13/04/2011 | 0.0008 | 0.00015 | -0.0013 | -999 | -999 | 0.18 | 1.7 | 20 | 70 | 0.28 | 0.09 | -999 | -999 | -999 | -999 | 36 | -999 | 14.9 | | |
| D | PXS253 | 352150 | 5399750 | lgy | B horizon 35cm depth | AD12167936 | 17/08/2012 | 0.0009 | 0.00021 | 0.00034 | -999 | -999 | 0.44 | 2.97 | -0.01 | 1.4 | 80 | 140 | 0.68 | 0.17 | 0.01 | -0.02 | 64.7 | 0.4 | 30 | 5.7 | 3.2 |
| D | PXS254 | 352200 | 5399750 | bn-gy | B horizon 25cm depth | AD12167936 | 17/08/2012 | 0.0008 | 0.00011 | 0.00018 | 0.4 | 1.2 | 0.02 | 0.3 | 30 | 60 | 0.34 | 0.11 | 0.01 | -0.02 | 30.4 | 0.4 | 14 | 2.72 | 3.9 | | |
| D | PXS255 | 352250 | 5399750 | lgy | B horizon 30cm depth | AD12167936 | 17/08/2012 | 0.0007 | 0.00026 | 0.00049 | 0.54 | 1.59 | 0.01 | 1.2 | 50 | 80 | 0.32 | 0.15 | 0.01 | -0.02 | 92.2 | 0.6 | 21 | 3.03 | 5.3 | | |
| D | PXS256 | 352300 | 5399750 | lbn | B horizon 30cm depth | AD12167936 | 17/08/2012 | 0.0005 | 0.00021 | 0.00018 | 7.52 | 5.11 | 0.09 | 2.7 | 10 | 80 | 0.78 | 0.09 | 0.44 | 0.04 | 34.1 | 22.5 | 314 | 9.97 | 11.6 | | |
| D | PXS257 | 352350 | 5399750 | dbn | B horizon 40cm depth | AD12167936 | 17/08/2012 | 0.0006 | 0.00007 | 0.00018 | 1.04 | 0.34 | 0.03 | 0.8 | 30 | 20 | 0.08 | 0.07 | 0.09 | -0.02 | 27.8 | 0.4 | 15 | 0.7 | 2.2 | | |
| D | PXS258 | 352400 | 5399750 | lgy | B/C horizon 25cm depth | AD12167936 | 17/08/2012 | 0.0009 | 0.00018 | 0.00032 | 0.38 | 3.24 | -0.01 | 0.5 | 80 | 150 | 0.69 | 0.11 | 0.01 | -0.02 | 56.7 | 0.1 | 22 | 5.9 | 0.2 | | |
| D | PXS259 | 352450 | 5399750 | lgy-wt | B horizon 50cm depth | AD12167936 | 17/08/2012 | 0.0007 | 0.00014 | 0.00042 | 0.43 | 1.36 | -0.01 | 0.7 | 60 | 70 | 0.3 | 0.11 | 0.01 | -0.02 | 50.7 | 0.2 | 17 | 3.18 | 2.3 | | |
| D | PXS260 | 352500 | 5399750 | gy | B/C horizon 25cm depth | AD12167936 | 17/08/2012 | 0.0007 | 0.00026 | 0.00024 | 0.86 | 3.54 | 0.01 | 0.8 | 50 | 270 | 0.84 | 0.21 | 0.01 | -0.02 | 50 | 0.7 | 25 | 4.08 | 4.7 | | |
| D | PXS261 | 352150 | 5399500 | gy-bn | B horizon 30cm depth | AD12167936 | 17/08/2012 | 0.0006 | 0.00013 | 0.00018 | 0.87 | 1.67 | 0.01 | 0.6 | 40 | 90 | 0.38 | 0.1 | 0.03 | -0.02 | 27.5 | 0.3 | 21 | 3.27 | 3.2 | | |
| D | PXS262 | 352200 | 5399500 | dgy | B/C horizon 20cm depth | AD12167936 | 17/08/2012 | 0.0008 | 0.00016 | 0.00023 | 1.16 | 2.26 | 0.01 | 0.9 | 60 | 120 | 0.47 | 0.14 | 0.05 | -0.02 | 30.6 | 0.5 | 38 | 4.16 | 2.7 | | |
| D | PXS263 | 352250 | 5399500 | lbn | A/B horizon 30cm depth | AD12167936 | 17/08/2012 | 0.0013 | 0.00065 | 0.00064 | 2.7 | 4.17 | 0.03 | 6.2 | 30 | 60 | 0.61 | 0.67 | 0.19 | -0.02 | 56.1 | 5 | 130 | 2.72 | 4.8 | | |
| D | PXS264 | 352300 | 5399500 | dbn | A horizon 20cm depth | AD12167936 | 17/08/2012 | 0.0012 | 0.00008 | 0.00016 | 0.96 | 0.47 | 0.02 | 0.6 | 30 | 20 | 0.1 | 0.08 | 0.11 | 0.02 | 26.3 | 0.5 | 16 | 0.99 | 2.1 | | |
| D | PXS265 | 352350 | 5399500 | dbn | A horizon 50cm depth | AD12167936 | 17/08/2012 | 0.0009 | 0.00005 | 0.00008 | 0.52 | 0.39 | 0.02 | 1 | 10 | 20 | 0.1 | 0.08 | 0.02 | -0.02 | 13.95 | 0.2 | 9 | 0.61 | 1.6 | | |
| D | PXS266 | 352400 | 5399500 | bn | B horizon 20cm depth | AD12167936 | 17/08/2012 | 0.0005 | 0.0001 | 0.00023 | 0.35 | 1.07 | 0.01 | 0.4 | 40 | 50 | 0.26 | 0.08 | 0.02 | -0.02 | 59.3 | 0.2 | 17 | 2.73 | 0.7 | | |
| D | PXS270 | 352450 | 5399500 | dbn | A/B horizon 20cm depth | AD12167936 | 17/08/2012 | 0.001 | 0.00013 | 0.00016 | 1.27 | 0.43 | 0.06 | 1 | 20 | 30 | 0.09 | 0.09 | 0.07 | -0.02 | 18.8 | 0.7 | 19 | 0.67 | 4.4 | | |
| D | PXS271 | 352500 | 5399500 | gy-bn | B horizon 20cm depth | AD12167936 | 17/08/2012 | 0.0008 | 0.00015 | 0.00021 | 0.41 | 1.66 | 0.04 | 0.3 | 40 | 100 | 0.41 | 0.09 | 0.01 | -0.02 | 17.55 | 0.1 | 17 | 3.15 | 1.6 | | |
| D | PXS296 | 352300 | 5399250 | gy | B horizon 35cm depth | AD12201995 | 19/09/2012 | 0.0005 | 0.00012 | 0.00023 | 0.45 | 1.47 | 0.03 | 0.8 | 30 | 80 | 0.38 | 0.09 | 0.05 | 0.02 | 42.4 | 0.4 | 18 | 3.06 | 2.8 | | |
| D | PXS297 | 352350 | 5399250 | gy-bn | B horizon 30cm depth | AD12201995 | 19/09/ | | | | | | | | | | | | | | | | | | | | |

EL24/2008 Appendix A: Soil Sample Locations and Assays 25/8/2008 to 24/8/2013

| H1000 | Sample | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Na | Mo | Nb | Ni | P | Pb | Rb | Re | S | Sb | Se | Sr | Ta | Te | Th | Ti | U | V | Y | Zn | Zr |
|-------|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| H1001 | | ppm | ppm | ppm | ppm | % | ppm | ppm | % | % | % | ppm | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm |
| D | PXS042 | -999 | -999 | -999 | -999 | -999 | -999 | 36.8 | -999 | -999 | -999 | -999 | -999 | 33.1 | -999 | 14.6 | 23 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS043 | -999 | -999 | -999 | -999 | -999 | -999 | 38.3 | -999 | -999 | -999 | -999 | -999 | 28 | -999 | 20.1 | 23.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS044 | -999 | -999 | -999 | -999 | -999 | -999 | 38.2 | -999 | -999 | -999 | -999 | -999 | 20.6 | -999 | 17.5 | 14 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS045 | -999 | -999 | -999 | -999 | -999 | -999 | 25.7 | -999 | -999 | -999 | -999 | -999 | 26.7 | -999 | 18.7 | 10.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS046 | -999 | -999 | -999 | -999 | -999 | -999 | 18.9 | -999 | -999 | -999 | -999 | -999 | 38.4 | -999 | 16.6 | 12.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS047 | -999 | -999 | -999 | -999 | -999 | -999 | 24.8 | -999 | -999 | -999 | -999 | -999 | 8.6 | -999 | 8.6 | 163 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS048 | -999 | -999 | -999 | -999 | -999 | -999 | 43.8 | -999 | -999 | -999 | -999 | -999 | 7.1 | -999 | 31.5 | 256 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS049 | -999 | -999 | -999 | -999 | -999 | -999 | 5.5 | -999 | -999 | -999 | -999 | -999 | 7.3 | -999 | 3.9 | 10 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS050 | -999 | -999 | -999 | -999 | -999 | -999 | 10 | -999 | -999 | -999 | -999 | -999 | 8.1 | -999 | 4.5 | 25.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS051 | -999 | -999 | -999 | -999 | -999 | -999 | 5.4 | -999 | -999 | -999 | -999 | -999 | 7.8 | -999 | 10.8 | 9.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS052 | -999 | -999 | -999 | -999 | -999 | -999 | 26.8 | -999 | -999 | -999 | -999 | -999 | 23.1 | -999 | 23.5 | 81.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS053 | -999 | -999 | -999 | -999 | -999 | -999 | 58.4 | -999 | -999 | -999 | -999 | -999 | 77.2 | -999 | 18.8 | 12.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS054 | -999 | -999 | -999 | -999 | -999 | -999 | 28.9 | -999 | -999 | -999 | -999 | -999 | 21.1 | -999 | 24.3 | 26.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS055 | -999 | -999 | -999 | -999 | -999 | -999 | 15.7 | -999 | -999 | -999 | -999 | -999 | 15.5 | -999 | 23 | 76.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS056 | -999 | -999 | -999 | -999 | -999 | -999 | 5.2 | -999 | -999 | -999 | -999 | -999 | 6.4 | -999 | 5.6 | 20.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS057 | -999 | -999 | -999 | -999 | -999 | -999 | 7.5 | -999 | -999 | -999 | -999 | -999 | 7.7 | -999 | 13.1 | 19.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS058 | -999 | -999 | -999 | -999 | -999 | -999 | 42.7 | -999 | -999 | -999 | -999 | -999 | 37.1 | -999 | 19.9 | 31.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS059 | -999 | -999 | -999 | -999 | -999 | -999 | 32.1 | -999 | -999 | -999 | -999 | -999 | 11 | -999 | 20 | 40.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS060 | -999 | -999 | -999 | -999 | -999 | -999 | 5.5 | -999 | -999 | -999 | -999 | -999 | 11.8 | -999 | 12.5 | 5.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS061 | -999 | -999 | -999 | -999 | -999 | -999 | 10.1 | -999 | -999 | -999 | -999 | -999 | 3.5 | -999 | 4.6 | 44.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS062 | -999 | -999 | -999 | -999 | -999 | -999 | 5 | -999 | -999 | -999 | -999 | -999 | 4.3 | -999 | 3.8 | 7.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS063 | -999 | -999 | -999 | -999 | -999 | -999 | 10.5 | -999 | -999 | -999 | -999 | -999 | 21.6 | -999 | 13 | 10.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS064 | -999 | -999 | -999 | -999 | -999 | -999 | 37.7 | -999 | -999 | -999 | -999 | -999 | 35.9 | -999 | 23.2 | 124.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS065 | -999 | -999 | -999 | -999 | -999 | -999 | 18.1 | -999 | -999 | -999 | -999 | -999 | 7.2 | -999 | 2.4 | 8.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS070 | -999 | -999 | -999 | -999 | -999 | -999 | 4.9 | -999 | -999 | -999 | -999 | -999 | 11.1 | -999 | 3.6 | 6.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS071 | -999 | -999 | -999 | -999 | -999 | -999 | 3.6 | -999 | -999 | -999 | -999 | -999 | 6.6 | -999 | 4.6 | 9.7 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS072 | -999 | -999 | -999 | -999 | -999 | -999 | 8.7 | -999 | -999 | -999 | -999 | -999 | 5.9 | -999 | 7 | 43.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS073 | -999 | -999 | -999 | -999 | -999 | -999 | 10.8 | -999 | -999 | -999 | -999 | -999 | 12.8 | -999 | 38.8 | 13.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS074 | -999 | -999 | -999 | -999 | -999 | -999 | 71.3 | -999 | -999 | -999 | -999 | -999 | 81.5 | -999 | 17.8 | 14.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS075 | -999 | -999 | -999 | -999 | -999 | -999 | 44.3 | -999 | -999 | -999 | -999 | -999 | 23.8 | -999 | 19.5 | 24.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS076 | -999 | -999 | -999 | -999 | -999 | -999 | 12.9 | -999 | -999 | -999 | -999 | -999 | 8.4 | -999 | 4.8 | 35.3 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS077 | -999 | -999 | -999 | -999 | -999 | -999 | 3.4 | -999 | -999 | -999 | -999 | -999 | 8.5 | -999 | 3.1 | 8.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS078 | -999 | -999 | -999 | -999 | -999 | -999 | 16.7 | -999 | -999 | -999 | -999 | -999 | 7 | -999 | 8.8 | 36.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS079 | -999 | -999 | -999 | -999 | -999 | -999 | 11.4 | -999 | -999 | -999 | -999 | -999 | 8.2 | -999 | 10.2 | 16.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS080 | -999 | -999 | -999 | -999 | -999 | -999 | 24.5 | -999 | -999 | -999 | -999 | -999 | 4.9 | -999 | 10.9 | 143 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS081 | -999 | -999 | -999 | -999 | -999 | -999 | 13.1 | -999 | -999 | -999 | -999 | -999 | 7.3 | -999 | 4.1 | 33.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS082 | -999 | -999 | -999 | -999 | -999 | -999 | 12.6 | -999 | -999 | -999 | -999 | -999 | 10.7 | -999 | 6.7 | 37.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS083 | -999 | -999 | -999 | -999 | -999 | -999 | 23.4 | -999 | -999 | -999 | -999 | -999 | 25.1 | -999 | 21.4 | 19.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS084 | -999 | -999 | -999 | -999 | -999 | -999 | 21.8 | -999 | -999 | -999 | -999 | -999 | 6.3 | -999 | 4.1 | 29.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS085 | -999 | -999 | -999 | -999 | -999 | -999 | 0.9 | -999 | -999 | -999 | -999 | -999 | 1.9 | -999 | 10.5 | 1.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS086 | -999 | -999 | -999 | -999 | -999 | -999 | 1.4 | -999 | -999 | -999 | -999 | -999 | 2.4 | -999 | 2.4 | 2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS087 | -999 | -999 | -999 | -999 | -999 | -999 | 1.1 | -999 | -999 | -999 | -999 | -999 | 8.7 | -999 | 6.4 | 5.7 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS088 | -999 | -999 | -999 | -999 | -999 | -999 | 5.6 | -999 | -999 | -999 | -999 | -999 | 10.6 | -999 | 8.7 | 5.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS089 | -999 | -999 | -999 | -999 | -999 | -999 | 27 | -999 | -999 | -999 | -999 | -999 | 27 | -999 | 24.1 | 33.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS090 | -999 | -999 | -999 | -999 | -999 | -999 | 6.5 | -999 | -999 | -999 | -999 | -999 | 16.4 | -999 | 7.4 | 20.7 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS091 | -999 | -999 | -999 | -999 | -99 | | | | | | | | | | | | | | | | | | | | | | | | | |

EL24/2008 Appendix A: Soil Sample Locations and Assays 25/8/2008 to 24/8/2013

| H1000 | Sample | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Na | Mo | Nb | Ni | P | Pb | Rb | Re | S | Sb | Se | Sr | Ta | Te | Th | Ti | U | V | Y | Zn | Zr |
|-------|--------|-------|------|------|-------|------|------|------|------|-------|------|------|------|------|-------|------|-------|-------|------|------|------|------|------|-------|------|-------|------|------|------|------|-------|
| H1001 | | ppm | ppm | ppm | ppm | % | ppm | ppm | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| D | PXS121 | -999 | -999 | -999 | -999 | -999 | -999 | 5.6 | -999 | -999 | -999 | -999 | -999 | 7.1 | -999 | 2.3 | 8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS122 | -999 | -999 | -999 | -999 | -999 | -999 | 3.7 | -999 | -999 | -999 | -999 | -999 | 3.3 | -999 | 2.8 | 47 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS123 | -999 | -999 | -999 | -999 | -999 | -999 | 1.9 | -999 | -999 | -999 | -999 | -999 | 2.5 | -999 | 8.1 | 11.3 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS124 | -999 | -999 | -999 | -999 | -999 | -999 | 9.1 | -999 | -999 | -999 | -999 | -999 | 6.2 | -999 | 4.9 | 43.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS125 | -999 | -999 | -999 | -999 | -999 | -999 | 2.9 | -999 | -999 | -999 | -999 | -999 | 4.3 | -999 | 4.4 | 2.3 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS126 | -999 | -999 | -999 | -999 | -999 | -999 | 1.8 | -999 | -999 | -999 | -999 | -999 | 4 | -999 | 5.5 | 5.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS127 | -999 | -999 | -999 | -999 | -999 | -999 | 0.9 | -999 | -999 | -999 | -999 | -999 | 2.2 | -999 | 3.1 | 2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS128 | -999 | -999 | -999 | -999 | -999 | -999 | 0.6 | -999 | -999 | -999 | -999 | -999 | 2.5 | -999 | 10.3 | 2.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS129 | -999 | -999 | -999 | -999 | -999 | -999 | 4 | -999 | -999 | -999 | -999 | -999 | 4 | -999 | 4 | 4.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS130 | -999 | -999 | -999 | -999 | -999 | -999 | 6.4 | -999 | -999 | -999 | -999 | -999 | 3.5 | -999 | 4.1 | 23.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS131 | -999 | -999 | -999 | -999 | -999 | -999 | 25.3 | -999 | -999 | -999 | -999 | -999 | 33.1 | -999 | 12.7 | 22.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS132 | -999 | -999 | -999 | -999 | -999 | -999 | 22.1 | -999 | -999 | -999 | -999 | -999 | 22.3 | -999 | 15.8 | 23.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS133 | -999 | -999 | -999 | -999 | -999 | -999 | 22.7 | -999 | -999 | -999 | -999 | -999 | 4.7 | -999 | 19.1 | 270 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS138 | -999 | -999 | -999 | -999 | -999 | -999 | 9.2 | -999 | -999 | -999 | -999 | -999 | 4.1 | -999 | 1.8 | 10.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS139 | -999 | -999 | -999 | -999 | -999 | -999 | 8.4 | -999 | -999 | -999 | -999 | -999 | 5.6 | -999 | 2.2 | 22.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS140 | -999 | -999 | -999 | -999 | -999 | -999 | 8.7 | -999 | -999 | -999 | -999 | -999 | 4.5 | -999 | 4.1 | 72.7 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS141 | -999 | -999 | -999 | -999 | -999 | -999 | 24.3 | -999 | -999 | -999 | -999 | -999 | 6.4 | -999 | 3.4 | 151.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS142 | -999 | -999 | -999 | -999 | -999 | -999 | 22.1 | -999 | -999 | -999 | -999 | -999 | 2.2 | -999 | 5.4 | 131.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS143 | -999 | -999 | -999 | -999 | -999 | -999 | 59.7 | -999 | -999 | -999 | -999 | -999 | 82.1 | -999 | 11.6 | 56.3 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS144 | -999 | -999 | -999 | -999 | -999 | -999 | 9.8 | -999 | -999 | -999 | -999 | -999 | 2.8 | -999 | 4.3 | 38.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS145 | -999 | -999 | -999 | -999 | -999 | -999 | 16.2 | -999 | -999 | -999 | -999 | -999 | 3.1 | -999 | 3.9 | 68.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS146 | -999 | -999 | -999 | -999 | -999 | -999 | 7.9 | -999 | -999 | -999 | -999 | -999 | 3.9 | -999 | 5.4 | 9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS147 | -999 | -999 | -999 | -999 | -999 | -999 | 6.9 | -999 | -999 | -999 | -999 | -999 | 4.1 | -999 | 2.7 | 20.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS148 | -999 | -999 | -999 | -999 | -999 | -999 | 9.1 | -999 | -999 | -999 | -999 | -999 | 11.4 | -999 | 5 | 11.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS149 | -999 | -999 | -999 | -999 | -999 | -999 | 12.5 | -999 | -999 | -999 | -999 | -999 | 12.2 | -999 | 5.1 | 62.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS150 | -999 | -999 | -999 | -999 | -999 | -999 | 8.1 | -999 | -999 | -999 | -999 | -999 | 4.9 | -999 | 4.3 | 46.8 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS151 | -999 | -999 | -999 | -999 | -999 | -999 | 9.3 | -999 | -999 | -999 | -999 | -999 | 4 | -999 | 4.7 | 21 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS152 | -999 | -999 | -999 | -999 | -999 | -999 | 11.2 | -999 | -999 | -999 | -999 | -999 | 8.4 | -999 | 5.9 | 63.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS153 | -999 | -999 | -999 | -999 | -999 | -999 | 11.2 | -999 | -999 | -999 | -999 | -999 | 15.6 | -999 | 3.2 | 45.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS154 | -999 | -999 | -999 | -999 | -999 | -999 | 9.1 | -999 | -999 | -999 | -999 | -999 | 4.2 | -999 | 5.8 | 30.5 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS155 | -999 | -999 | -999 | -999 | -999 | -999 | 9.5 | -999 | -999 | -999 | -999 | -999 | 5.4 | -999 | 4.2 | 22 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 |
| D | PXS253 | 9.59 | 0.15 | 5 | 0.03 | 1.08 | 28.6 | 13.9 | 0.19 | 0.005 | 0.03 | 0.78 | 15.3 | 1.5 | 0.007 | 2.2 | 63.5 | -0 | 0.01 | 0.5 | -1 | 8.8 | 1.2 | -0.05 | 9 | 0.43 | 2.4 | 41 | 13.9 | 6 | 164.5 |
| D | PXS254 | 3.83 | 0.1 | 3.4 | 0.011 | 0.48 | 14.1 | 10.3 | 0.08 | 0.004 | 0.02 | 0.38 | 8.4 | 1.4 | 0.005 | 2.2 | 27.2 | -0 | 0.02 | 0.28 | -1 | 7.4 | 0.55 | -0.05 | 4.4 | 0.227 | 1.5 | 13 | 9.3 | 6 | 112 |
| D | PXS255 | 7.21 | 0.16 | 4.9 | 0.017 | 0.36 | 42.9 | 7 | 0.11 | 0.016 | 0.02 | 1.25 | 29.6 | 3.5 | 0.01 | 2.8 | 20.1 | -0 | 0.02 | 1.57 | 1 | 5.1 | 1.76 | -0.05 | 10 | 0.76 | 2.2 | 45 | 15.8 | 7 | 176 |
| D | PXS256 | 13.65 | 0.48 | 4.5 | 0.064 | 0.29 | 18.3 | 41.3 | 3.38 | 0.078 | 0.33 | 1.88 | 40.1 | 194 | 0.043 | 9.1 | 16.3 | -0 | 0.05 | 0.33 | 3 | 14.9 | 2.62 | 0.09 | 6.3 | 1.375 | 1.9 | 103 | 11.5 | 45 | 204 |
| D | PXS257 | 1.22 | 0.1 | 2.4 | 0.006 | 0.12 | 13.1 | 2.6 | 0.08 | 0.012 | 0.02 | 0.38 | 6.2 | 3.1 | 0.011 | 2.1 | 4.9 | 0.002 | 0.04 | 0.28 | -1 | 14.4 | 0.4 | -0.05 | 3.2 | 0.18 | 1.1 | 6 | 7.5 | 7 | 81.9 |
| D | PXS258 | 9.76 | 0.08 | 4 | 0.033 | 1.44 | 27.1 | 8.5 | 0.27 | 0.006 | 0.03 | 0.39 | 10.9 | 1.6 | 0.006 | 1.7 | 70 | -0 | 0.01 | 0.56 | -1 | 6 | 0.87 | -0.05 | 6.9 | 0.319 | 2 | 34 | 13.3 | 6 | 139 |
| D | PXS259 | 5.06 | 0.05 | 4 | 0.017 | 0.53 | 24.3 | 5.3 | 0.13 | 0.006 | 0.02 | 0.33 | 13.8 | 1.4 | 0.007 | 1.3 | 25.8 | -0 | 0.02 | 0.44 | -1 | 6 | 0.87 | -0.05 | 6.1 | 0.375 | 2.1 | 16 | 13.9 | 8 | 144 |
| D | PXS260 | 10.8 | 0.06 | 3.7 | 0.038 | 1.24 | 23.3 | 6.5 | 0.17 | 0.011 | 0.05 | 0.4 | 11.1 | 4.3 | 0.007 | 5.7 | 68.9 | -0 | 0.01 | 1.32 | -1 | 12.9 | 0.95 | -0.05 | 6.7 | 0.3 | 2 | 32 | 10.8 | 10 | 129.5 |
| D | PXS261 | 5.21 | 0.08 | 2.9 | 0.017 | 0.64 | 13.1 | 9.2 | 0.11 | 0.01 | 0.03 | 0.41 | 7.8 | 1.8 | 0.005 | 2.2 | 35.5 | 0.002 | 0.02 | 0.33 | -1 | 10.9 | 0.58 | -0.05 | 4.1 | 0.224 | 1.4 | 18 | 8.7 | 6 | 99.6 |
| D | PXS262 | 6.96 | 0.12 | 3.3 | 0.019 | 0.87 | 14.3 | 11.7 | 0.15 | 0.013 | 0.03 | 0.68 | 10.1 | 2.7 | 0.005 | 2.1 | 49 | -0 | 0.03 | 0.42 | -1 | 12.4 | 0.8 | 0.06 | 4.7 | 0.291 | 1.7 | 28 | 10.2 | 7 | 120 |
| D | PXS263 | 16.85 | 0.15 | 7.3 | 0.052 | 0.27 | 29.9 | 16.4 | 1.39 | 0.058 | 0.3 | 3.16 | 71.4 | 36.4 | 0.024 | 7.7 | 18 | 0.002 | 0.05 | 3.5 | 2 | 9.7 | 4.48 | 0.06 | 8.1 | 1.93 | 2.6 | 148 | 14.8 | 21 | 322 |
| D | PXS264 | 1.67 | 0.11 | 2 | 0.007 | 0.18 | 12.3 | 2.4 | 0.12 | 0.011 | 0.03 | 0.34 | 6.4 | 2.5 | 0.013 | 2.7 | 7.4 | 0.002 | 0.08 | 0.31 | -1 | 25.1 | 0.42 | -0.05 | 2.7 | 0.18 | 0.9 | 7 | 6.3 | 11 | 70.3 |
| D | PXS265 | 1.33 | 0.05 | 0.8 | 0.007 | 0.16 | 6.9 | 1 | 0.16 | 0.005 | 0.04 | 0.33 | 2.8 | 1.8 | 0.013 | 1.7 | 6.4 | -0 | 0.14 | 0.15 | 1 | 3.7 | 0.2 | -0.05 | 1.4 | 0.082 | 0.4 | 6 | 3 | 36 | 28.4 |
| D | PXS266 | 3.61 | 0.07 | 2.9 | 0.016 | 0.45 | 27.7 | 4.8 | 0.11 | 0.005 | 0.02 | 0.32 | 7.1 | 1.1 | 0.009 | 1.6 | 22.9 | -0 | 0.03 | 0.39 | -1 | 6.8 | | | | | | | | | |

Appendix B

Stream Sediment Sample Locations and Assays

EL24/2008 Appendix B: Stream Sediment Sample Locations and Assays 25/8/2008 to 24/8/2013

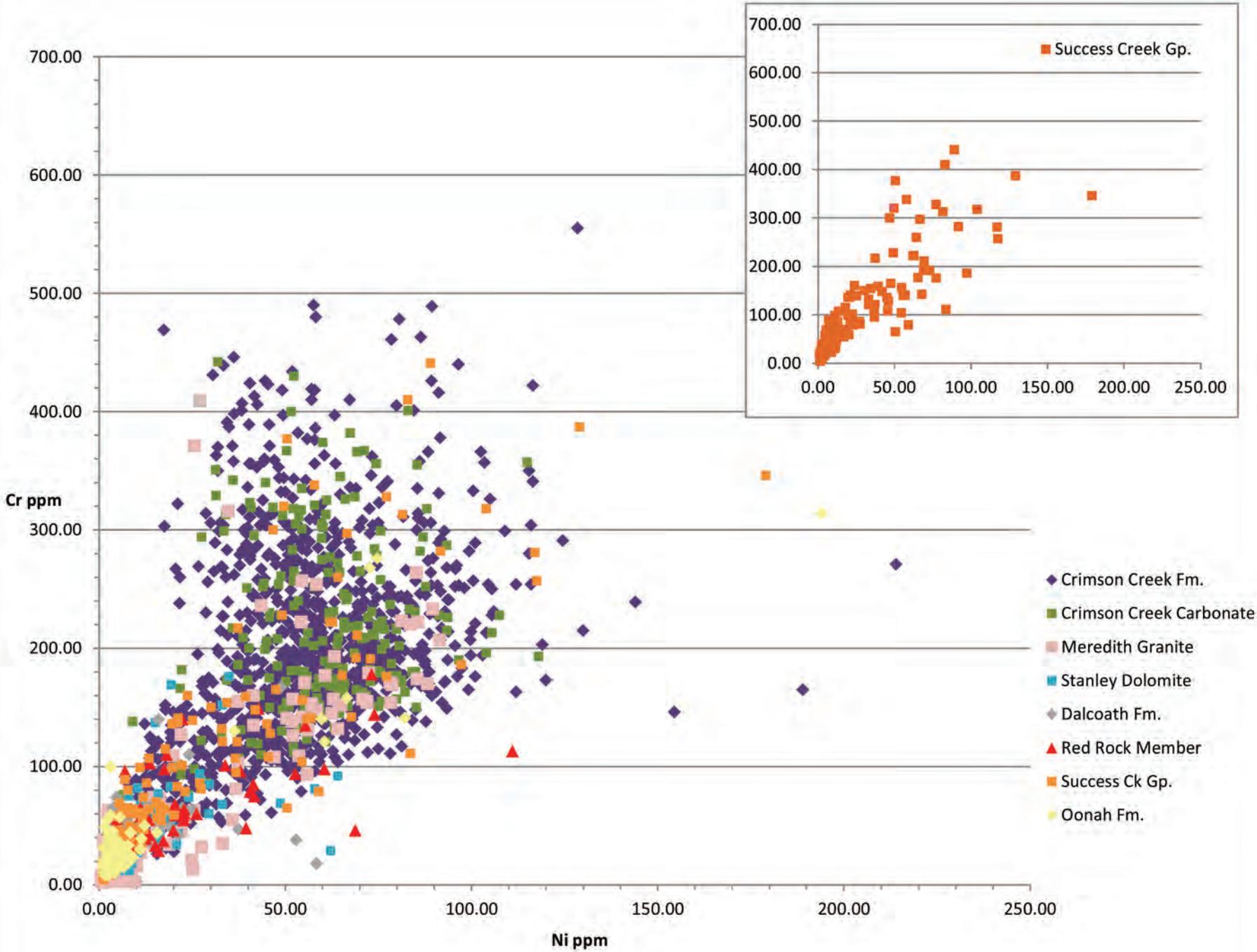
| | | | | | | | | | | |
|-------|--------------------------------|---|----------------------|---|--|--|------------|------------|---------|--|
| H0002 | Version | 3 | | | | | | | | |
| H0003 | Date_generated | 24/08/2013 | | | | | | | | |
| H0004 | Reporting_period_end_date | 25/08/2013 | | | | | | | | |
| H0005 | State | TAS | | | | | | | | |
| H0100 | Tenement | EL24/2008 | | | | | | | | |
| H0101 | Tenement_holder | Venture Minerals Ltd | | | | | | | | |
| H0102 | Project_name | Paradox Creek | | | | | | | | |
| H0106 | Tenement_operator | Venture Minerals Ltd | | | | | | | | |
| H0150 | 250K_map_sheet | SK5503 Burnie | | | | | | | | |
| H0151 | 100K_map_sheet | 7914 Pieman | | | | | | | | |
| H0152 | 50K_map_sheet | na | | | | | | | | |
| H0153 | 25K_map_sheet | 3438 Livingstone, 3439 Meredith | | | | | | | | |
| H0200 | Start_date_of_data_acquisition | 25/08/2008 | | | | | | | | |
| H0201 | End_date_of_data_acquisition | 24/08/2013 | | | | | | | | |
| H0202 | Data_format | SG3 | | | | | | | | |
| H0203 | Number_of_data_records | 11 | | | | | | | | |
| H0204 | Date_of_metadata_update | 24/08/2013 | | | | | | | | |
| H0500 | Feature_Located | STREAM SEDIMENT SAMPLE | | | | | | | | |
| H0501 | Geodetic_datum | GDA94 | | | | | | | | |
| H0502 | Vertical_datum | not applicable | | | | | | | | |
| H0503 | Projection | MGA | | | | | | | | |
| H0531 | Projection_zone | 55 | | | | | | | | |
| H0532 | Surveying_instrument | Garmin GPS60CSx | | | | | | | | |
| H0533 | Surveying_Company | Venture Minerals Ltd | | | | | | | | |
| H0600 | Sample_code | STREAM | | | | | | | | |
| H0601 | Sample_type | panned concentrate | | | | | | | | |
| H0602 | Sample_description | see data | | | | | | | | |
| H0700 | Sample_preparation_code | PREP-21 | | | | | | | | |
| H0701 | Sample_preparation_details | dry & LM5 pulverise to approx P80 <75 microns | | | | | | | | |
| H0702 | Job_no | see data | | | | | | | | |
| H0800 | Assay_code | MS62,ICP61,ICP69,XRF05 | | | | | | | | |
| H0801 | Assay_company | ALS Global, samples prepared in Adelaide lab, assayed in Perth & Brisbane labs | | | | | | | | |
| H0802 | Assay_description | Sn by XRF on pressed powder disks (XRF05), B by nitric and hydrofluoric acid digest at ~200°C digest with ICP finish (B-ICP69), Fe, Al, Ca, K, Mg, Mn, Na, Si, P, Ti by XRF on fused disks (XRF12), all other elements by HNO3-HClO4-HF-HCl digestion with ICP&MS f | | | | | | | | |
| H0900 | Remarks: | -999 designates no assay, -1111 designates assay above upper limit of detection | | | | | | | | |
| H1000 | Sample | E_MGA55 N_MGA55 | Sampling_description | Lith_description | Site_description | Batch | Date | Sn_XRF | | |
| H1001 | | metres metres | | | | | | % | | |
| D | CCSS001 | 352061 | 5400962 | panned concentrate | qz-rich gravelly sand with little heavies, gravel mainly gy Oonah Fm qzwacke & siltstone, also rare hematitic qzwacke & siltstone float from Red Rock Member, Success Ck Gp? | qz-rich gravelly sand bars in and along side of creek | AD10047073 | 3/05/2010 | 0.0005 | |
| D | CCSS002 | 352080 | 5401045 | panned concentrate | sand rich in granite-derived qz (up to 5mm size) with minor bt & tu, Oonah qzwacke & argillite float dominant, common ifg fspar-phyric ?dolerite float & rare granite float | large pool at base of waterfall with gravel & sand between large rocks | AD10047073 | 3/05/2010 | 0.0008 | |
| D | MRSS059 | 353012 | 5401647 | sieved once <5mm sieve, panned concentrate, x4 pans | lbn-gy, lithic fragment dominated including fr magnetic ST & subrounded og-br lithics. Minor coarse qz, but qz-dominated fine fraction | steep creek flowing into Whyte River, weakly meandering between fallen logs and spindly dogwoods | AD11052568 | 13/04/2011 | 0.0005 | |
| D | MRSS060 | 353092 | 5401826 | sieved once <3mm seive, panned concentrate, x1 pan | gy sfq-smg qz sand w/ trace lithic fraction | steep slope w/ no surface flow | AD11052568 | 13/04/2011 | 0.0007 | |
| D | MSS3A | 352353 | 5399625 | 5 pans with 2mm sieve | angular fine to coarse gravels, QZ, siltstone, SS, l-mgy. No mt | Mod/low flowing, mod volume (~1.5L/s), width 3m, depth 30cm, gravely sed, above blocks lowering the flow. | AD12167936 | 17/08/2012 | -0.0005 | |
| D | PXSS001 | 352858 | 5400550 | sieved once <3mm seive, panned concentrate, x1 pan | | | AD11031132 | 15/03/2011 | -0.0005 | |
| D | PXSS002 | 352872 | 5400575 | sieved once <3mm seive, panned concentrate, x1 pan | | | AD11031132 | 15/03/2011 | 0.0008 | |
| D | PXSS003 | 353702 | 5400796 | sieved once <3mm sieve, panned concentrate, x4 pans | wt qz-dominated sand w/ some fp, minor bk tu & mt, trace lithics, bt | flowing stream amongst fallen logs & ZQT boulders w/ multiple coarse sand traps | AD11052568 | 13/04/2011 | -0.0005 | |
| D | PXSS004 | 353773 | 5400860 | sieved once <3mm sieve, panned concentrate, x4 pans | wt angular qz-dominated sand, minor weathered fp & angular tu. Noticeable vfg yw heavies collecting at back of pan during collection | just flowing stream amongst FG & ZQT moss-covered boulders & horizontal trunks. | AD11052568 | 13/04/2011 | 0.0005 | |
| D | PXSS005 | 353671 | 5400939 | sieved once <3mm sieve, panned concentrate, x4 pans | wt angular qz-dominated sand w/ weathered fp, minor tu & trace ex. Weakly magnetic lithics | stream flowing in shallow gully ~50m downstream of stream intersection point | AD11052568 | 13/04/2011 | 0.0005 | |
| D | PXSS006 | 353662 | 5401108 | sieved once <3mm sieve, panned concentrate, x4 pans | wt qz-dominated sand w/ significatn sfg weathered fp, minor glassy ex. Weakly magnetic bk mineral + tu & trace magnetic fraction | gently dipping streambed w/ qz gravel bank just downstream from sulfide rich ST—pxZHF & ooze seeping from stream banks | AD11052568 | 13/04/2011 | 0.0006 | |
| EOF | | | | | | | | | | |

EL24/2008 Appendix B: Stream Sediment Sample Locations and Assays 25/8/2008 to 24/8/2013

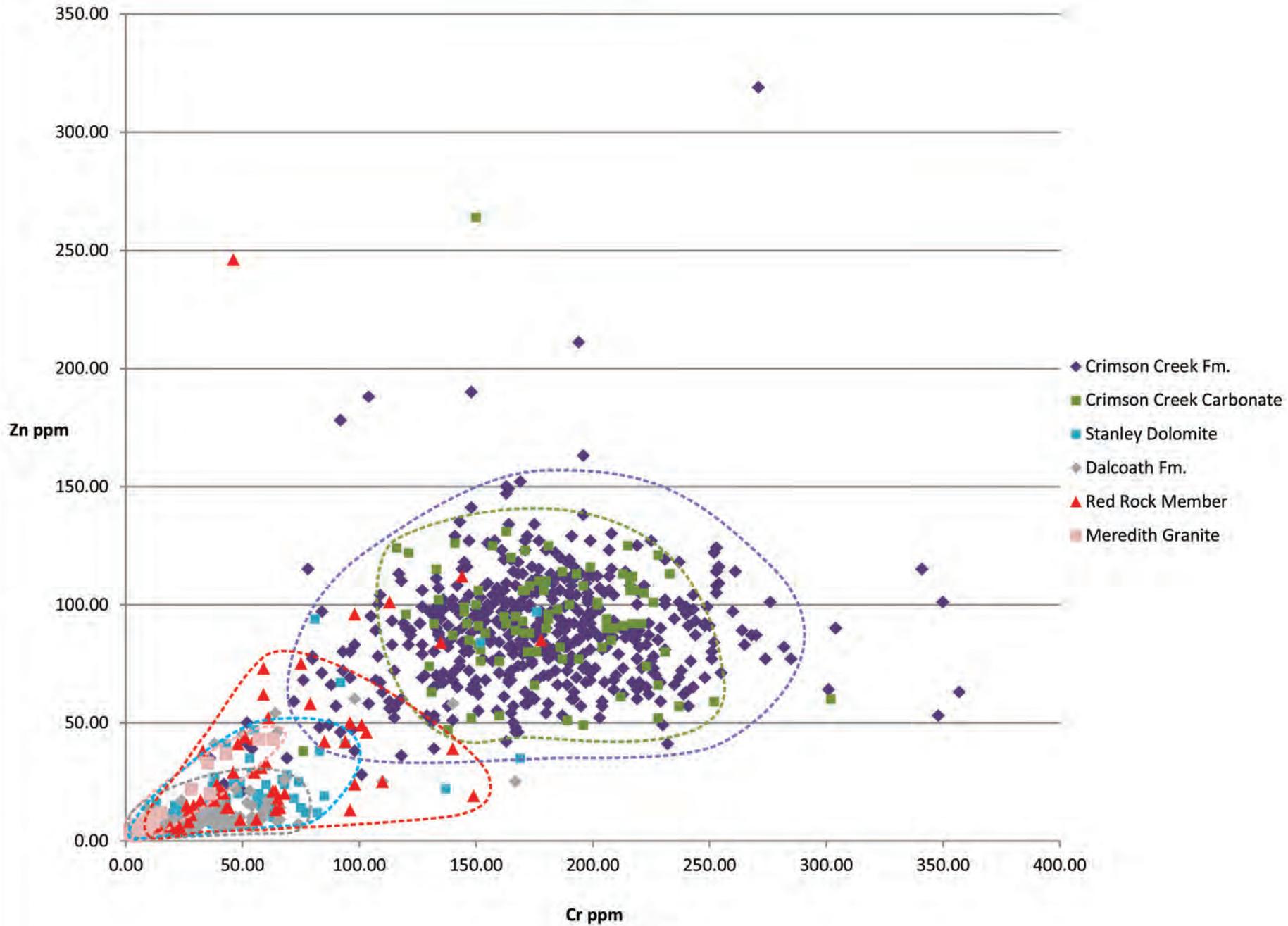
| Sn | ICP | WO3 | Fe | Al | Ag | As | B | Be | Bi | Ca | Ce | Co | Cr | Cu | La | Li | Mg | Mn | Mo | Ni | P | Pb | Rb | S | Si | Th | Ti | U | V | Y | Zn | Zr |
|---------|---------|-------|------|------|-----|------|------|------|-------|------|------|-----|------|------|------|-------|--------|------|------|--------|------|------|--------|------|---------|-------|------|------|------|------|-------|-----|
| % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | ppm | % | XRF 12% | ppm | % | ppm | ppm | ppm | ppm | ppm |
| 0.00018 | -0.0013 | 1.85 | 2.11 | 0.54 | -10 | 30 | 0.56 | 0.12 | 0.316 | -999 | -10 | 7 | -10 | -999 | 18.6 | 0.548 | 0.0307 | -10 | 12.3 | 0.0098 | -10 | 33.5 | 0.0351 | 41.6 | -999 | 0.524 | -10 | 30 | -999 | -10 | -999 | |
| 0.00021 | 0.0013 | 1.585 | 1.68 | 0.2 | -10 | 330 | 1.73 | 0.08 | 0.095 | -999 | 10 | -7 | 10 | -999 | 22.3 | 0.116 | 0.0221 | -10 | 2.1 | 0.0102 | 100 | 64.2 | 0.0069 | 43.2 | -999 | 0.064 | -10 | 51 | -999 | -10 | -999 | |
| 0.00019 | -0.0013 | -999 | -999 | 0.19 | 18 | 20 | 0.62 | 0.1 | -999 | -999 | -999 | 63 | 29.8 | -999 | 20.9 | -999 | -999 | -999 | -999 | 23.7 | -999 | 13.6 | 26.6 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.0001 | -0.0013 | -999 | -999 | 0.09 | 2.6 | 10 | 0.18 | 0.04 | -999 | -999 | -999 | 26 | 15.2 | -999 | 11.4 | -999 | -999 | -999 | -999 | 7.2 | -999 | 4.1 | 9.9 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00017 | 0.00003 | 7.61 | 7.6 | 0.06 | 5.2 | -999 | 0.73 | 0.02 | 5.48 | 29.2 | 33.6 | 106 | 77.4 | 11.8 | 9.9 | 2.48 | 0.11 | 1.99 | 42 | 0.099 | 3.9 | 12.2 | 0.06 | -999 | 1.8 | 1.15 | 0.3 | 224 | 40.1 | 117 | 151.5 | |
| 0.00013 | -0.0013 | -999 | -999 | 0.05 | 1.2 | 110 | 1.66 | 0.04 | -999 | -999 | -999 | 25 | 3.1 | -999 | 22.5 | -999 | -999 | -999 | -999 | 3.7 | -999 | 14 | 119 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00011 | -0.0013 | -999 | -999 | 0.05 | 1.4 | 140 | 1.67 | 0.03 | -999 | -999 | -999 | 23 | 2.5 | -999 | 21.9 | -999 | -999 | -999 | -999 | 2.8 | -999 | 6.2 | 111 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00013 | -0.0013 | -999 | -999 | 0.07 | 1.5 | 340 | 3.18 | 0.03 | -999 | -999 | -999 | 18 | 12.5 | -999 | 27.3 | -999 | -999 | -999 | -999 | 6.5 | -999 | 4.9 | 75.3 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00012 | 0.005 | -999 | -999 | 0.06 | 1.3 | 490 | 8.57 | 0.05 | -999 | -999 | -999 | 15 | 10.9 | -999 | 27.4 | -999 | -999 | -999 | -999 | 4.7 | -999 | 7.1 | 56.2 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00013 | -0.0013 | -999 | -999 | 0.06 | 1.6 | 260 | 4.72 | 0.04 | -999 | -999 | -999 | 19 | 12.1 | -999 | 27 | -999 | -999 | -999 | -999 | 6.3 | -999 | 4.3 | 68.4 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |
| 0.00015 | 0.0025 | -999 | -999 | 0.1 | 2.7 | 500 | 5.31 | 0.08 | -999 | -999 | -999 | 24 | 12.3 | -999 | 23.3 | -999 | -999 | -999 | -999 | 6.5 | -999 | 4.5 | 58.1 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | -999 | |

Appendix C

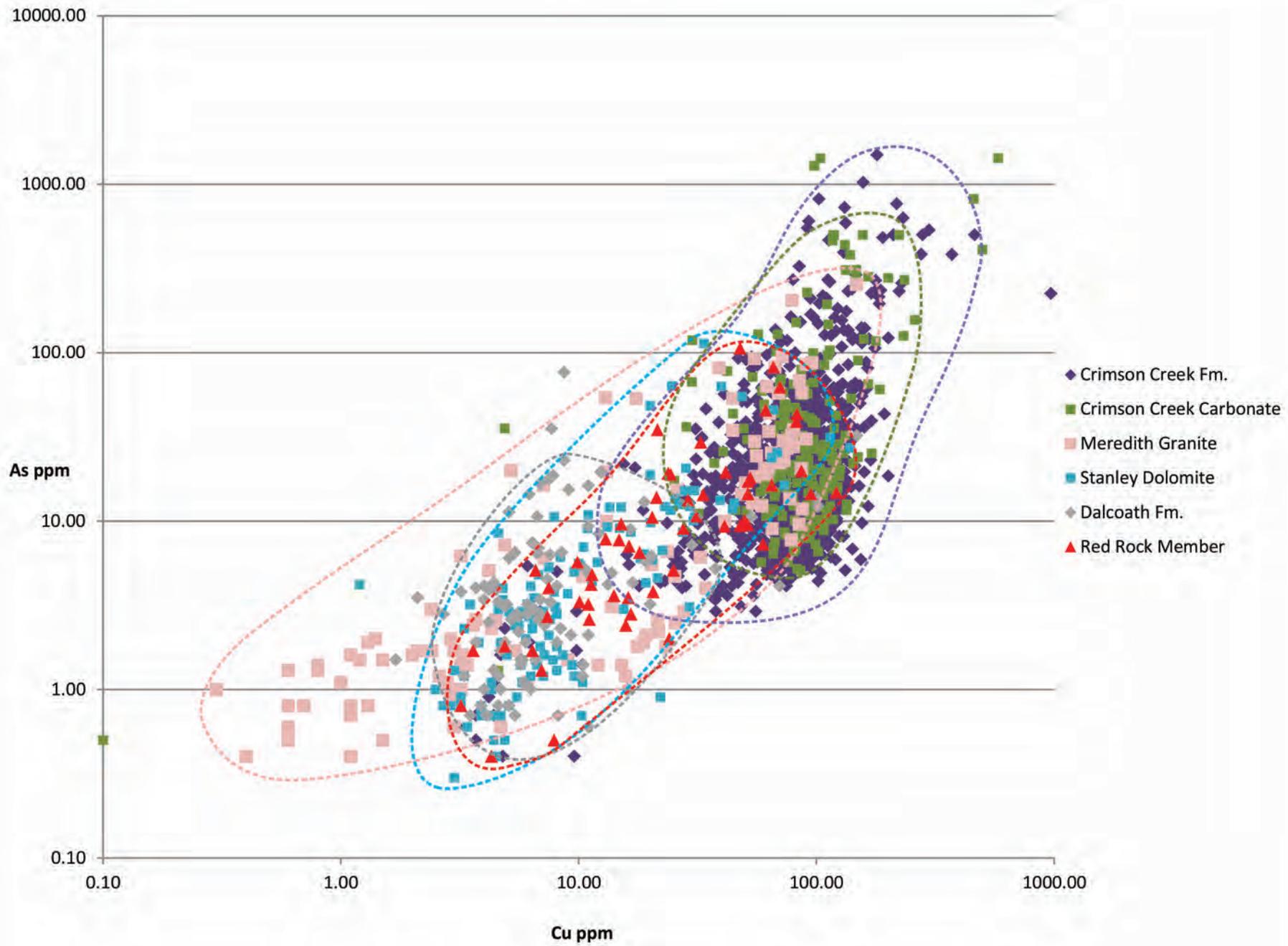
**Geochemical soil profiles
of the Crimson Creek Fm,
Success Creek Gp and
Oonah Fm**



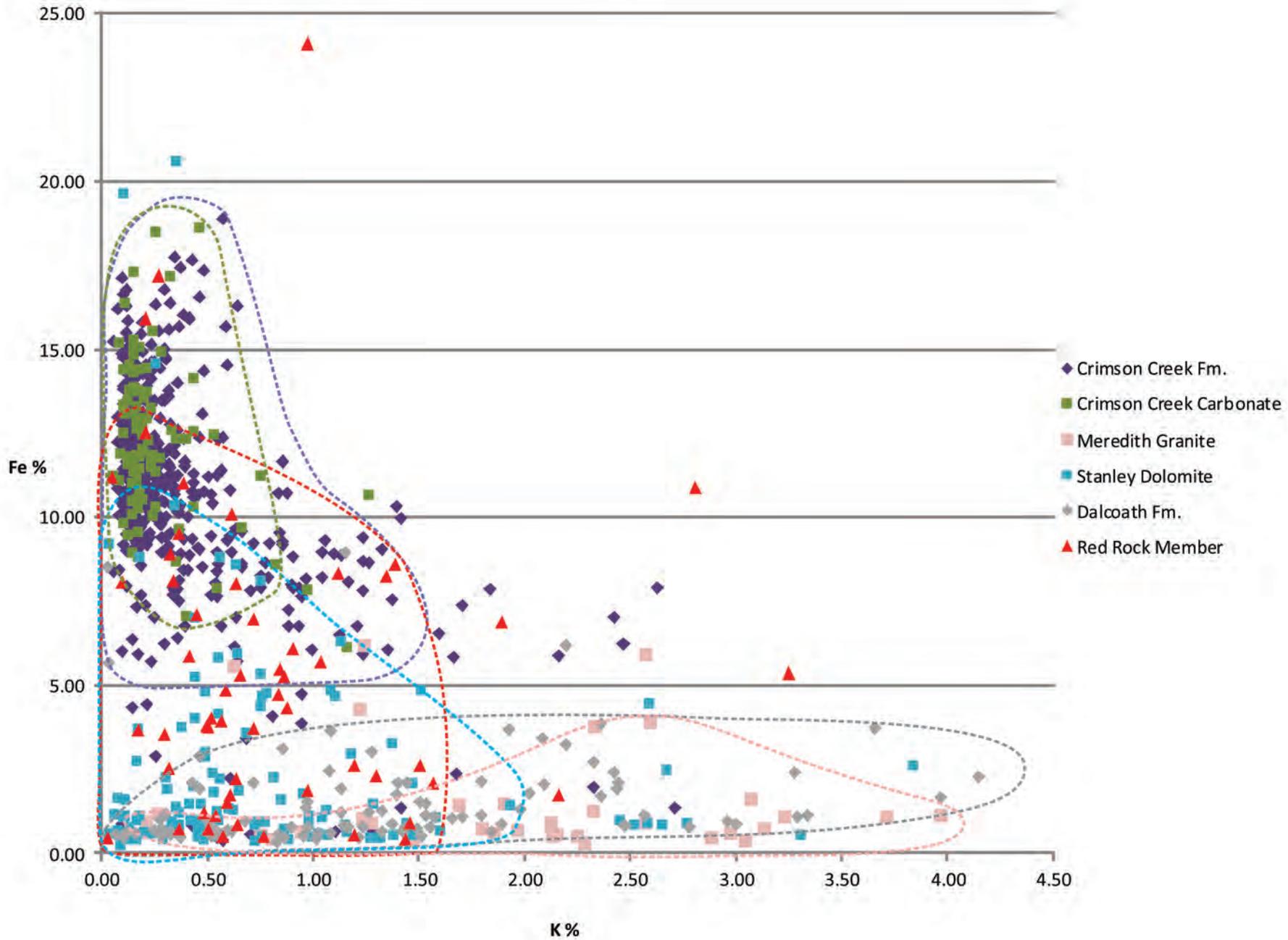
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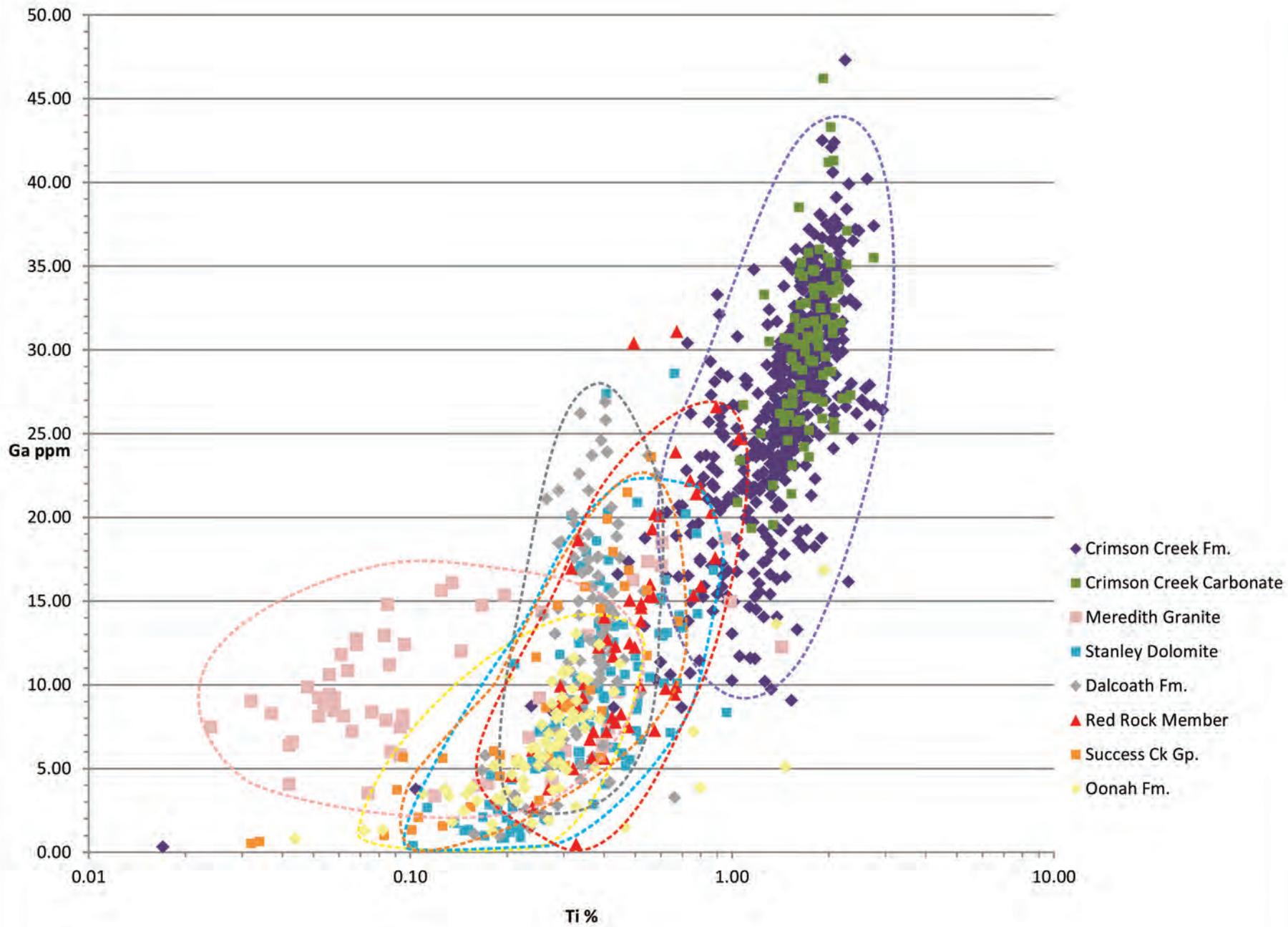


Cu:As

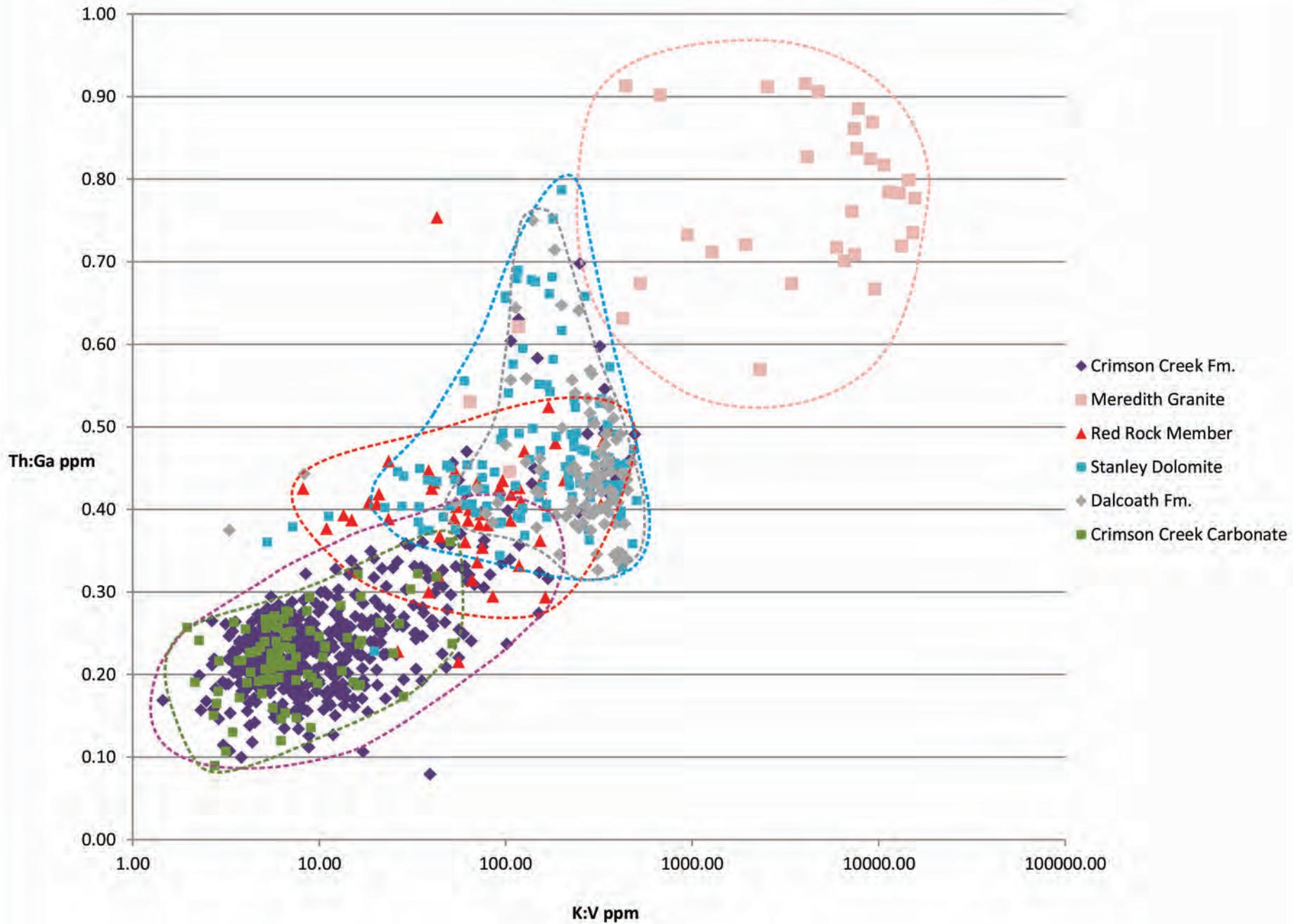


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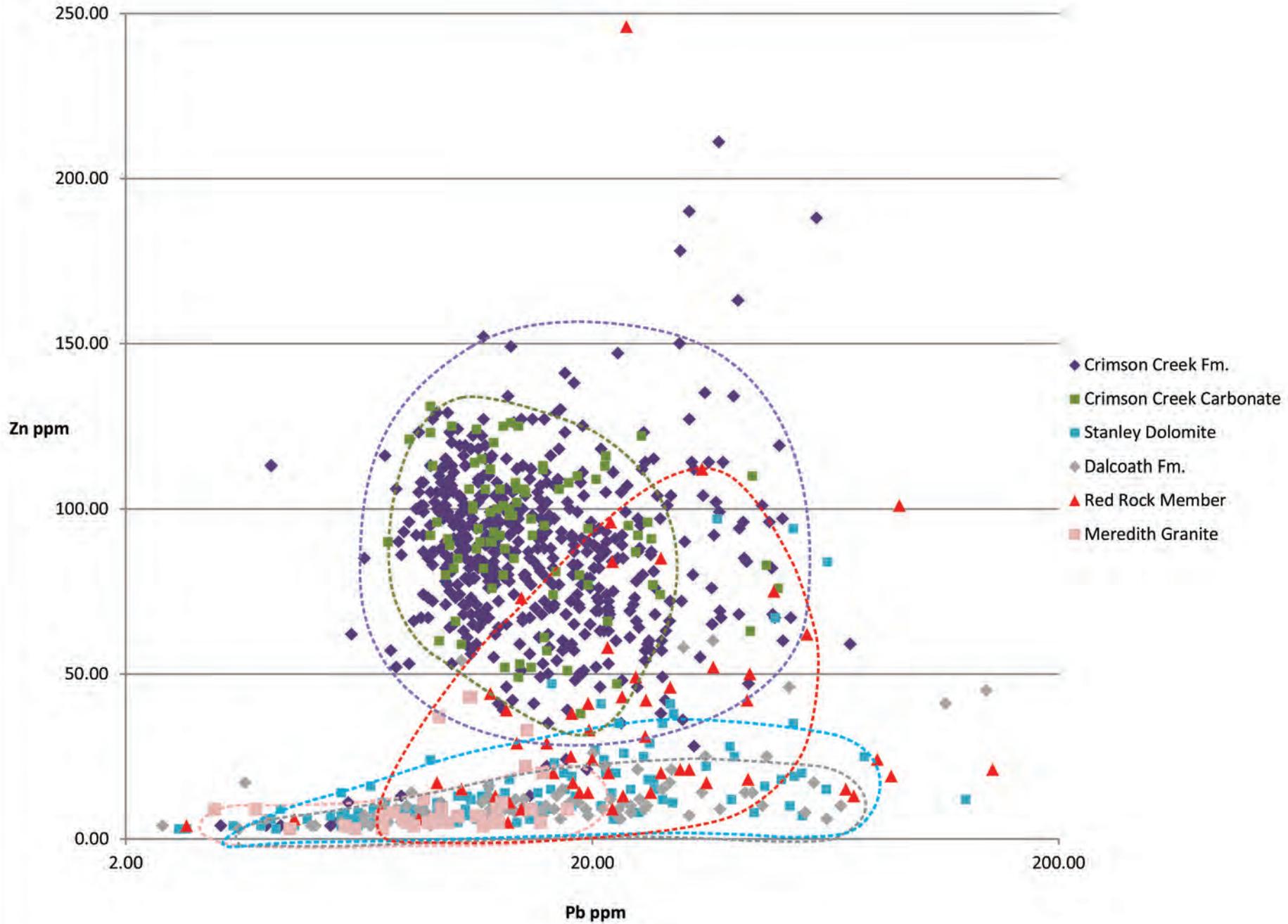




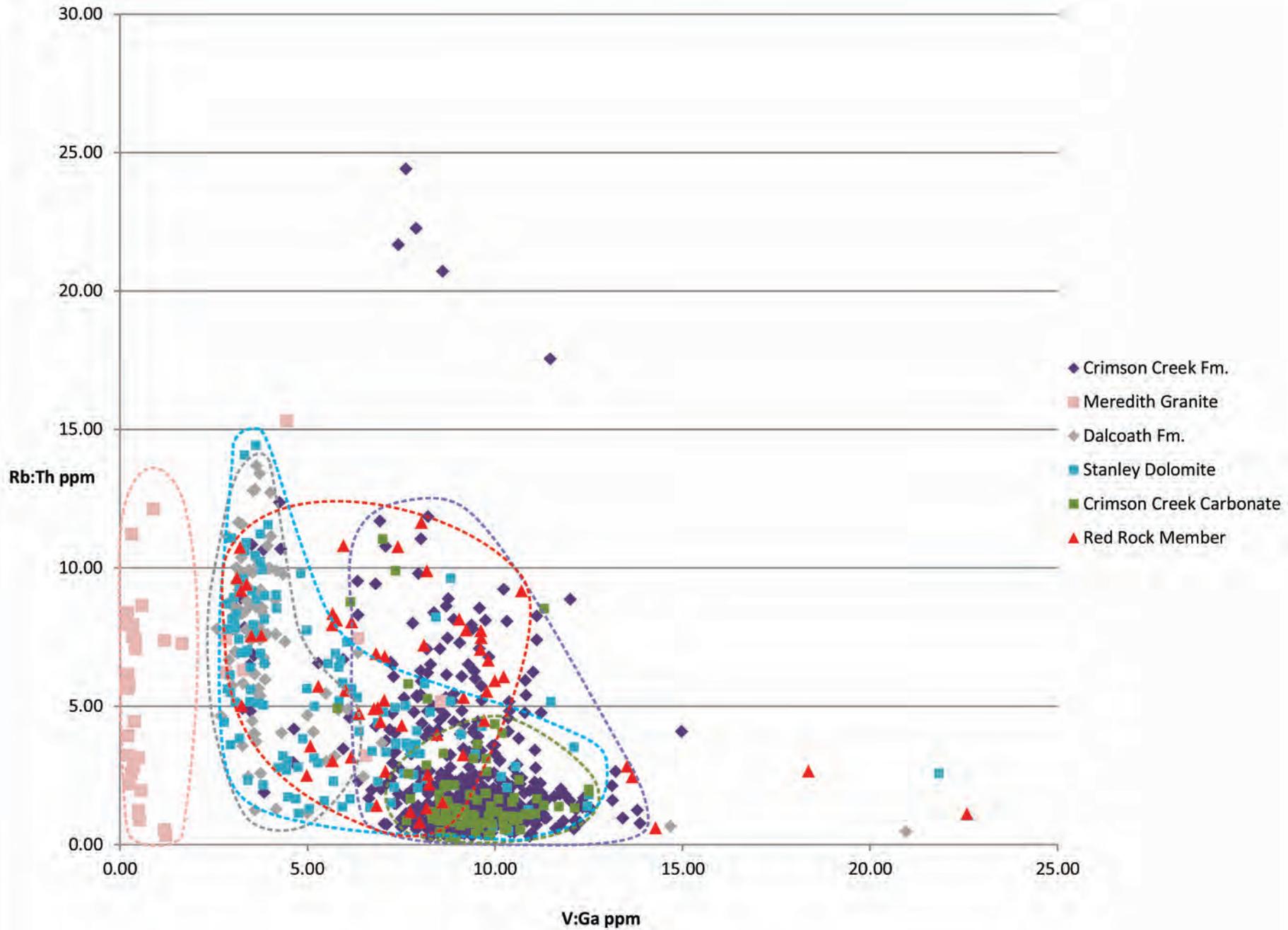
(K : V) : (Th : Ga)



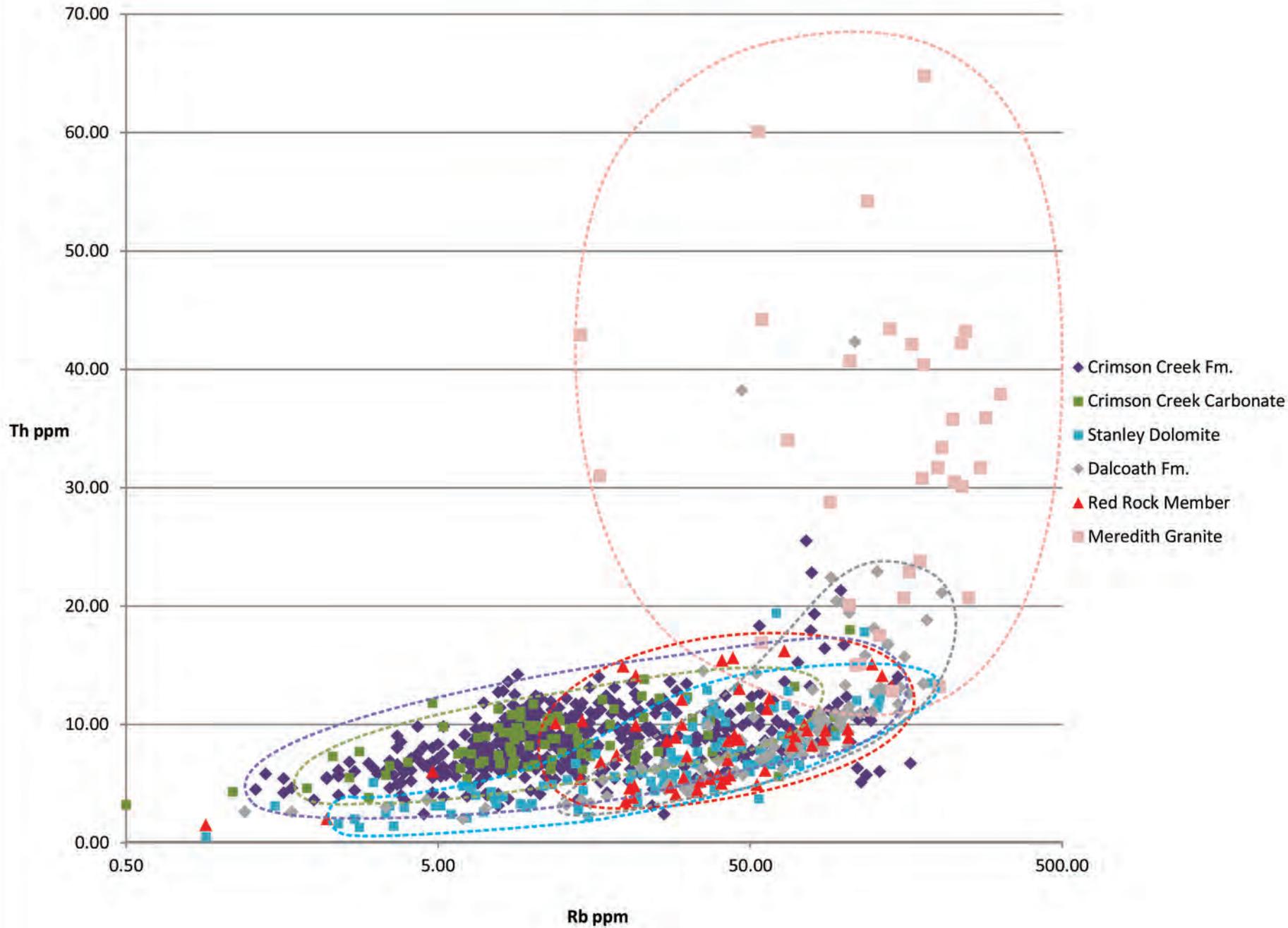
Pb:Zn



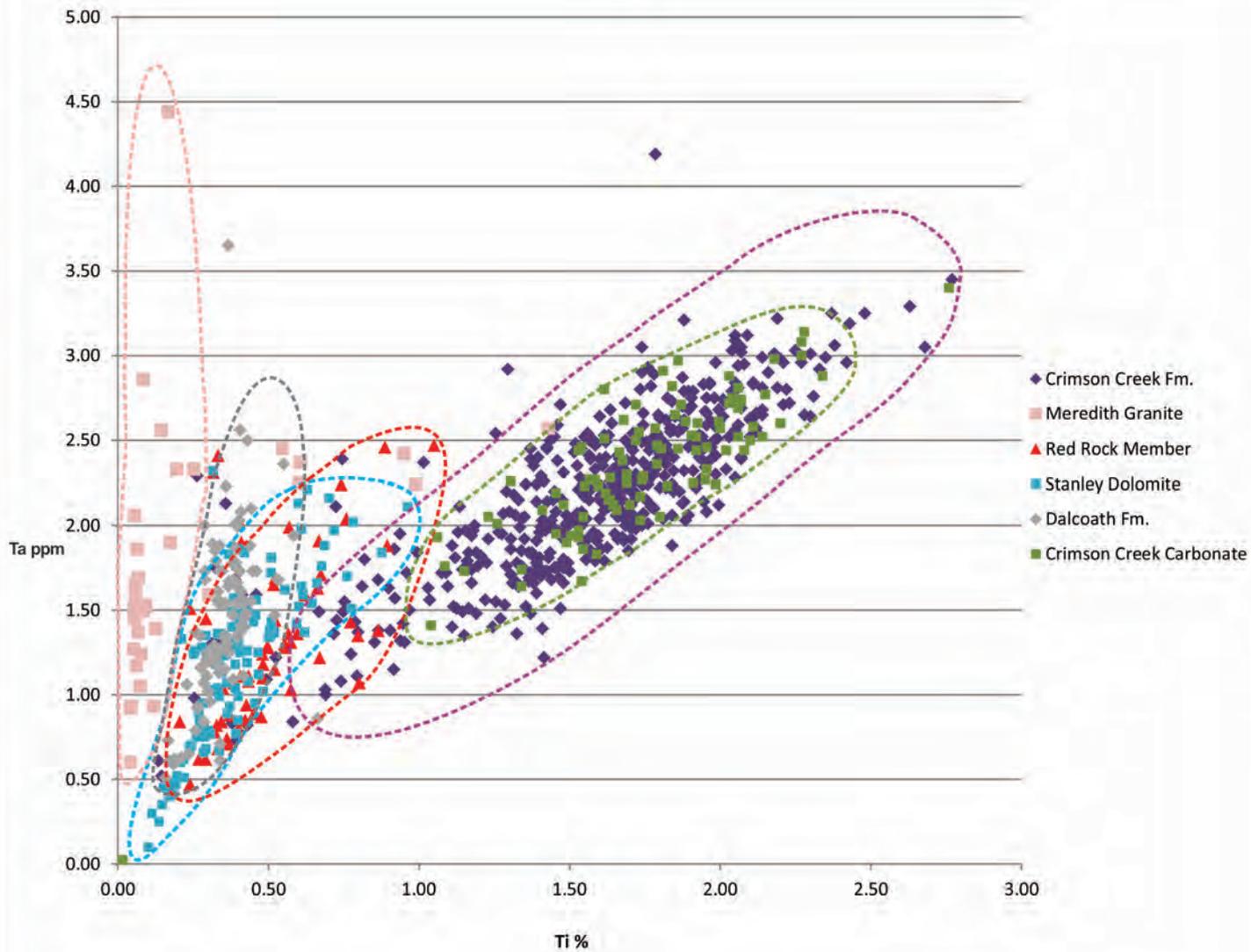
V:Ga-Rb:Th



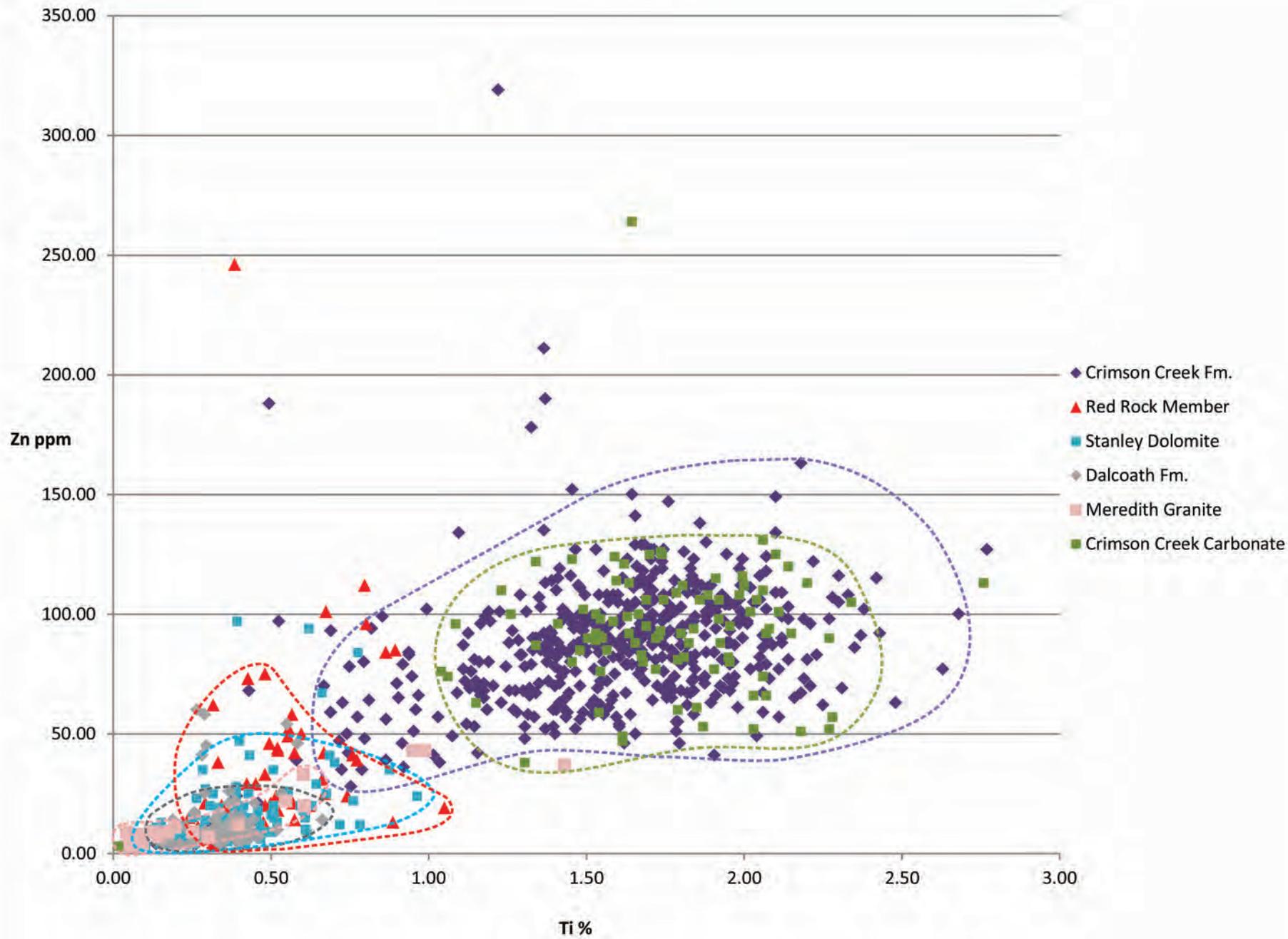
Rb:Th



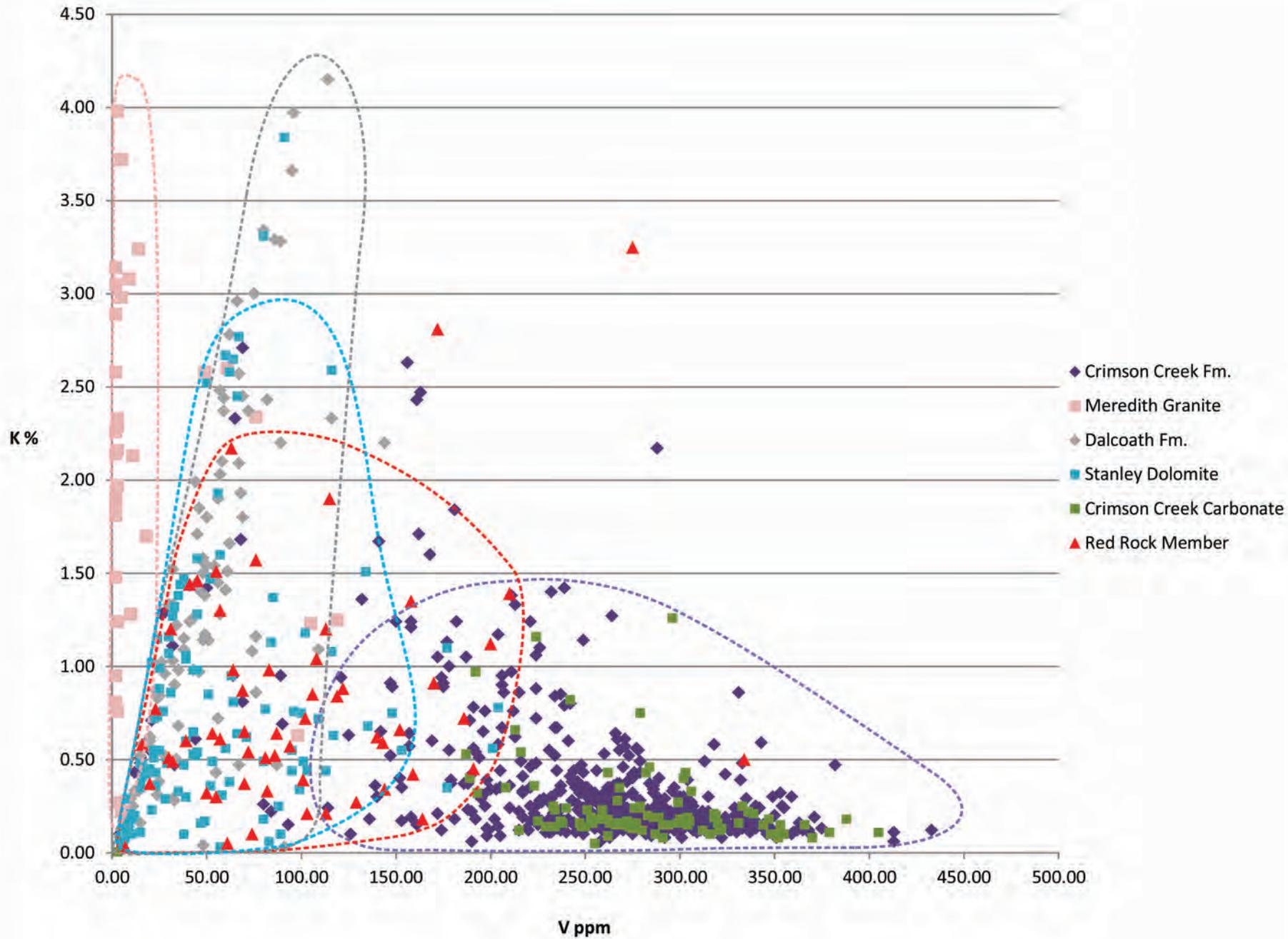
Ti : Ta



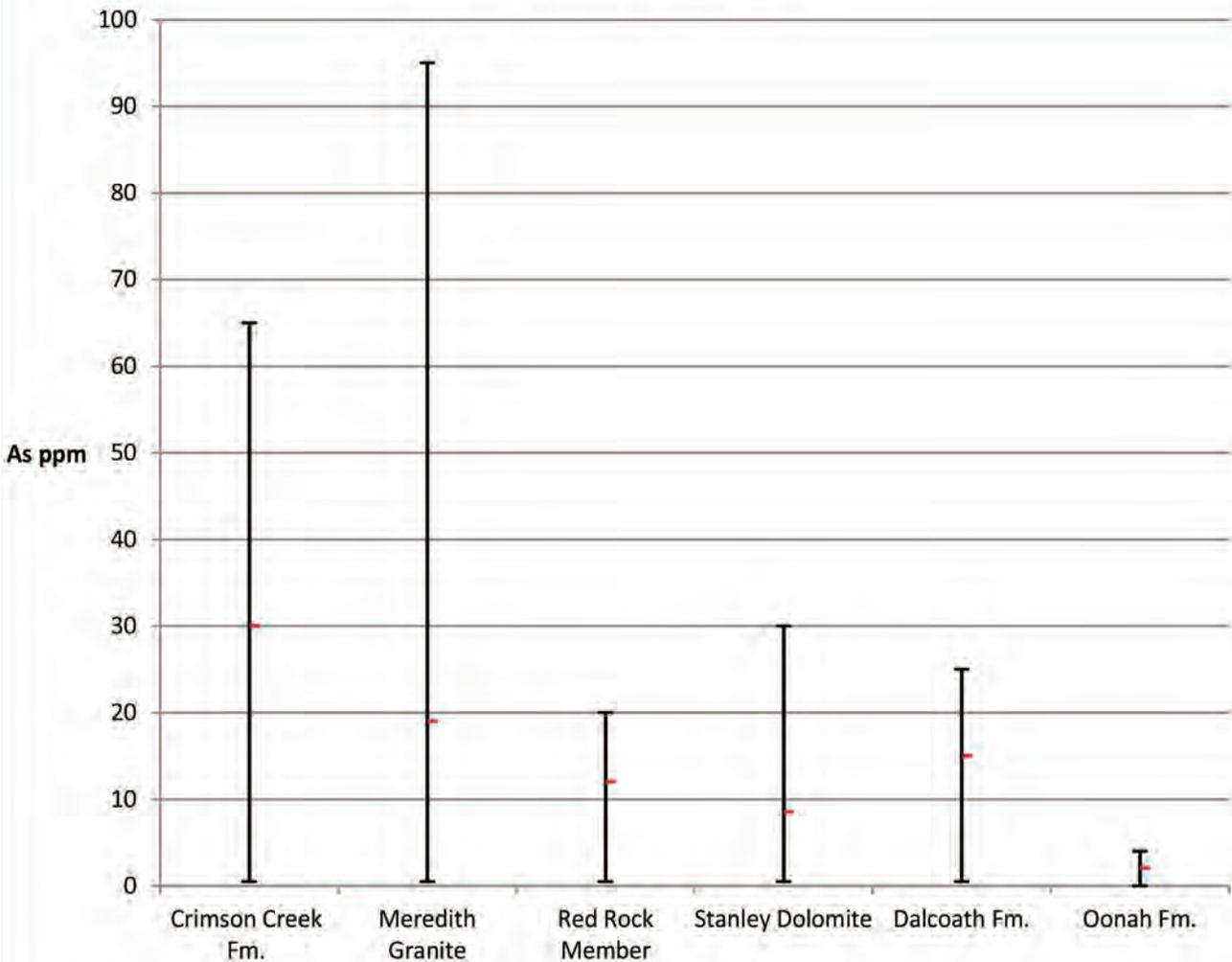
Ti : Zn



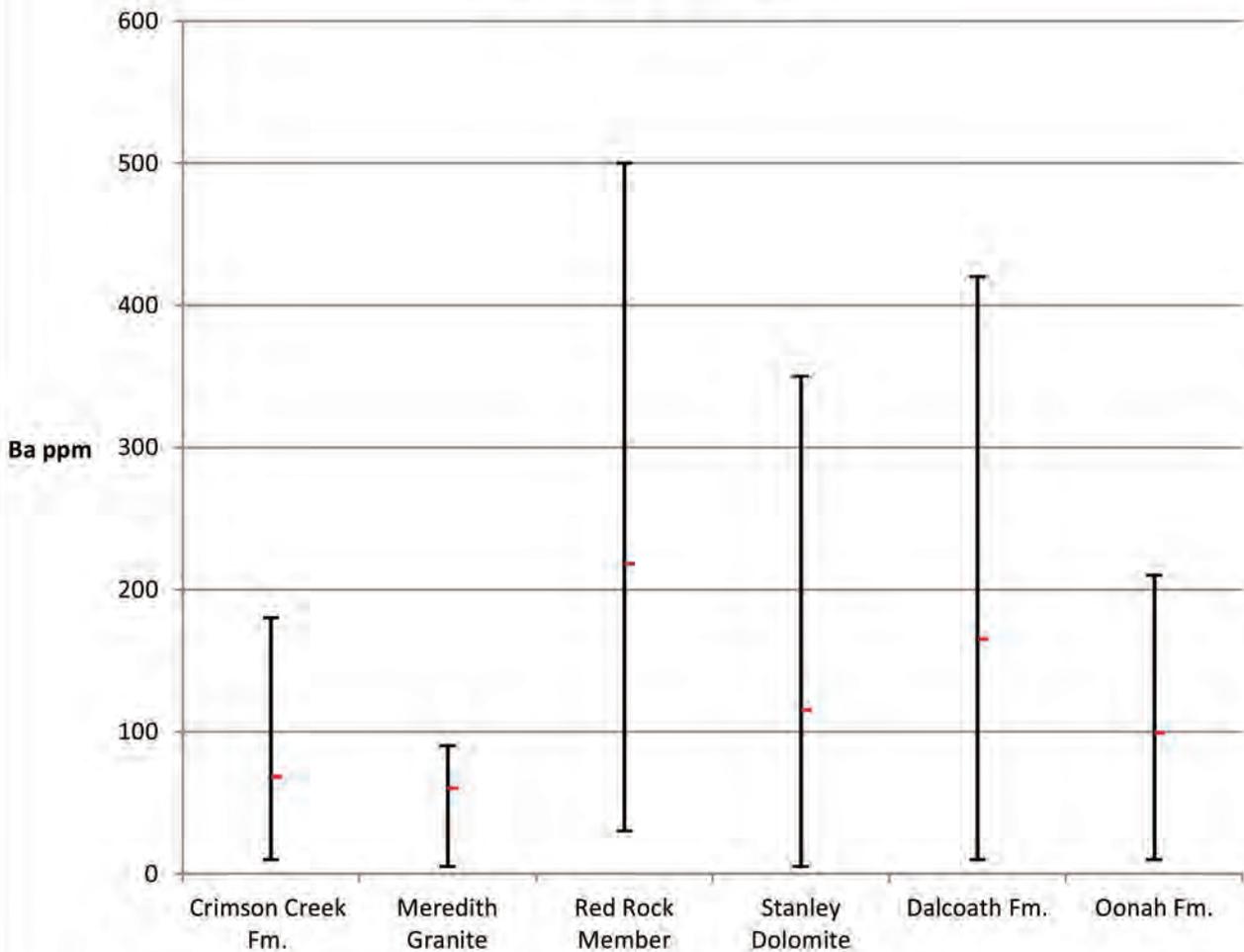
V:K



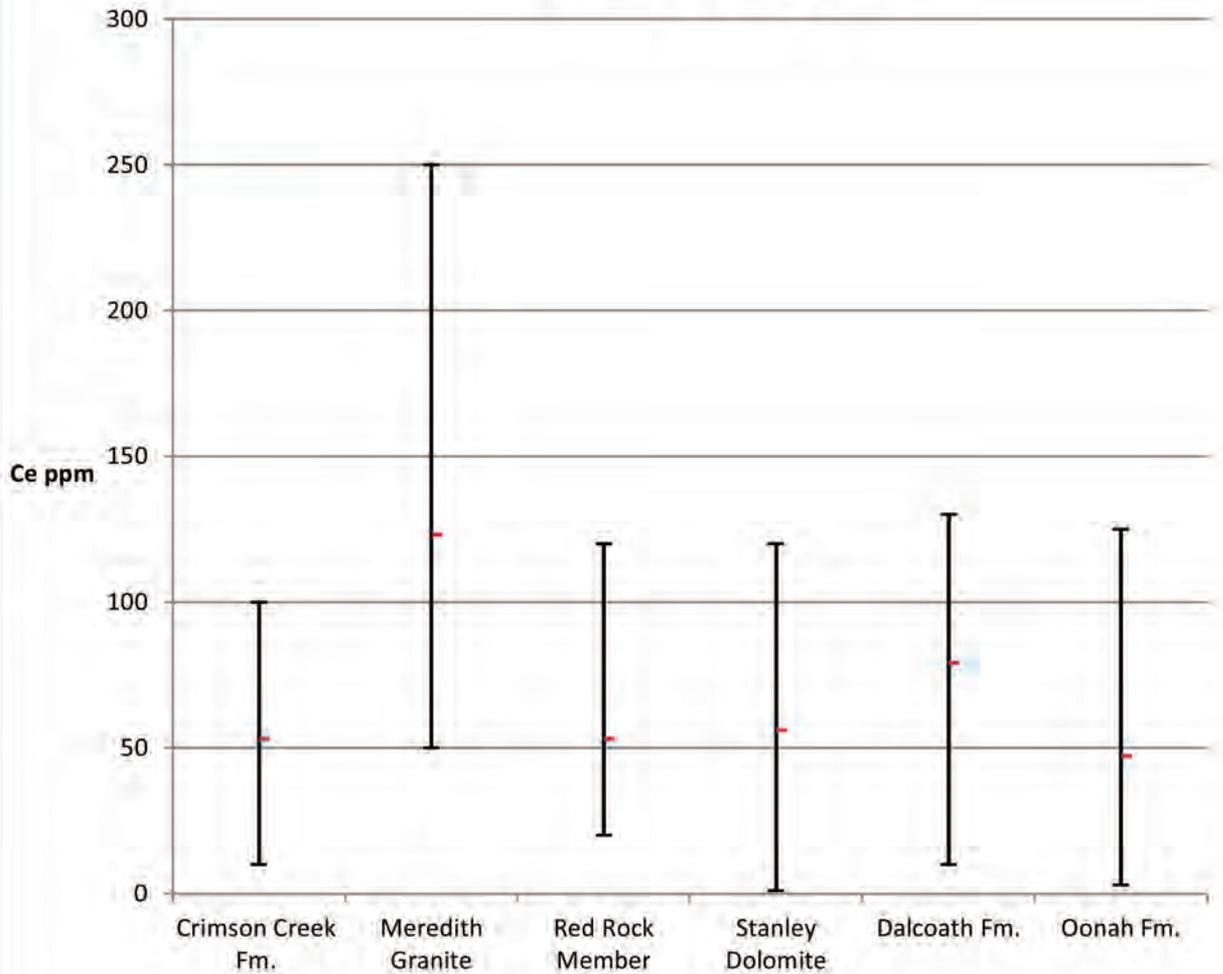
Arsenic Ranges



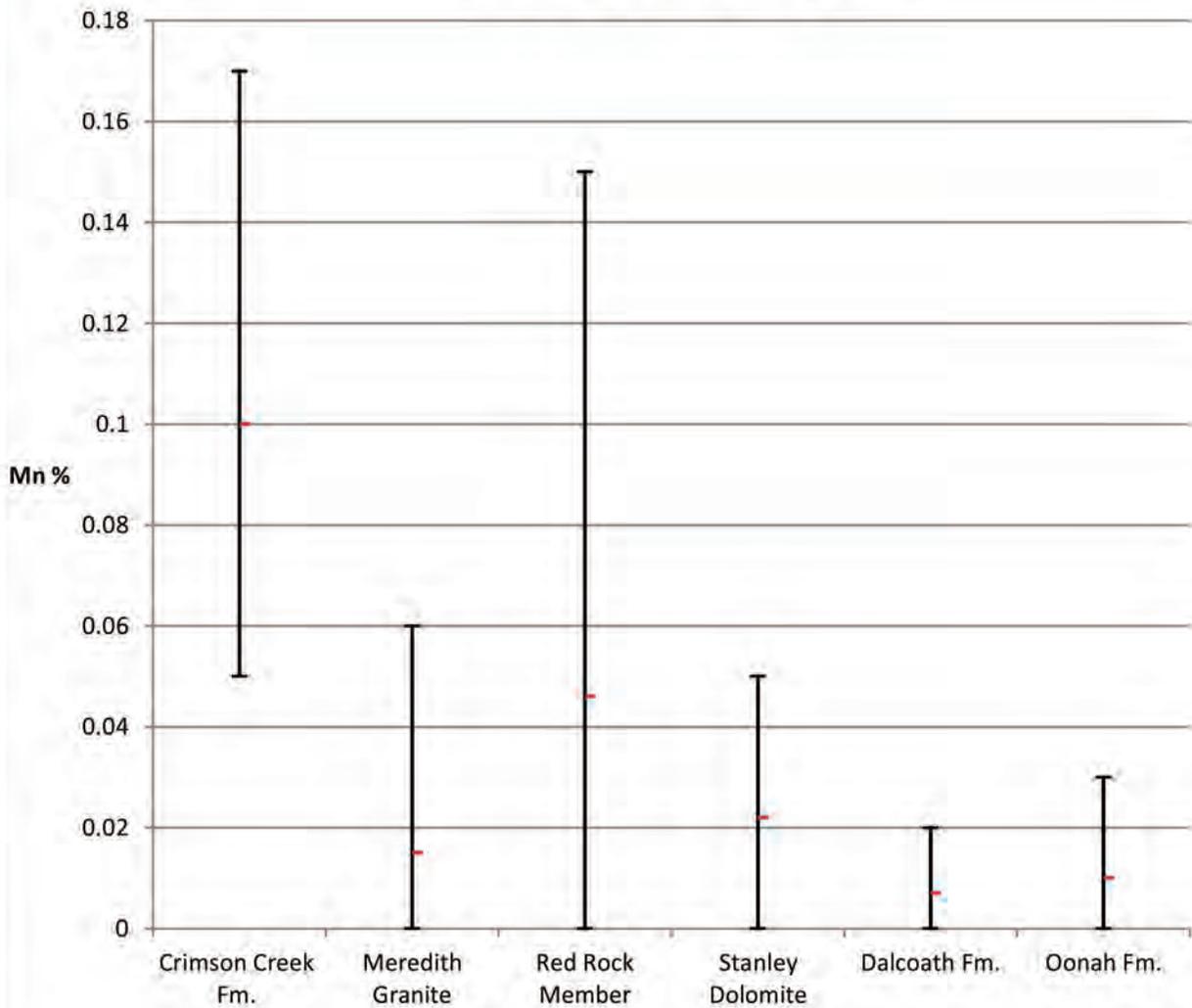
Barium Ranges



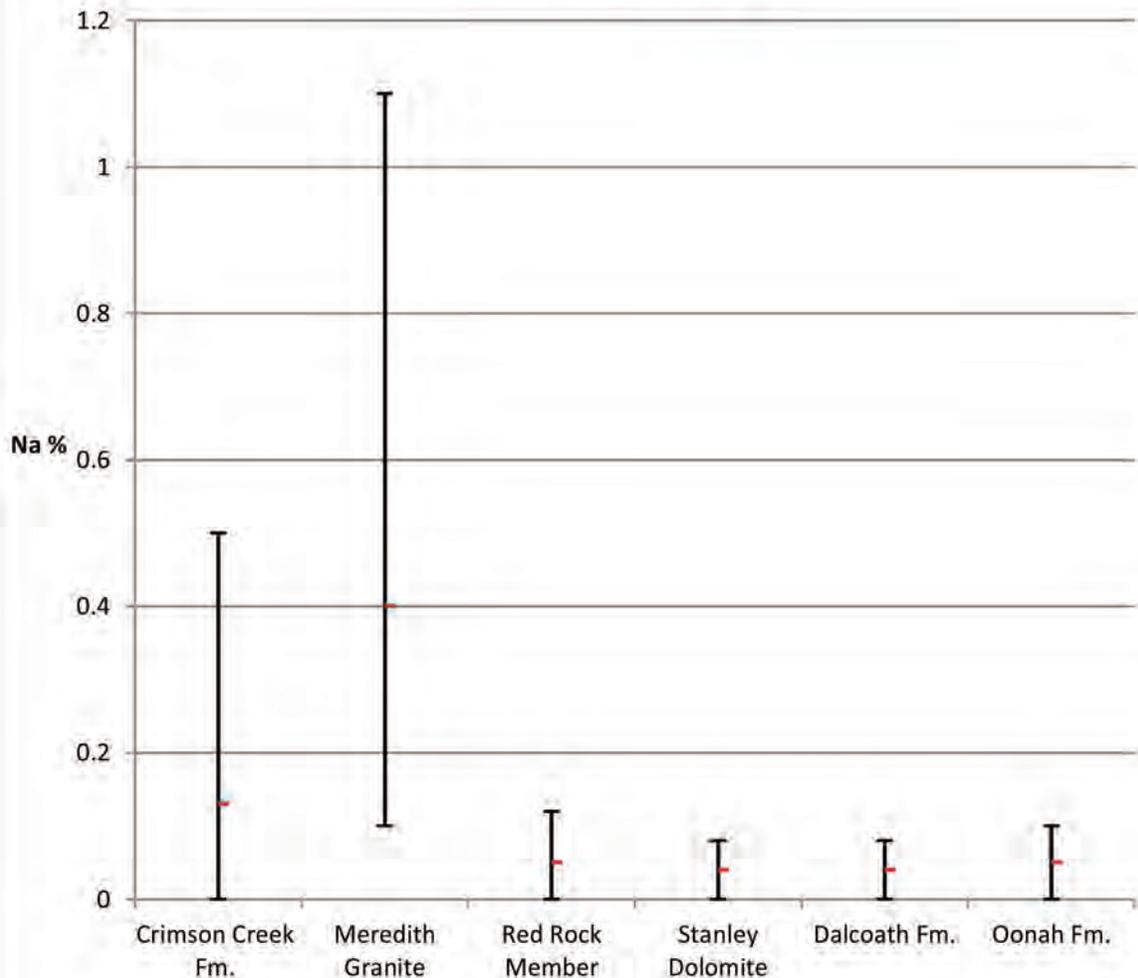
Cerium Ranges



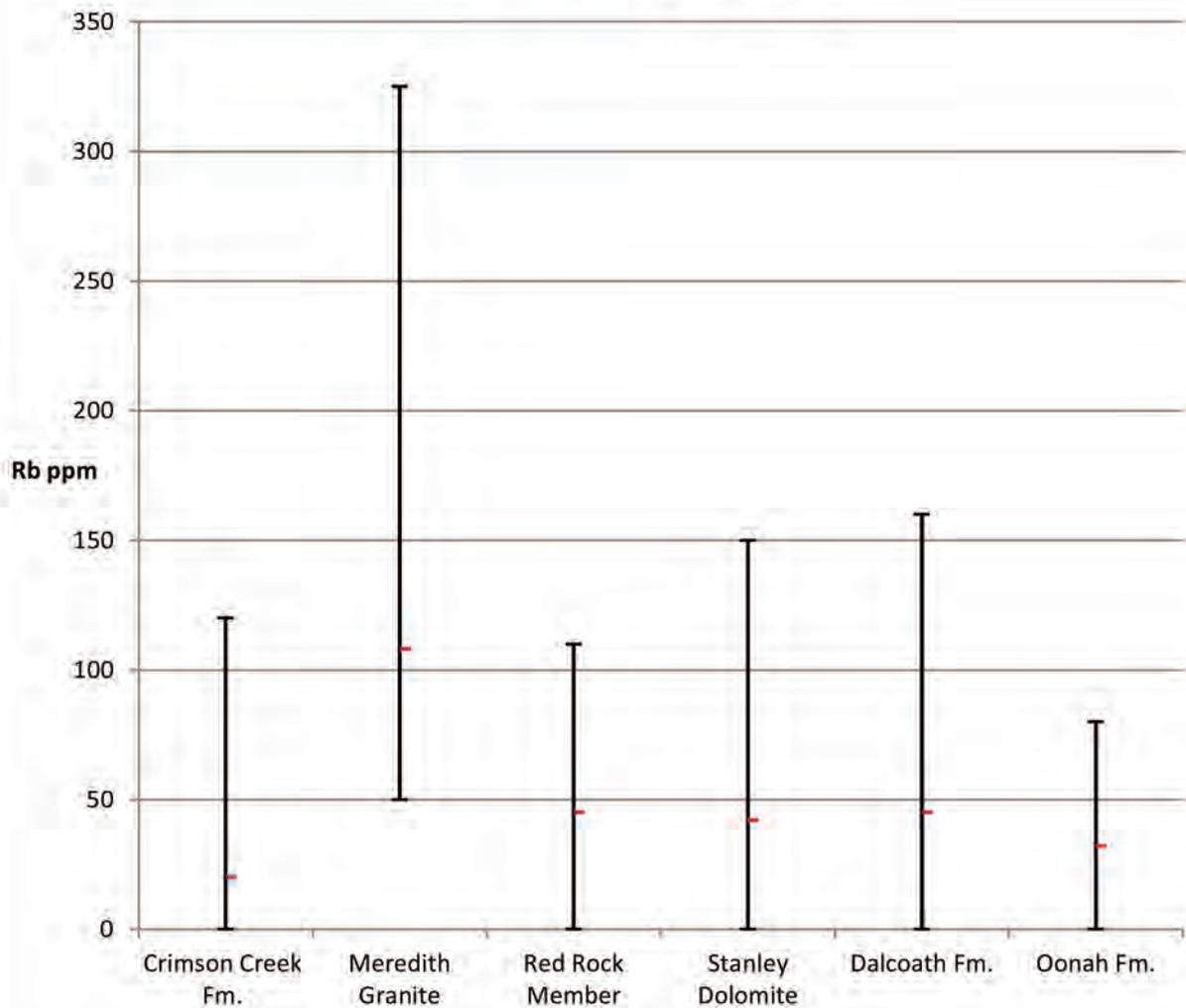
Manganese Ranges



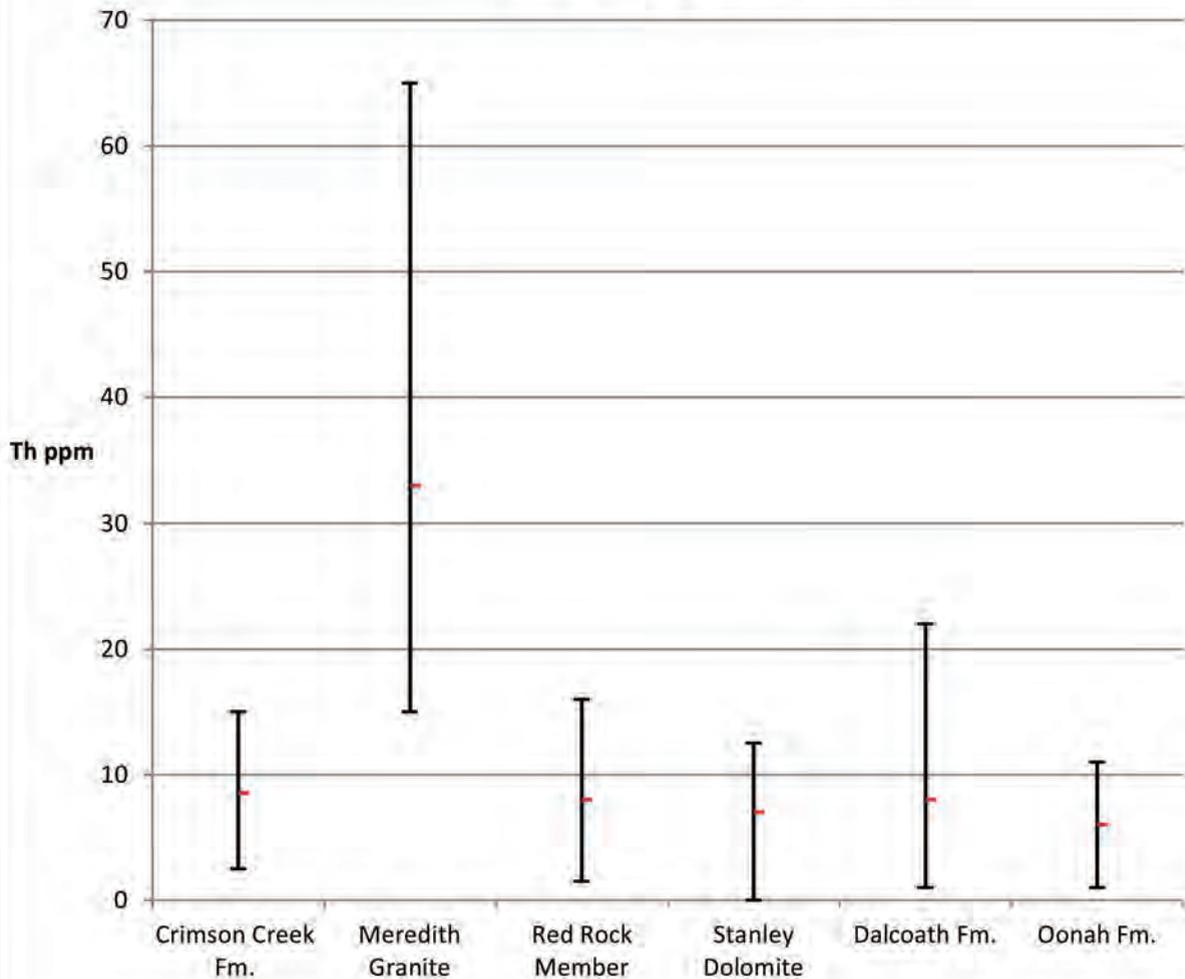
Sodium Ranges



Rubidium Ranges



Thorium Ranges



Zirconium Ranges

