Post Office Creek
Exploration Licence 33/2007

Annual Report for the period 28/08/2012 to 28/08/2013

S Joughin
J Stein
July 2013
Venture Minerals Ltd
Freemasons Building
181 Roberts Road, Subiaco WA, 6008
PO Box 8234, Subiaco East, WA, 6008

Contents

Figures

Appendices

1 Summary

Exploration Licence 33/2007 located in western Tasmania is prospective for tin, tungsten and magnetite skarns within meta-sedimentary rocks adjacent to the Meredith Granite and greisen-style Sn and W mineralisation within the Meredith Granite. Historic exploration indicates potential for exposed Sn and W greisens, and evaluation of stratigraphic and magnetic information suggests potential also for skarn and carbonate replacement mineralisation.

During the 2012-2013 anniversary year soil sample assay data from the August 2012 helicopter supported sampling programme was analysed to identify skarn indicator elements and to facilitate geological interpretation. In conjunction with the surface geochemistry analysis a review of the geological and structural mapping, magnetics, Worldview 2 imagery and LiDAR DTM's was conducted to refine geological interpretation and target assessment within EL33/2007. In July 2013 Venture Minerals relinquished 42 km^2 that is no longer considered suitably prospective for Fe, Sn and/or W. The tenement now consists of two separate areas shown on figure 1.

2 Introduction

Exploration Licence 33/2007 is situated in the tin-tungsten province of western Tasmania and covers zones of the south eastern contact metamorphic aureole of the Meredith Granite. The Meredith Granite is part of a suite of Devonian granites which is very important to tin-tungsten mineralization in Tasmania: 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% W03). 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 33/2007 covers two separate exploration areas for a total of 22 km^2 with the northern portion (Mt Meredith) located 4 km south of the Savage River magnetite mine and the southern portion (Castles Lode) 1.5 km to the north west of Parsons Hood. Access is currently restricted to foot or helicopter.

Elevation within the licence ranges from 100 m above median sea level where the Whyte River winds along the north western boundary up to 792 m at the top of Mount Meredith in the northern part of the license and 781 m for Mt Livingstone in the south of the license. Average annual rainfall is c. 2000 mm and vegetation is dominated by temperate rainforest, with patches of dense sub-alpine scrub over granitic basement and in areas of regenerating forest.

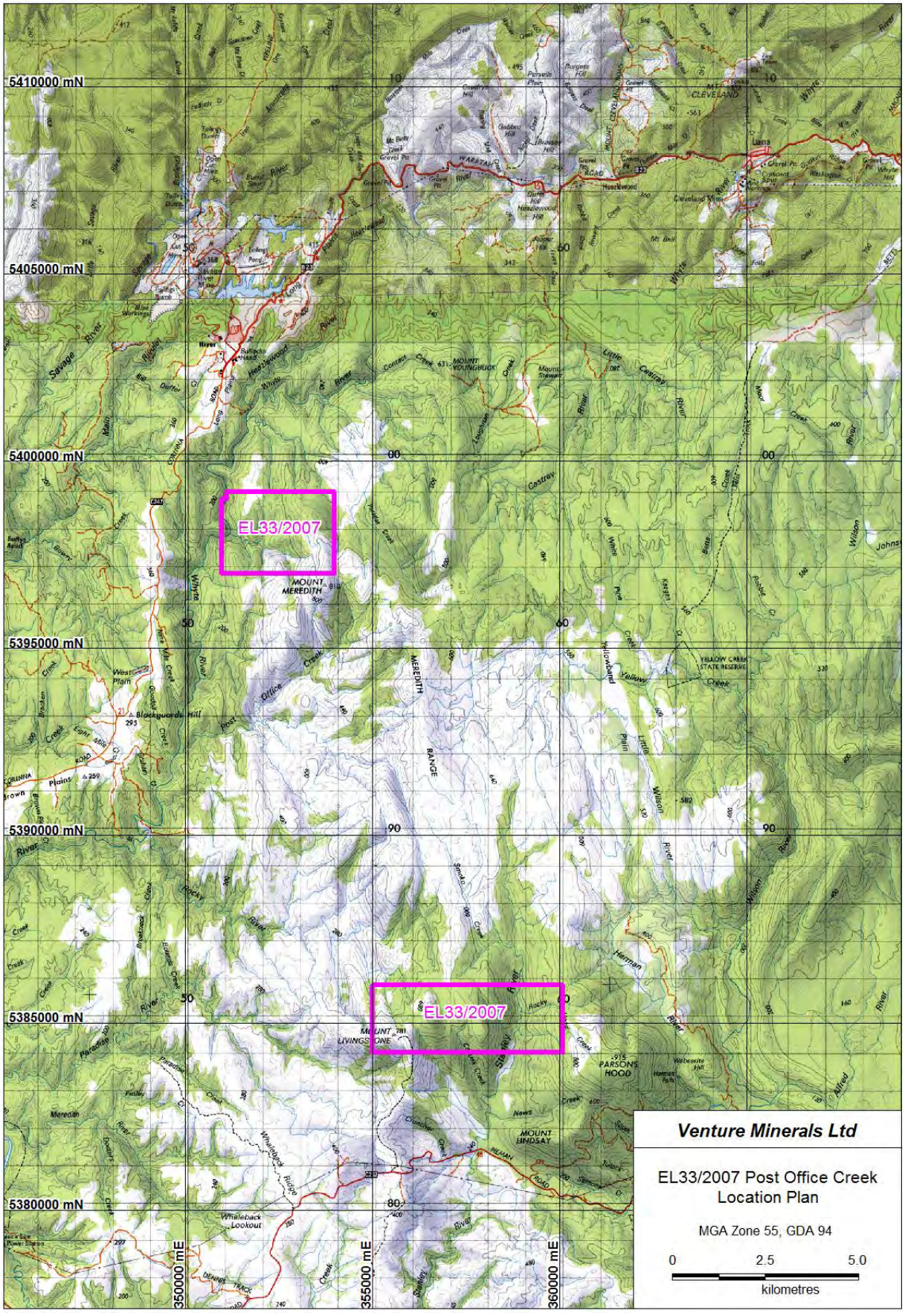


Figure 1: EL33/2007 Location Plan

4 Exploration and Mining History

Alluvial gold exploration and mining commenced in the district during the 1880's and placer gold workings are widespread in the Whyte and Rocky rivers immediately to the west of EL33/2007. Most recently, Goldstream Mining NL (1996 – 2001) focused its activities in the area exploring for gold hosted by Proterozoic iron formation. They indentified a broad polymetallic (As, Pb, Sb, Ag, Bi) stream sediment anomaly located to the east of the Rocky River workings near the western boundary of EL33/2007. This anomaly was thought to be indicative of sediment hosted 'Carlin style' gold but was not significant enough to warrant further work.

Historic Sn workings can be found throughout the Meredith Granite, the most notable Sn occurrence identified within EL33/2007 'Castles Lode' is described by Waterhouse in Geological Survey Bulletin No.15. The Castles Lode mineralisation is described as cassiterite bearing quartz-tourmaline-pyrite veins entirely enclosed within the Meredith Granite, with green tourmaline directly associated with cassiterite mineralisation.

Previous exploration work in the area covered by EL33/2007 for Sn and W is limited and much of the tenement remains under explored for these two metals. Aberfoyle Exploration Pty Ltd (1979 – 1981) explored for Sn and W mineralization mostly to the northeast of EL33/2007 which culminated in the discovery of a magnetite-amphibole and garnet skarn with anomalous Sn and W values at Mount Youngbuck. No significant work was done with the area now covered by EL33/2007.

5 Regional Geology

From west to east EL33/2007 is underlain by Oonah Formation (c. 1200 m thick) and Meredith Granite. A thin wedge of meta-sedimentary rock preserving the Success Creek Group and Crimson Creek Group boundary is interpreted by Venture Minerals to be present between the Oonah Formation and Meredith Granite in the northern part of the licence.

Carbonate units within the Oonah Formation, the Success Creek Group, and the Crimson Creek Formation adjacent to the Meredith Granite are the targets for skarn-hosted Sn, W and magnetite mineralisation. Carbonate units have not been previously mapped in the area but carbonates and distal skarn facies are typically topographically recessive and can require careful mapping to recognize. Three topographically recessive north trending magnetic ridges are present adjacent to the Meredith Granite margin in the north of EL33/2007 and warrant detailed prospecting for carbonate and distal skarn alteration. The limited historic stream sediment sampling suggests that skarn mineralisation, if present, does not extend to surface.

Mapping indicates there are several textural and compositional phases of the Meredith Granite in the Supergrunt area (relinquished for EL33/2007) but alteration is limited to small nodules of tourmaline-quartz greisen. Tourmaline and quartz veins are uncommon and thin, with rare sheeted vein zones. Some large float boulders of coarse grained tourmaline-quartz greisen were observed but the source could not be located.

6 2012-2013 Anniversary Year Exploration Activities

Mt Meredith 2012 Soil and Stream Sediment Sampling

Some 119 soil samples and 2 stream sediment samples were collected during three helicopter supported geochemical sampling campaigns in 2012 which were undertaken by a team of two field assistants and a geologist. Field crews were initially dropped off at the Paradox Creek helipad (located 1.2 km to the north); they then walked the remaining distance to the field area. Travel to and within the work area is extremely time-consuming, due to the steep and thickly vegetated terrain.

Collected soil and stream sediment samples were assayed for a broad suite of elements including Sn and W at ALS Global by XRF on pressed powders, MS on liquor from a 4 acid digest (hydrochloric, nitric, perchloric and hydrofluoric), and ICP on a 3 acid digest (no HF) in boron free glassware for boron (Appendix A).

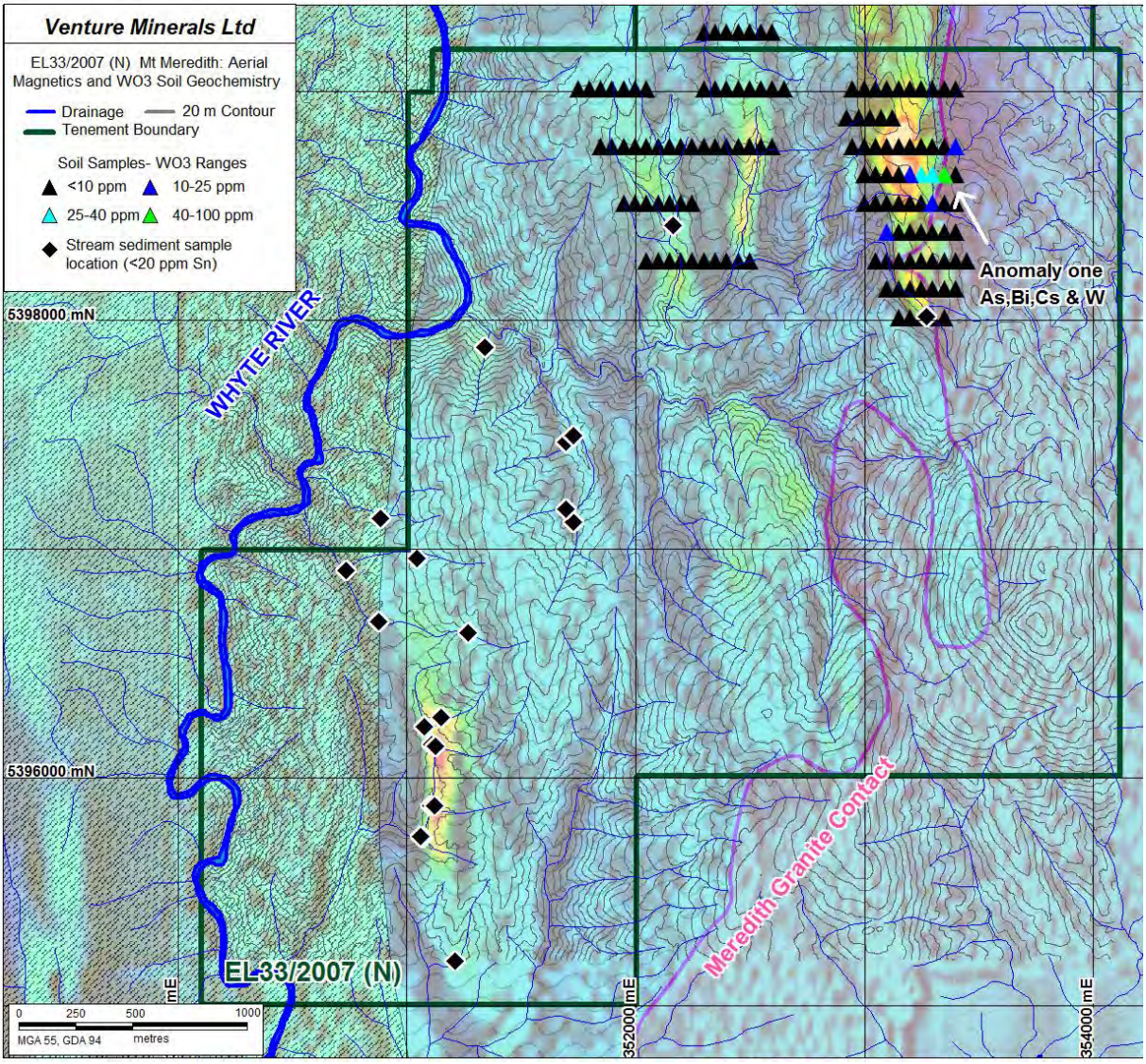


Figure 2: Aerial Magnetics, Soil Sample Locations (WO3 ranges) and Stream Sediment Locations (Sn ranges)

Geochemical sampling has identified a discreet W, As, Bi and Cs anomaly (anomaly one, figure 2) overlying an area of magnetic anomalism, adjacent to the granite contact. The occurrence of W with As and Bi is encouraging as the W abundance is commonly coupled with As and Bi in the Mt Lindsay skarn. Anomaly one also shows increases in B, Rb and Be; elements which are commonly elevated within the granite. Whereas the Ti, Cu, V, Mn in soils from anomaly one are all within a sedimentary range. The geochemistry of anomaly one indicates the geology is composed of Success-Crimson Creek Gp sediments and granitite intrusions. At present geological mapping has not been conducted in this area.

VMS Surface Geochemistry Review of North Western Tasmania

2485 soil samples collected by VMS from the Post Office Creek, Paradox Creek, Contact Creek and Mt Lindsay project areas were compiled into one geochemical data set. All soil samples were assayed for Sn, WO3, 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 VMS geological mapping and interpreted geology each soil entry was designated a corresponding lithology.

The soil data was statistically 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. Refer to Table 1 for a summary of the results.

Geochemically the Crimson Creek Fm is well defined by its comparatively high abundances of mafic associated elements (Ni, Cr, Cu, Ga, V, Mn, Fe, Ti) (Figures 3 & 4). The Success Ck Gp has low mafic element abundance and increased amounts of Rb, K and Ba with minor differences between its constituent units (Red Rock Member, Dalcoath Fm and Stanley Dolomite). The Oonah Fm is readily identifiable by its low abundance of most elements and its low deviation, and finally the Meredith Granite is compositionally very different from the local lithologies by its high abundances of Rb, Be, B, Ce, Th, K and Na.

Previously the Mt Meredith area was geologically interpreted as Oonah Fm, Success Creek Gp and Meredith Granite. This geological interpretation has now revised according to the soil geochemistry, the revision includes a slither of Crimson Creek Fm and a large protrusion of granite and minor amendments to the Oonah-Success Ck Gp boundary have been made (Figure 5).

Table 1: Summary of statistical soil analysis results

Geological Unit	Geochemical Features	Distinguishing Elements
Crimson Creek Fm.	Elevated Co, V, Ti, Ni, Zn, Cu, Cr, Ga. Fe, Al, As, Mn and Zr. Indicates the sediments are derived from a source with a mafic volcanic component.	Ti, Ga and V
Meredith Granite	Elevated K, Rb, Th, Na, B and Ce. Very low abundance of ferromagnesian elements, typical of acidic composition.	Th, Rb and K
Red Rock Member (Success Creek Gp.	Intermediate composition with influence from both mafic and acidic sediment sources. Scattered high abundances of Ba, Pb and Fe.	No particular distinguishing element. Collectively the moderate to low abundance of mafic elements and scattered high Fe and Ba values 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)	Geochemically mature composition with comparatively low mafic element abundances and moderate acidic elements. Geochemically soils cannot be distinguished between the two units.	No distinguishing elements. Can be separated from the Crimson Creek and Red Rock Member by low mafic element abundance and a moderate acidic element composition.
Oonah Fm.	Very low abundances of all elements with minor increases in Rb, Ba and Zr. Characteristic of mature sediment (ie. Oonah Fm. quartz wacke).	Easily distinguished by its low element abundances and low deviation.

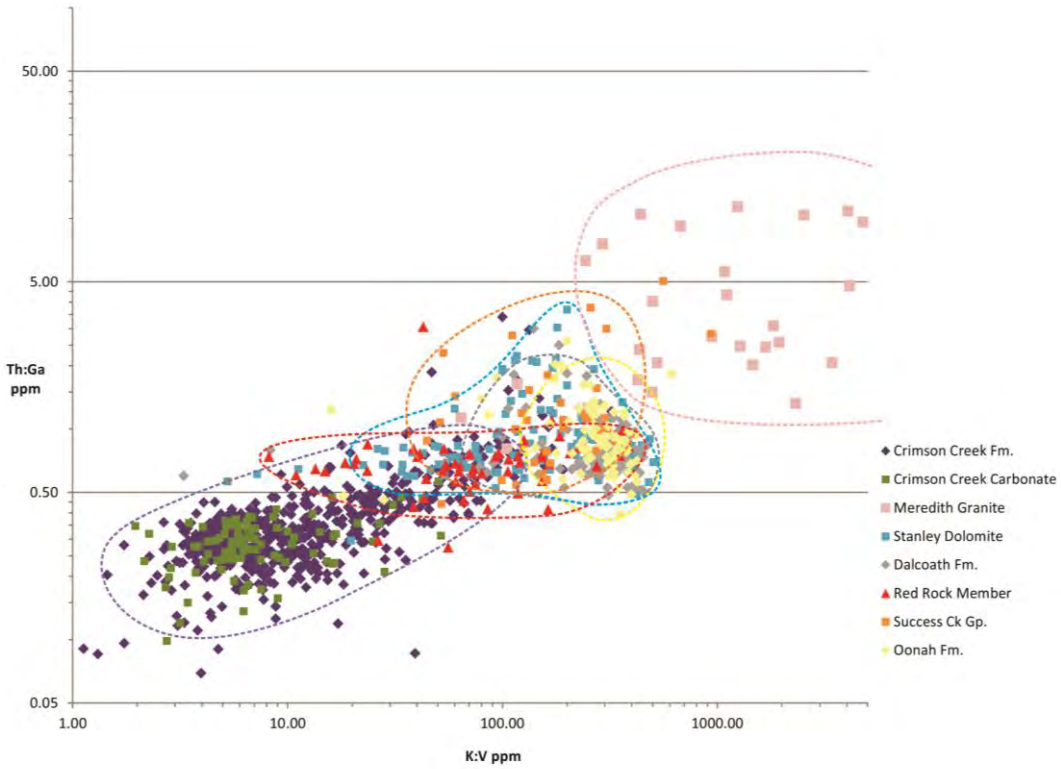


Figure 3: Th:Ga- K:V scatter graph showing defined populations which correspond to lithology types.

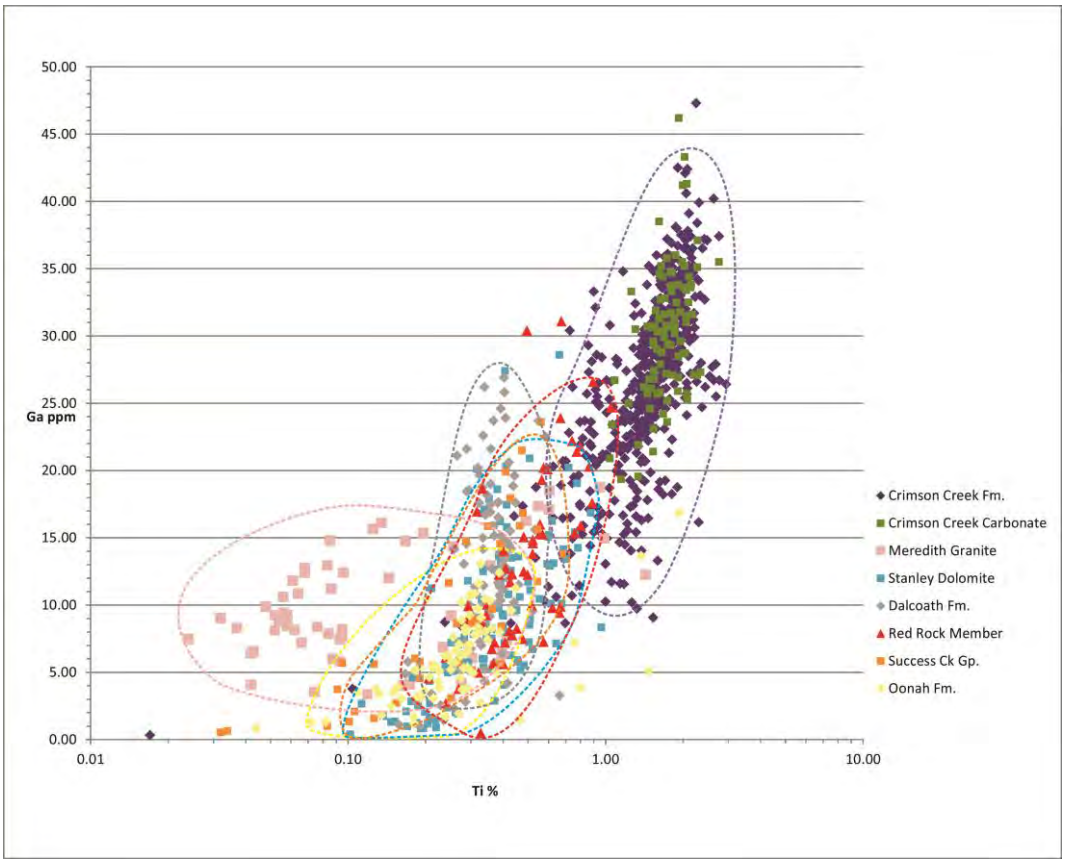


Figure 4: Ga-Ti scatter graph

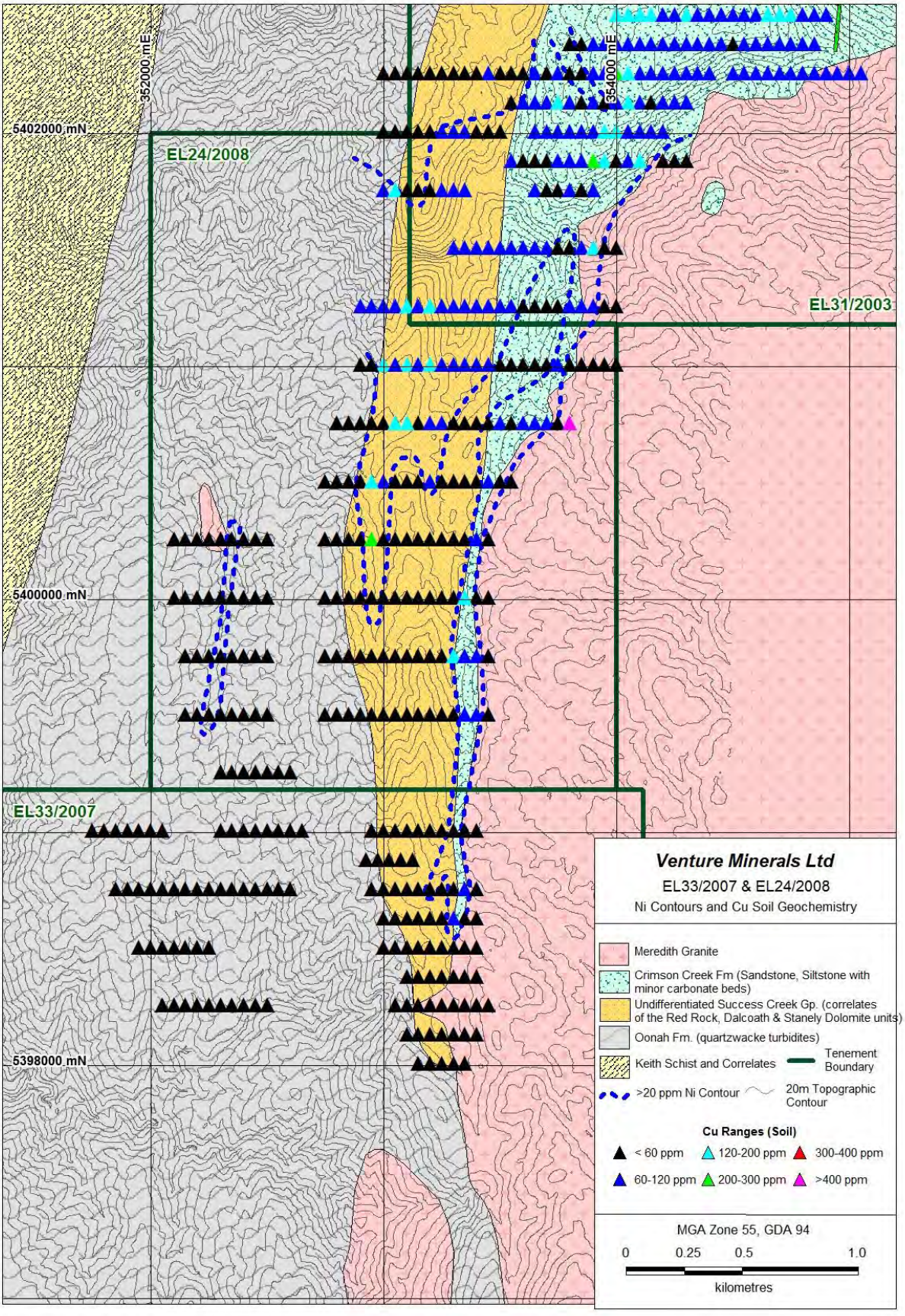


Figure 5: Revised sedimentary contacts & regional Ni-Cu geochemistry.

7 Conclusions and Recommendations

A review of geological and structural mapping, magnetics, geochemical data, Worldview 2 imagery and LiDAR DTM's led Venture Minerals to relinquish 42 km^2 of EL33/2007 no longer considered suitably prospective for Fe, Sn and/or W (Joughin, 2013). The tenement now consists of two separate areas shown on Figure 1.

From analysis of regional Venture soil geochemical data the contact of the Meredith Granite's eastern margin has been reinterpreted to include a previously unrecognised sliver of Crimson Creek Formation abutting the granite contact and forming a narrow zone between the granite and sediments of the Success Creek Group and Oonah Formation beyond. This sliver extends down from the northern margin of the granite, pinching out within the remaining northern part of EL33/2007.

This part of the tenement contains a discrete W, As, Bi and Cs soil anomaly, associated with one of three topographically recessive north trending magnetic ridges adjacent to the Meredith Granite contact. While carbonate horizons have not previously been mapped in the area, carbonates have been identified within the same sedimentary units elsewhere; ie. Mt Lindsay, where carbonate horizons are topographically recessive and locally host distal skarn mineralisation. While surface sampling within EL33/2007 has not identified any mineralisation exposed at the surface, geological mapping and rock chip sampling would need to be conducted to determine whether the topographically recessive magnetic anomalies are coincident with carbonate horizons. If so, then the magnetic anomalism may reflect skarn-associated magnetite ± pyrrhotite mineralisation at depth. Mapping might also identify peripheral alteration at the surface which might further indicate the presence of skarn-like mineralisation at depth.

Historic prospecting in the southern portion of EL33/2007 previously found a 'quartz-tourmaline lode' (Castles Lode) consisting of a quartz-tourmaline-cassiterite vein hosted entirely within the Meredith Granite and forming part of a wider quartz-tourmaline greisenised zone (Waterhouse, 1914). Geological mapping and rock-chip sampling is required to ascertain the extent of the vein- and greisen-hosted cassiterite and determine if the Sn grade is high and consistent enough to warrant further exploration.

8 References

Bishop, J., 2008. Renison West Project, Exploration Licence 33/2007 Post Office Creek, First Annual Technical Report for the period 28/08/2007 to 28/08/2008. Unpublished report for Mineral Resources Tasmania.

Brown, A. V., 1986. Geology of the Dundas – Mt Lindsay – Mt Youngbuck region. Tasmania Department of Mines. Geological Survey Bulletin 62.

Geological Survey of Tasmania, 1991. Corinna. Geological Atlas 1:50,000 Series. Tasmania Department of Resources and Energy, Division of Mines & Mineral Resources.

Grant, E. B., 2009. Post Office Creek, Exploration Licence 33/2007, Annual Report for the period 28/08/2008 to 28/08/2009. Unpublished report for Mineral Resources Tasmania.

Joughin, S. 2013. Post Office Creek, Exploration Licence 33/2007. Partial Relinquishment Report For Period Ended 20th June 2013. Unpublished report for Mineral Resources Tasmania.

Joyce, R. M., 1981. Meredith Granite Project, Progress Report for the Six Months Ending April 20 1981. Aberfoyle Exploration Pty Ltd. Unpublished report for Tasmanian Department of Mines (MRT Report No. 81-1565).

Lockhart, J. D., 1976. Exploration licence 11/75 Mount Stewart Area, Tasmania. Report on Field Season Activity 1975-1976. Australia and New Zealand Exploration Company. Unpublished report for Tasmanian Department of Mines (MRT Report No. 76-1179).

Owen, S., 2010. Post Office Creek, Exploration Licence 33/2007, Annual Report for the period 28/08/2009 to 28/08/2010. Unpublished report for Mineral Resources Tasmania.

Owen, S. & Joughin, S., 2011. Post Office Creek, Exploration Licence 33/2007, Annual Report for the period 28/08/2010 to 28/08/2011. Unpublished report for Mineral Resources Tasmania.

Penny, B. G., Shannon, C. H. C., Vanzino, L., 1984. Report on Investigations within Exploration Licence 4/61 West Coast, Tasmania. Summer Field Season 1983-1984. Industrial and Mining Investigations Pty Ltd. Unpublished report for Tasmanian Department of Mines (MRT Report No. 84-2262).

Sise, J. R., 1985. Final Report Exploration Licence 16/78 Meredith, Tasmania. Aberfoyle Exploration Pty Ltd. Unpublished report for Tasmanian Department of Mines (MRT Report No. 85-2390).

Waterhouse, L.L. 1914. The Stanely River Tin Field. Geological Survey Bulletin No. 15. Department of Mines, Tasmania.

Appendix A

Soil Sample Locations and Assays

EL33/2007 Appendix A: Soil Sample Locations and Assays

H0002	Version	3																			
H0003	Date_generated	23/08/2013																			
H0004	Reporting_period_end_date	28/08/2013																			
H0005	State	TAS																			
H0100	Tenement	EL23/2007																			
H0101	Tenement_holder	Venture Minerals Ltd																			
H0102	Project_name	Supergrunt																			
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	28/08/2012																			
H0201	End_date_of_data_acquisition	23/08/2013																			
H0202	Data_format	SG3																			
H0203	Number_of_data_records	189																			
H0204	Date_of_metadata_update	23/08/2013																			
H0500	Feature_Located	Sample Point																			
H0501	Geodetic_datum	GDA94																			
H0502	Vertical_datum	not applicable																			
H0503	Projection	MGA																			
H0531	Projection_zone	55																			
H0532	Surveying_instrument	see data																			
H0533	Surveying_Company	Venture Minerals Ltd																			
H0600	Sample_code	SOIL																			
H0601	Sample_type	hand augered -3mm soil																			
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,ICP69,XRF05																			
H0801	Assay_company	ALS Global, samples prepared in Adelaide lab, assayed in Perth & Brisbane labs																			
H0802	Assay_description	Sn, W & Cr by XRF on pressed powder disks (XRF05) at Brisbane lab, B by 3 acid digest with ICP OES finish (B-ICP69) at Perth lab, all other elements by 4 acid digest including HF with MS finish (ME-MS62) at Perth lab.																			
H0900	Remarks:																				
H1000	Sample	E_MGA55	N_MGA55	Description	Batch	Date	Sn_XRF	Sn_ICP	WO3	Ag	As	B	Ba	Be	Bi	Cr	Cu	Li	Ni	Pb	Rb
H1001		metres	metres				%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		15	15																		
D	SGS001	352300	5387500	B horizon 30cm depth	AD11075004	1/06/2011	0.0007	0.00028	0.0013	0.18	1.7	300	60	3.18	0.09	15	3.3	16.2	2.5	10.4	133.5
D	SGS002	352350	5387500	B horizon 20cm depth	AD11075004	1/06/2011	0.0006	0.00007	-0.0013	0.16	3.1	20	30	0.16	0.11	14	7.1	2	1.8	10.6	7.2
D	SGS003	352400	5387500	B horizon 15cm depth	AD11075004	1/06/2011	0.0008	0.00066	0.0013	0.25	2.5	150	120	0.97	0.19	33	6.1	20.7	6.8	8.1	50
D	SGS004	352450	5387500	B horizon 10cm depth	AD11075004	1/06/2011	0.0011	0.00016	0.0013	0.17	16.6	60	30	6.85	0.18	82	25.3	13.1	5.5	65.2	38.8
D	SGS005	352500	5387500	B horizon 20cm depth	AD11075004	1/06/2011	0.002	0.00027	0.0013	0.11	1.8	320	50	3.04	0.09	17	1.9	20.5	2.8	9.8	126
D	SGS006	352550	5387500	B horizon 12cm depth	AD11075004	1/06/2011	0.0011	0.00024	-0.0013	0.09	1.2	230	60	2.69	0.1	17	1.6	20.6	1.8	13.3	142.5
D	SGS007	352600	5387500	B horizon 15cm depth	AD11075004	1/06/2011	0.0008	0.00022	0.0013	0.33	2.2	90	60	3.67	0.17	24	3.8	12.3	4.9	19.1	192.5
D	SGS008	352650	5387500	B horizon 15cm depth	AD11075004	1/06/2011	-0.0005	0.00012	-0.0013	0.09	0.6	80	30	1.78	0.08	16	1.4	20.8	2.4	9.7	132.5
D	SGS009	352700	5387500	B horizon 20cm depth	AD11075004	1/06/2011	-0.0005	0.00014	-0.0013	0.17	0.8	140	20	3.8	0.05	18	1.7	26	2	6.3	81
D	SGS010	352750	5387500	B horizon 25cm depth	AD11075004	1/06/2011	-0.0005	0.00016	0.0025	0.42	1.4	240	10	5.48	0.13	21	3.9	18.4	3.7	3.8	22.2
D	SGS011	352800	5387500	B horizon 30cm depth	AD11075004	1/06/2011	0.0005	0.00006	-0.0013	0.12	0.8	60	-10	2.38	0.04	19	2.4	19.5	4.6	1.5	4.2
D	SGS012	352850	5387500	B horizon 20cm depth	AD11075004	1/06/2011	0.0009	0.00015	0.0013	0.34	0.9	260	20	5.09	3.63	19	4	19.5	2.7	7.3	66.4
D	SGS013	352900	5387500	B horizon 15cm depth	AD11075004	1/06/2011	-0.0005	0.00029	-0.0013	0.17	0.7	160	10	2.01	0.07	21	1.6	29.5	2.3	11.2	171
D	SGS014	352950	5387500	B horizon 10cm depth	AD11075004	1/06/2011	-0.0005	0.0002	-0.0013	0.14	1.6	50	10	3.18	0.3	23	2.8	20.8	3.2	11	146
D	SGS015	353000	5387500	B horizon 20cm depth	AD11075004	1/06/2011	-0.0005	0.00011	-0.0013	0.12	0.8	60	10	4.2	0.05	20	1.8	18.8	2.6	7.3	88.7
D	SGS016	353050	5387500	B horizon 20cm depth	AD11075004	1/06/2011	0.0006	0.00016	-0.0013	0.1	2	60	20	1.97	0.15	17	3	16.1	3.6	16.3	84.2
D	SGS020	352450	5387600	B/C horizon 20cm depth	AD11075004	1/06/2011	0.0008	0.00026	-0.0013	0.13	0.8	140	50	0.7	0.1	23	8.1	7.9	3.4	7.4	22.1
D	SGS021	352500	5387600	B/C horizon 20cm depth	AD11075004	1/06/2011	0.0008	0.00025	0.0013	0.13	0.5	360	40	0.82	0.06	29	4	10.6	3.8	2.7	18.9
D	SGS022	352550	5387600	B horizon 30cm depth	AD11075004	1/06/2011	-0.0005	0.0003	-0.0013	0.16	1.6	190	50	1.16	0.25	24	2.9	16.2	3.2	5.8	78.9
D	SGS023	352600	5387600	B horizon 20cm depth	AD11075004	1/06/2011	-0.0005	0.00013	-0.0013	0.24	1.5	170	20	2.28	0.1	16	1.6	16.5	1.4	6.2	76.6
D	SGS024	352650	5387600	B horizon 20cm depth	AD11075004	1/06/2011	0.0009	0.00022	0.0013	0.24	1.1	140	30	3.24	0.15	21	2.6	19.8	1.8	10.5	132
D	SGS025	352700	5387600	B horizon 25cm depth	AD11075004	1/06/2011	-0.0005	0.00024	0.0025	0.28	2.9	210	30	3.22	0.63	21	2.1	45.7	1.9	7.5	142
D	SGS026	352750	5387600	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00011	-0.0013	0.19	1	80	20	1.61	0.05	19	2.3	17.4	2.3	7.5	77
D	SGS027	352800	5387600	B horizon 25cm depth	AD11075004	1/06/2011	-0.0005	0.0001	-0.0013	0.14	0.6	50	10	1.11	0.13	16	1.2	25.7	0.8	3.4	39.3
D	SGS028	352850	5387600	C horizon 15cm depth	AD11075004	1/06/2011	0.0005	0.00013	-0.0013	0.19	1.4	40	10	1.06	0.14	25	2.6	15.5	4.4	7.3	90.8
D	SGS029	352900	5387600	B horizon 25cm depth	AD11075004	1/06/2011	0.0008	0.00013	-0.0013	0.16	0.8	60	10	1.67	0.09	16	1.1	17.5	2.1	10	151.5

EL33/2007 Appendix A: Soil Sample Locations and Assays

H1000	Sample	E_MGA55	N_MGA55	Description	Batch	Date	Sn_XRF	Sn_ICP	WO3	Ag	As	B	Ba	Be	Bi	Cr	Cu	Li	Ni	Pb	Rb
H1001		metres	metres				%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		15	15																		
D	SGS030	352950	5387600	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00023	0.0025	0.13	3.8	140	10	2.02	0.87	19	1.4	33.3	2.5	7.7	159
D	SGS031	353000	5387600	B horizon 40cm depth	AD11075004	1/06/2011	0.0011	0.00026	0.0013	0.09	1.2	360	50	3.2	0.05	18	1.4	16.7	2.7	8.7	133
D	SGS032	353050	5387600	B horizon 35cm depth	AD11075004	1/06/2011	-0.0005	0.00039	0.0013	0.34	5.1	120	50	2.47	0.2	28	2.8	23.3	3.7	15.1	211
D	SGS036	352300	5387700	B horizon 20cm depth	AD11075004	1/06/2011	0.0009	0.00044	-0.0013	0.23	1.6	90	140	0.62	0.17	30	5.1	8.8	4	4.2	54.7
D	SGS037	352350	5387700	B horizon 25cm depth	AD11075004	1/06/2011	0.0006	0.00025	-0.0013	0.2	1	200	50	0.35	0.12	26	8.3	9	3.2	3.7	11.7
D	SGS038	352400	5387700	B horizon 20cm depth	AD11075004	1/06/2011	0.001	0.00018	-0.0013	0.14	1	160	40	0.63	0.08	27	6.2	9.2	2.8	5.6	13.7
D	SGS039	352450	5387700	C horizon 40cm depth	AD11075004	1/06/2011	-0.0005	0.00023	0.0013	0.13	0.5	380	20	0.99	0.06	24	3.1	10.4	2.3	1	14
D	SGS040	352500	5387700	B horizon 15cm depth	AD11075004	1/06/2011	0.0011	0.00051	0.0013	0.14	1.4	410	90	1.1	0.07	34	5.7	11.1	5.1	2.3	44.6
D	SGS041	352550	5387700	B horizon 35cm depth	AD11075004	1/06/2011	0.0005	0.00027	0.0013	0.15	1.2	310	20	1.32	0.21	22	2.5	13	2	2.9	37.8
D	SGS042	352600	5387700	B horizon 35cm depth	AD11075004	1/06/2011	0.0006	0.00036	0.0013	0.34	1.3	190	50	2.81	0.47	18	2.1	23.8	1.6	9.2	203
D	SGS043	352650	5387700	B horizon 35cm depth	AD11075004	1/06/2011	0.002	0.00028	0.0013	0.09	0.7	190	20	2.98	0.05	13	0.7	19.2	0.9	7.1	118
D	SGS044	352700	5387700	B horizon 30cm depth	AD11075004	1/06/2011	0.0009	0.00028	0.0013	0.47	1.1	80	40	2.51	0.08	16	2.1	21.4	1.3	12.4	177.5
D	SGS045	352750	5387700	B horizon 30cm depth	AD11075004	1/06/2011	0.0005	0.00005	-0.0013	0.15	1	60	10	1.86	0.04	16	1.8	16.4	2.2	2.4	17.8
D	SGS046	352800	5387700	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00026	0.0013	0.68	3.5	110	20	11.55	0.74	21	2.2	28.4	4.2	11.3	158.5
D	SGS047	352850	5387700	B horizon 30cm depth	AD11075004	1/06/2011	0.0008	0.00013	-0.0013	0.16	1.1	30	10	3.14	0.19	12	1.2	18.6	0.9	9.2	123.5
D	SGS048	352900	5387700	B horizon 20cm depth	AD11075004	1/06/2011	-0.0005	0.00022	0.0013	0.14	0.8	110	10	1.72	0.19	14	0.8	36.1	1.2	7.4	149.5
D	SGS049	352950	5387700	B horizon 35cm depth	AD11075004	1/06/2011	0.0007	0.00011	0.0013	0.26	1.3	120	20	5.1	0.08	20	2.7	14	2.2	6.2	46.4
D	SGS050	353000	5387700	B horizon 35cm depth	AD11075004	1/06/2011	-0.0005	0.00002	-0.0013	0.06	2.4	10	-10	0.78	0.03	14	0.6	20	0.7	0.7	1.7
D	SGS051	353050	5387700	B horizon 45cm depth	AD11075004	1/06/2011	-0.0005	0.00004	-0.0013	0.12	0.4	20	-10	1.08	0.02	13	0.8	22.4	0.7	1.5	6.7
D	SGS052	352300	5387800	B horizon 25cm depth	AD11075004	1/06/2011	0.0009	0.00031	-0.0013	0.2	1	40	90	0.43	0.23	22	4	7.2	2.3	4.1	26.6
D	SGS053	352350	5387800	B horizon 25cm depth	AD11075004	1/06/2011	0.0008	0.00058	0.0013	0.21	4	570	140	0.82	0.43	29	4.1	11.2	4.3	3.2	61.7
D	SGS054	352400	5387800	B horizon 30cm depth	AD11075004	1/06/2011	0.0007	0.0002	-0.0013	0.11	0.8	460	30	1.06	0.11	23	2.7	10.5	4.1	2.1	11.9
D	SGS055	352450	5387800	C horizon 10cm depth	AD11075004	1/06/2011	0.0008	0.00043	-0.0013	0.19	0.7	370	30	0.66	0.12	16	3.1	11.2	1.8	3.6	15.5
D	SGS056	352500	5387800	B horizon 40cm depth	AD11075004	1/06/2011	-0.0005	0.00017	0.0013	0.71	1.1	320	20	1.86	0.19	24	3	13.1	4.9	3.7	48.6
D	SGS057	352550	5387800	B horizon 35cm depth	AD11075004	1/06/2011	0.0007	0.00017	0.0013	0.21	1.2	200	30	7.7	0.32	19	1.9	16.3	2.2	6.3	87.9
D	SGS058	352600	5387800	B horizon 30cm depth	AD11075004	1/06/2011	-0.0005	0.00014	0.0013	0.24	0.9	170	30	3.84	0.13	19	1.7	24.8	2.7	9	149
D	SGS059	352650	5387800	B horizon 35cm depth	AD11075004	1/06/2011	0.0007	0.00009	0.0013	0.44	0.6	120	20	1.94	0.11	18	2.7	9.1	0.7	5.4	41.7
D	SGS060	352700	5387800	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00007	-0.0013	0.22	1.1	120	10	1.45	0.04	15	1.8	17.3	2.9	3.6	31.7
D	SGS061	352750	5387800	B horizon 40cm depth	AD11075004	1/06/2011	0.0006	0.00012	0.0013	0.29	0.8	90	30	3.11	0.06	14	1.6	14.4	1.1	11.3	147.5
D	SGS062	352800	5387800	B horizon 30cm depth	AD11075004	1/06/2011	0.0007	0.00026	0.0013	0.31	0.5	230	20	2.38	0.06	19	1.6	19	1.2	7.9	108.5
D	SGS063	352850	5387800	B horizon 35cm depth	AD11075004	1/06/2011	0.0006	0.00019	-0.0013	0.24	1	40	20	1.93	0.08	15	2.2	19.9	1.1	14.3	201
D	SGS064	352900	5387800	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00014	-0.0013	0.18	0.7	20	20	1.78	0.04	15	1.8	36.4	2.7	12	182.5
D	SGS065	352950	5387800	B horizon 20cm depth	AD11075004	1/06/2011	0.0009	0.00015	-0.0013	0.25	1.2	90	10	1.69	0.08	16	2.7	16.4	1.6	5.5	45.3
D	SGS066	353000	5387800	B horizon 25cm depth	AD11075004	1/06/2011	0.0005	0.0002	-0.0013	0.21	1	150	10	2.74	0.05	19	1.6	22.2	6	9	122.5
D	SGS067	353050	5387800	B horizon 25cm depth	AD11075004	1/06/2011	0.0005	0.00011	-0.0013	0.13	1.1	220	10	3.2	0.1	15	1.5	20.2	1.1	4.7	39.4
D	SGS071	352300	5387900	B horizon 15cm depth	AD11075004	1/06/2011	0.0007	0.00014	-0.0013	0.11	1	60	70	0.27	0.15	24	4.2	6.4	4	4.1	20.6
D	SGS072	352350	5387900	B horizon 20cm depth	AD11075004	1/06/2011	0.0006	0.0002	-0.0013	0.2	0.9	100	90	0.62	0.25	26	4.9	9.7	3.8	4.7	30
D	SGS073	352400	5387900	C horizon 50cm depth	AD11075004	1/06/2011	0.0011	0.00095	0.0013	0.21	4.2	690	180	1.81	0.34	32	4.8	21	4.4	3.4	81.8
D	SGS074	352450	5387900	B horizon 25cm depth	AD11075004	1/06/2011	0.0008	0.00019	-0.0013	0.17	1	230	20	1.85	0.14	16	2.3	11.5	1.6	5.2	66.8
D	SGS075	352500	5387900	B horizon 15cm depth	AD11075004	1/06/2011	0.0007	0.00022	-0.0013	0.13	0.8	250	20	2.13	0.05	16	1.8	12.8	1.9	6.7	108
D	SGS076	352550	5387900	B horizon 20cm depth	AD11075004	1/06/2011	-0.0005	0.00019	-0.0013	0.1	0.8	120	30	2.55	0.2	17	1.5	19.4	0.7	8.9	169.5
D	SGS077	352600	5387900	B horizon 20cm depth	AD11075004	1/06/2011	0.0008	0.00009	0.0013	0.37	1.3	110	30	1.82	0.13	16	4.3	6.4	1.1	11.4	69.9
D	SGS078	352650	5387900	B horizon 25cm depth	AD11075004	1/06/2011	0.0008	0.00009	0.0013	0.34	0.8	160	10	2.48	0.11	18	2.8	14.6	3.1	3.3	15.3
D	SGS079	352700	5387900	B horizon 25cm depth	AD11075004	1/06/2011	0.0008	0.00008	-0.0013	0.23	1.3	100	10	1.41	0.1	16	3.5	8	1.7	5.4	16.2
D	SGS080	352750	5387900	B horizon 25cm depth	AD11075004	1/06/2011	-0.0005	0.00011	-0.0013	0.12	0.8	130	30	1.86	0.03	15	1.6	18.5	3.4	7.9	120.5
D	SGS081	352800	5387900	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.00022	-0.0013	0.2	0.9	90	20	2.67	0.08	14	1.8	17	1.1	13.5	192
D	SGS082	352850	5387900	B horizon 75cm depth	AD11075004	1/06/2011	-0.0005	0.00017	-0.0013	0.17	0.7	30	20	2.23	0.04	17	1.9	24.9	2.7	13.7	228
D	SGS083	352900	5387900	B horizon 100cm depth	AD11075004	1/06/2011	0.0006	0.00029	-0.0013	0.31	1.8	10	30	2.75	0.06	14	1.2	41	1.5	38.4	292
D	SGS084	352950	5387900	B horizon 30cm depth	AD11075004	1/06/2011	0.0006	0.0001	-0.0013	0.06	0.6	40	20	3.95	0.13	18	1	18.7	1.8	12.6	217
D	SGS085	353000	5387900	B horizon 25cm depth	AD11075004	1/06/2011	0.0007	0.00014	-0.0013	0.27	0.9	140	10	6.53	0.23	13	1.2	21.9	1.2	8.6	125.5
D	SGS086	353050	5387900	C horizon 90cm depth	AD11075004	1/06/2011	0.0012	0.00099	0.0013	0.45	5.4	20	60	2.13	0.17	23	2.6	27.9	3.3	21.5	320
D	SGS087	352300	5388000	C horizon 15cm depth	AD11096027	29/06/2011	0.0017	0.00093	-0.0013	0.24	1.8	100	300	0.74	0.5	40	10.4	11.2	6.1	2	115
D	SGS088	352350	5388000	A/B horizon 25cm depth	AD11096027	29/06/2011	0.0006	0.00018	-0.0013	0.11	0.7	80	20	0.28	0.14	19	4.2	10.8	2.6	0.6	8.6
D	SGS089	352400	5388000	B/C horizon 30cm depth	AD11096027	29/06/2011	0.0006	0.0002	-0.0013	0.16	1	150	10	1.03	0.1	23	6.8	13.8	6.5	2.2	21.9
D	SGS090	352450	5388000	B horizon 50cm depth	AD11096027	29/06/2011	0.0006	0.00051	-0.0013	0.37	33.8	50	40	1.79	0.54	16	2.7	24.3	1.9	11.4	257
D	SGS091	352500	5388000	B horizon 30cm depth	AD11096027	29/06/2011	0.0007	0.00021	-0.0013	0.18	1.8	60	20	2.92	0.23	20	6.1	17.2	8	5.3	131
D	SGS092	352550	5388000	B horizon 45cm depth	AD11096027	29/06/2011	0.0006	0.00032	-0.0013	0.3	2.1	130	10	1.54	0.07	21	3.6	17.9	3.4	2.5	17.5
D	SGS093	352600	5388000	B horizon 15cm depth	AD11096027	29/06/2011	0.0005	0.00011	-0.0013	0.22	1.2	120	-10	1.02	0.06	26	8.5	17.5	8.8	2.3	4.9
D	SGS094	352650	5388000	B horizon 35cm depth	AD11096027	29/06/2011	0.0007	0.00008	-0.0013	0.24	1.5	90	10	1.47	0.06	23	7.1	14.7	4.4	3.3	16.1
D	SGS095	352700	5388000	B horizon 60cm depth	AD11096027	29/06/2011	0.0006	0.00011	-0.0013	0.25	1.4	70	10	1.62	0.07	27	8.9	16.6	8.9	3.3	22.3

EL33/2007 Appendix A: Soil Sample Locations and Assays

H1000	Sample	E_MGA55	N_MGA55	Description	Batch	Date	Sn_XRF	Sn_ICP	WO3	Ag	As	B	Ba	Be	Bi	Cr	Cu	Li	Ni	Pb	Rb
H1001		metres	metres				%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		15	15																		
D	SGS096	352750	5388000	C horizon 20cm depth	AD11096027	29/06/2011	0.0009	0.00005	-0.0013	0.14	0.6	90	-10	1.06	0.02	26	1.8	19.7	2	0.7	5.6
D	SGS097	352800	5388000	B horizon 15cm depth	AD11096027	29/06/2011	0.0008	0.00013	-0.0013	0.25	1.6	100	10	2.39	0.08	24	7.5	21.2	8.2	3.9	62.4
D	SGS098	352850	5388000	B horizon 20cm depth	AD11096027	29/06/2011	0.0007	0.00022	-0.0013	0.36	1.1	40	30	3.56	0.05	26	2.8	15.1	2	11.5	232
D	SGS099	352900	5388000	B horizon 15cm depth	AD11096027	29/06/2011	0.0007	0.00017	-0.0013	0.16	1.5	30	10	3.57	0.15	21	3.5	21.4	4.5	9	241
D	SGS100	352950	5388000	B horizon 35cm depth	AD11096027	29/06/2011	0.0006	0.00015	-0.0013	0.17	0.7	70	10	2.88	0.06	21	1.5	19.7	1.6	7.4	194.5
D	SGS101	353000	5388000	C horizon 50cm depth	AD11096027	29/06/2011	0.0006	0.00073	-0.0013	0.34	2.7	30	30	1.82	0.1	31	3.6	50.4	5.8	25.9	361
D	SGS102	353050	5388000	B horizon 20cm depth	AD11096027	29/06/2011	0.0009	0.0001	-0.0013	0.29	0.9	140	10	3.34	0.03	26	3.2	20.6	3.3	2.2	24.2
D	SGS107	352300	5388100	B horizon 35cm depth	AD11096027	29/06/2011	0.0007	0.0005	-0.0013	0.21	1.3	680	60	0.81	0.13	29	6	10	4.3	0.9	31.4
D	SGS108	352350	5388100	B horizon 30cm depth	AD11096027	29/06/2011	0.0008	0.00019	-0.0013	0.16	1.1	130	30	1.7	0.22	19	2.3	10.8	2	6.9	180.5
D	SGS109	352400	5388100	B horizon 25cm depth	AD11096027	29/06/2011	0.0005	0.00019	-0.0013	0.18	1.9	30	20	1.07	0.13	20	4.4	17.6	5.9	6.1	146.5
D	SGS110	352450	5388100	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00015	-0.0013	0.19	0.8	110	20	1.76	0.07	26	1.7	12.9	1.9	7.6	192.5
D	SGS111	352500	5388100	B horizon 40cm depth	AD11096027	29/06/2011	0.0007	0.00014	0.0013	0.43	0.9	280	10	1.68	0.05	29	5.9	12.5	5.1	1.4	7.5
D	SGS112	352550	5388100	B horizon 25cm depth	AD11096027	29/06/2011	-0.0005	0.00009	-0.0013	0.21	0.9	110	-10	1.14	0.05	17	2.2	20.2	2.3	1.8	20.5
D	SGS113	352600	5388100	B horizon 25cm depth	AD11096027	29/06/2011	0.0005	0.0001	0.0013	0.39	0.9	130	-10	1.33	0.06	29	6.4	15.3	5.5	1.9	6.6
D	SGS114	352650	5388100	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00006	-0.0013	0.19	0.4	110	-10	1.24	0.03	24	2.2	19.9	2.8	-0.5	3.7
D	SGS115	352700	5388100	B horizon 35cm depth	AD11096027	29/06/2011	0.0005	0.00006	-0.0013	0.13	0.9	120	-10	1.24	0.04	31	4.7	17.6	5.9	0.7	4.1
D	SGS116	352750	5388100	B horizon 35cm depth	AD11096027	29/06/2011	0.0005	0.00005	-0.0013	0.13	0.5	90	10	2.92	0.05	22	2	19.9	2.6	2.1	28.2
D	SGS117	352800	5388100	A horizon 10cm depth	AD11096027	29/06/2011	0.0008	0.0003	0.0025	0.35	2.3	60	30	3.58	0.53	23	8.4	28.3	7.1	18.3	206
D	SGS118	352850	5388100	B horizon 25cm depth	AD11096027	29/06/2011	0.0007	0.00018	-0.0013	0.19	0.5	20	10	3.02	0.03	25	1.6	20.2	1.8	10.8	278
D	SGS119	352900	5388100	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00011	-0.0013	0.24	1.6	100	10	4.61	0.08	30	4.1	21.9	5.1	3.4	79
D	SGS120	352950	5388100	B horizon 15cm depth	AD11096027	29/06/2011	0.0005	0.00021	-0.0013	0.21	0.7	50	20	3.08	0.14	16	1.6	24.6	5.6	7.4	251
D	SGS121	353000	5388100	B horizon 40cm depth	AD11096027	29/06/2011	0.001	0.00012	0.0013	0.36	1.3	100	10	2.73	0.04	25	6.1	19.9	6.6	2.1	21.6
D	SGS122	353050	5388100	B horizon 30cm depth	AD11096027	29/06/2011	0.0011	0.00012	-0.0013	0.4	0.6	160	10	1.15	0.04	213	2.9	19.1	2.3	2.7	26.9
D	SGS123	352300	5388600	B horizon 17m depth	AD11096027	29/06/2011	0.0008	0.00023	-0.0013	0.18	1.7	150	20	0.58	0.14	26	7	10.5	6.9	5.1	18.6
D	SGS124	352350	5388600	B horizon 36cm depth	AD11096027	29/06/2011	0.0005	0.0001	-0.0013	0.07	7	120	10	0.75	0.13	18	1.9	14.6	2.4	2.1	22.2
D	SGS125	352400	5388600	B horizon 32cm depth	AD11096027	29/06/2011	-0.0005	0.00013	-0.0013	0.22	2.7	140	-10	0.9	0.1	15	2.9	20.5	3.4	1.2	19.7
D	SGS126	352450	5388600	B horizon 23cm depth	AD11096027	29/06/2011	0.0009	0.00012	0.0013	0.36	1	270	10	2.53	0.17	22	4.5	9.8	2.4	1.5	5.9
D	SGS127	352500	5388600	B horizon 25cm depth	AD11096027	29/06/2011	0.0006	0.0001	-0.0013	0.11	0.7	240	10	3.43	0.09	20	3.5	15.2	4.1	2.5	37.8
D	SGS128	352550	5388600	B horizon 35cm depth	AD11096027	29/06/2011	-0.0005	0.00011	-0.0013	0.14	0.6	180	10	2.28	0.19	15	1.7	15.4	2	4.5	90.8
D	SGS129	352600	5388600	B horizon 25cm depth	AD11096027	29/06/2011	0.0007	0.00011	-0.0013	0.11	1.1	460	-10	3.6	0.16	20	4.3	14.4	5.4	2.3	5.7
D	SGS130	352650	5388600	B horizon 35cm depth	AD11096027	29/06/2011	0.001	0.00016	0.0013	0.17	0.9	370	10	4.15	0.18	18	2.1	16.9	2.3	3.7	92
D	SGS131	352700	5388600	B horizon 35cm depth	AD11096027	29/06/2011	0.0006	0.00015	-0.0013	0.13	2	80	-10	1.85	0.22	18	3.6	21.6	4.4	0.6	23.3
D	SGS132	352750	5388600	B horizon 45cm depth	AD11096027	29/06/2011	0.0005	0.00009	-0.0013	0.22	0.7	350	10	1.97	0.07	25	2.2	21.2	1.8	0.6	10.4
D	SGS133	352800	5388600	B/C horizon 70cm depth	AD11096027	29/06/2011	0.0005	0.00005	-0.0013	0.05	0.4	110	-10	0.96	0.03	23	2.9	21.2	3.7	-0.5	4.4
D	SGS134	352850	5388600	B horizon 19cm depth	AD11096027	29/06/2011	0.0007	0.00013	-0.0013	0.2	0.8	200	20	1.75	0.04	20	2	20.4	2.6	5.4	151.5
D	SGS135	352900	5388600	B horizon 20cm depth	AD11096027	29/06/2011	0.0009	0.00015	-0.0013	0.16	1	90	20	1.77	0.04	25	3.9	13.4	4.4	5.9	171.5
D	SGS136	352950	5388600	B horizon 20cm depth	AD11096027	29/06/2011	0.0008	0.00022	-0.0013	0.17	0.6	150	20	1.76	0.03	32	1.7	17.2	2	3.1	82.3
D	SGS137	353000	5388600	B horizon 20cm depth	AD11096027	29/06/2011	0.0005	0.00011	-0.0013	0.22	1.1	130	-10	2.13	0.04	24	7.4	18.8	7.8	2.6	30
D	SGS138	353050	5388600	B horizon 20cm depth	AD11096027	29/06/2011	0.0009	0.00014	0.0013	0.29	0.5	300	10	3.06	0.09	21	5	17.3	2.3	3.3	26.6
D	SGS143	352300	5388300	B horizon 50cm depth	AD11096027	29/06/2011	0.0005	0.00037	-0.0013	0.21	1.1	120	60	0.67	0.18	22	5.9	16.8	5.6	0.8	37.6
D	SGS144	352350	5388300	B horizon 45cm depth	AD11096027	29/06/2011	0.0006	0.00005	-0.0013	0.12	0.3	120	-10	0.62	0.05	18	1.5	15.4	1.9	-0.5	3.3
D	SGS145	352400	5388300	B horizon 65cm depth	AD11096027	29/06/2011	0.0009	0.00033	-0.0013	0.27	2.6	130	20	2.2	1.52	15	3.4	27.7	3.8	9.2	282
D	SGS146	352450	5388300	B horizon 30cm depth	AD11096027	29/06/2011	0.0005	0.00013	-0.0013	0.14	0.7	150	10	2.17	0.09	18	1.6	16.8	1.8	4	92.2
D	SGS147	352500	5388300	B horizon 55cm depth	AD11096027	29/06/2011	0.0005	0.00017	-0.0013	0.32	2.1	130	10	1.85	0.23	30	4.6	18.4	4.8	2.6	33.2
D	SGS148	352550	5388300	B horizon 50cm depth	AD11096027	29/06/2011	0.0006	0.00013	0.0013	0.22	1.7	140	-10	1.87	0.13	20	1.8	18.1	1.8	2.3	26.7
D	SGS149	352600	5388300	B horizon 45cm depth	AD11096027	29/06/2011	0.0005	0.00005	-0.0013	0.08	0.7	120	-10	1.58	0.03	18	3	20.4	3.4	0.6	1.3
D	SGS150	352650	5388300	A horizon 15cm depth	AD11096027	29/06/2011	0.0009	0.00016	-0.0013	0.18	1	70	30	1.9	0.06	27	2.2	17	2.8	10	211
D	SGS151	352700	5388300	A horizon 25cm depth	AD11096027	29/06/2011	0.0009	0.00022	0.0013	0.32	1.3	40	20	1.81	0.09	31	2.9	24.5	3	8.5	227
D	SGS152	352750	5388300	C horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00012	0.0013	0.31	0.7	40	10	0.85	0.02	20	2.1	21.2	1.9	2	47.5
D	SGS153	352800	5388300	A horizon 10cm depth	AD11096027	29/06/2011	0.0009	0.00016	0.0013	0.38	0.6	60	20	2.37	0.03	21	4.8	16.1	4.4	8.2	153.5
D	SGS154	352850	5388300	B horizon 45cm depth	AD11096027	29/06/2011	0.0005	0.00016	0.0013	0.32	0.3	210	10	2.62	0.03	20	2.2	24	2.3	4	97.3
D	SGS155	352900	5388300	C horizon 50cm depth	AD11096027	29/06/2011	0.0007	0.00018	0.0013	0.3	0.8	280	10	2.54	0.06	19	4	25.6	3.9	2	46
D	SGS156	352950	5388300	C horizon 60cm depth	AD11096027	29/06/2011	0.0008	0.0001	-0.0013	0.26	0.4	170	-10	2.98	0.11	25	2	23.4	1.6	1.4	22.8
D	SGS157	353000	5388300	A horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00018	0.0013	0.36	1.7	230	30	6.7	0.15	22	5.5	18.7	6	9.6	156.5
D	SGS158	353050	5388300	B horizon 40cm depth	AD11096027	29/06/2011	0.0005	0.0001	-0.0013	0.17	1	240	10	3.08	0.07	29	1.5	20.1	1	0.8	22.5
D	SGS159	352300	5388400	B horizon 18cm depth	AD11096027	29/06/2011	0.0008	0.00033	-0.0013	0.17	1.9	160	50	0.44	0.1	32	5.7	8.7	4.2	1.9	16.5
D	SGS160	352350	5388400	B horizon 35cm depth	AD11096027	29/06/2011	-0.0005	0.00005	-0.0013	0.09	0.8	50	-10	1.46	0.05	18	1.8	13.7	3	-0.5	3.2
D	SGS161	352400	5388400	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00006	-0.0013	0.1	1	60	-10	1.18	0.03	22	3.8	18.5	4.4	1	3.8
D	SGS162	352450	5388400	B horizon 35cm depth	AD11096027	29/06/2011	-0.0005	0.00011	-0.0013	0.11	0.9	100	-10	1.19	0.12	23	1.3	17.4	1.9	4.1	14.3
D	SGS163	352500	5388400	B horizon 32cm depth	AD11096027	29/06/2011	0.0007	0.00007	0.0013	0.21	1.4	140	-10	2.05	0.08	26	3.3	8.5	2.5	0.7	7.1

EL33/2007 Appendix A: Soil Sample Locations and Assays

H1000	Sample	E_MGA55	N_MGA55	Description	Batch	Date	Sn_XRF	Sn_ICP	WO3	Ag	As	B	Ba	Be	Bi	Cr	Cu	Li	Ni	Pb	Rb
H1001		metres	metres				%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		15	15																		
D	SGS164	352550	5388400	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00006	-0.0013	0.1	0.7	90	10	1.86	0.07	22	1.5	21.1	1.5	2	23.8
D	SGS165	352600	5388400	B horizon 15cm depth	AD11096027	29/06/2011	-0.0005	0.00004	-0.0013	0.04	1.3	140	10	0.9	0.03	23	1.4	3.8	1	-0.5	29.2
D	SGS166	352650	5388400	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00005	-0.0013	0.08	0.5	70	-10	1.06	0.05	16	2.5	24.2	1.8	2.2	15.5
D	SGS167	352700	5388400	B horizon 47cm depth	AD11096027	29/06/2011	0.0006	0.00013	0.0013	1.08	1.2	190	-10	2.1	0.09	26	6.5	16.3	4.9	0.7	4.3
D	SGS168	352750	5388400	B horizon 25cm depth	AD11096027	29/06/2011	0.0008	0.00008	0.0013	0.36	1	60	10	4.01	0.05	17	3.2	12.7	1.5	5.4	34.6
D	SGS169	352800	5388400	B horizon 35cm depth	AD11096027	29/06/2011	0.0006	0.00008	-0.0013	0.19	1.2	70	10	1.48	0.03	23	3.9	16.9	4.1	2.1	18
D	SGS170	352850	5388400	C horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00018	-0.0013	0.22	1.6	190	30	2.76	0.04	32	1.8	17.8	2.3	7.9	163
D	SGS171	352900	5388400	B horizon 30cm depth	AD11096027	29/06/2011	0.0008	0.00011	-0.0013	0.24	1.1	210	10	4	0.05	35	4.7	16.9	5.1	4.3	42.8
D	SGS172	352950	5388400	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00007	-0.0013	0.12	1.1	190	10	2.89	0.13	20	1.4	21.1	1.8	0.8	21.5
D	SGS173	353000	5388400	C horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00008	-0.0013	0.12	1.3	130	-10	1.64	0.05	23	3.7	16.4	3.9	0.6	6
D	SGS174	353050	5388400	B horizon 25cm depth	AD11096027	29/06/2011	0.0005	0.00024	0.0013	0.43	1.2	340	20	5.88	0.11	21	3.1	15.3	1.5	7.9	119
D	SGS179	352300	5388500	B horizon 30cm depth	AD11096027	29/06/2011	0.0007	0.00028	-0.0013	0.17	1.7	340	50	0.49	0.09	39	4.4	7.8	3.4	-0.5	22.8
D	SGS180	352350	5388500	B horizon 15cm depth	AD11096027	29/06/2011	0.0006	0.00025	-0.0013	0.23	1.6	230	20	1.77	0.15	19	3.8	12.7	4.3	3.5	32.8
D	SGS181	352400	5388500	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.0003	-0.0013	0.19	1.7	170	20	1.49	0.15	25	4.6	16.6	6.7	3.8	60.2
D	SGS182	352450	5388500	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00011	-0.0013	0.16	0.8	190	-10	1.43	0.09	18	2	13.4	2	1.2	15
D	SGS183	352500	5388500	B horizon 20cm depth	AD11096027	29/06/2011	0.0006	0.00006	-0.0013	0.11	1.5	100	-10	0.82	0.09	21	4.8	15.1	6.6	0.7	8.5
D	SGS184	352550	5388500	B horizon 15cm depth	AD11096027	29/06/2011	0.0006	0.00017	-0.0013	0.23	1.6	60	20	3.19	0.22	16	1.6	19.3	1.4	8.3	158.5
D	SGS185	352600	5388500	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00008	-0.0013	0.18	1.3	50	-10	2.47	0.08	20	9.8	19.3	7.1	0.9	15.9
D	SGS186	352650	5388500	B horizon 30cm depth	AD11096027	29/06/2011	0.0005	0.00016	-0.0013	0.22	0.2	270	10	3.34	0.1	21	2	17.8	2.7	6.4	50.1
D	SGS187	352700	5388500	B horizon 30cm depth	AD11096027	29/06/2011	0.0007	0.00003	-0.0013	0.09	1.2	140	-10	1.74	0.03	22	1.9	5.2	1.4	-0.5	3.5
D	SGS188	352750	5388500	B horizon 35cm depth	AD11096027	29/06/2011	0.0007	0.00006	-0.0013	0.22	0.9	130	-10	1.86	0.03	19	2.3	15.9	2.1	-0.5	4.4
D	SGS189	352800	5388500	B horizon 20cm depth	AD11096027	29/06/2011	0.0009	0.00027	0.0013	0.49	2.8	200	30	4.1	0.09	20	4.2	17.6	3.8	11.9	242
D	SGS190	352850	5388500	A/B horizon 20cm depth	AD11096027	29/06/2011	0.0006	0.00019	-0.0013	0.14	1.4	300	20	3.61	0.1	19	1.7	19.4	2.6	5.8	87.1
D	SGS191	352900	5388500	B horizon 30cm depth	AD11096027	29/06/2011	0.0006	0.00014	-0.0013	0.2	1.7	190	10	2.82	0.08	20	3.9	18.5	4.3	3.2	67.7
D	SGS192	352950	5388500	A/B horizon 15cm depth	AD11096027	29/06/2011	0.0006	0.00013	0.0013	0.27	1.1	70	10	5.68	0.04	16	2.5	16	5.1	10.5	117
D	SGS193	353000	5388500	A/B horizon 20cm depth	AD11096027	29/06/2011	0.0006	0.00013	-0.0013	0.23	1.2	220	10	2.22	0.05	23	4.9	14.5	4.4	5.3	16.1
D	SGS194	353050	5388500	A/B horizon 15cm depth	AD11096027	29/06/2011	0.0005	0.0001	0.0013	0.29	0.7	310	10	2.55	0.04	20	2.8	15.8	1.8	5	14.5
D	SGS195	352300	5388200	A horizon 45cm depth	AD11096027	29/06/2011	0.0009	0.00018	-0.0013	0.14	0.9	50	30	0.45	0.17	29	4	8.4	3.6	4.9	26.3
D	SGS196	352350	5388200	B horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00007	-0.0013	0.03	0.6	10	10	0.71	0.08	16	1.2	11.6	1.5	6.3	64.3
D	SGS197	352400	5388200	C horizon 20cm depth	AD11096027	29/06/2011	0.0005	0.00018	-0.0013	0.11	1.1	70	10	1.46	0.04	33	3.2	16.5	4.5	10.3	134
D	SGS198	352450	5388200	B horizon 50cm depth	AD11096027	29/06/2011	0.0006	0.00003	-0.0013	0.13	0.5	10	-10	0.8	0.04	22	1.8	11.7	3.2	3.6	2
D	SGS199	352500	5388200	B horizon 10cm depth	AD11096027	29/06/2011	-0.0005	0.00011	-0.0013	0.16	1.2	50	10	0.74	0.07	19	6.1	10.8	5.5	6.6	32.1
D	SGS200	352550	5388200	A horizon 35cm depth	AD11096027	29/06/2011	0.0009	0.00025	-0.0013	0.46	3.6	170	40	1.75	0.14	24	2.7	16.3	1.8	13.7	201
D	SGS201	352600	5388200	B horizon 25cm depth	AD11096027	29/06/2011	0.0006	0.00006	-0.0013	0.12	0.9	80	-10	1.93	0.04	30	4.4	13	4.6	3.2	6
D	SGS202	352650	5388200	A horizon 40cm depth	AD11096027	29/06/2011	-0.0005	0.0002	0.0013	0.31	2.3	30	10	3.66	0.11	29	2.1	23.7	1.3	9.8	164.5
D	SGS203	352700	5388200	B horizon 25cm depth	AD11096027	29/06/2011	0.0005	0.00011	0.0013	0.13	1	40	10	1.97	0.06	31	3	24.3	3.7	6.8	88.4
D	SGS204	352750	5388200	B horizon 25cm depth	AD11096027	29/06/2011	0.0008	0.00021	0.0013	0.13	1	80	10	6.78	0.46	18	1.9	28.7	2.7	15	266
D	SGS205	352800	5388200	B horizon 30cm depth	AD11096027	29/06/2011	0.0006	0.00015	0.0013	0.28	1.1	70	20	2.24	0.05	24	4.4	14	4.7	11.6	122
D	SGS206	352850	5388200	A horizon 30cm depth	AD11096027	29/06/2011	0.0008	0.00023	0.0013	0.5	1.2	160	20	1.65	0.11	24	4	19.8	2.2	8	67.8
D	SGS207	352900	5388200	C horizon 30cm depth	AD11096027	29/06/2011	-0.0005	0.00029	0.0013	0.41	1.6	130	30	2.84	0.08	31	4.6	19.6	4.7	11.8	168.5
D	SGS208	352950	5388200	B horizon 40cm depth	AD11096027	29/06/2011	0.0008	0.00016	0.0013	0.16	0.7	220	20	4.57	0.07	15	2.3	18.5	2.6	13.2	182.5
D	SGS209	353000	5388200	B horizon 40cm depth	AD11096027	29/06/2011	0.0007	0.00012	-0.0013	0.15	2.5	150	10	2.21	0.06	35	15.7	11.1	14.5	6.1	7.5
D	SGS210	353050	5388200	B horizon 20cm depth	AD11096027	29/06/2011	-0.0005	0.00008	-0.0013	0.2	0.6	210	60	1.31	0.04	25	2.5	19	3	7.8	17.9
EOF																					

Appendix B

Stream Sediment Sample Locations and Assays

EL33/2007 Appendix B: Stream Sediment Locations and Assays

H0002	Version	4																
H0003	Date_generated	23/08/2013																
H0004	Reporting_period_end_date	28/08/2013																
H0005	State	TAS																
H0100	Tenement	EL33/2007																
H0101	Tenement_holder	Venture Minerals Ltd																
H0102	Project_name	Supergrunt																
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	28/08/2012																
H0201	End_date_of_data_acquisition	23/08/2013																
H0202	Data_format	SG3																
H0203	Number_of_data_records	26																
H0204	Date_of_metadata_update	23/08/2013																
H0500	Feature_Located	Sample Point																
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 SED																
H0601	Sample_type	Panned Stream Sediment																
H0602	Sample_description	-3mm sieved and panned concentrate																
H0700	Sample_preparation_code	PREP-21																
H0701	Sample_preparation_details	dry, crush, pulverise to approx P80 <75 microns																
H0702	Job_no	see data																
H0800	Assay_code	XRF05, ME-ICP61, B-ICP69																
H0801	Assay_company	ALS Chemex, samples prepared in Adelaide lab, assayed in Perth & Brisbane labs																
H0802	Assay_description	Sn & W by XRF on pressed powder disks (XRF05) at Brisbane lab, B by 3 acid digest with ICP OES finish (B-ICP69) at Perth lab, all other elements by 4 acid digest with ICP OES finish (ME-ICP61) at Perth lab.																
H0900	Remarks:																	
H1000	Sample	E_MGA55	N_MGA55	Lith_description	Site_description	Batch	Date	Sn_XRF	Sn_ICP61	WO3	Ag	As	B	Bi	Cr	Cu	Ni	Pb
H1001		metres	metres					%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		10	10															
D	SGSS001	352618	5387581	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	shallow gradient stream, high volume flow, w/ massive FG boulders (≤4m) . w/ sub rounded pebbles of FG, ZQT + mas qz.	AD11063080	8/05/2011	0.0234	0.00046	0.0139	0.1	-0.2	1510	0.05	8	0.5	1.4	12.8
D	SGSS002	352669	5387658	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	moderate gradient stream w/ abundant boulders of FG, pebbles of FG, mas qz + rare ZSCH.	AD11063080	8/05/2011	0.0163	0.00041	0.005	0.06	0.4	980	0.04	9	0.9	1.6	6.8
D	SGSS003	352693	5387731	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	shallow gradient stream, fast flowing, w/ boulders (≤1m) obstructing flow sub-rounded pebbles (FG, ZQT + mas qz) and granitic gravel.	AD11063080	8/05/2011	0.0129	0.00039	0.0038	0.06	-0.2	1070	0.04	7	0.4	1	8.1
D	SGSS004	352755	5387769	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	slow moving stream w/ small gravel beaches, + small FG boulders (≤1m). Stream sediment consists of FG, ZQT, mas qz + rare ZSCH.	AD11063080	8/05/2011	0.0015	0.00025	-0.0013	0.06	0.7	410	0.04	6	0.7	1.1	4.7
D	SGSS005	352772	5387899	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	sample taken at base of small waterfall flowing over large rounded boulders of FG . Small pebbles of FG, ZQT + rasre mas qz. Gravel poor.	AD11063080	8/05/2011	0.0105	0.00029	-0.0013	0.04	0.7	440	0.03	6	0.4	0.8	4.3
D	SGSS006	352503	5388002	sfg qz sand w/ lesser fp + tu. Heavies consist of dense vitreous yellow mineral ? Monazite.	shallow gradient creek w/ low water volume. Steady moving. Sediment load consists of qz, fp + rare tu w/ minor FG pebbles. Abundant vegetation - roots trapping sed.	AD11063080	8/05/2011	0.001	0.00009	0.0025	0.04	0.2	110	0.06	9	0.8	0.9	8.9
D	SGSS007	352562	5387953	sfg qz sand w/ lesser fp + tu. Heavies consist of dense vitreous yellow mineral ? Monazite.	low volume shallow stream gradient through shallow gully+ boggy button grass. ~8m downstream from small tributary entrance, from short gully to the north. Proximal to FG outcrop in stream bed.	AD11063080	8/05/2011	-0.0005	0.0001	0.0013	0.04	0.2	80	0.06	8	1	1.4	9

EL33/2007 Appendix B: Stream Sediment Locations and Assays

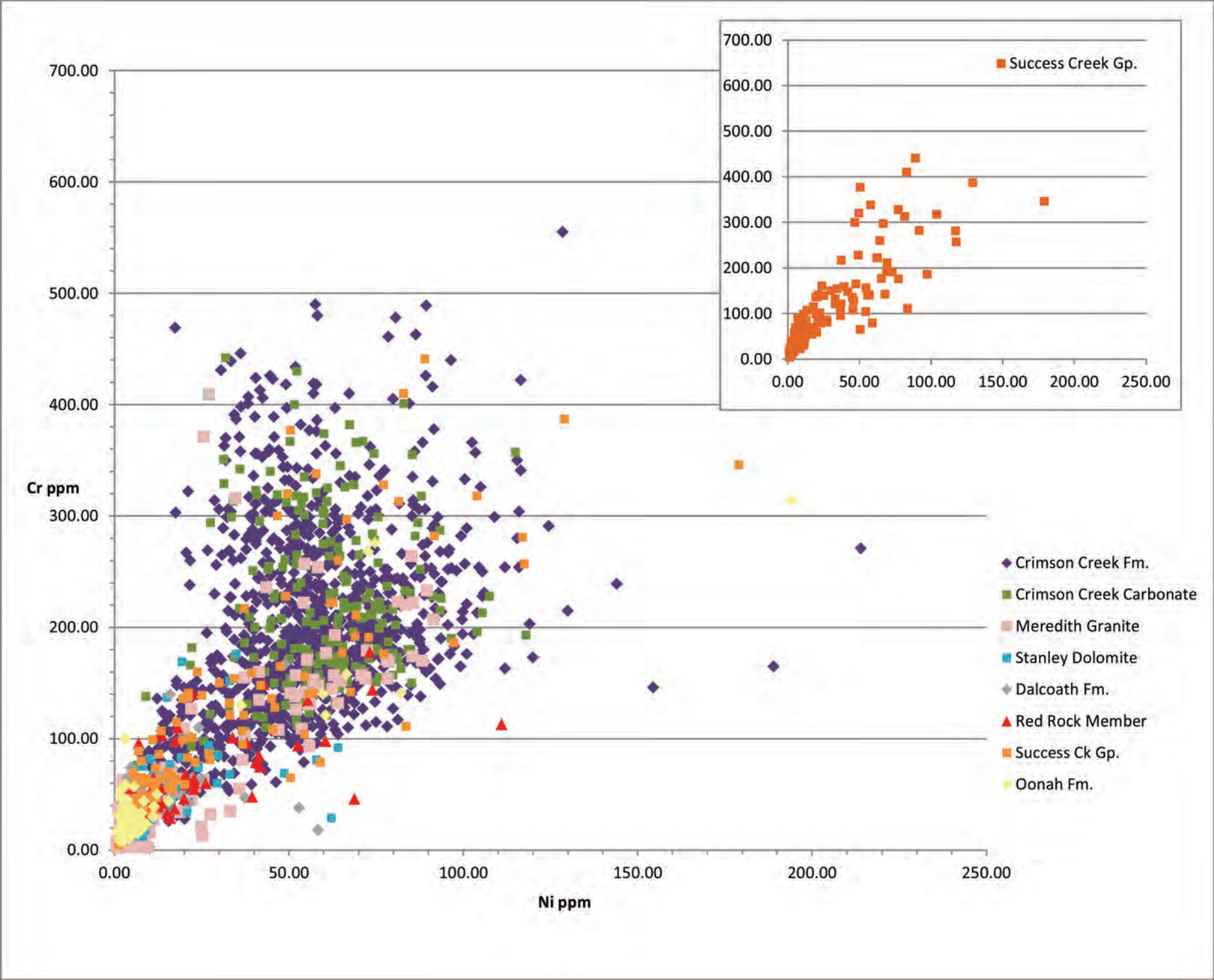
H1000	Sample	E_MGA55	N_MGA55	Lith_description	Site_description	Batch	Date	Sn_XRF	Sn_ICP61	WO3	Ag	As	B	Bi	Cr	Cu	Ni	Pb
H1001		metres	metres					%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		10	10															
D	SGSS008	352664	5387926	scg sand comprising of comon qz+fp fragments. w/ tu +dense vitreous yw mineral.	shallow low gradient creek. Braiding. w/ large boulders + vegetation obstruction stream. Sediment consists of granitic sands+ small ZQT pebbles. Boulders ≤5m w/ qz-tu nodules.	AD11063080	8/05/2011	0.0005	0.0001	-0.0013	0.04	0.4	150	0.63	6	0.6	1.2	7.2
D	SGSS009	352731	5387940	granitic scg sand comprising of dominantly qz w/ lesser fp + minor tu.	low volume stream flowing over granite outcrop. Steep gradient sed collected from small pile in pool at base of short 1.7m high waterfall. Very little sed. Qz dominant coarse fraction. Minor ZQT pebbles.	AD11063080	8/05/2011	0.0006	0.0001	-0.0013	0.03	0.7	140	0.05	7	0.3	1.2	7.2
D	SGSS010	352748	5387965	scg granitic sand consisting of qz+fp w/ abundant tu + minor yw ?monazite.	high volume stream flowing between large FG boulders, gravel beds accumulating on bends. Sed load = FG, mas qz + ZQT rounded boulders and cobbles.	AD11063080	8/05/2011	0.0132	0.00038	0.0038	0.07	0.3	930	0.04	10	0.2	2.3	6.4
D	SGSS011	352793	5387866	scg granitic sand consisting of qz+fp w/ tu + significant dense yw vitreous mineral ?monazite.	same high volume stream, just south of tributary entrance marked on map. But no flowing tributary coming out of narrow steep gully. Sed load= FG, ZQT + mas qz.	AD11063080	8/05/2011	0.1625	0.0007	0.0404	0.14	-0.2	1570	0.69	8	0.7	2.1	30.9
D	SGSS012	352823	5387450	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	well established high volume stream, meandering. Sediment load consists FG, ZQT, mas Qz + well rounded pebbles of ZSCH (≤10mm).	AD11063080	8/05/2011	0.125	0.00051	0.0063	0.1	-0.2	720	0.04	11	0.3	2.1	10
D	SGSS013	352852	5387348	tu rich scg qz+fp sand. Rare litic fragments (? Schist, mas qz). + yw vitreous dense mineral.	high volume, well established stream. Just after intersection with dry creek . Sample taken just before water flow's under boulders and is not exposed for a section 20-30m. Gravel and pebbles consist Fg, ZQT, mas qz + minor ZSCH.	AD11063080	8/05/2011	0.207	0.00048	0.0265	0.12	-0.2	530	0.05	8	0.9	1.1	26.9
D	SGSS014	352707	5387384	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	Braiding stream, high water volume, well established flowing along incised bedrock. Sediment consisting of FG, ZQT, mas qz and rare ZSCH.	AD11063080	8/05/2011	0.0142	0.00032	0.0025	0.06	0.4	410	0.03	7	0.9	1.2	9.4
D	SGSS015	352691	5387342	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	Low volume very steep sided, narrow creek. w/ high gradient running across incised FG bedrock. low sediment load consisting rare ang FG clasts, ZQT and mas QZ.	AD11063080	8/05/2011	0.0023	0.00012	-0.0013	0.05	0.6	100	0.05	8	0.4	1	4.6
D	SGSS016	352655	5387494	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	High volume stream w/ large FG boulders running along exposed bedrock . Low gradient stream consisting of FG, ZQT, mas qz and minor ZSCH.	AD11063080	8/05/2011	0.0944	0.00038	0.0139	0.11	-0.2	470	0.28	8	1.1	1.2	21
D	SGSS017	352567	5387494	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	Fast flowing, high volume stream after a set of rapids w/ large FG boulders. flowing over exposed bedrock sediment load consists of FG, ZQT, mas qz + rare ZSCH w/ granitic sands. Poorly sorted + variable rounding.	AD11063080	8/05/2011	0.0183	0.00029	0.005	0.08	0.5	340	0.05	9	0.9	1	13
D	SGSS018	352571	5387541	scg sand comprising of comon qz+fp fragments. Rare litic grains (? Schist, mas qz). + dense vitreous yw mineral.	well established fast flowing creek, shallow gradient, high volume flow. w/ abundant FG boulders + ang ZSCH (≤1.2m) (near contact ?) sediment load consists of FG, ZQT, ZSCH + mas qz + granitic sand. To the east 5m high shear FG outcrop.	AD11063080	8/05/2011	0.0134	0.00029	0.0038	0.05	0.5	490	0.05	-5	0.3	0.9	5.9
D	SGSS019	352666	5387653	tu rich granitic scg sand + minor yw dense minerals.	Second attempt at supergrunt (duplicate sample for SGSS002)	AD11063080	8/05/2011	0.0252	0.00035	0.0113	0.09	-0.2	620	0.04	5	0.3	0.9	15.4
D	SGSS020	352570	5388499	sfg-scg qz sand w/ lesser fp grains. Heavies consist of tu + yw monazite. ?trace v.ifg bk min	small creek, moderate gradient, sediment load consists of granitic gravel + sfg qz sand. + moderately vegetated creek.	AD11075002	4/06/2011	-0.0005	0.00011	0.0013	0.06	1.6	280	0.08	13	1.2	1.7	3.8
D	SGSS021	352561	5388472	sfg-smg qz sand w/ minor fp +tu grains w/ rare yw monazite	shallow gradient meandering creek w/ sandy granitic gravel load. low volume.	AD11075002	4/06/2011	-0.0005	0.00009	0.0013	0.07	2.8	170	0.07	12	1.7	3.6	3.4
D	SGSS022	352686	5388257	sfg-smg qz sand w/ lesser fp + minor tu w/ trace monazite. +?dgy heavy min.	fast flowing creek in steep sided valley w/ large FG boulders obstructing sed flow. Creek runs over exposed FG bedrock.	AD11075002	4/06/2011	0.0006	0.0001	0.0013	0.04	0.8	190	0.07	11	0.9	0.4	4.9

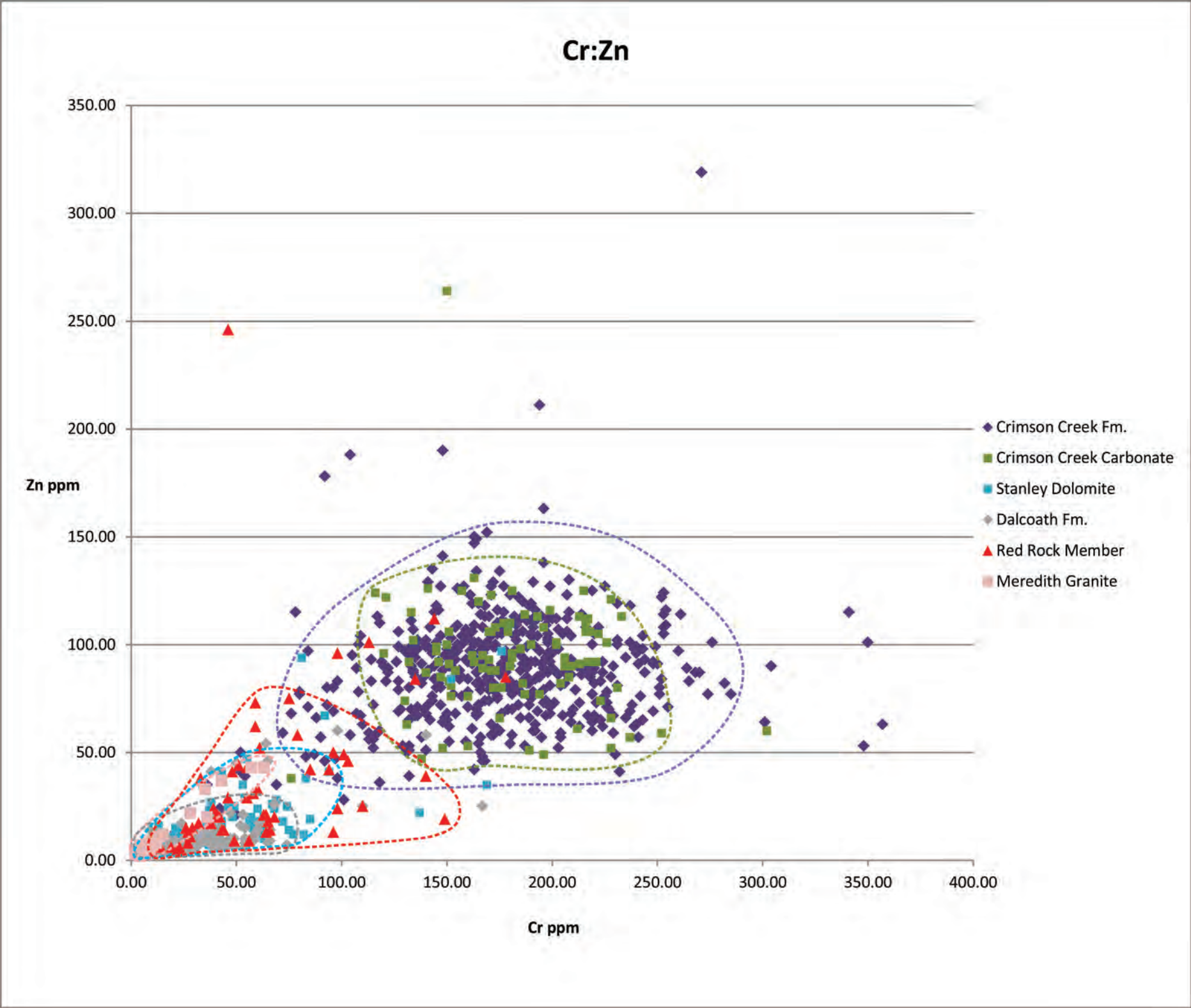
EL33/2007 Appendix B: Stream Sediment Locations and Assays

H1000	Sample	E_MGA55	N_MGA55	Lith_description	Site_description	Batch	Date	Sn_XRF	Sn_ICP61	WO3	Ag	As	B	Bi	Cr	Cu	Ni	Pb
H1001		metres	metres					%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002		10	10															
D	SGSS023	352746	5388237	scg-smg qz sand w/ abundant tu + sig monazite.	shallow gradient, high volume steady flowing creek, running across exposed bedrock w/ large FG boulders obstructing flow (≤1.5m). Sediment load consists of FG, mas qz + ZQT w/ rare rounded ZSCH.	AD11075002	4/06/2011	0.0235	0.00048	0.0113	0.11	0.4	1090	0.04	14	0.9	0.5	12.7
D	SGSS024	352791	5388155	sfg-scg qz rich sand w/ lesser fp + tu. Heavies consist of monazite + v.ifg bk material.	fast flowing, high volume creek running over exposed bedrock. Moderate gradient. Sed loads consists of FG gravels + minor FG pebbles.	AD11075002	4/06/2011	0.0008	0.00015	-0.0013	0.05	0.2	380	0.03	11	0.9	0.3	5.1
D	SGSS025	352727	5388135	sfg-scg qz sand w/ lesser fp grains + tu. + rare yw monazite.	moderately vegetated creek, slow moving w/ low volume. Flowing over exposed FG bedrock. Sed load consists of FG, ZQT, mas qz + rare well rounded pebbles of qz-mi ZSCH.	AD11075002	4/06/2011	0.0005	0.00009	0.0025	0.05	0.8	210	0.04	11	0.9	0.9	4.6
D	SGSS026	352789	5388057	scg-sfg qz-fp sand w/ tu. Heavy mineral poor trace monazite + v.ifg bk heavy min.	well established stream, fast flowing w/ large volume runoff. Exposing large section of FG bedrock. Several large boulders ≤3m obstruct flow. Sed load consists of FG, ZQT, mas qz and minor ZSCH.	AD11075002	4/06/2011	0.0012	0.00039	-0.0013	0.06	0.7	430	0.04	11	1.2	1.1	4.8
EOF																		

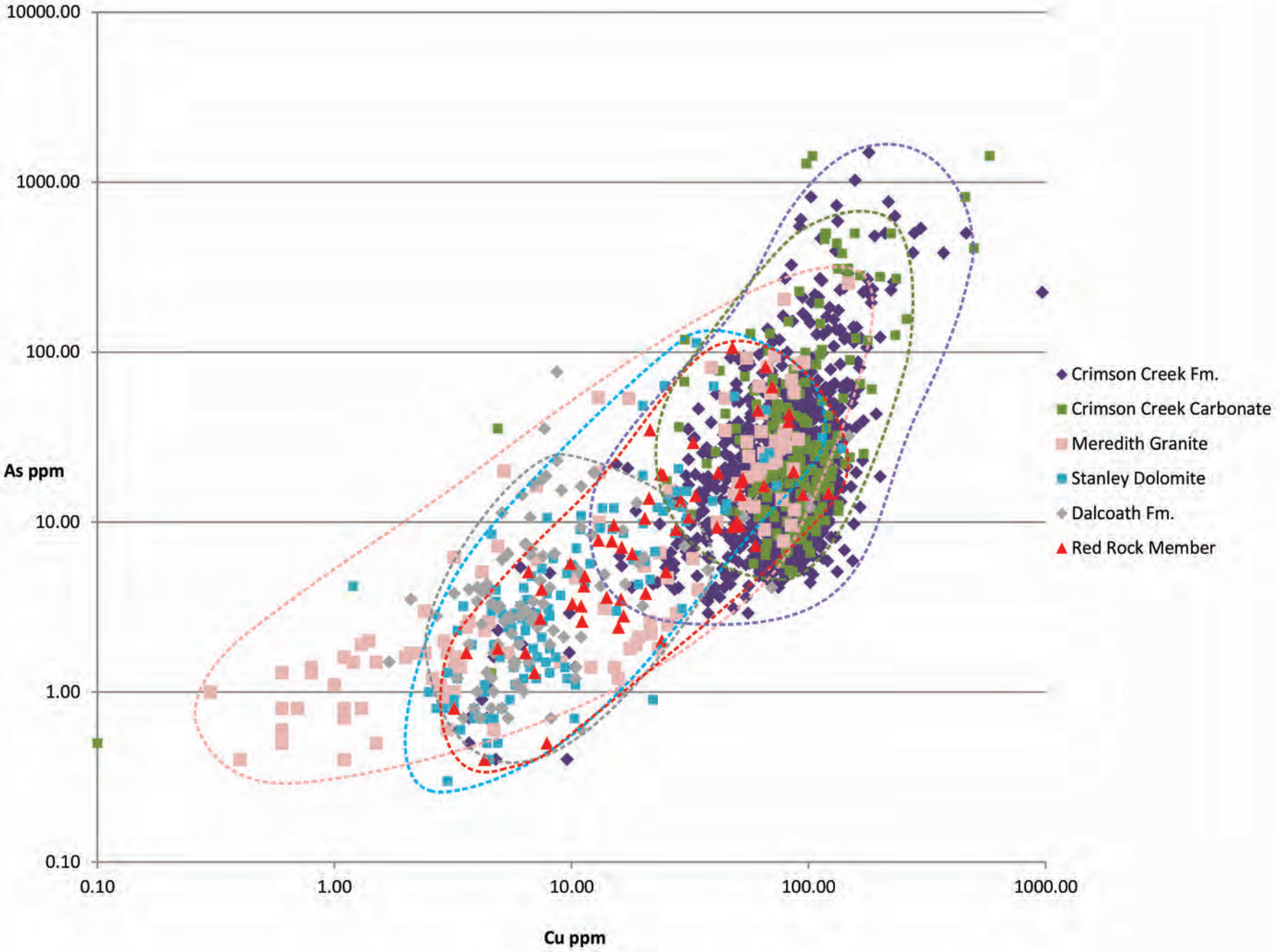
Appendix C

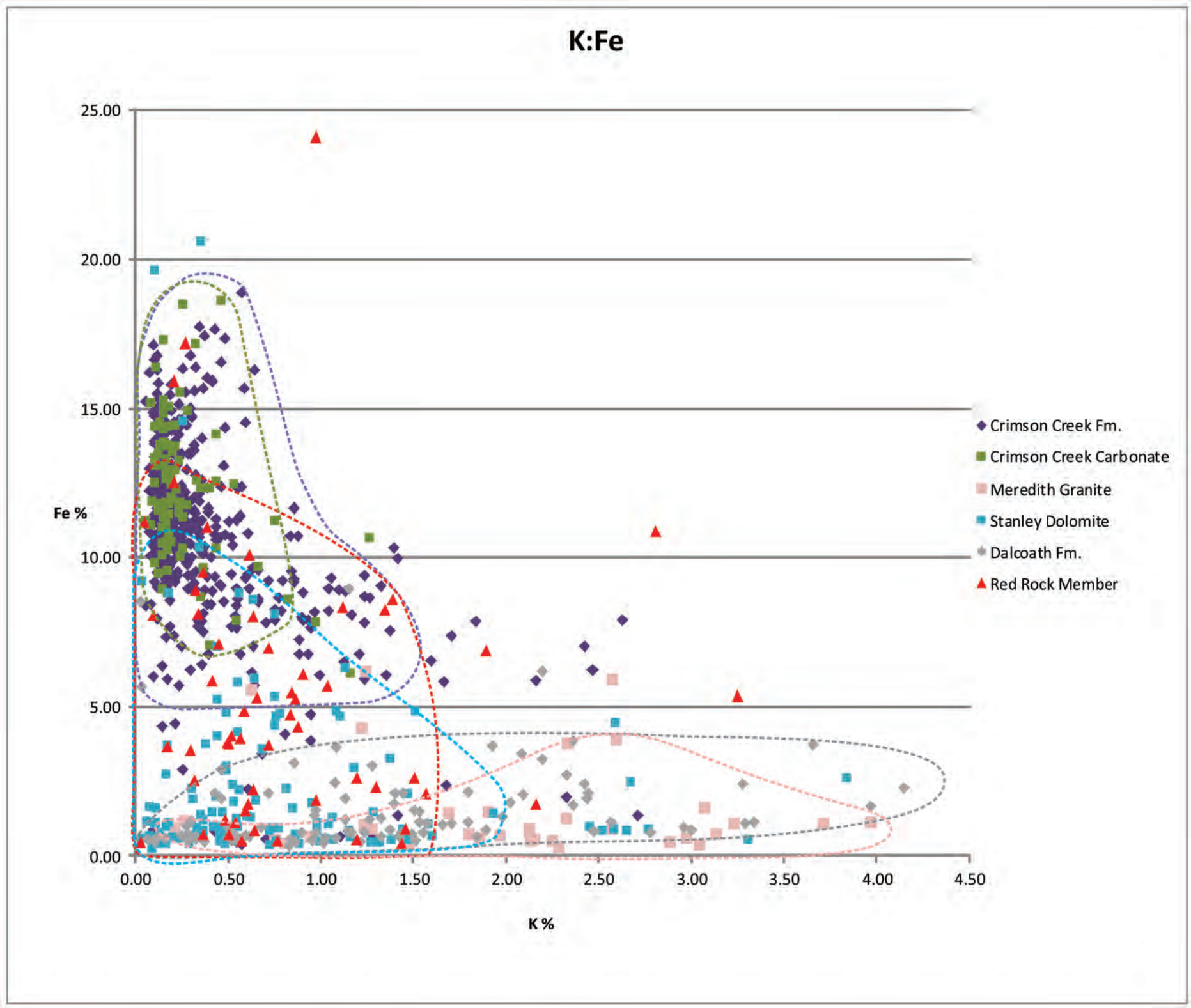
Geochemical soil profiles of the Crimson Creek Fm, Success Creek Gp and Oonah Fm

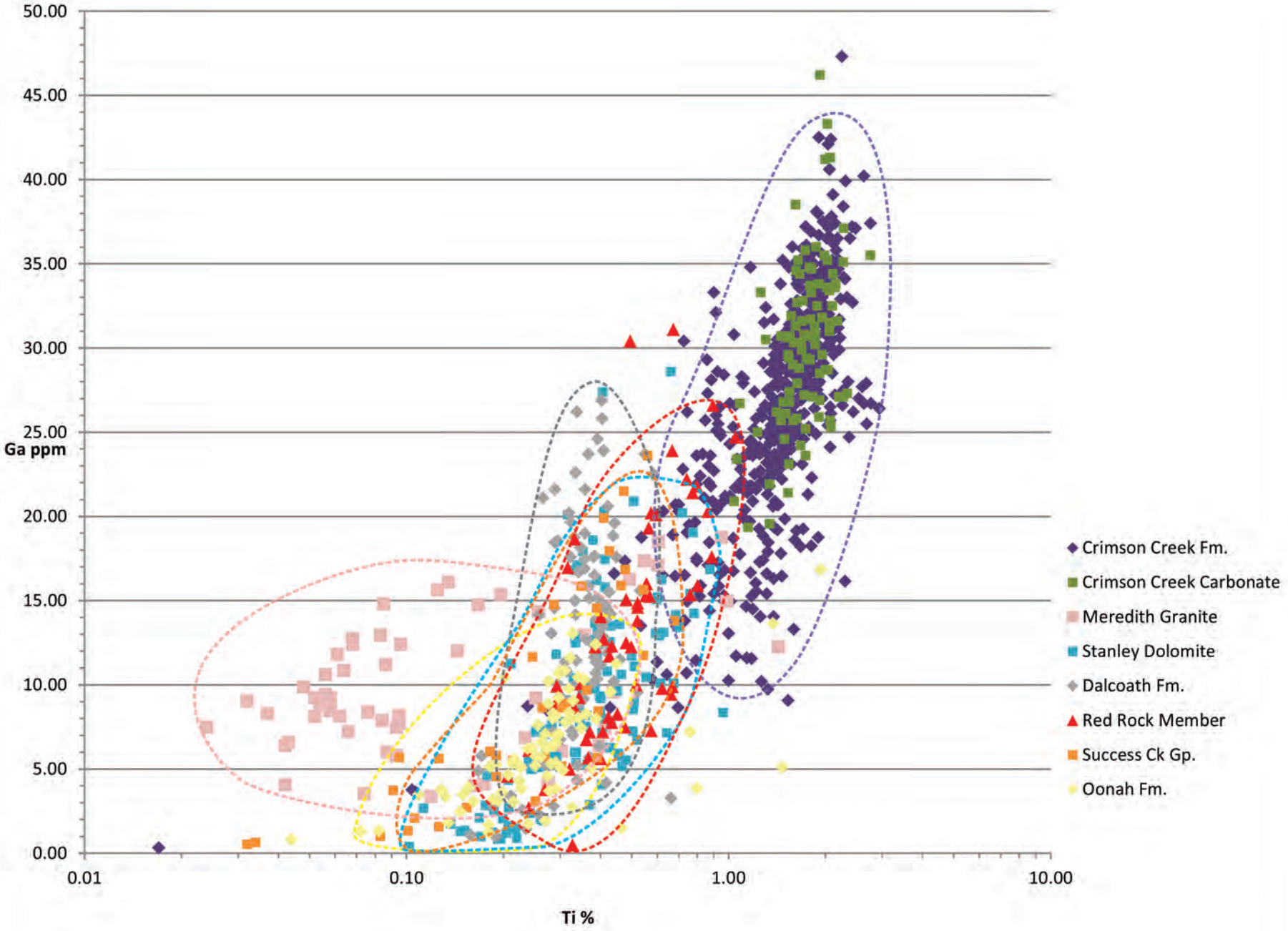

700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
Cr ppm
0.00
50.00
100.00
150.00
200.00
250.00
Ni ppm
Crimson Creek Fm.
Crimson Creek Carbonate
Meredith Granite
Stanley Dolomite
Dalcoath Fm.
Red Rock Member
Success Ck Gp.
Oonah Fm.
Success Creek Gp.

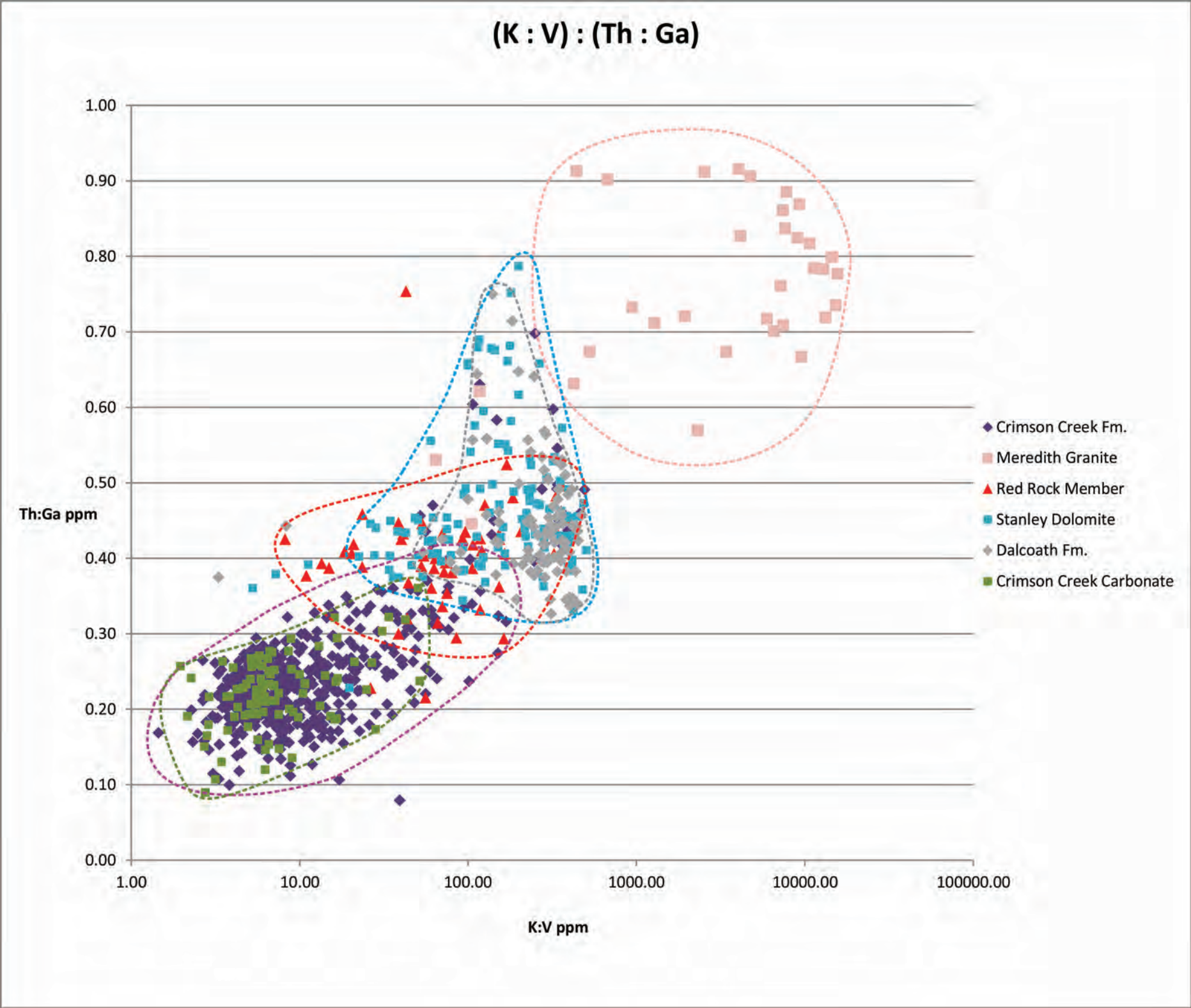

Cr:Zn
350.00
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Zn ppm
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
400.00
Cr ppm
Crimson Creek Fm.
Crimson Creek Carbonate
Stanley Dolomite
Dalcoath Fm.
Red Rock Member
Meredith Granite

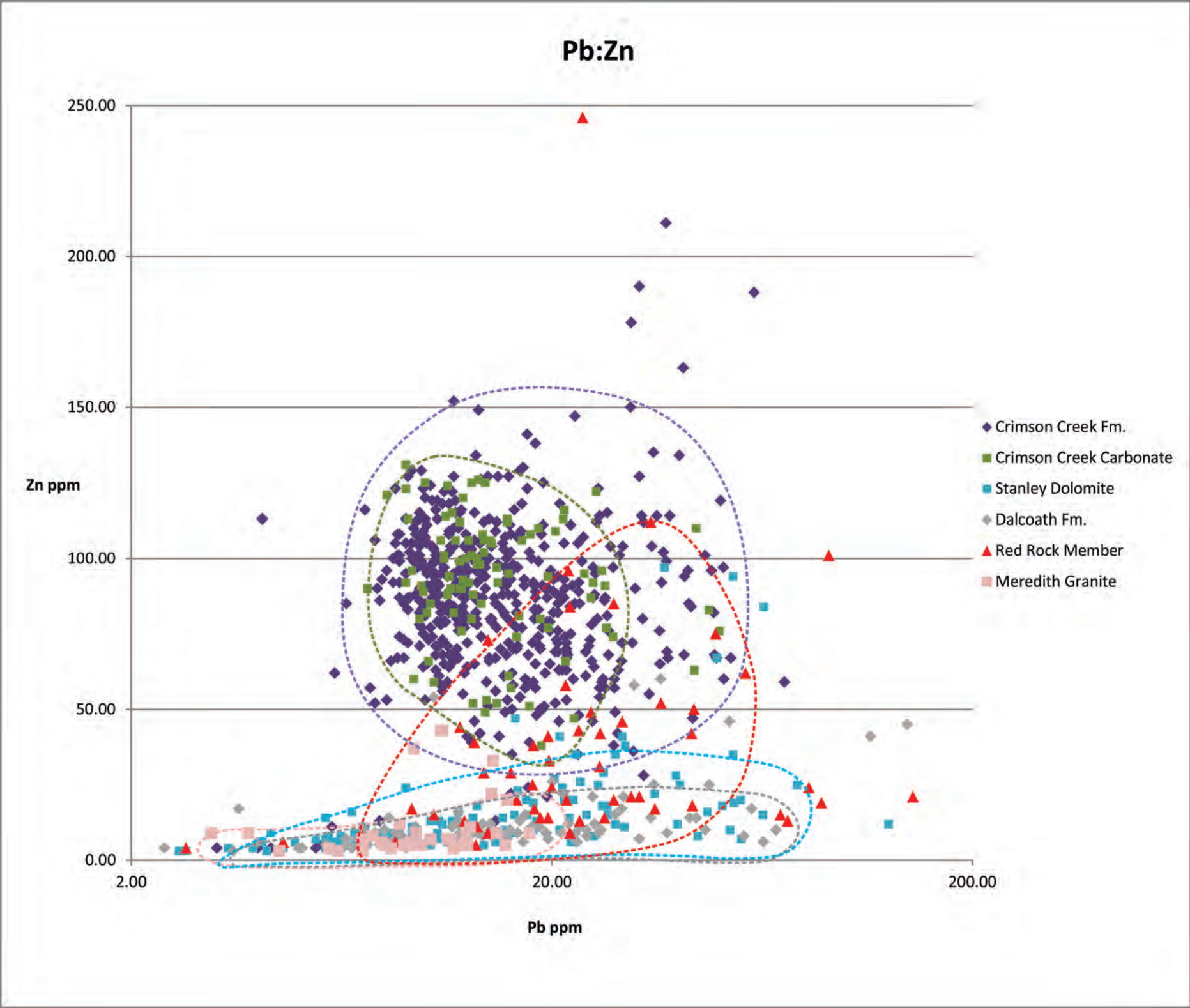
Cu:As

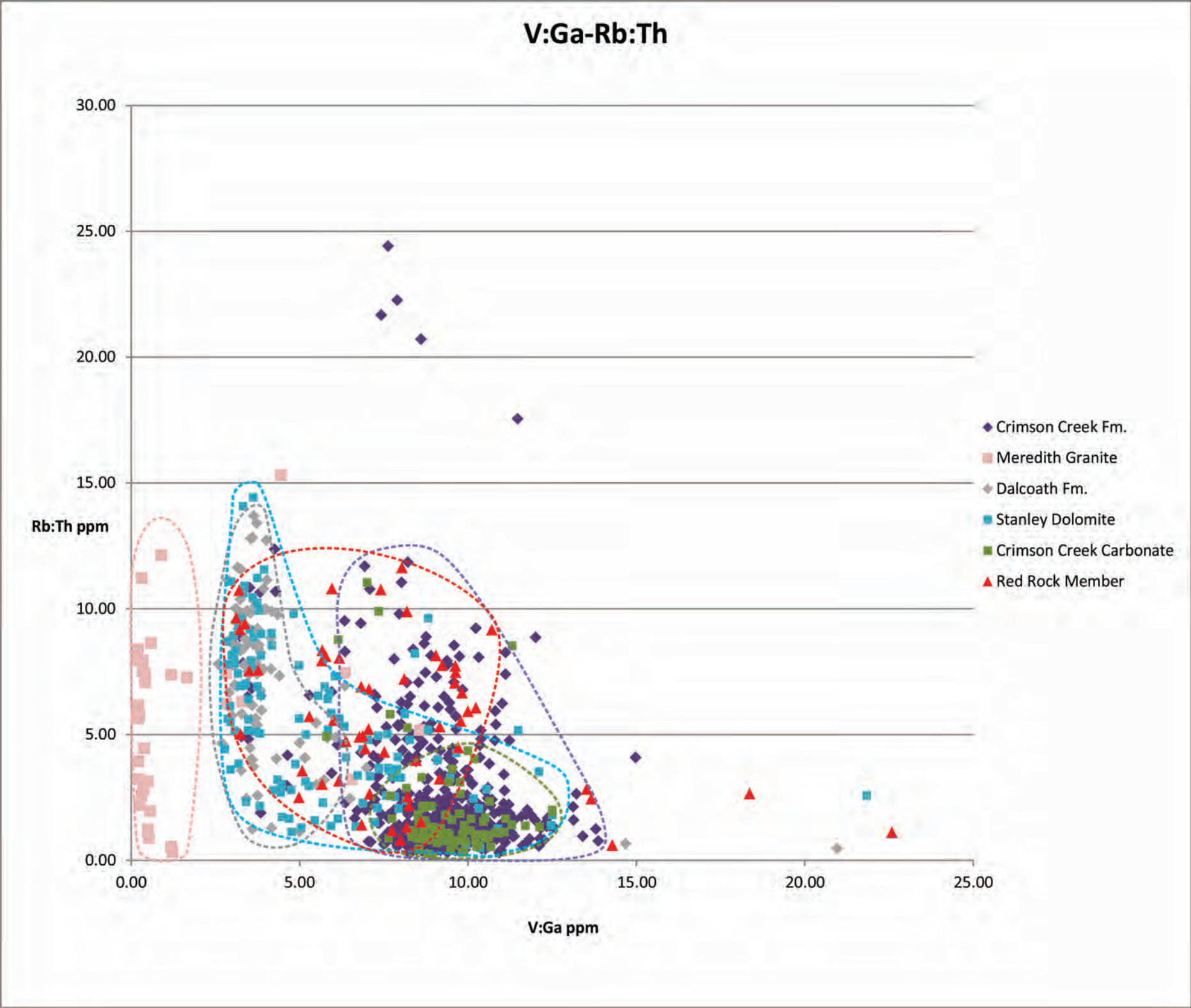

10000.00
1000.00
100.00
10.00
1.00
0.10
As ppm
0.10
1.00
10.00
100.00
1000.00
Cu ppm
Crimson Creek Fm.
Crimson Creek Carbonate
Meredith Granite
Stanley Dolomite
Dalcoath Fm.
Red Rock Member

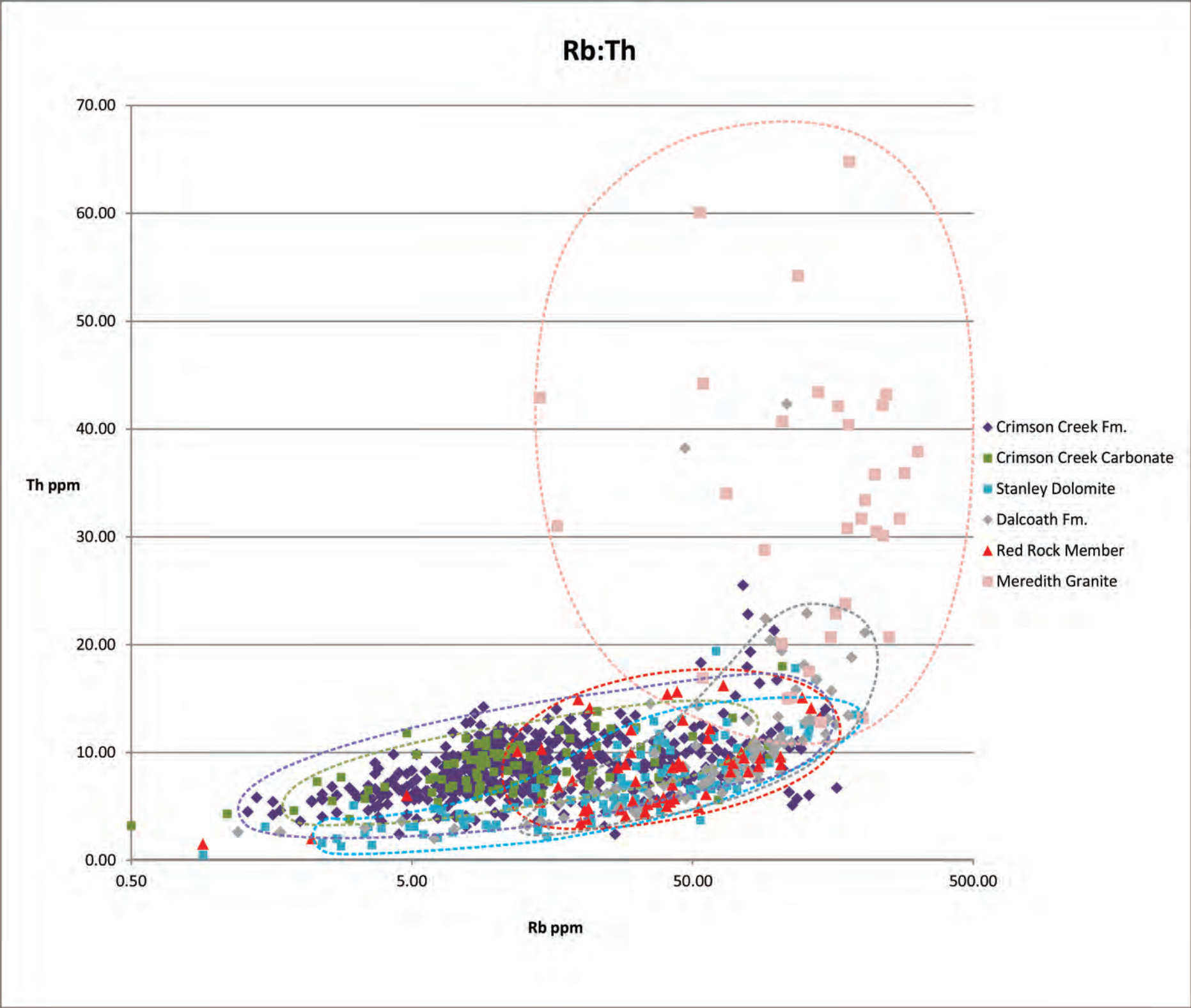

K:Fe
25.00
20.00
15.00
10.00
5.00
0.00
Fe %
0.00
0.50
1.00
1.50
2.00
2.50
3.00
3.50
4.00
4.50
K %
Crimson Creek Fm.
Crimson Creek Carbonate
Meredith Granite
Stanley Dolomite
Dalcoath Fm.
Red Rock Member

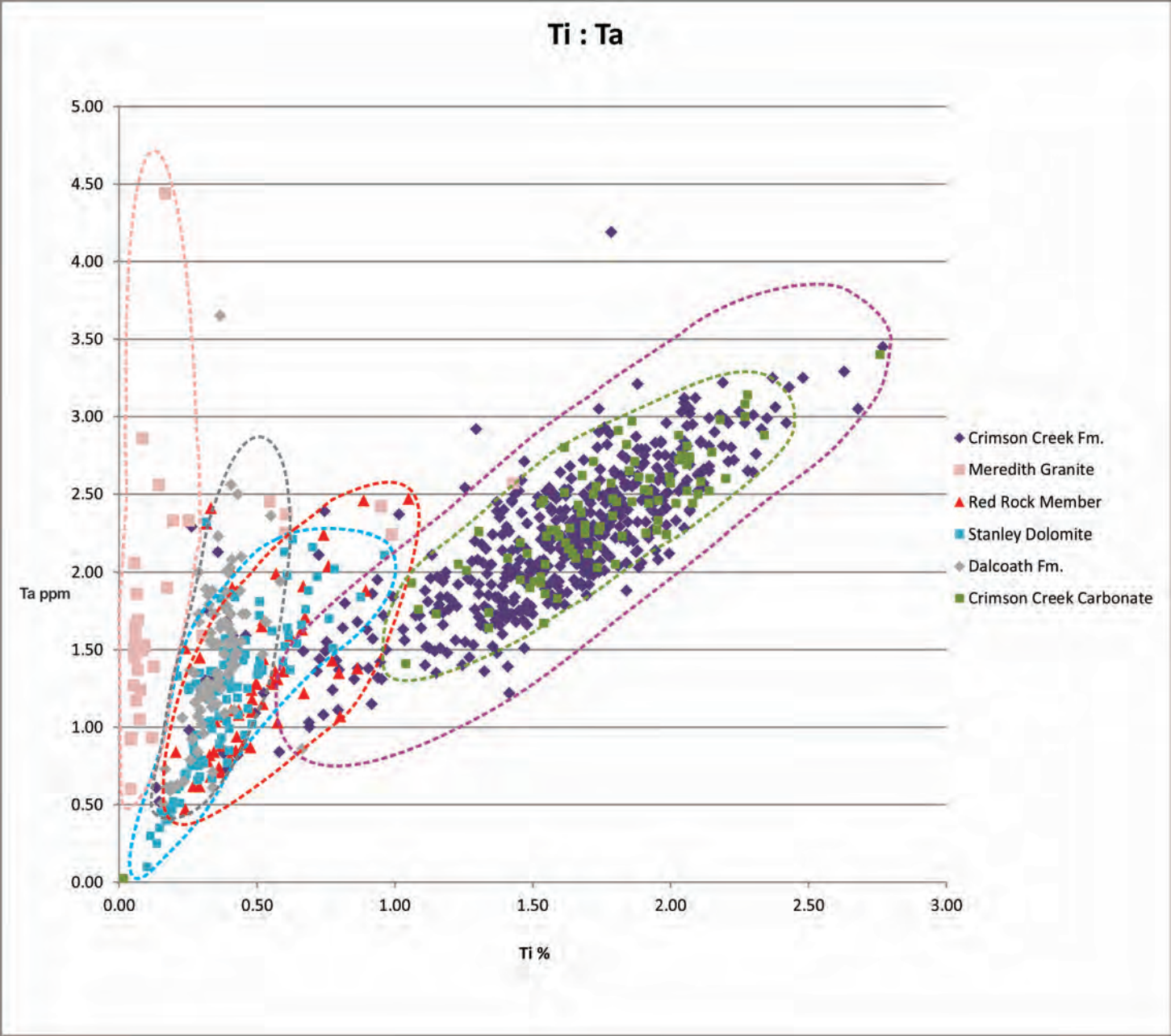

50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Ga ppm
0.01
0.10
1.00
10.00
Ti %
Crimson Creek Fm.
Crimson Creek Carbonate
Meredith Granite
Stanley Dolomite
Dalcoath Fm.
Red Rock Member
Success Ck Gp.
Oonah Fm.

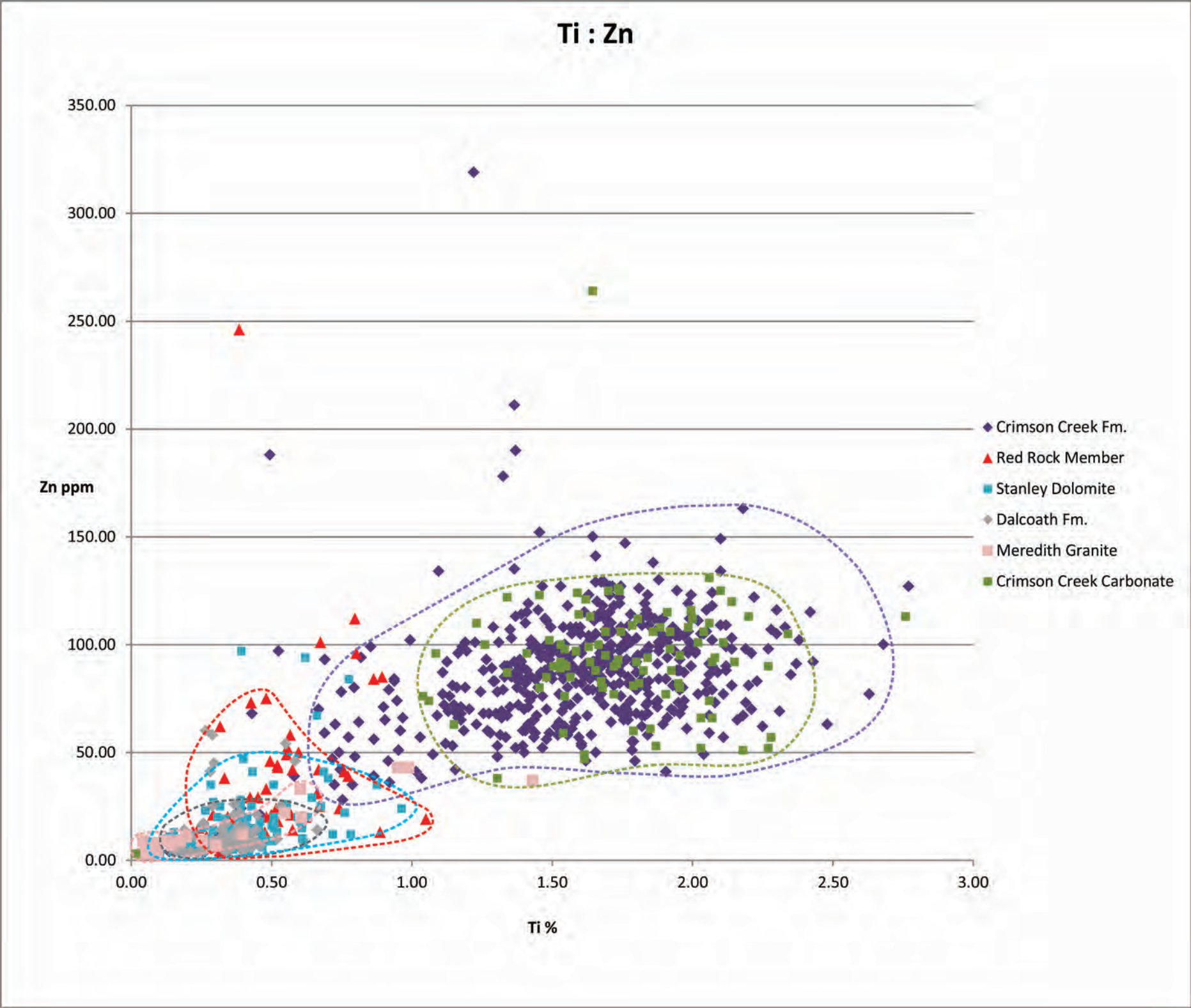

(K : V) : (Th : Ga)
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Th:Ga ppm
1.00
10.00
100.00
1000.00
10000.00
100000.00
K:V ppm
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Crimson Creek Carbonate


Pb:Zn
250.00
200.00
150.00
100.00
50.00
0.00
Zn ppm
2.00
20.00
200.00
Pb ppm
Crimson Creek Fm.
Crimson Creek Carbonate
Stanley Dolomite
Dalcoath Fm.
Red Rock Member
Meredith Granite

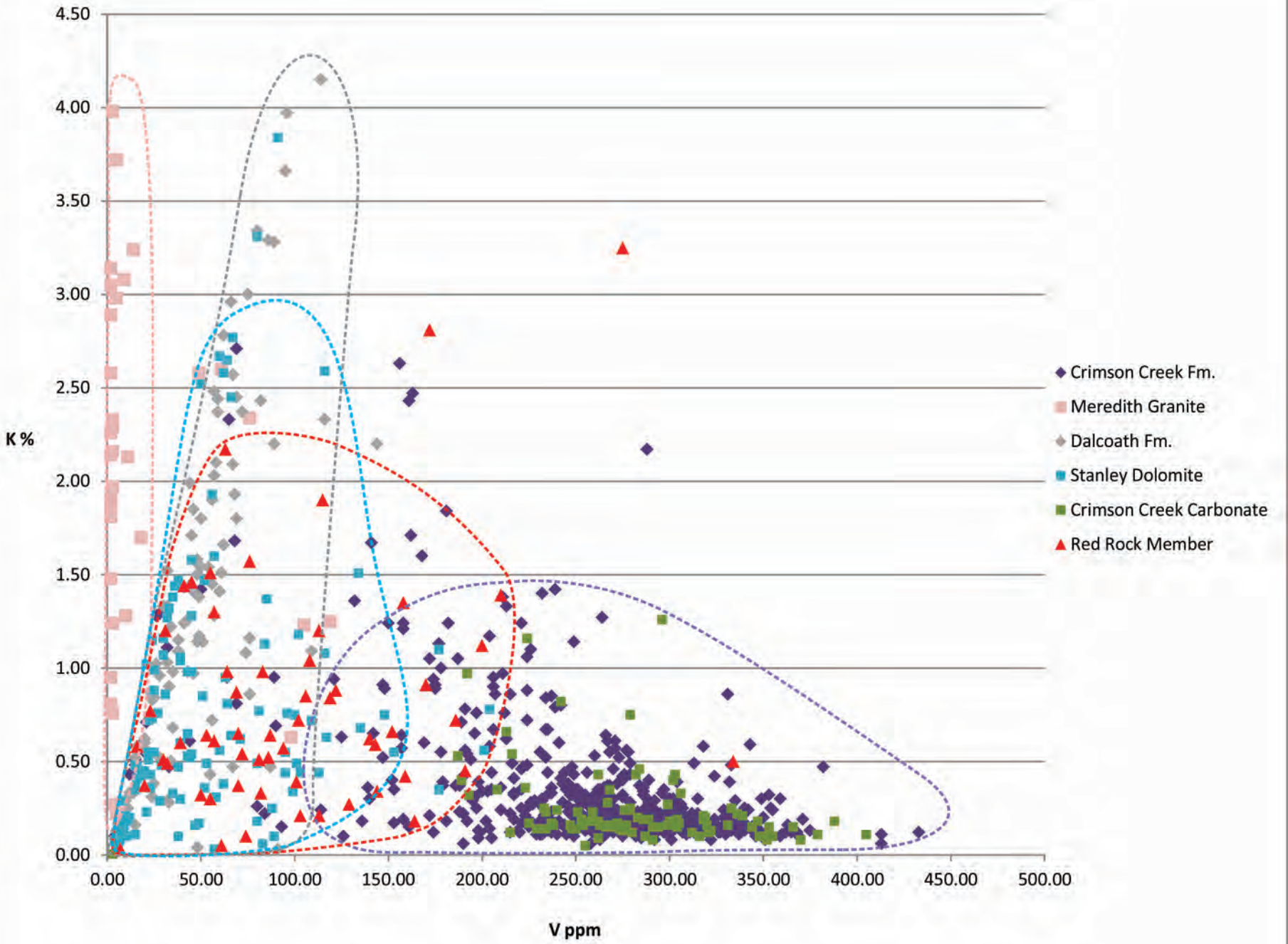

V:Ga-Rb:Th
30.00
25.00
20.00
15.00
10.00
5.00
0.00
Rb:Th ppm
0.00
5.00
10.00
15.00
20.00
25.00
V:Ga ppm
Crimson Creek Fm.
Meredith Granite
Dalcoath Fm.
Stanley Dolomite
Crimson Creek Carbonate
Red Rock Member

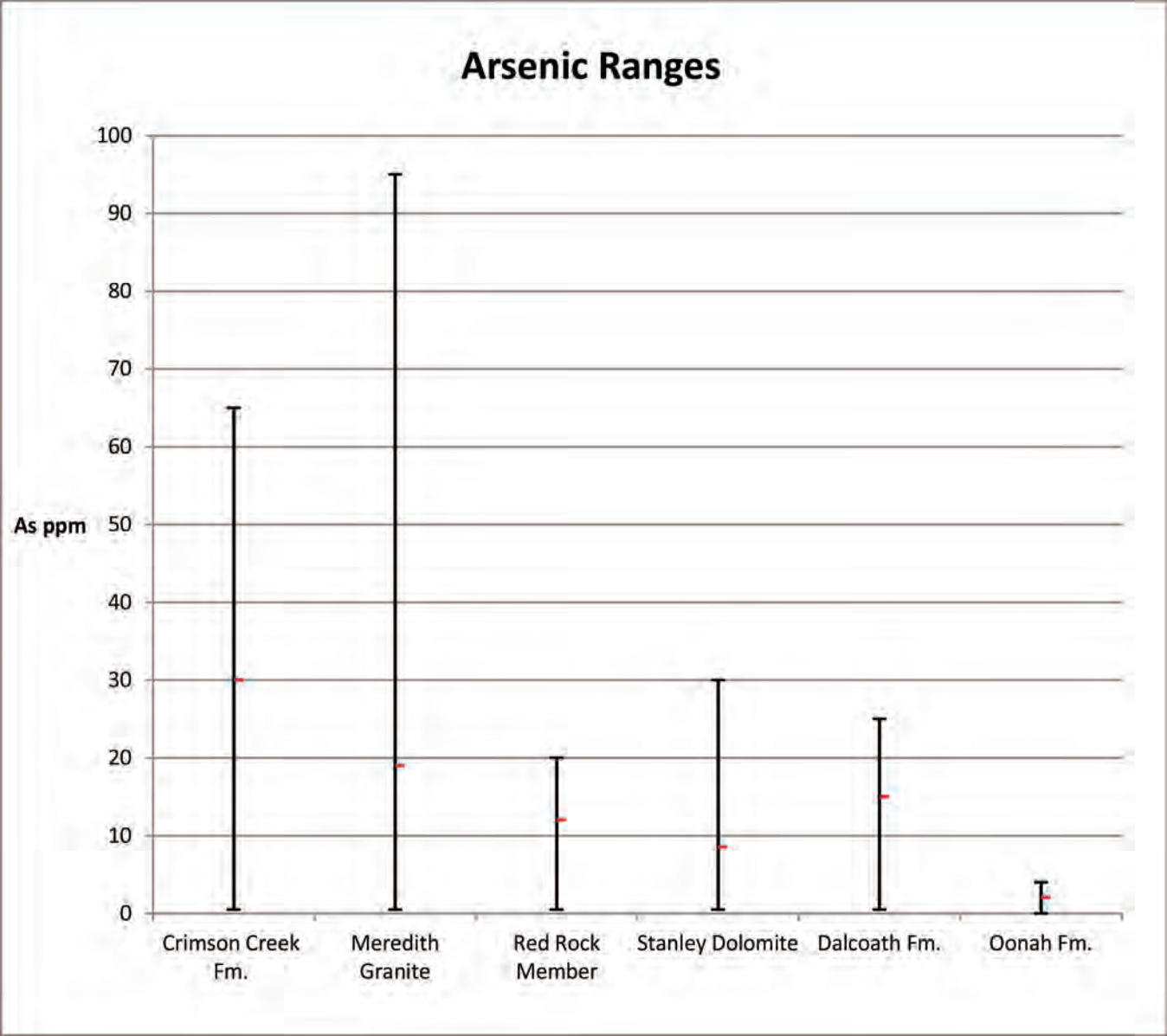

Rb:Th
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Th ppm
0.50
5.00
50.00
500.00
Rb ppm
Crimson Creek Fm.
Crimson Creek Carbonate
Stanley Dolomite
Dalcoath Fm.
Red Rock Member
Meredith Granite

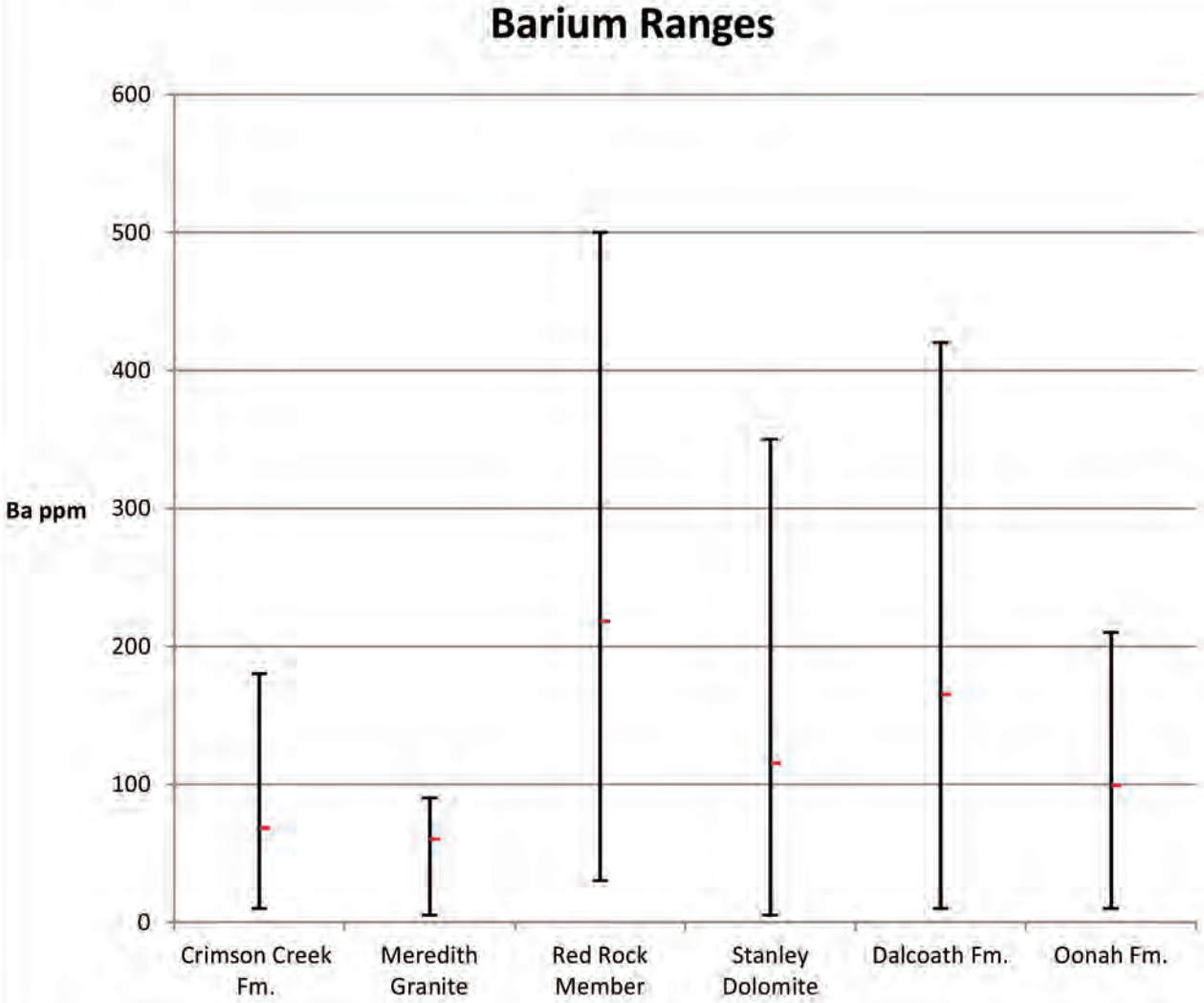

Ti : Ta
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
Ta ppm
0.00
0.50
1.00
1.50
2.00
2.50
3.00
Ti %
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Crimson Creek Carbonate

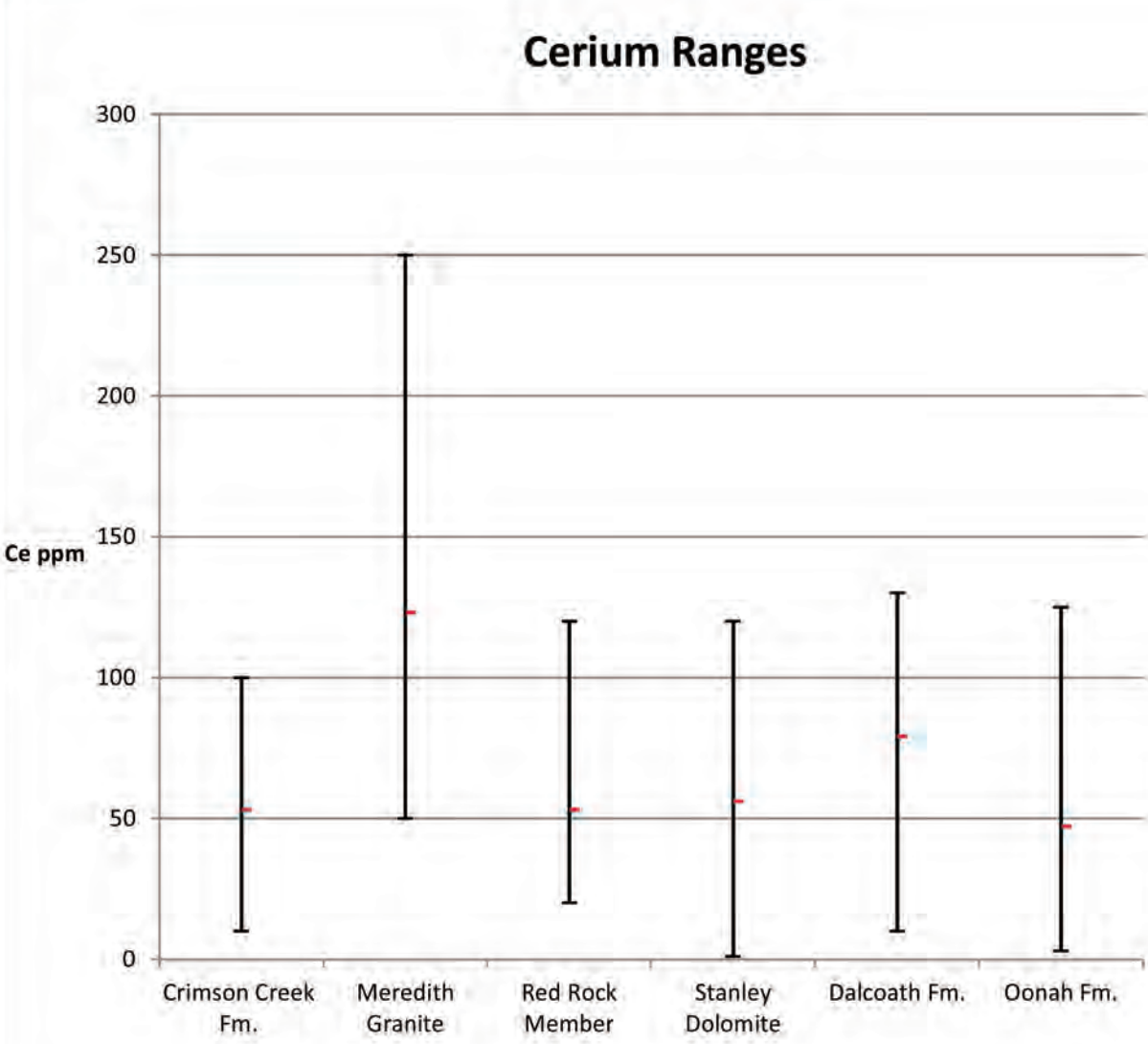

Ti : Zn
350.00
300.00
250.00
200.00
150.00
100.00
50.00
0.00
Zn ppm
0.00
0.50
1.00
1.50
2.00
2.50
3.00
Ti %
Crimson Creek Fm.
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Meredith Granite
Crimson Creek Carbonate

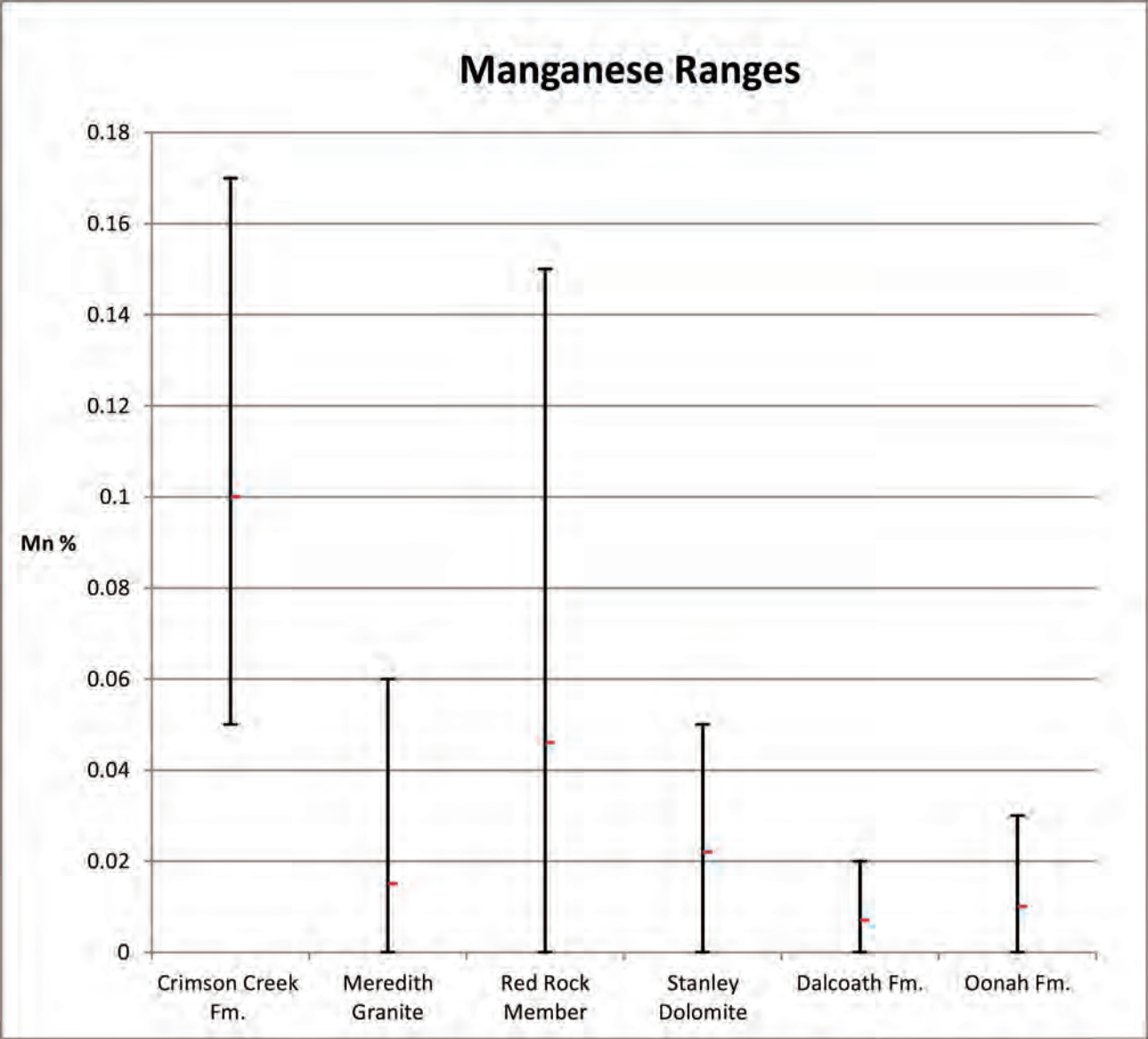
V:K

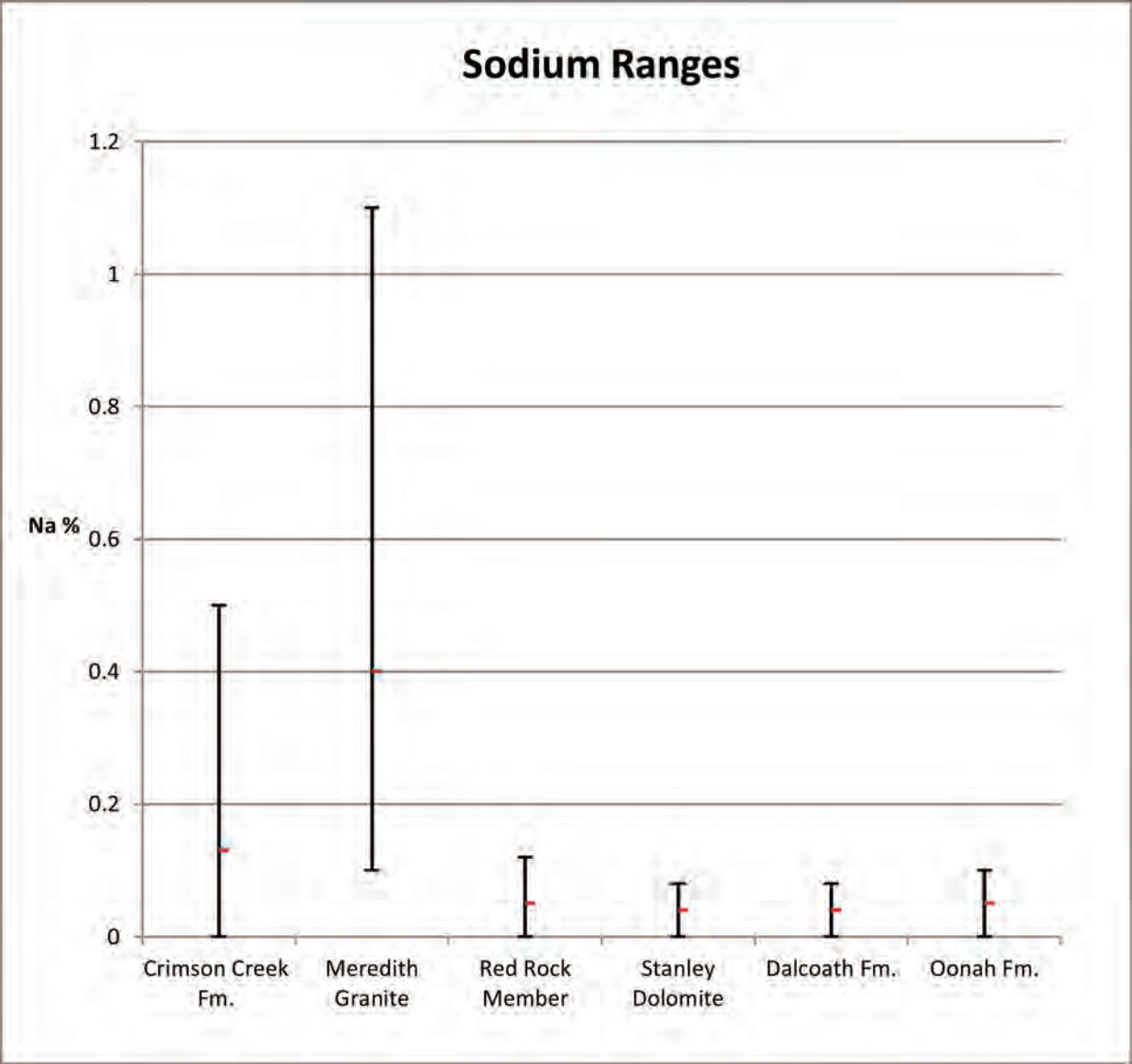

4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
K %
0.00
50.00
100.00
150.00
200.00
250.00
300.00
350.00
400.00
450.00
500.00
V ppm
Crimson Creek Fm.
Meredith Granite
Dalcoath Fm.
Stanley Dolomite
Crimson Creek Carbonate
Red Rock Member

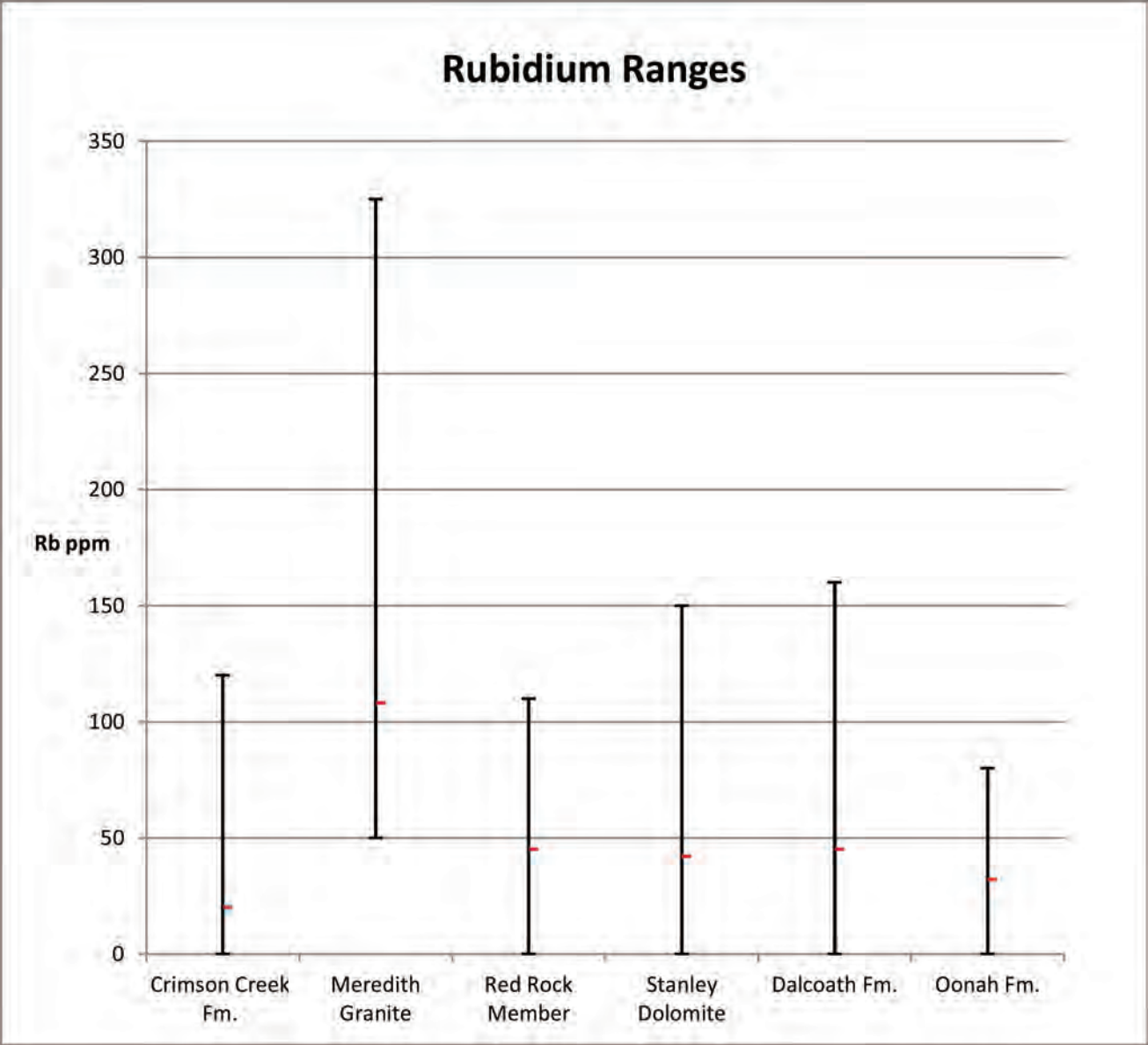

Arsenic Ranges
As ppm
100
90
80
70
60
50
40
30
20
10
0
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.

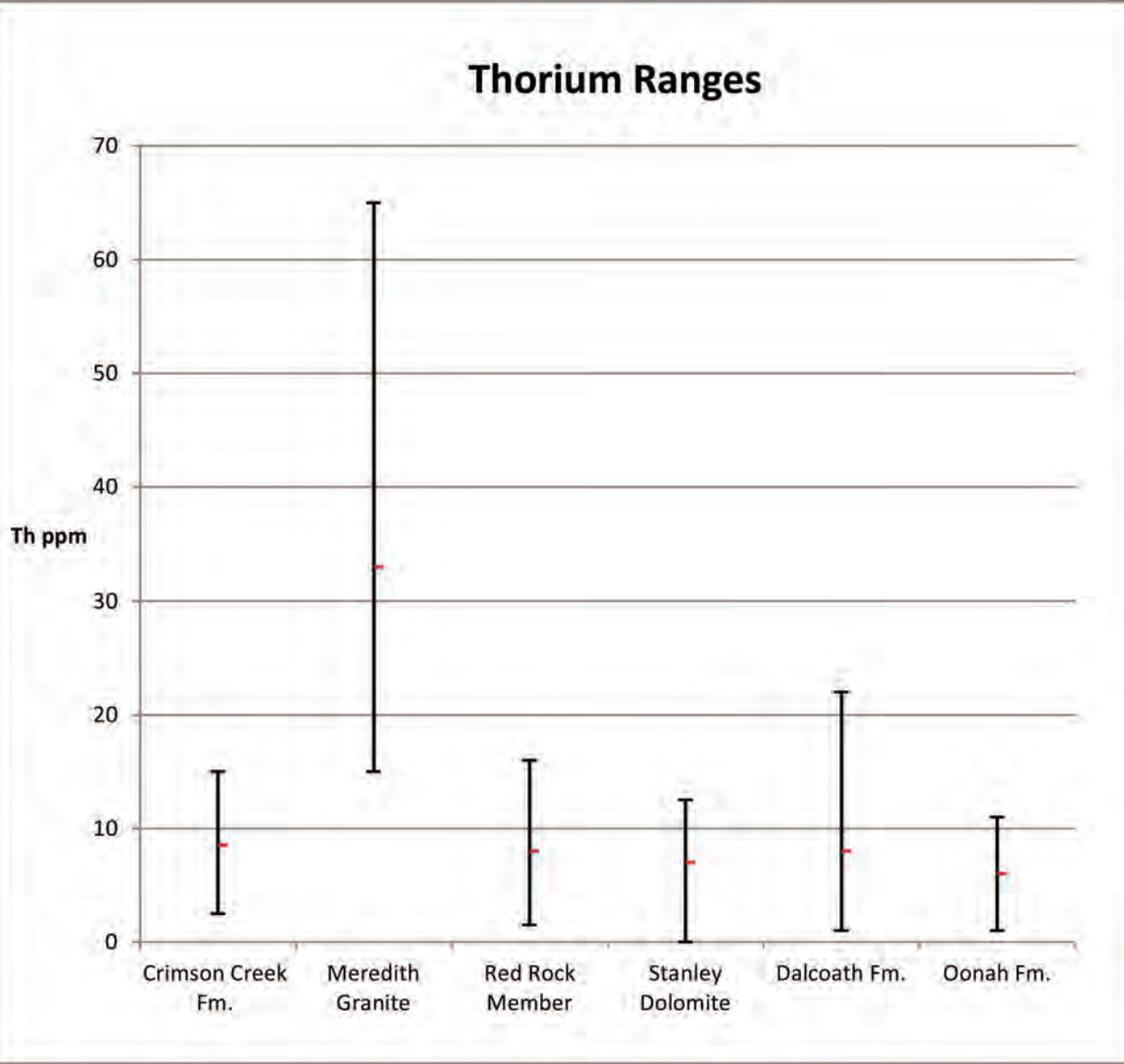

Barium Ranges
600
500
400
300
200
100
0
Ba ppm
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.

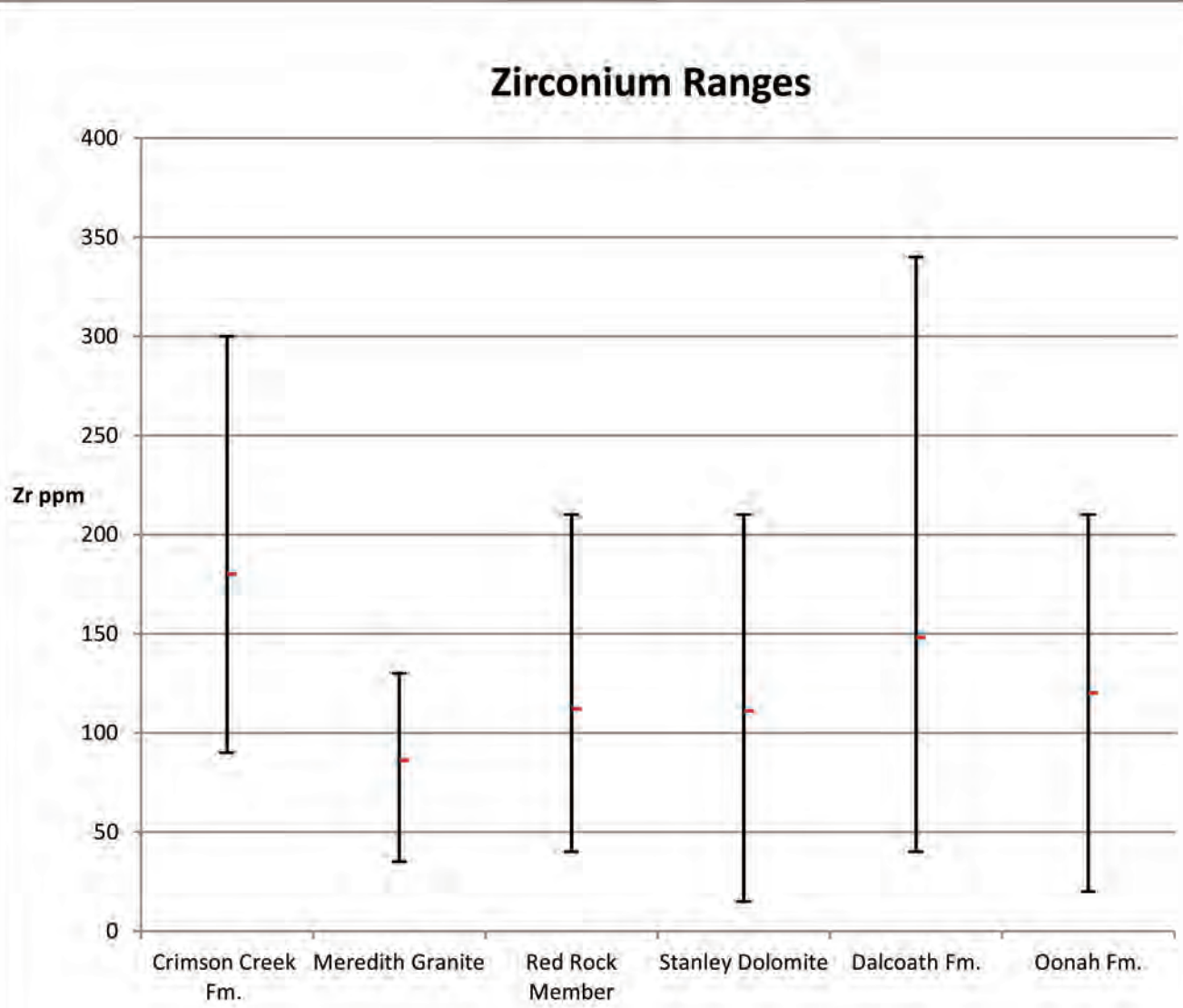

Cerium Ranges
Ce ppm
300
250
200
150
100
50
0
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.


Manganese Ranges
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Mn %
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.


Sodium Ranges
Na %
1.2
1
0.8
0.6
0.4
0.2
0
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.


Rubidium Ranges
350
300
250
200
Rb ppm
150
100
50
0
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.


Thorium Ranges
70
60
50
40
30
20
10
0
Th ppm
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.


Zirconium Ranges
400
350
300
250
200
150
100
50
0
Zr ppm
Crimson Creek Fm.
Meredith Granite
Red Rock Member
Stanley Dolomite
Dalcoath Fm.
Oonah Fm.