A Geochemical Report on the KRYPTOS Property

submitted as Representation Work

on the following quartz claims

Work performed on:

KRYPTOS 5-60

YE90211-YE90266

Work applied to all KRYPTOS claims listed below:

KRYPTOS 1-14	**KRYPTOS 15-60**
YE90207-YE90220	YE90221-YE90266
Dawson Mining District	**Mayo Mining District**

Owner: Gordon Richards

Location

115P/01 & 02

Camp on claims at

UTM 424,440E, 7,005,215N, Elev 755 m

NAD 83, UTM Zone 8

Field work performed by

Gordon Richards & Jeff Mieras

During the period June 16 to 22, July 1, 2017

Report written by Gordon Richards

October 1, 2017

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INTRODUCTION.

The general area of the KRYPTOS claims was prospected with the aid of YMEP grants awarded to G Richards in 2016 and to Jeff Mieras in 2017. The property is located on gentle to moderate slopes across the Klondyke Highway about 25 km south Stewart Crossing within NTS map sheets 115P01 & 02. Access was made by vehicle to a camp shown on Figures 5 to 21 and then by traverses from the Klondyke Highway except for the easternmost portion of the property where a single helicopter drop-off was used.

The geology of the area has been described on Canadian Geoscience Map 7 of southwestern McQuesten and parts of northern Carmacks by Ryan, J.J., Colpron, M., and Hayward, N., 2010. Figure 3. The area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith that is a weakly Kspar-porphyritic, medium-grained granite to quartz monzonite intruding its own volcanic pile in the west portion of the claims in contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims. Loess, about 25 cm thick, blankets most slopes. The claims lie entirely within Reid glaciated terrain with the possible occurrence of pre-Reid glaciated terrain along ridge tops. Figure 4.

Regional Geochemical Data (RGS) is available and provides geochemical data for numerous elements of stream sediments collected throughout the area including three creeks draining the general area of the claims. Figures 5-21. The RGS samples were collected in 1986 (OF 1650) and re-analyzed in 2011 using

more sophisticated analytical techniques and released in Open File 2012-09. Geochemical data from 278 selected samples that are lying only within the pre-Reid glaciated area within Yukon Tanana Terrain on NTS 115P were used to recalculate thresholds for 70th, 80th, 90th, 95th and 98th percentiles for a number of elements. It was believed that this data would provide a more representative data-set on which to evaluate exploration potential for the area. The claims lie a few km east of the area of recalculated thresholds. Using these recalculated threshold values, anomalous results for Cu, Au and other elements were seen to occur in two RGS samples, one draining the claims area (RGS 3230) and one draining a valley to the south of the claims (RGS 3231). A third RGS sample (RGS 3288) is located down-ice from the claims and contained anomalous Mo and Sb. A fourth RGS sample (RGS 3229) draining the same valley south of the claims as RGS 3229 contained no anomalous values. Refer to Figures 5 to 21 for location of these samples and their results.

In 2017 the KRYPTOS 1-60 claims were staked June 12 to 14 and recorded June 14 to cover known anomalous zones identified from the 2016 work and their extensions. A MMI soil and black spruce twig sampling prospecting program was undertaken on the claims June 16 to 22 and July 1, 2017 to define the extent of known geochemically anomalous zones and search for additional targets. Results of that work form the basis of this report and are used to extend expiry dates of the claims.

Results of the field work were successful in defining four pronounced multi-element anomalous zones in the MMI soil results that have porphyry geochemical signatures. The largest measures 1600m long by 300 to 500m wide and crosses the Klondyke Highway. Other zones measure 600m by 600m, 900m by 300m and 900m by 500m open to the north. All of these zones are characterized by MMI samples having high response ratios for Cu, Ni and U. Response ratios for Au are high in over half the samples within the Cu zones. A few high Mo response ratios occur in samples within two of the Cu zones. High Pb response ratios occur in samples peripheral to the Cu zones. Ti has consistently low response ratios from samples within the Cu zones possibly due to destruction of illmenite by hydrothermal alteration associated with porphyry mineralization. Several other elements have low response ratios within the Cu zone as well.

A poorly defined new zone of anomalous metal values occurs in the southeastern third of the claims. It is characterized by consistently very high response ratios for As, Sb, W, and Mn and numerous high response ratios for Au, Bi, Tl, Fe, Zn, Ti and Cs. Bedrock throughout this zone may be metasediments as one outcrop of micaceous quartzite was noted during the soil sampling and the area is roughly within the area of metasediments described in Geoscience Map 7

Recommended work includes a mobile auger or percussion drilling program designed to collect rock samples underlying the porphyry targets to determine the cause of the Cu-Au-Ni-U geochemical anomalies. Additional prospecting is also recommended in the new zone within the metasediments.

HISTORY.

Previous exploration activity occurred in the 1980's by a Mr Jim Carson with the staking of both quartz and placer claims. All previous claims known to have been staked are shown on Figures 5 to 21 with their dates of staking. No placer production was recorded or evident along the creek that was staked. Only minimal hand trenching was recorded. All of this hand trenching was on narrow quartz veins within schist and micaceous quartzites of the Finlayson Assemblage done north and east of the KRYPTOS claim block along steep slopes into Crooked Creek. Work is summarized in Minfile Report 115P 038. Assessment Report 019539 provides some detail to the sampling. Samples submitted by Carson report grades up to 0.36 oz/T Au from selected samples but reports by personnel working for Curragh Resources, Erickson Gold Mining Corp., and Noranda Exploration Company, Limited all reported no gold from samples collected over greater widths. One claim block, the FIREDEVIL staked in 1987 covers the biggest porphyry target defined by the present survey although no outcrop is known to exist in this area.

Work in 2016 by the writer and funded by YMEP located five poorly defined patterns of strong multi-element geochemical anomalies in MMI soil samples with porphyry mineralization signatures. Work in 2017 was designed to find the limits of these anomalous zones and search for additional ones. Previous work funded by YMIP and YMEP over the past six years by the writer and his assistant, Jeff

Mieras, within the Reid Lakes Batholith has been successful in defining about ten geochemical targets based on MMI soil samples and to a lesser degree black spruce twig samples all with very similar porphyry signatures.

In 2017 the KRYPTOS 1-60 claims were staked June 12 to 14 and recorded June 14 over the proposed sampling area. Following staking from June 16 to 22 and July 1 a MMI and black spruce twig sampling program was undertaken over the claims and forms the basis of this report.

CLAIMS.

Table 1 is a list of all claims forming the property. The claims lie in the Mayo and Dawson Mining District with the Klondyke Highway forming the boundary. The Registered Owner is Gordon G Richards. The work described in this report was funded largely by YMEP grant 17-001 awarded to Jeff Mieras. A few additional costs were paid for by Richards.

Table 1. Claim Status

Claim Name	Grant No.	Expiry Date	Mining District
KRYPTOS 1-14	YE90207-YE90220	2018/06/15	Dawson
KRYPTOS 15-60	YE90221-YE90266	2018/06/14	Mayo

Certificate of Work to be filed on all of the KRYPTOS claims based on work described in this report.

Apply 3 years work to all 60 claims. New expiry dates: 2022/06/14 & 15.

GEOLOGY.

Bedrock geology is best described on Canadian Geoscience Map 7 of *Southwestern McQuesten and Parts of Northern Carmacks* by Ryan, J.J., Colpron, M., and Hayward, N., 2010. See Figures 3 and 4. The claims area is shown on that map to be underlain by the Early Mississippian aged Reid Lakes Batholith in the west portion of the claims in fault contact with metasedimentary rocks of the Finlayson Assemblage (?) in the east portion of the claims.

The Reid Lakes Batholith is an 80 km long unmetamorphosed Early Mississippian aged batholith that intrudes its own volcanic pile. It is a weakly

Kspar-porphyritic, medium-grained granite to quartz monzonite. Two outcrops of the batholith occur at the northwest side of the claims but were not examined by the writer.

The Finlayson Assemblage is a Late Devonian to Early Mississippian metavolcanic and metasedimentary assemblage. The metasediments such as occur on the property are described as carbonaceous quartzite to mica-quartz schist, black to white quartzite, with schist and garnet schist interlayers; and rare black phyllite, possibly equivalent to Nasina Formation, or simply a carbonaceous member of the Snowcap Assemblage. Two closely spaced outcrops of the metasedimentary rocks were located along the most north-easterly sample line. They were both dark grey micaceous quartzite.

Glaciation in the area of the property is described as Reid in age on several government maps although pre-Reid glaciation may have occurred on ridge tops north and south of the claims. Pre-Reid glaciation is possibly older than 500,000 years (Jeff Bond, personal communication, 2012). Reid glaciation began 200,000 years ago and ended about 50,000 years ago. Younger McConnell Glaciation ended about 20,000 years ago. Jeffrey Bond and Panya Lipovsky of the Yukon Geological Survey have recently provided a number of papers, maps and posters on the surficial geology of the pre-Reid glaciated area with descriptions related to exploration.

Uppermost soil is an organic soil from almost absent to less than one cm thick on dryer slopes and in excess of 10 cm thick over gentle poorly drained slopes. Loess occurs on all slopes, generally about 20 to 30 cm thick beneath the organic soil. This loess is believed to have formed in late stages or soon after the end of McConnell Glaciation. A few subround to round pebbles do occur in the loess and have probably worked themselves up into the loess from underlying till.

Till is commonly found beneath the loess containing well rounded cobbles and smaller rocks of foreign origin.

		ALL IN		KRYPTOS	
			man days		man days
Date	Activity	man days	post recording	man days	post recording
Jun 8	bought supplies Whx	1		1	
Jun 9	Drove Mayo, staking plans	2			
Jun 10	wrote up 96 claim tags, bought food	1		1	
Jun 11	Dropped posts, staked ALL IN claims	2			
Jun 12	Staked KRYPTOS claims			2	
Jun 13	Staked KRYPTOS claims			2	
Jun 14	Staked KRYPTOS claims,record Mayo			1	
Jun 15	Record Dawson, bought food, drove to Kryptos camp.			1	
Jun 16	Sampled Kryptos				2
Jun 17	Sampled Kryptos				2
Jun 18	Sampled Kryptos				2
Jun 19	Sampled Kryptos				2
Jun 20	Sampled Kryptos				2
Jun 21	Sampled Kryptos				2
Jun 22	Sampled Kryptos				2
Jun 23	Drove Mayo, bought food, organize heli		2		
Jun 24	Heli to ALL IN claims, begin sampling		2		
Jun 25	Sampled ALL IN		2		
Jun 26	Sampled ALL IN		2		
Jun 27	Sampled ALL IN		2		
Jun 28	Sampled ALL IN		2		
Jun 29	Sampled ALL IN		2		
Jun 30	Sampled ALL IN		2		
Jul 1	Demob ALL IN, Drop off sampling Kryptos				2
Jul 2	drove Whs, sorted samples, dried out				2
Jul 3	Ship samples, returned gear, stored camp gear		2		
		3 days	9 days	4 days	9 days
	Of the 9 days on the ALL IN claims all 9 days were spent on the claims				
	Of the 9 days on the KRYPTOS claims, Richards spent 7 days and Mieras spent 6 days.				

Table 1.5 Record of time spent on BENT (ALL IN claims) and KRYPTOS (KRYPTOS claims) Projects of G Richards and J Mieras in 2017.

GEOCHEMICAL SURVEY.

SURVEY METHODS.

General.

J. Mieras and G. Richards drove from Mayo to the project area on June 12 and staked the KRYPTOS quartz claims by noon of June 14. They drove to Mayo to record those claims lying within the Mayo Mining District in the afternoon of June 14 and then drove to Dawson to record those claims lying within the Dawson Mining District the following morning, June 15. They bought food in Dawson and returned to the KRYPTOS claims to set up a camp for the field work. They collected MMI soil and black spruce twig samples June 16 to 22. They were dropped by helicopter on July 1 at the east edge of the claims to complete the sampling and walk out to the highway and drive to Whitehorse. On July 2 they sorted samples for shipping, sorted camp gear for storage, and returned some rented items. Eight days were spent by Richards and Mieras up to recording the KRYPTOS 1-60 claims.

Sixteen man days were spent collecting samples on the project by Mieras and Richards from June 16 to June 22 collecting 285 MMI soil samples and 22 black spruce twig samples. Of these sixteen man days **six man days were spent on the claims by Richards and five by Mieras collecting 170 MMI soil samples and 15 black spruce twig samples.** 115 MMI soil samples and 7 black spruce twig samples were collected off the claims. One day (two man days) was spent on demobilization from the property.

Four sample series are shown on Figures 5 to 21. “C” and “T” sample series were collected in 2016; “R” and “K” sample series were collected in 2017. The 2017 sampling program was conducted across the KRYPTOS claims to find the limits of five zones of anomalous samples identified in 2016 that had porphyry signatures. Work was also done off the claims to look for additional geochemical targets. Sampling was designed to provide a 100 m sample interval along sample lines spaced about 300 m apart. Considerable latitude was exercised in the field to allow wandering away from selected sites in order to find sites suitable for MMI sampling as this method was considered preferable to black spruce twig

sampling and shallow permafrost hindered collection of MMI samples at some sites.

All geochemical results are provided in digital form with NAD 83 Zone 8 UTM co-ordinates provided for all samples. Response ratios calculated for selected elements of all MMI samples are provided in Table 2. Values of all twig samples for selected elements are provided in Table 3. Twig samples were only collected where MMI soil samples could not be collected due to thick organic cover with underlying frost.

MMI Soil Sampling.

MMI analysis uses a weak partial extraction to improve the conventional geochemical response over buried ore deposits. The process measures the mobile metal ions from mineralization, which have moved toward the surface and are loosely attached to the surfaces of soil particles. Its effectiveness has been documented in over 1000 case histories on six continents and includes numerous commercial successes. The anomalies are sharply bounded and in most cases directly overlie and define the extent of the surface projection of buried primary mineralized zones. The MMI process is a proprietary method developed by Wamtech of Australia. SGS Minerals Services in Toronto purchased all rights to the method and provides analyses in Canada.

Watch and ring were removed prior to sampling. Pits were dug by shovel to a depth of 30 cm in order to expose the soil profile for sampling. The profile was scraped clean with a plastic scoop to remove any metal effect from the digging shovel. A continuous strip of soil was collected by plastic scoop over the interval of 10 to 20 cm below the top of true soil, placed in a pre-numbered zip lock baggie and placed in an 11 inch by 20 inch 2 mil plastic bag. Loess was present at nearly all sample sites and was the sample medium for most samples with a minor contribution from underlying till in some samples. Samples were kept cool until they were shipped to SGS Minerals Services in Vancouver for analyses.

In the SGS Lab, samples are not dried or prepared in any way. The MMI process includes analyses of an unscreened 50-g sample using multi-component extractants. Metals are determined by ICP-MS in the parts per billion range.

Response Ratios were calculated for Cu, Mo, Au, Ag, Pb, Zn, Ni, U, and Ti as the usual suite of elements in evaluating porphyry targets in the Reid Lakes Batholith. Response ratios were also calculated for As, Sb, Bi, Ca, Mn, Fe, Mg, Rb, Cs, Tl, W, Y, Nd, Sc, Sm, and Yb as it was recognized from a perusal of the geochem data that another geochemical signature was present over the Finlayson Assemblage rocks. The average value for results of the lower quartile was calculated for each element and used as background value. One-half of detection limit was used for those samples with values reported as less than detection limit. Then each result was divided by the lower quartile average to obtain its response ratio. A response ratio of 10 or more is considered very significant for indicating underlying mineralization. Lesser values of 5 to 10 can also be important particularly where more than one element has such a value. Response ratios can best be thought of as a multiple of background in interpreting results.

Black Spruce Twig Sampling.

The following description of twig sampling that was used in the present survey is taken from: *Heberlein, D.R., Dunn, C.E. and Macfarlane, W. (2013): Use of organic media in the geochemical detection of blind porphyry copper-gold mineralization in the Woodjam property area, south-central British Columbia (NTS 093A/03, /06); in Geoscience BC Summary of Activities 2012, Geoscience BC, Report 2013-1, p. 47–62.*

Samples of black spruce twigs comprising the most recent two years of growth were snipped from around the circumference of a single tree. Black spruce was easily identified and distinguished from white spruce by observing with aid of a hand lens minute red hairs on the circumference of twigs of the past few years growth. In central Yukon, this amount of growth is typically about a hand-span in length, at which point, the twig diameter is 4–5mm. This diameter is quite critical because many trace elements concentrate in the bark part of the twig, whereas the woody tissue (the cortex) has lower concentrations of most elements. Consequently, unless there is a consistency in the diameters of the twigs that are collected, any analysis of twig tissue can result in variability among samples simply because of the differing ratios of woody tissue to twig bark. About ten to fifteen black spruce twigs with needles were placed into gusseted kraft

sample bags. The use of plastic bags was avoided to minimize the chance of molds forming thereby losing sample integrity.

Analysis of the black spruce twig samples was carried out at Bureau Veritas Laboratories Ltd. (Vancouver) using their VG104-EXT method. In the laboratory, twig samples were thoroughly dried at 60°C in an oven with a forced-air fan for 24 hours to remove moisture. The needles could then be separated from the twigs for ashing. A 50 gram sample of twigs was ashed at 475 degrees Celsius yielding about 1.5 gm ash. A 0.5 gm ash split was digested in 1:1:1 aqua regia for analysis by ultratrace ICP-MS. Results for 51 elements were provided by this VG104-EXT analytic package

SURVEY RESULTS.

Results of the 300 m by 100 m MMI soil and twig sample grid over the KRYPTOS claims is provided in Tables 2 and 3 and shown graphically on Figures 5 to 21. Results of the 2016 survey described above are also provided graphically on the figures in order to provide a complete picture of the targets.

The only outcrops found on the soil lines were of unaltered granodiorite of the Reid Lakes Batholith at two locations on the hillside on the north edge of the claims and of micaceous quartzite of the Finlayson Assemblage on two closely spaced outcrops on the easternmost soil line. They are shown on the figures by black triangles. The contact between these two rock types as defined by Geoscience Map 7 is a fault shown on the figures by a NNWerly black line in the centre of the map. Based on soil geochemical results a more likely contact is the dark black dashed line that separates porphyry targets described below and shown as red dashed lines on the map from the widespread multi-element geochemically anomalous soil samples on the northwest facing hillside also described below.

Results of the 2016 sampling provided five poorly defined targets with porphyry geochemical signatures. One of these targets lost its definition and became part of the extensive multi-element anomalous zone on the northwest facing hillside. The other four targets with porphyry geochemical signatures are now much better defined. The largest measures 1600m long by 300 to 500m wide

and crosses the Klondyke Highway. Other zones measure 600m by 600m, 900m by 300m and 900m by 500m open to the north.

The porphyry targets are defined by MMI samples that are at least five times background for Cu with the exception of two samples within these target zones. The porphyry targets are shown as red dashed lines, which defines the limits of anomalous Cu on Figures 5 to 21. All of these zones are characterized by MMI samples having response ratios of 5 or more for Cu, Ni and U. Response ratios for Au are 5 or more with a high of 45 in over half the samples within the Cu anomalous zones. This relationship provides encouragement that the proposed underlying porphyry mineralization contains significant Au mineralization. There are also many anomalous Au values occurring sporadically across the rest of the survey area. A few Mo and Ag response ratios of 5 to 10 occur in samples within two of the Cu zones. Pb response ratios and to a lesser extent Zn response ratios of 5 or more occur in samples peripheral to the Cu zones based on 2016 results. Almost all anomalous Ti values occur outside the Cu anomalous zones and are interpreted to be indicative of illmenite within unaltered batholithic rocks. Low Ti values that occur within all four Cu anomalous zones may be related to destruction of illmenite by hydrothermal activity related to the proposed porphyry mineralizing event responsible for the anomalous metal values.

Fe, As, Sb, Bi, Tl, Cs, Mn, and W form patterns of low response ratios within the anomalous Cu zones and are believed to be related to hydrothermal alteration related to porphyry mineralization under the anomalous Cu zones. The 15 twig samples collected on the claims provide some support in defining patterns of anomalous MMI soils.

Anomalous Ni and U patterns nearly identical to anomalous Cu pattern is a feature that occurs in seven other porphyry geochemical targets developed by the writer on the RGS, DUBLOON, and PIRATE claims 40 km northwest and on the ALL IN claims 5 km northwest of the KRYPTOS claims.

A poorly defined new zone of anomalous metal values occurs in the southeastern third of the claims. It is characterized by consistently very high response ratios for As, Sb, W, and Mn and numerous high response ratios for Au, Bi, Tl, Fe, Zn, Ti and Cs. Bedrock throughout this zone may be metasediments as one outcrop of micaceous quartzite was noted during the soil sampling and the

area is roughly within the area of metasediments described on Geoscience Map 7. Limit of this zone of geochemically anomalous values is somewhat arbitrarily drawn as a straight line and may be a fault contact between granodiorite of the Reid Lakes Batholith and metasediments of the Finlayson Assemblage. The southern limit is tentatively drawn as shown on the figures. Cause of these anomalous elements may be formational in part but much of it likely reflects some other style of mineralization than the porphyry style described above. Epithermal gold mineralization is a possibility given the anomalous Au and the number of traditional Au pathfinder elements included in this anomalous suite. These pathfinder elements include As, Sb, Bi, Tl, and W. The micaceous quartzite outcrop was sampled by K138 and assayed at Bureau Veritas. Moderately anomalous values were As-95ppm, Sb-20ppm, and Fe-3.29%.

CONCLUSIONS.

Sampling in 2017 on the KRYPTOS claims defined the limits of four of the five geochemical anomalous zones with porphyry signatures that were poorly defined in the 2016 work. The fifth zone was shown to belong to a much larger new multi-element geochemically anomalous zone located on the northwest facing hillside above the porphyry targets.

The largest porphyry target measures 1600m long by 300 to 500m wide and crosses the Klondyke Highway. Other zones measure 600m by 600m, 900m by 300m and 900m by 500m open to the north. They are defined by nearly uniformly anomalous response ratios for MMI soil samples of 5 or greater for Cu, Ni, and U with anomalous response ratios of 5 or greater in over half the samples for Au. Pb and to a lesser extent Zn have response ratios of 5 or more outside the anomalous Cu zones. Ti has high response ratios over unaltered batholiths rocks and very low response ratios within the Cu zones. Anomalous Ni and U patterns nearly identical to an anomalous Cu pattern is a feature that occurs in seven other porphyry geochemical targets developed by the writer on the RGS, DUBLOON, and PIRATE claims 40 km northwest and on the ALL IN claims 5 km northwest of the KRYPTOS claims.

It is believed that these patterns of geochemically anomalous elements is best explained by underlying Cu-Au porphyry mineralization that has peripheral Pb and Zn vein mineralization as is common in many porphyry environments. Hydrothermal alteration associated with the porphyry mineralizing event could have destroyed illmenite common in the granodiorite of the batholiths thereby producing a Ti low within the Cu-Au zone. Other elements that form zones of low geochemical response within the Cu zone would be the result of this alteration. Ni and U could have formed either as primary mineralization or by reduction reactions of groundwater carrying small amounts of Ni and U leached from the granodiorite and nearby formations with the porphyry sulphide system.

These targets and the nearby ALL IN porphyry targets were discovered by prospecting up-ice and up-drainage from RGS anomalies based on a reinterpretation of geochemical thresholds using a restricted area of similar geology and glacial history. Clustering of five porphyry targets on the RGS, PIRATE and DUBLOON claims in the north end of the Early Mississippian aged Reid Lakes Batholith and five similar targets on the ALL IN and KRYPTOS claims in the south end of the batholith is similar to the clustering of the Bethlehem, JA, Highmont, Lornex and Valley Cu-Mo porphyry deposits within the Jurassic age Guichon Creek Batholith in southern BC. Both batholiths intrude their own volcanic pile and are of similar size.

A poorly defined new zone of anomalous metal values occurs in the southeastern third of the claims on a northwest facing hillside above the porphyry targets. It is characterized by consistently very high response ratios for As, Sb, W, and Mn and numerous high response ratios for Au, Bi, Tl, Fe, Zn, Ti and Cs. Bedrock throughout this zone may be metasediments as one outcrop of micaceous quartzite was noted during the soil sampling and the area is roughly within the area of metasediments described on Geoscience Map 7.

Epithermal gold mineralization is a possible cause of this second geochemically anomalous pattern given the anomalous Au in soils and the number of traditional Au pathfinder elements included in this anomalous suite.

RECOMMENDATIONS.

It is recommended that:

i) The anomalous zones described as porphyry targets be drill tested using a relatively inexpensive auger drill. This drill could be walked in from the Klondyke Highway on trails cut by chainsaw onto several of the targets. Such drilling could supply rock samples of bedrock to confirm or deny the existence of underlying mineralization.

ii) Diamond drilling be considered based on results of the auger drilling.

iii) The multi-element anomalous zone on the northwest facing hillside be prospected further for epithermal gold style mineralization.

STATEMENT OF COSTS

Certificate of Work, KRYPTOS 1-60 quartz claims.

Note: 307 samples were collected of which 185 were on the claims.
170 of 285 MMI samples were collected on the claims.
15 of 22 Twig samples were collected on the claims.
Six man days were spent on the claims by Richards and five by Mieras.
The above fractions were applied to costs as indicated.

Fireweed Helicopter portion of #13746 Jul 1. Demob Property.	$1223.19
Geochem: Bureau Veritas VAN Twigs **652.24 x 15/22**	444.71
Bureau Veritas VAN Rock	26.12
SGS Labs MMI samples **12,044.81 x 170/285**	7184.62
Wages: Fieldwork June 16-22, July 1, demob July 2	
Senior geologist G Richards **7 days** @ $500/day	3500.00
J Mieras **6 days** @ $350/day	2100.00
Living Allowance: sample bags, food, sat phone, radios, flagging, etc	
13 man days @ $100/man day	1300.00
Truck: Whitehorse-Mayo-Stewart-Mayo-Whitehorse: 1052 kmx$0.61	641.72
Generator: 7 days @ $10/day	70.00
Freight: Air North, MMI samples Whitehorse to Vancouver	145.06
Report: 10% of above costs ($16,521.35)	1652.13
TOTAL	**$18,173.48**

STATEMENT OF QUALIFICATIONS.

I, Gordon G Richards, with business address at 6410 Holly Park Drive, B.C., V4K 4W6, do hereby certify that:

1. I am a Professional Engineer, registration number 11,411 with the Association of Professional Engineers and Geoscientists of British Columbia.
2. I hold a B.A.Sc. (1968) in Geology from The University of British Columbia, and an M.A.Sc. (1974) in Geology from The University of British Columbia.
3. I have been practicing my profession as a geologist for over 40 years and as a consulting geological engineer since 1985. I have work experience in western areas of the United States, Alaska, Canada, Mexico and Africa.
4. I have based this report on my own field work and supervision of field work by Jeff Mieras during the period of June 16 to 22, July 1, 2017 and on the results generated by that field work.

Respectfully submitted,

Gordon G Richards, P.Eng.

STATEMENT OF COSTS

Certificate of Work, KRYPTOS 1-14 quartz claims.
Dawson Mining District.

Note: 307 samples were collected of which 285 were MMI and 22 were twigs.
57 of the 285 MMI samples were collected on the claims.
4 of the 22 Twig samples were collected on the claims.
Two man days were spent sampling by Mieras.
One demob day was spent by Mieras.
The above fractions were applied to costs as indicated.

Geochem: Bureau Veritas VAN Twigs **652.24 x 4/22**	118.59
Bureau Veritas VAN Rock	26.12
SGS Labs MMI samples **12,044.81 x 57/285**	2408.96
Wages: Fieldwork June 16-22, July 1, demob July 2	
J Mieras **2 days** @ $350/day	700.00
Living Allowance: sample bags, food, sat phone, radios, flagging, etc	
2 man days @ $100/man day	200.00
Truck: Whw-Mayo-Stewart-Mayo-Whs: 1052 kmx$0.61 portion	340.00
Generator: 2 days @ $10/day	20.00
Freight: Air North, MMI samples Whitehorse to Vancouver	45.06
Report: 10% of above costs ($3,858.73)	385.87
TOTAL	**$ 4,244.60**

STATEMENT OF COSTS

Certificate of Work, KRYPTOS 15-60 quartz claims.
Mayo Mining District.

Note: 307 samples were collected of which 285 were MMI and 22 were twigs.
113 of the 285 MMI samples were collected on the claims.
11 of the 22 Twig samples were collected on the claims.
Six man days were spent sampling by Richards and four by Mieras.
One demob day was spent by Richards
The above fractions were applied to costs as indicated.

Fireweed Helicopter portion of #13746 Jul 1. Dropoff sampling.	$1223.19
Geochem: Bureau Veritas VAN Twigs **652.24 x 11/22**	326.12
Bureau Veritas VAN Rock	26.12
SGS Labs MMI samples **12,044.81 x 113/285**	4775.66
Wages: Fieldwork June 16-22, July 1, demob July 2	
Senior geologist G Richards **7 days** @ $500/day	3500.00
J Mieras **4 days** @ $350/day	1400.00
Living Allowance: sample bags, food, sat phone, radios, flagging, etc	
11 man days @ $100/man day	1100.00
Truck: Whitehorse-Mayo-Stewart-Mayo-Whitehorse: 1052 kmx$0.61	300.00
Generator: 5 days @ $10/day	50.00
Freight: Air North, MMI samples Whitehorse to Vancouver	100.00
Report: 10% of above costs ($12,801.09)	1280.11
TOTAL	**$14,081.20**

Table 2. KRYPTOS Property 2017 MMI Response Ratios.																												
ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
R1	426499	7005620	4	7	7	2	4	18	6	28	33	10	2	3	7	21	5	2	1	5	5	12	13	17	7	15	12	11
R2	426560	7005544	4	3	9	2	6	3	10	8	9	6	1	1	8	1	4	1	5	10	7	7	10	11	7	10	6	8
R3	426580	7005441	3	4	6	3	4	5	9	8	11	6	0	1	5	3	5	0	4	12	13	7	5	7	4	7	5	6
R4	426615	7005334	5	5	6	1	3	8	8	15	18	10	1	2	6	3	5	1	3	9	9	9	11	12	5	12	9	10
R5	426663	7005251	3	6	7	2	3	5	13	14	14	12	1	2	4	4	7	1	4	16	14	10	5	6	5	6	6	5
R6	426688	7005150	3	10	4	1	3	10	11	23	23	17	1	2	4	16	11	1	5	20	12	12	3	3	4	3	3	2
R7	426724	7005062	8	7	7	1	3	8	11	19	24	12	1	3	13	27	7	1	3	11	10	14	13	15	11	13	10	11
R8	426777	7004974	7	4	18	2	2	2	6	12	13	7	2	3	13	1	5	2	3	10	9	8	22	20	11	20	23	17
R9	426806	7004864	10	7	20	1	3	6	13	22	32	10	1	3	20	6	6	2	3	17	10	14	28	26	15	24	23	20
R10	426547	7004697	8	3	34	5	3	12	4	10	13	4	3	9	9	55	5	4	1	7	4	5	18	13	8	14	22	12
R11	426518	7004794	1	6	4	2	2	6	3	19	25	4	2	1	1	8	5	1	3	11	3	3	1	1	1	1	1	1
R12	426489	7004896	11	4	7	2	0	2	2	17	21	8	0	5	4	16	20	0	3	9	5	3	1	1	2	1	1	1
R13	426432	7004972	1	3	1	2	2	5	5	6	5	4	2	1	0	6	6	2	3	9	5	4	0	0	2	0	0	1
R14	426406	7005055	1	8	1	1	2	8	6	18	10	10	0	1	1	46	14	0	10	12	6	7	1	1	2	1	1	1
R15	426361	7005170	2	7	3	1	3	16	9	17	21	10	2	2	2	9	7	2	6	12	7	9	3	4	3	3	2	3
R16	426311	7005249	4	6	4	1	2	4	6	12	16	8	2	2	5	13	4	2	3	6	5	7	7	8	5	8	6	6
R17	426291	7005325	3	9	3	2	3	24	9	22	21	15	1	3	4	47	13	1	5	11	8	8	4	4	5	4	5	4
R20	426158	7005660	2	2	3	7	3	2	9	10	8	4	2	1	1	2	3	1	6	10	5	8	1	1	2	1	1	2
R21	426122	7005735	1	2	1	2	3	2	7	5	3	2	1	2	1	1	3	1	5	7	7	5	2	2	2	2	2	2
R22	426063	7005805	4	3	7	1	3	4	19	9	12	7	1	1	7	2	3	1	6	11	9	11	20	27	10	17	6	14
R23	425181	7001528	15	1	9	5	1	2	0	1	5	1	8	20	26	4	1	6	1	1	2	1	7	4	1	5	7	5
R24	425133	7001633	8	1	7	3	0	1	0	1	1	1	6	6	23	11	1	6	0	1	1	1	5	3	1	4	6	4
R25	425091	7001731	4	2	6	3	1	2	2	3	3	2	4	2	6	1	3	4	1	3	2	3	5	6	3	6	4	5
R26	425052	7001823	3	1	3	5	2	1	0	1	0	1	6	3	3	1	1	6	2	1	0	1	2	1	1	2	2	2
R27	425031	7001916	2	5	4	8	3	5	3	3	2	2	4	2	1	3	5	3	3	7	5	2	1	1	2	1	1	1
R28	425025	7002018	2	4	1	2	2	1	1	5	2	1	3	1	2	2	1	1	2	2	2	3	1	1	1	1	1	1
R29	425018	7002116	2	2	6	4	4	1	1	1	1	1	4	3	2	0	1	3	1	2	1	1	4	4	2	4	3	3
R30	425013	7002208	6	2	12	5	2	2	0	1	1	1	7	3	13	2	1	5	1	0	0	1	9	7	2	8	9	7
R31	424985	7002312	10	7	15	6	0	1	0	1	3	1	8	3	22	7	1	2	1	1	0	1	2	2	1	2	2	2
R32	425001	7002422	1	4	1	2	4	2	2	6	5	6	3	1	1	9	3	2	3	3	3	4	1	2	2	2	1	1
R33	424986	7002516	3	1	3	4	2	1	1	3	2	1	5	5	6	9	2	4	2	1	1	1	6	8	2	7	7	6
R34	424962	7002602	23	4	6	5	1	3	0	1	3	1	10	16	7	10	1	4	0	0	0	1	7	3	1	4	6	4
R35	424957	7002696	3	1	3	7	2	1	0	1	1	1	6	4	2	1	1	6	1	1	0	1	2	1	1	2	2	2
R36	424957	7002806	2	3	1	3	3	1	1	5	4	1	2	2	2	5	2	3	4	3	1	3	2	2	1	2	2	2
R37	424958	7002950	3	2	10	2	2	2	2	4	6	1	4	2	4	27	1	1	1	3	3	3	7	9	2	9	8	7
R38	424945	7003060	2	6	3	2	1	4	3	8	10	6	3	2	3	13	4	3	2	3	3	5	3	4	2	4	4	3
R39	424953	7003168	4	4	10	5	3	2	3	8	12	10	3	2	4	2	4	3	1	2	2	5	6	6	3	6	6	5
R41	425501	7003922	2	4	4	3	3	5	12	10	7	5	0	2	1	4	6	1	7	13	8	7	1	1	4	1	2	1
R42	425436	7003841	1	2	3	1	3	21	6	5	7	5	0	2	2	4	8	1	3	10	7	3	2	2	3	2	3	1
R44	425273	7003750	1	4	1	0	8	15	4	22	33	12	0	1	2	58	8	0	5	17	5	4	1	2	2	2	1	1
R45	425193	7003671	1	5	3	1	3	5	4	21	13	10	0	1	1	13	8	1	4	11	5	6	0	1	2	0	0	0
R46	425124	7003591	1	2	3	3	3	5	7	6	10	7	4	2	2	1	5	2	2	8	7	5	1	2	3	2	1	1
R47	425074	7003502	1	2	3	5	4	2	2	4	3	2	3	2	1	4	2	3	2	1	2	3	2	1	2	1	2	2
R48	424997	7003426	2	6	3	1	2	2	2	5	5	1	3	2	4	19	2	3	2	2	2	3	2	3	2	3	3	2
R49	424939	7003364	6	2	9	6	2	4	2	5	9	5	5	4	9	3	4	4	1	4	3	3	10	10	5	10	13	9

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
R50	424934	7003459	2	2	3	3	3	4	3	5	7	4	4	3	2	2	3	4	2	5	4	3	2	2	2	2	2	2
R51	424936	7003561	4	2	7	1	3	3	2	4	7	5	5	3	5	2	3	4	2	5	4	2	6	7	3	7	7	6
R52	424139	7005688	6	2	6	2	0	1	0	1	2	1	6	4	18	7	1	6	1	1	2	1	5	4	1	4	6	4
R53	424233	7005754	8	1	9	4	1	1	0	1	1	1	6	7	24	3	1	5	1	1	2	1	19	10	4	13	19	12
R54	424295	7005811	1	1	3	1	2	1	1	1	0	1	6	2	3	1	1	4	2	2	1	1	1	2	2	1	1	1
R55	424376	7005878	1	2	1	5	4	3	9	5	3	3	3	2	1	1	4	1	5	6	4	5	2	1	3	1	2	1
R56	424446	7005951	5	1	10	5	5	1	0	1	0	1	7	5	18	4	0	7	1	0	0	1	8	5	7	6	9	6
R57	424530	7006020	1	3	1	2	3	1	0	1	0	1	6	1	1	3	1	2	2	1	2	1	0	1	0	0	0	0
R58	424599	7006080	1	2	4	2	2	2	2	3	2	1	5	2	1	2	2	2	3	4	3	2	1	2	1	2	2	1
R59	424672	7006158	2	2	6	5	2	0	0	1	0	1	8	3	1	5	0	4	1	1	1	1	3	3	1	3	3	3
R60	424755	7006218	6	1	1	3	1	0	0	1	0	1	8	6	20	2	1	7	0	0	0	1	5	4	1	5	5	4
R61	424796	7006293	3	1	6	4	0	0	0	1	0	1	10	2	10	7	0	2	1	0	0	1	3	2	1	2	7	2
R62	424900	7006364	3	2	12	3	1	0	0	1	0	1	11	2	27	6	0	6	0	0	0	1	6	3	1	4	4	4
R63	424972	7006436	1	4	3	1	6	1	1	1	2	1	5	1	5	20	1	2	2	5	4	1	2	3	2	3	3	3
R64	425046	7006511	2	3	3	2	0	1	0	1	2	1	8	3	9	7	1	4	1	1	1	1	3	2	1	3	4	2
R65	424966	7006586	2	2	4	3	0	0	0	1	2	1	9	1	8	3	0	2	1	1	1	1	1	1	1	1	2	1
R66	424932	7006685	2	2	3	3	2	1	0	1	2	1	7	2	4	3	1	1	3	2	1	1	4	2	1	3	4	2
R67	424942	7006740	2	2	3	3	0	1	0	1	3	1	7	3	9	30	1	2	2	2	2	1	3	3	1	3	5	2
R68	424860	7006678	2	1	6	2	0	0	0	1	0	1	9	2	18	5	0	1	1	1	1	1	2	1	1	2	2	2
R69	424781	7006606	1	2	1	2	1	2	0	1	0	1	6	1	5	15	1	2	3	2	1	1	3	5	1	5	5	4
R70	424698	7006557	0	1	1	1	1	1	1	1	0	1	6	1	1	1	1	3	1	1	1	1	1	2	1	2	1	2
R71	424622	7006477	1	2	4	2	1	1	1	4	2	1	6	1	1	3	1	3	3	3	3	1	1	1	1	1	1	1
R72	424547	7006385	1	2	1	1	2	1	2	1	0	1	5	1	1	1	1	3	3	2	2	1	2	2	1	2	1	1
R73	424471	7006342	1	2	1	2	2	3	6	4	2	2	4	1	1	2	3	4	3	5	3	4	0	1	2	0	0	0
R74	424369	7006308	1	3	1	5	3	2	4	6	3	3	3	1	1	1	3	3	5	5	3	5	1	1	1	1	1	1
R75	424302	7006234	1	2	3	4	2	3	4	3	2	1	4	2	1	0	3	4	4	6	4	3	1	1	2	1	1	1
R76	424226	7006169	2	2	4	30	6	2	7	4	2	2	3	2	2	1	2	4	5	3	3	4	5	4	4	4	4	4
R77	424138	7006110	2	4	3	2	3	3	21	9	6	6	2	2	2	1	5	3	4	5	4	11	5	5	5	4	4	4
R78	424077	7006043	1	3	3	4	1	1	1	3	1	1	4	0	2	2	2	2	1	3	2	3	0	1	1	0	0	0
R79	424000	7005974	2	1	4	3	1	1	0	1	0	1	9	5	13	11	1	7	1	0	0	1	8	7	4	8	11	7
R80	424380	7004163	1	3	4	2	3	4	10	8	5	3	2	2	3	2	4	4	4	10	10	7	6	6	6	5	4	4
R81	424303	7004102	2	2	3	2	3	2	6	4	3	2	3	3	2	5	3	4	4	5	5	3	10	8	7	8	9	7
R82	424202	7004060	1	4	1	1	2	5	4	8	5	4	2	1	1	1	5	2	6	11	7	4	1	1	3	1	1	1
R83	424119	7003996	2	3	4	5	7	3	10	4	6	4	3	3	3	1	4	4	4	6	6	5	3	3	4	3	3	3
R84	424042	7003929	2	1	4	3	3	2	3	3	2	2	4	5	5	11	4	4	1	2	1	3	11	10	8	10	9	8
R85	423951	7003880	2	2	3	2	5	2	7	6	5	2	2	4	2	2	4	3	2	5	4	5	4	3	5	4	4	3
R86	423868	7003825	1	1	6	4	2	1	0	1	0	1	7	4	3	17	1	6	1	1	1	1	3	3	3	3	4	3
R87	423782	7003784	1	2	1	2	1	2	0	1	0	1	5	1	1	2	2	3	1	1	0	1	1	0	1	0	1	0
R88	423621	7003677	2	4	3	2	1	3	2	6	7	3	4	3	4	23	4	3	2	3	3	4	2	2	2	3	4	2
R89	423537	7003629	2	2	3	2	4	2	8	5	4	5	3	3	3	3	4	4	2	2	2	5	5	5	6	4	4	3
R90	423451	7003552	1	2	1	4	2	2	2	4	1	1	4	1	1	1	2	3	4	4	3	2	0	0	1	0	0	0
R91	423375	7003501	1	6	1	1	1	5	10	8	6	6	2	1	1	28	8	3	5	5	4	9	1	1	2	1	1	1
R92	423219	7003434	1	4	1	1	2	2	5	8	6	11	0	1	2	1	6	0	4	12	4	6	1	2	2	2	2	1
R93	423283	7003806	1	1	1	7	2	1	0	1	0	1	6	2	2	4	1	3	3	1	2	1	2	1	1	1	1	2
R94	423369	7003866	2	4	1	1	1	1	1	3	3	1	3	1	4	5	2	2	4	5	3	3	6	7	2	8	5	7
R95	423433	7003909	2	3	1	3	3	2	5	6	4	4	1	1	1	1	4	1	5	6	4	4	2	2	2	2	2	2

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
R96	423563	7003991	1	3	1	7	2	2	3	4	3	3	2	3	1	15	4	3	3	2	2	3	3	3	3	3	2	3
R97	423649	7004051	4	2	3	7	1	2	0	1	0	1	10	9	3	32	1	13	2	0	0	1	4	2	1	3	4	3
R98	423742	7004082	1	3	1	3	1	2	3	4	2	3	2	1	1	5	5	2	4	3	2	2	2	2	2	2	2	2
R99	423828	7004156	2	2	3	1	2	1	6	3	1	1	2	1	1	1	2	4	5	5	4	4	6	7	4	6	4	5
R100	423926	7004185	3	1	7	3	3	2	4	3	3	2	4	4	6	4	3	5	2	3	2	3	22	20	10	19	17	15
R101	423999	7004254	2	4	3	2	3	2	11	9	6	5	2	1	5	1	3	2	6	11	12	10	6	8	8	8	5	6
R102	424065	7004324	1	2	4	2	2	2	4	5	4	4	3	2	2	1	4	2	3	5	6	3	2	2	3	2	2	2
R103	424138	7004399	6	6	9	2	1	2	8	8	8	5	1	3	22	29	5	1	4	5	5	10	18	22	15	22	15	17
R104	424245	7004408	1	4	6	1	2	2	6	5	4	3	2	2	4	8	3	3	4	5	4	5	5	5	5	4	3	4
R105	424367	7004413	2	1	6	2	3	2	4	4	3	3	3	4	11	4	2	5	1	2	2	6	47	47	18	48	41	35
R106	426898	7001197	5	4	3	1	2	3	12	8	5	6	2	2	7	1	6	1	3	9	8	9	12	11	8	12	11	10
R107	426985	7001274	4	1	4	0	2	2	4	3	2	1	3	1	7	3	1	3	2	4	7	3	35	31	16	31	28	26
R108	427035	7001331	4	6	4	1	1	3	10	8	8	4	2	1	4	15	4	2	4	9	10	13	4	5	4	5	3	4
R110	427260	7001535	10	5	6	1	2	2	3	4	4	6	3	4	15	1	9	2	3	8	10	3	13	11	6	11	13	9
R112	427401	7001676	6	3	4	1	1	1	8	3	4	2	3	2	7	4	3	3	1	3	3	5	10	10	5	9	9	7
R113	427481	7001753	4	2	6	1	4	2	6	4	3	3	1	1	7	1	2	1	2	3	5	4	14	17	7	15	10	12
R114	427551	7001811	3	1	3	0	3	1	7	4	3	3	1	1	6	1	1	1	2	5	10	4	24	28	11	27	20	20
R115	427626	7001867	3	2	4	1	4	1	11	4	3	3	2	1	6	1	2	4	2	2	6	7	55	86	11	73	60	44
R116	427704	7001950	3	2	3	1	3	1	9	5	5	3	2	1	5	1	3	2	2	5	7	5	19	21	9	21	15	16
R117	427779	7002016	4	2	3	2	3	1	5	3	3	3	1	1	5	1	2	1	2	5	8	3	4	5	5	5	4	4
R118	427804	7001605	6	4	4	1	2	3	20	14	9	8	1	1	10	1	7	1	3	9	13	14	17	19	11	18	14	15
R119	427720	7001537	3	2	6	0	3	2	12	8	8	4	2	2	5	1	4	2	2	5	8	7	13	17	7	15	10	12
R120	427649	7001472	8	1	6	1	4	1	2	3	0	1	3	1	9	3	1	4	2	3	8	4	67	70	27	75	77	57
R121	427578	7001391	4	1	4	1	5	2	4	1	3	1	2	0	8	1	1	2	2	4	7	3	7	9	10	10	8	8
R122	427504	7001310	5	2	3	1	2	2	7	4	3	2	2	1	7	2	2	2	2	4	7	4	19	24	10	22	13	17
R123	427451	7001223	7	1	4	0	0	1	1	1	2	1	7	4	4	4	1	8	0	0	0	3	33	19	4	22	31	18
R126	427200	7001013	9	2	4	2	2	5	2	3	5	3	4	10	18	10	3	4	1	2	2	4	29	26	9	26	32	20
R127	427141	7000936	6	4	3	1	1	2	8	8	7	6	2	3	7	3	5	1	2	6	6	8	18	19	10	18	20	14
R128	427062	7000863	4	7	7	1	2	3	22	17	13	11	2	1	6	2	9	2	4	9	7	18	10	11	8	10	8	8
R129	427001	7000799	8	1	3	2	4	2	3	1	2	1	2	1	9	1	1	3	2	4	6	3	23	31	15	32	22	26
R130	422934	7002127	1	2	1	2	1	1	1	1	1	1	4	1	0	1	1	3	2	1	0	1	1	1	1	1	1	2
R131	422856	7002172	1	2	1	2	4	2	4	5	2	3	2	2	1	4	3	3	3	4	3	5	6	6	4	5	4	5
R132	422767	7002235	1	1	1	13	1	2	1	1	1	1	4	1	1	4	1	2	4	3	3	1	1	1	1	1	1	1
R133	422674	7002246	1	1	1	3	1	2	1	1	0	1	4	1	1	2	1	2	5	3	2	2	2	1	1	1	1	2
R134	422563	7002238	1	1	1	4	3	1	0	1	0	1	5	4	4	2	1	6	2	1	1	1	4	3	3	3	2	3
R135	422492	7002333	1	2	1	3	3	2	3	3	1	2	4	3	3	9	2	4	3	3	3	3	4	3	6	3	3	3
R136	422388	7002364	2	2	3	5	4	2	7	5	3	3	3	3	2	5	3	4	4	4	3	5	9	9	7	8	6	7
R137	422315	7002435	1	4	1	3	2	1	2	3	1	1	3	1	1	3	3	3	6	5	5	2	2	1	2	1	1	1
R138	422237	7002511	1	1	1	5	3	1	1	1	0	1	4	4	2	0	1	5	1	2	0	1	4	4	2	4	3	3
R139	422151	7002565	2	2	4	4	3	1	5	3	3	2	3	2	6	0	2	4	5	3	3	3	7	6	5	6	4	5
R140	422012	7002577	1	2	3	6	3	1	2	3	1	1	4	2	2	1	2	4	5	4	4	2	4	3	2	3	2	3
R142	427105	7005002	4	6	7	12	4	3	18	13	13	7	1	2	8	3	6	2	2	8	10	10	22	31	9	26	16	20
R143	427063	7005094	5	2	6	1	2	3	4	8	9	3	3	9	10	7	2	4	1	3	2	6	44	38	11	39	43	30
R144	427023	7005184	7	2	3	1	2	3	8	6	4	6	1	2	8	1	6	1	3	10	10	6	9	9	7	9	8	8
R145	426969	7005277	2	4	3	3	3	3	9	10	12	9	0	1	3	1	7	0	4	14	11	6	2	3	3	3	3	2
R146	426949	7005382	12	5	10	4	4	24	6	15	18	12	2	9	9	13	8	2	3	5	4	8	22	18	12	19	22	16

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
R147	426887	7005462	2	4	3	1	4	6	8	9	11	7	0	1	2	8	6	1	3	12	10	6	1	2	2	1	1	1
R148	426859	7005603	8	4	4	2	2	13	3	9	13	4	3	8	6	10	4	3	2	4	3	4	8	7	4	7	8	6
R149	426825	7005648	15	3	9	3	2	11	2	8	15	6	4	13	9	7	5	4	2	4	3	3	15	10	7	11	16	10
R150	426799	7005745	6	3	4	1	2	8	5	8	9	8	3	5	5	4	5	3	3	8	7	4	13	12	6	12	12	10
R151	426799	7005875	11	3	9	2	1	7	1	3	11	1	4	9	11	30	3	5	1	2	2	2	11	9	4	9	13	8
R152	426779	7005963	2	8	1	2	5	9	18	24	20	12	1	2	1	4	10	1	7	18	10	16	1	1	4	1	1	1
R153	426715	7006029	3	5	3	5	6	5	19	17	16	9	1	2	2	2	7	1	5	14	8	11	2	2	4	2	2	2
R154	426631	7006107	1	3	3	2	4	3	5	8	8	7	0	2	1	1	3	0	6	10	7	6	1	2	2	2	1	2
R157	426453	7006354	7	3	45	3	0	10	0	4	7	1	4	5	3	15	2	3	1	3	5	1	8	6	2	6	6	6
R158	426409	7006478	11	2	4	1	1	2	1	3	4	1	6	9	8	4	2	5	1	1	2	2	12	8	3	9	12	8
R159	426410	7006576	11	2	7	4	1	2	0	1	3	1	10	8	2	7	1	6	0	0	0	1	3	2	1	3	3	3
R160	426392	7006639	13	5	12	2	1	2	1	3	11	1	6	5	12	6	2	4	1	2	2	1	3	2	1	2	3	2
K1	426447	7005708	6	4	4	1	2	13	6	12	13	6	3	5	5	5	6	3	2	7	6	6	16	16	7	15	13	12
K2	426396	7005794	2	2	3	2	5	2	8	4	3	3	0	1	3	1	3	1	5	7	4	3	4	4	5	4	4	4
K4	426340	7005984	3	2	1	3	5	2	4	4	3	3	3	5	3	1	3	4	2	3	2	3	7	7	3	7	5	5
K5	426309	7006079	2	2	3	3	4	1	6	3	2	2	2	2	8	1	2	3	2	2	1	3	32	33	17	31	27	24
K6	426257	7006159	5	3	7	2	4	5	4	10	15	11	0	2	9	18	4	1	3	8	7	8	26	40	9	31	12	21
K7	426222	7006251	2	2	3	1	4	16	3	12	10	10	1	2	2	41	6	1	3	5	8	7	3	3	3	3	3	2
K11	425851	7006295	1	6	1	1	4	4	12	13	9	8	0	3	1	1	7	1	6	11	10	10	1	1	3	1	1	1
K12	425890	7006208	1	2	1	6	4	1	7	3	2	1	2	2	2	1	2	4	3	4	6	4	11	11	6	10	8	8
K13	425934	7006116	2	2	1	2	4	2	5	6	4	4	1	4	1	1	5	1	7	10	5	4	1	1	2	1	1	1
K14	425980	7006033	1	2	1	1	2	33	5	4	2	4	1	2	1	30	8	1	3	6	5	3	1	0	2	0	1	0
K15	426022	7005942	1	2	1	2	3	2	4	4	3	2	5	4	2	3	3	6	1	2	2	3	2	2	2	2	1	2
K17	424709	7003573	10	2	6	2	1	10	2	4	6	1	4	10	4	3	2	4	2	2	4	5	35	22	5	25	33	22
K18	424616	7003505	2	2	1	4	4	2	10	4	3	4	4	2	1	2	2	5	2	2	2	5	3	3	2	2	2	2
K19	424525	7003462	1	1	3	1	2	2	2	3	2	2	5	1	1	5	2	3	1	1	0	2	1	1	1	1	1	1
K20	424432	7003405	2	3	1	1	1	2	2	3	3	3	4	3	4	6	2	4	1	2	1	3	6	6	3	6	5	5
K21	424347	7003369	1	4	1	2	3	8	9	5	4	7	2	2	1	4	5	1	6	7	6	7	1	1	2	1	1	1
K22	424260	7003318	1	1	1	3	1	1	1	1	2	1	5	1	4	9	1	4	1	1	1	1	4	6	1	7	5	5
K23	424161	7003269	1	4	1	2	1	4	2	3	2	1	5	1	1	45	2	3	2	2	2	2	1	1	1	1	1	1
K24	424059	7003200	2	2	3	4	6	3	5	4	4	4	2	3	2	2	5	2	4	7	4	3	2	2	3	2	2	2
K25	423973	7003145	1	3	1	4	3	5	6	6	4	4	3	3	1	6	4	3	3	3	3	5	1	1	1	1	1	1
K26	423876	7003102	2	2	3	4	3	3	4	4	2	3	4	2	2	3	3	6	2	3	2	5	3	3	4	3	3	2
K27	423791	7003049	1	1	1	7	2	4	1	1	1	1	5	3	1	5	2	6	1	2	2	1	2	1	1	2	2	2
K28	423696	7003008	3	2	7	7	1	2	0	1	0	1	9	3	7	4	1	5	1	0	0	1	4	3	1	4	4	4
K29	423514	7003229	2	1	7	2	3	2	2	4	3	1	5	4	11	4	2	6	1	2	1	3	30	28	13	24	16	19
K30	423599	7003286	2	2	3	3	3	2	6	3	2	2	2	2	2	3	3	3	4	5	4	3	4	4	5	4	4	3
K31	423686	7003346	3	3	1	6	3	2	4	3	3	1	2	1	2	1	2	2	3	4	4	4	2	2	3	2	2	2
K32	423774	7003402	1	6	6	3	1	24	3	6	4	1	4	1	1	8	5	3	2	8	5	5	0	0	2	0	0	0
K33	423900	7003474	2	2	1	3	1	2	0	1	1	1	6	2	4	4	1	3	2	1	1	1	2	1	1	2	2	2
K34	423976	7003533	3	1	3	5	4	2	2	1	1	2	4	5	2	1	2	5	2	3	2	2	3	3	4	3	3	2
K35	424061	7003581	1	4	1	3	4	6	8	5	4	4	2	4	1	2	6	3	3	8	6	5	1	1	3	1	1	1
K36	424129	7003610	1	2	3	2	0	10	1	3	1	1	5	1	0	10	1	2	2	4	2	2	0	0	1	0	0	0
K37	424572	7003959	2	5	7	3	1	1	0	1	0	1	9	1	2	9	0	5	0	0	0	1	0	0	0	0	0	0
K38	424488	7003894	1	4	1	1	2	3	3	6	6	4	2	1	1	8	5	2	3	6	4	4	1	1	2	1	1	1
K39	424400	7003842	8	4	3	2	2	22	1	6	18	6	4	7	2	5	4	3	3	5	9	3	6	4	3	5	6	4

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
K40	424624	7003842	2	4	3	2	3	4	4	4	6	3	4	5	4	9	2	7	2	3	2	4	9	8	3	7	7	6
K41	424658	7003732	14	2	3	3	1	19	1	1	3	1	6	14	7	2	2	11	1	1	0	1	18	10	3	12	15	11
K42	424683	7003619	8	4	6	2	2	8	1	4	11	4	4	5	4	52	3	1	1	2	4	3	9	12	3	10	11	7
K43	424927	7003659	1	2	1	1	0	3	0	3	7	1	3	1	2	5	1	2	1	2	1	1	1	1	0	1	1	1
K44	424919	7003769	8	1	4	2	2	11	0	1	2	1	7	19	19	14	3	3	1	1	2	1	11	4	5	5	14	5
K45	424886	7003865	8	1	4	1	1	1	0	1	1	1	7	6	6	2	2	5	1	1	0	1	9	4	3	5	9	5
K46	424849	7003954	11	1	6	4	1	3	0	1	2	1	8	9	11	2	2	7	1	0	0	1	14	7	3	9	14	8
K47	424806	7004046	11	1	4	2	4	8	1	1	5	5	3	16	10	3	9	3	2	2	2	1	20	7	6	9	20	9
K48	424773	7004142	2	3	4	2	2	2	7	5	5	4	2	2	3	1	4	2	3	5	5	6	9	10	6	10	8	8
K49	424731	7004233	3	3	3	2	3	3	5	4	4	3	3	2	4	1	3	3	4	7	6	4	3	3	3	3	2	3
K50	424699	7004319	2	5	4	3	3	3	9	6	9	5	2	3	1	2	4	2	6	11	11	8	2	2	2	2	1	2
K51	424654	7004421	3	4	1	2	2	11	7	5	3	6	1	6	1	31	10	2	5	8	5	5	3	1	4	2	3	2
K52	424613	7004518	5	4	6	2	3	2	6	6	5	4	3	2	7	4	3	4	3	4	4	7	30	31	14	33	29	27
K53	424576	7004607	1	2	3	2	3	2	6	4	3	2	3	2	2	4	3	4	5	6	5	4	6	5	4	5	5	5
K54	424537	7004696	2	1	6	2	3	1	2	3	3	1	4	3	6	5	1	6	2	3	3	2	23	21	8	23	19	19
K55	424490	7004797	1	2	3	2	4	3	7	5	3	3	2	2	1	2	4	2	5	8	6	6	4	4	3	3	3	3
K56	424325	7004719	2	3	3	2	4	4	12	8	6	6	2	3	2	2	7	2	3	8	7	7	4	3	4	3	3	3
K57	424350	7004609	2	2	7	3	4	4	4	4	3	3	2	3	7	2	2	5	2	2	4	5	37	34	15	32	26	26
K58	424373	7004511	3	1	7	4	4	2	1	3	1	1	3	5	10	2	1	7	1	1	2	5	73	65	25	68	58	55
K59	424401	7004413	2	5	3	3	2	3	10	10	5	7	2	3	2	1	6	2	5	9	8	9	10	9	5	8	6	7
K60	424434	7004315	1	4	3	3	3	2	4	5	3	4	1	4	2	1	5	2	4	6	3	4	2	1	2	1	2	1
K61	424471	7004220	2	2	6	3	3	1	3	3	3	1	4	1	5	2	1	4	4	5	6	3	22	20	9	20	14	17
K62	424511	7004131	4	2	6	2	5	2	6	4	3	3	2	1	10	2	2	2	4	4	5	6	38	43	28	44	41	34
K63	424520	7004027	2	2	1	2	3	6	8	5	4	2	4	4	5	22	3	5	6	6	5	5	14	13	12	13	11	11
K64	424286	7004769	4	2	10	2	4	2	7	6	6	3	3	2	13	1	3	5	4	6	6	7	34	32	19	29	22	24
K65	424200	7004712	3	3	3	2	2	2	7	6	5	4	3	2	2	4	4	3	5	8	7	7	5	5	5	5	4	5
K66	424111	7004658	2	1	6	3	3	1	1	1	1	1	5	6	9	3	1	8	1	1	1	2	35	26	10	26	23	22
K69	423826	7004507	4	1	10	4	3	2	0	3	2	1	6	6	6	7	1	13	1	0	0	1	10	7	5	7	8	6
K70	423734	7004456	1	1	4	4	3	1	1	3	1	1	5	3	8	5	1	5	3	2	1	1	6	5	6	6	6	5
K71	423657	7004390	1	5	4	2	3	2	9	9	5	4	2	1	1	5	3	4	1	1	1	6	1	1	1	1	1	1
K72	423566	7004357	2	1	1	4	1	1	0	1	0	1	9	2	1	2	0	8	0	0	0	1	0	0	0	0	0	1
K73	423463	7004304	3	2	10	5	3	2	0	4	2	1	5	4	10	13	1	5	2	1	1	1	9	8	4	8	8	7
K74	423377	7004245	2	4	1	4	2	5	7	8	5	4	1	1	2	2	5	0	5	8	5	6	2	2	3	2	2	2
K77	423118	7004446	9	20	4	3	1	2	0	1	7	1	6	10	59	33	1	1	2	2	3	2	4	3	1	3	5	3
K78	423213	7004508	1	2	1	3	1	9	1	1	0	1	4	2	1	16	2	1	4	3	2	2	0	0	1	0	0	1
K79	423286	7004580	1	6	4	3	1	1	0	1	1	1	5	2	2	13	1	3	1	1	1	1	2	2	1	2	2	2
K80	423391	7004607	1	2	1	4	4	3	5	5	3	4	2	2	1	2	5	2	3	7	5	4	1	1	2	1	1	1
K81	423459	7004678	1	1	1	5	2	2	1	3	1	1	5	2	1	6	2	4	1	1	1	2	3	2	1	2	2	2
K82	423562	7004709	1	1	1	2	2	1	0	1	0	1	6	2	1	1	1	8	2	1	1	1	1	1	1	1	1	1
K83	423638	7004770	3	1	10	1	3	1	2	4	3	1	4	2	8	2	1	7	2	2	4	4	67	62	17	67	45	53
K84	423728	7004820	4	1	13	1	2	1	0	1	0	1	4	4	6	15	1	9	1	1	2	3	48	37	8	43	40	35
K85	423807	7004878	1	1	1	3	2	2	2	1	0	1	4	2	1	1	1	6	4	3	2	2	2	2	1	2	2	2
K86	423898	7004928	1	1	3	3	3	1	3	3	2	1	4	2	1	1	1	8	2	2	2	2	1	1	2	1	1	1
K87	423982	7004990	2	2	4	2	3	2	7	5	5	4	2	3	3	1	4	4	3	4	5	6	9	9	5	8	5	6
K88	424064	7005029	5	2	7	2	2	1	7	6	4	3	2	3	9	3	3	4	3	4	5	7	41	47	19	44	29	34
K89	424165	7005089	3	6	3	1	1	4	4	9	8	13	0	2	5	2	12	1	4	11	11	6	2	3	4	3	2	3

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
K90	426164	7002346	2	4	1	3	2	4	5	8	6	4	2	4	2	3	6	4	5	7	6	4	4	4	3	4	4	3
K91	426238	7002380	3	2	3	2	2	4	6	5	4	6	1	3	3	3	7	1	4	8	6	3	2	2	3	2	2	2
K92	426345	7002387	2	3	1	4	3	4	6	5	5	4	3	3	2	2	4	3	6	12	7	4	2	2	3	2	2	1
K93	426447	7002409	4	2	10	5	3	5	7	6	8	3	2	4	6	5	4	3	4	6	5	6	17	13	10	14	15	12
K94	426562	7002389	2	4	10	1	3	6	4	12	27	8	2	4	2	4	6	1	4	12	9	6	2	2	2	1	1	1
K95	426624	7002464	4	2	10	2	2	2	3	4	8	2	4	5	12	4	2	5	2	2	3	4	35	28	13	26	22	22
K96	426653	7002562	9	4	16	2	2	8	4	17	32	9	2	5	13	8	5	2	2	8	7	8	38	38	10	33	24	26
K97	426685	7002664	2	4	4	0	1	3	9	10	19	5	2	2	2	3	5	3	2	7	6	7	5	8	4	7	4	5
K98	426772	7002720	3	4	7	2	1	3	9	10	15	6	3	3	3	2	6	3	3	6	5	8	4	5	5	4	3	4
K99	426838	7002804	2	2	3	2	1	4	9	5	8	4	3	3	1	4	5	4	2	7	5	5	3	3	4	3	3	3
K100	426926	7002862	3	4	3	1	1	8	10	8	12	9	2	3	3	7	9	3	2	7	4	6	6	6	5	6	5	4
K101	427004	7002931	2	2	3	1	1	2	5	4	9	3	4	2	2	4	4	4	1	2	2	5	3	4	2	3	3	3
K102	427059	7003023	4	1	7	3	2	2	3	4	4	2	3	4	8	2	3	5	2	3	3	3	12	12	7	11	8	9
K103	427124	7003098	7	2	7	6	2	4	7	6	7	5	2	3	14	4	5	3	3	4	4	7	24	26	12	22	12	17
K104	427181	7003170	9	1	13	2	2	2	3	4	4	1	5	8	15	3	2	7	1	1	1	6	63	46	18	52	62	44
K105	427187	7003091	8	2	6	2	1	5	2	4	7	2	4	5	9	5	5	4	2	6	6	3	18	14	6	15	16	13
K106	427106	7002641	2	1	4	2	2	2	1	1	2	1	6	9	8	13	2	11	1	2	2	1	8	7	9	6	6	5
K107	427148	7002591	4	1	9	2	6	2	2	4	4	3	3	4	28	4	1	4	3	3	4	4	45	31	15	34	41	29
K108	427158	7002525	5	6	6	1	3	24	4	13	20	9	3	4	12	19	7	3	3	5	4	6	4	6	7	5	3	4
K109	427220	7002482	2	7	1	1	3	5	4	9	7	6	1	6	3	62	6	2	4	5	4	5	3	2	6	2	2	2
K110	427079	7002363	6	3	6	1	2	8	11	10	8	7	2	4	8	17	6	1	4	9	9	7	24	22	13	23	26	19
K111	423010	7002040	1	7	1	5	2	4	7	10	9	6	1	1	1	2	5	1	5	9	5	7	1	1	2	1	1	1
K112	423077	7001969	1	2	6	6	3	2	1	4	1	1	3	1	1	1	1	3	4	4	4	2	3	3	2	2	2	2
K113	423187	7001945	1	4	1	7	1	1	1	1	0	1	3	1	1	10	1	1	3	2	2	2	1	1	1	1	1	1
K114	423252	7001865	1	4	1	6	2	2	4	5	3	1	2	1	1	2	3	2	3	3	2	4	1	1	1	1	1	1
K115	423318	7001803	1	3	1	7	3	5	7	8	5	3	1	2	1	2	5	2	4	5	4	8	2	2	3	2	2	2
K116	423410	7001738	1	4	1	5	2	2	6	8	6	1	2	1	1	2	2	1	4	4	2	4	1	1	1	1	1	1
K117	423462	7001632	1	1	1	7	1	6	0	1	0	1	5	1	0	5	1	1	2	2	0	1	0	0	0	0	0	0
K118	423559	7001603	1	1	1	4	1	2	0	3	2	1	4	1	1	3	1	1	4	2	2	1	0	0	0	0	0	1
K119	423657	7001606	1	4	1	6	2	13	10	6	7	4	2	1	1	6	7	2	7	16	9	6	1	1	4	1	1	1
K120	423755	7001604	1	1	1	8	2	2	0	3	1	1	3	1	1	2	1	1	4	3	1	1	1	1	1	1	1	1
K121	423878	7001563	1	1	1	5	2	2	1	1	0	1	4	2	1	2	2	4	2	1	1	1	3	2	2	3	3	2
K122	423973	7001605	1	2	1	8	2	1	1	3	2	1	2	1	1	7	1	2	3	3	2	2	1	1	1	1	1	1
K123	424142	7001438	4	1	7	8	6	2	1	1	1	1	3	4	8	1	3	5	2	1	0	2	12	9	10	10	12	9
K124	424241	7001421	1	2	1	1	2	2	4	5	3	1	2	1	0	5	3	2	5	5	5	5	1	1	1	1	1	1
K125	424346	7001410	2	2	4	2	4	2	8	5	5	1	3	2	4	1	3	4	3	4	6	5	4	4	4	3	2	3
K126	424438	7001372	2	1	4	4	3	1	0	1	0	1	3	2	4	2	1	8	1	1	0	1	20	12	7	14	17	12
K127	424610	7001319	6	1	7	7	1	1	0	1	1	1	5	2	7	4	1	8	0	0	0	1	21	16	3	19	14	16
K128	424714	7001282	1	2	1	4	3	1	2	1	0	1	3	2	2	0	2	4	4	2	2	1	3	2	2	2	2	2
K129	424903	7001333	6	1	3	3	1	1	0	1	2	1	7	22	9	8	1	5	1	1	0	1	6	2	1	3	7	3
K130	427495	7005110	3	5	7	6	3	5	7	13	11	3	1	2	4	6	5	1	3	15	9	5	5	6	4	6	6	5
K131	427460	7005210	4	4	7	8	3	5	14	9	14	3	1	2	15	2	5	1	3	12	8	9	22	23	11	22	21	18
K132	427428	7005310	8	9	4	1	24	26	11	15	33	8	1	4	10	5	7	1	3	16	7	11	14	13	8	13	16	11
K133	427397	7005393	2	10	1	2	4	7	17	28	18	8	0	2	2	4	9	0	5	13	9	12	1	2	3	1	2	2
K134	427331	7005484	2	6	1	1	3	3	6	14	9	3	0	1	1	10	3	0	7	14	5	9	1	2	2	2	1	2
K135	427318	7005575	2	3	13	1	3	3	3	14	10	1	1	1	3	15	2	1	3	11	6	4	3	4	2	4	3	3

ID	UTM E	UTM N	Cu	Mo	Au	Ag	Pb	Zn	Ti	As	Sb	Bi	Ca	Ni	U	Mn	Fe	Mg	Rb	Cs	Tl	W	Y	Nd	Sc	Sm	Yb	Eu
K136	427283	7005670	1	6	1	0	2	7	8	37	27	11	0	1	1	2	6	0	4	11	6	9	1	1	2	1	1	1
K137	427246	7005768	6	4	9	2	2	10	15	17	17	5	1	5	3	2	10	2	2	11	7	8	5	3	6	3	7	3
K139	427208	7005889	3	6	13	1	3	8	15	35	27	6	0	2	3	7	7	1	4	14	9	12	3	4	4	4	4	3
K140	427171	7005963	6	2	6	2	3	12	3	4	6	2	1	5	5	3	6	2	2	5	3	2	10	5	5	6	10	6
K141	427117	7006047	6	3	6	1	3	13	4	8	9	3	2	3	7	7	4	2	2	5	4	5	13	15	8	15	10	13
K143	427058	7006231	4	3	4	2	2	8	3	8	7	1	2	2	4	10	4	2	3	6	5	4	5	6	3	7	5	6
K144	427025	7006322	5	4	3	1	2	14	2	6	8	1	3	4	3	3	6	2	3	5	4	2	5	4	4	5	5	4
K145	426991	7006431	4	3	4	1	2	10	4	10	9	4	2	4	5	8	5	3	2	7	4	5	10	12	5	11	9	10
K146	426920	7006508	3	6	4	2	3	8	6	8	7	2	1	3	4	7	4	1	5	8	5	11	8	10	5	10	8	8
K147	426878	7006585	18	2	6	3	4	19	1	1	9	1	4	31	24	6	4	4	1	3	2	2	17	9	7	12	23	11

Table 3. KRYPTOS Property Twig Values 2017.							
ID	UTM E	UTM N	Mo	Cu	Au	Ag	Ni
R19	426192	7005546	0.4	55.67	3.3	935	6.7
R40	425534	7003971	0.95	65.34	34	874	19.1
R43	425357	7003797	9.39	93.67	7.4	135	40.4
R73	424471	7006342	0.66	61.68	2.6	818	12.2
R109	427184	7001464	0.65	60.29	5.3	293	5.4
R111	427320	7001606	2.16	83.15	4	730	56.6
R124	427358	7001156	0.66	66.67	2.9	829	10.2
R141	417519	7010296	1.44	55.73	6.4	539	3.8
R155	426618	7006202	0.34	47.68	3.5	324	2.3
R156	426507	7006280	0.63	70.61	6	1922	18.6
R160	426392	7006639	0.51	47.01	2.9	624	1.5
K3	426390	7005881	0.45	49.19	1.1	456	3.5
K8	426198	7006362	0.67	46.82	1.3	1185	21
K9	426153	7006438	0.5	49.37	1.5	576	5.8
K10	426124	7006535	0.61	56.16	1.5	1025	22.6
K16	426061	7005832	3.19	46.45	1.9	692	21.6
K67	424013	7004596	0.57	46.21	2.8	418	3.5
K68	423917	7004553	0.75	39.7	2.4	312	3.9
K75	423296	7004180	1.58	86.01	1.8	266	22.7
K76	423033	7004395	0.28	32.58	1.2	358	1.1
K142	427099	7006146	1.43	54.9	1.8	555	3.2

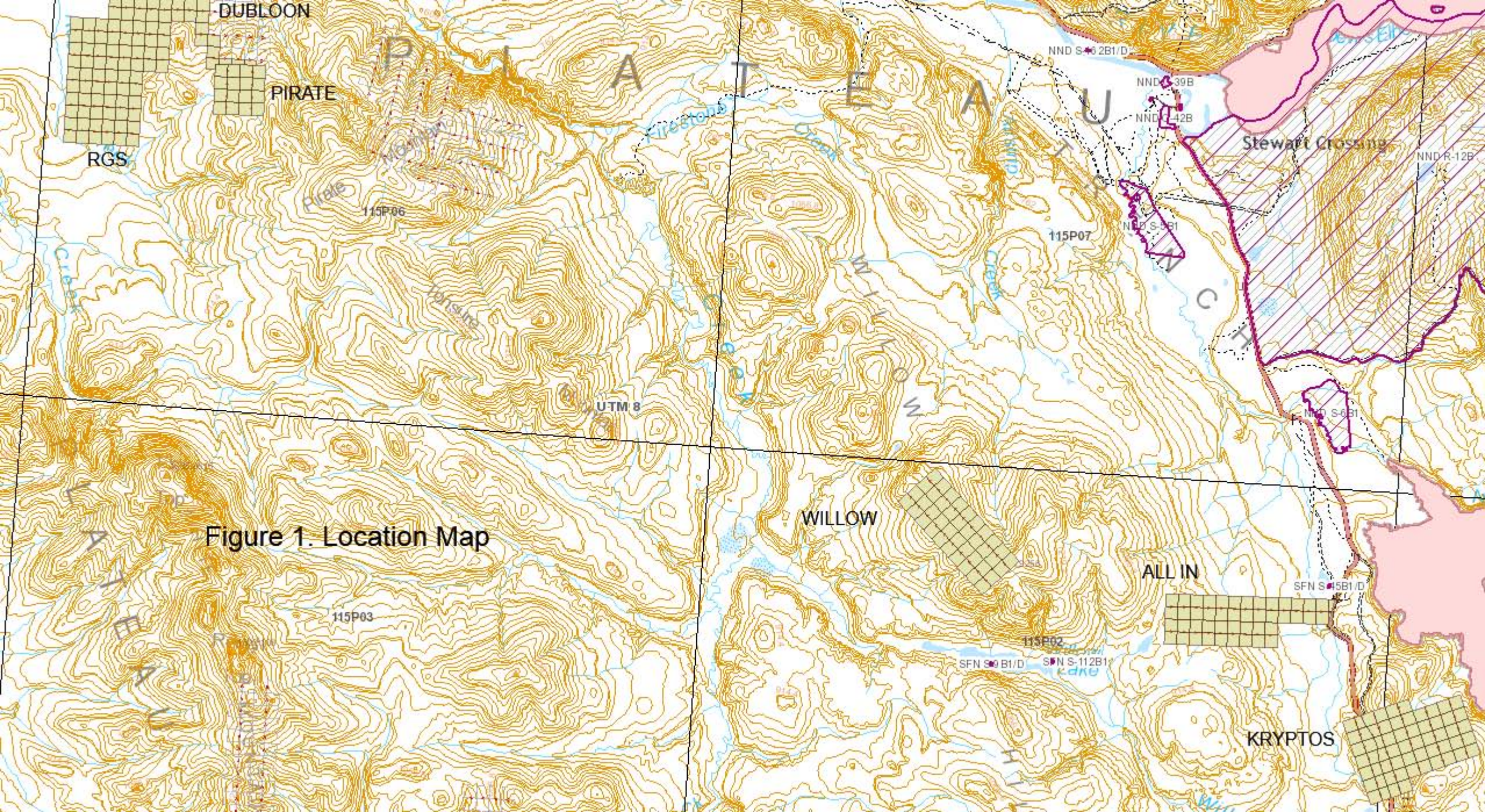


Figure 1. Location Map

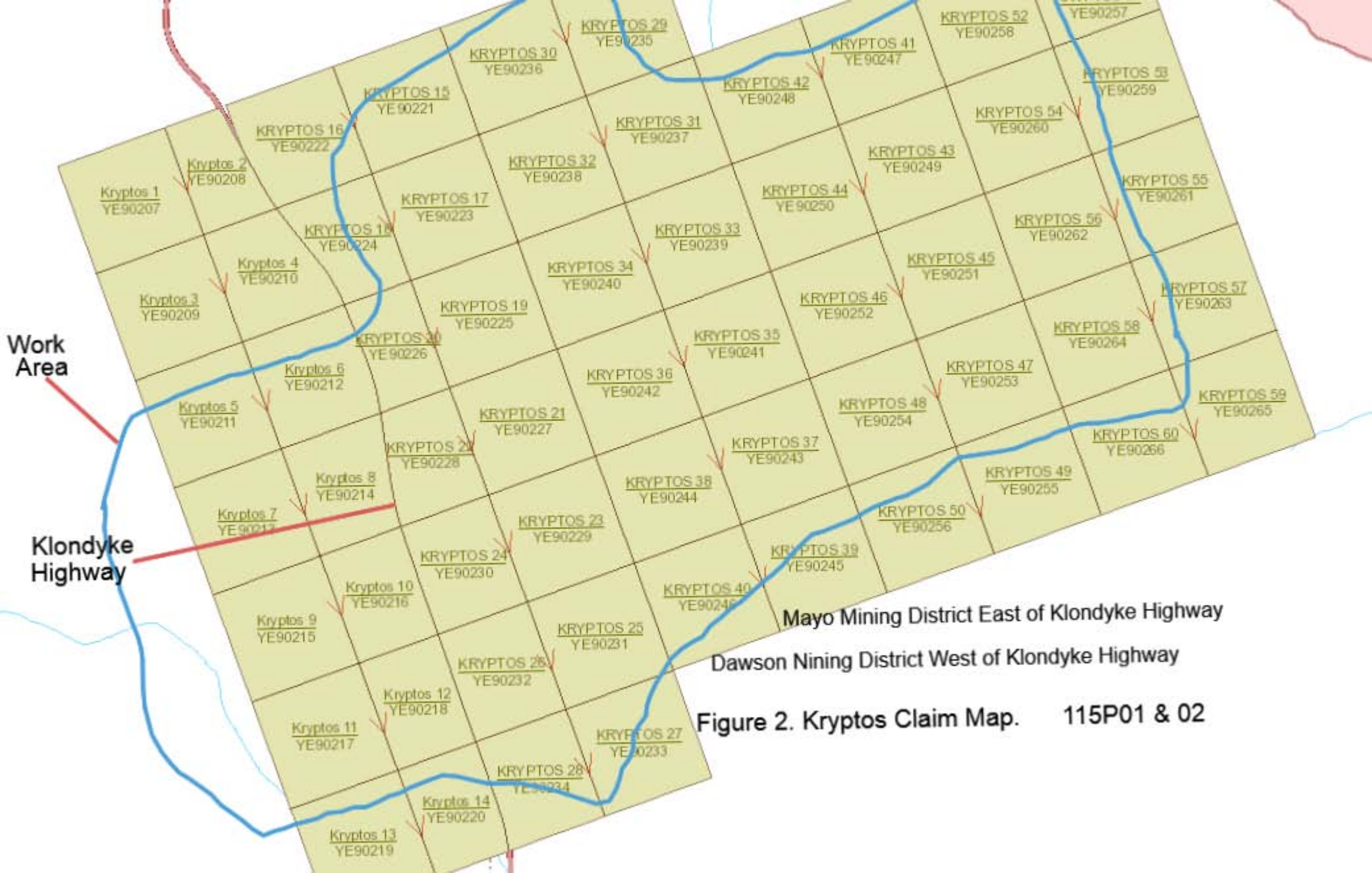


Figure 2. Kryptos Claim Map. 115P01 & 02

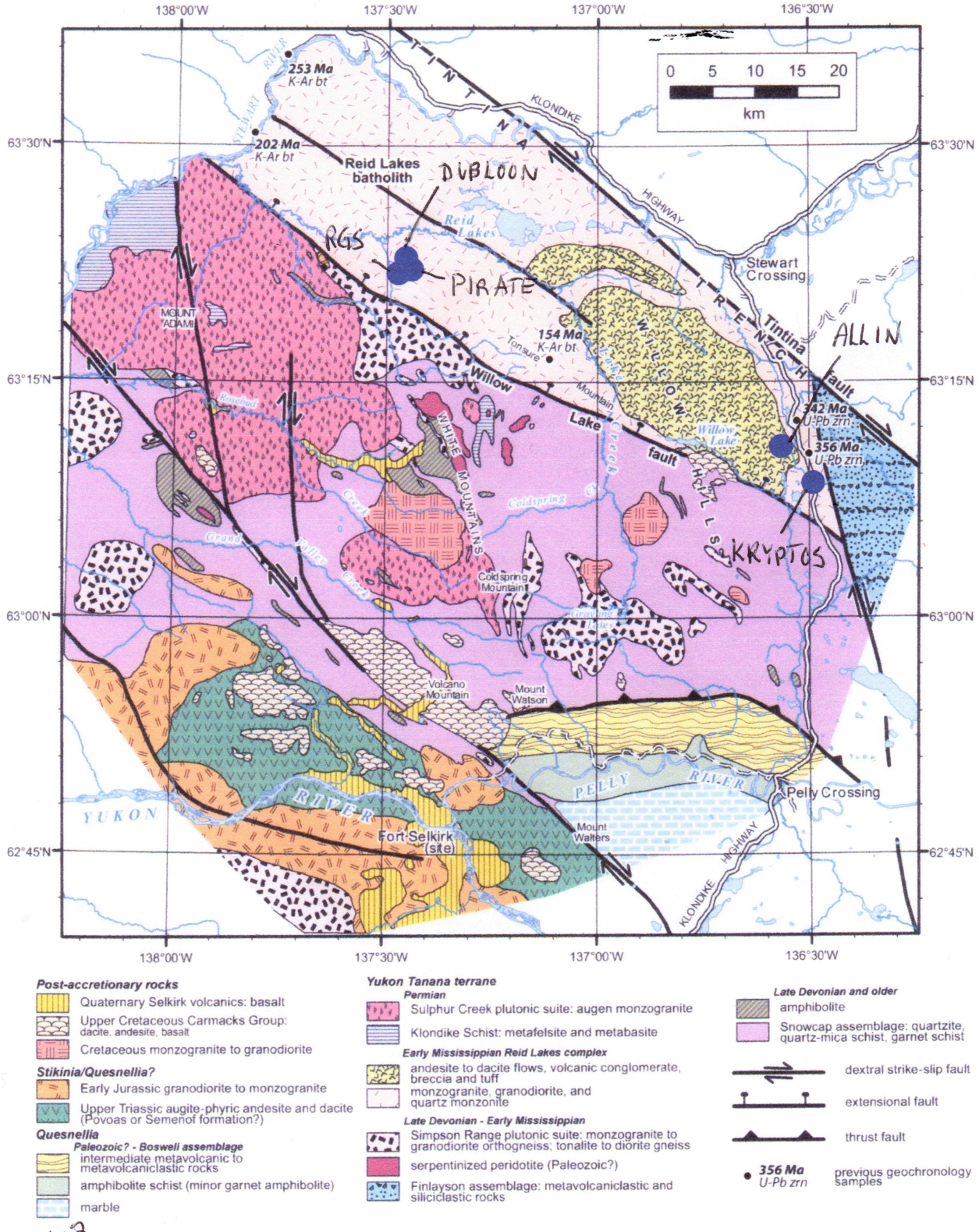


Figure 3. *Simplified geological map of southwest McQuesten-northern Carmacks area (after J.J. Ryan, M. Colpron and N. Hayward, in prep.).*

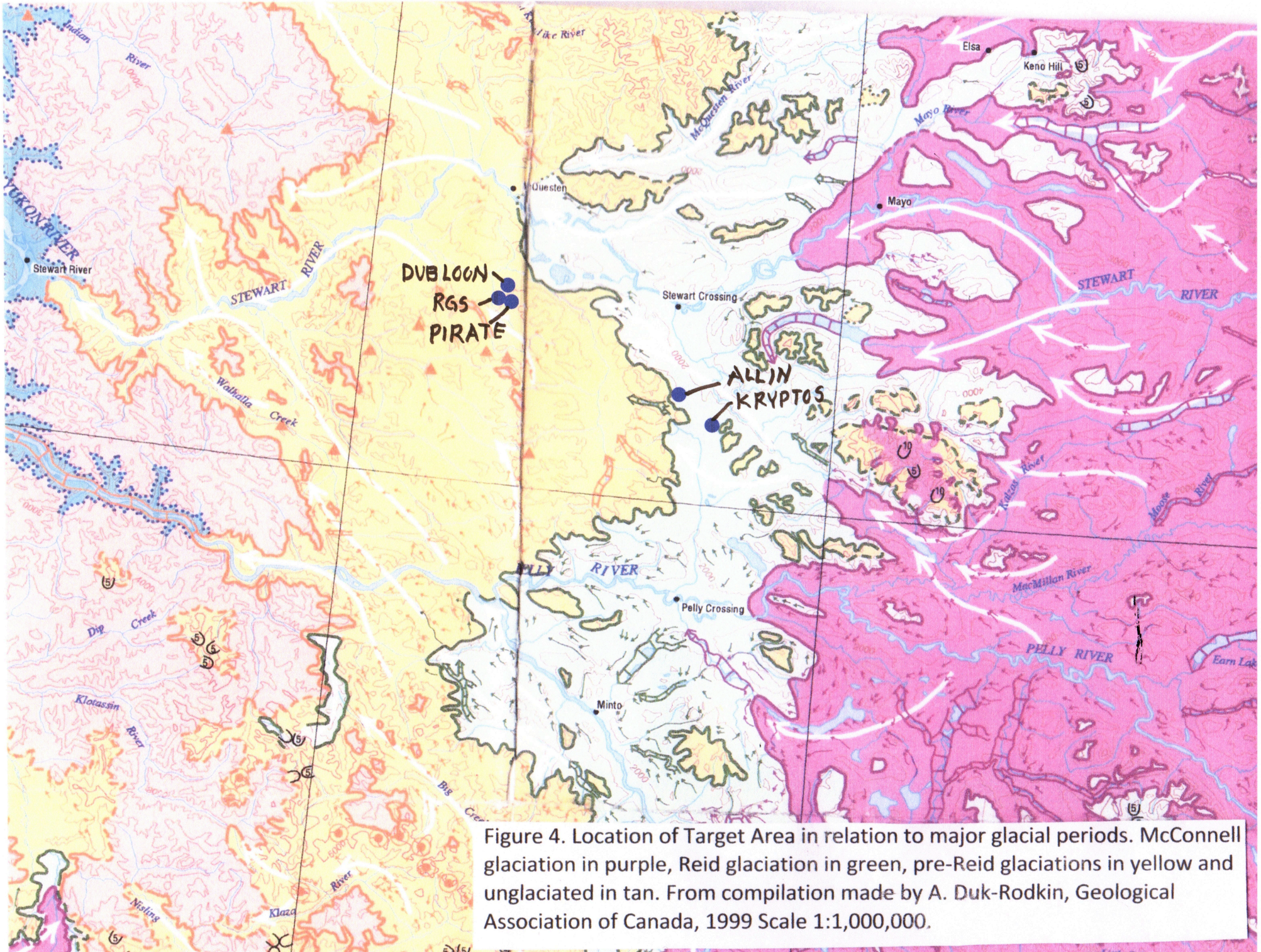


Figure 4. Location of Target Area in relation to major glacial periods. McConnell glaciation in purple, Reid glaciation in green, pre-Reid glaciations in yellow and unglaciated in tan. From compilation made by A. Duk-Rodkin, Geological Association of Canada, 1999 Scale 1:1,000,000.

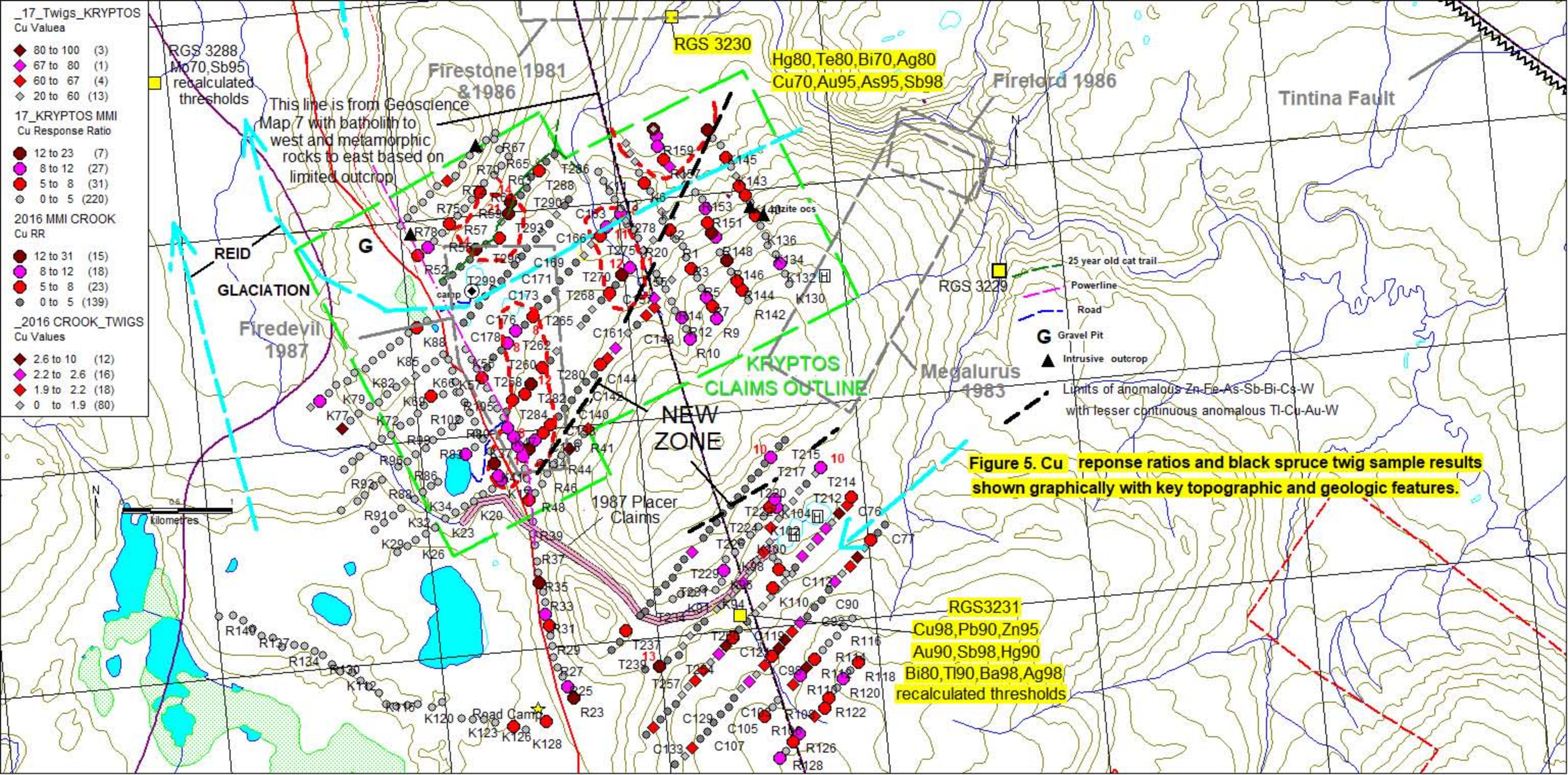


Figure 5. Cu reponse ratios and black spruce twig sample results shown graphically with key topographic and geologic features.

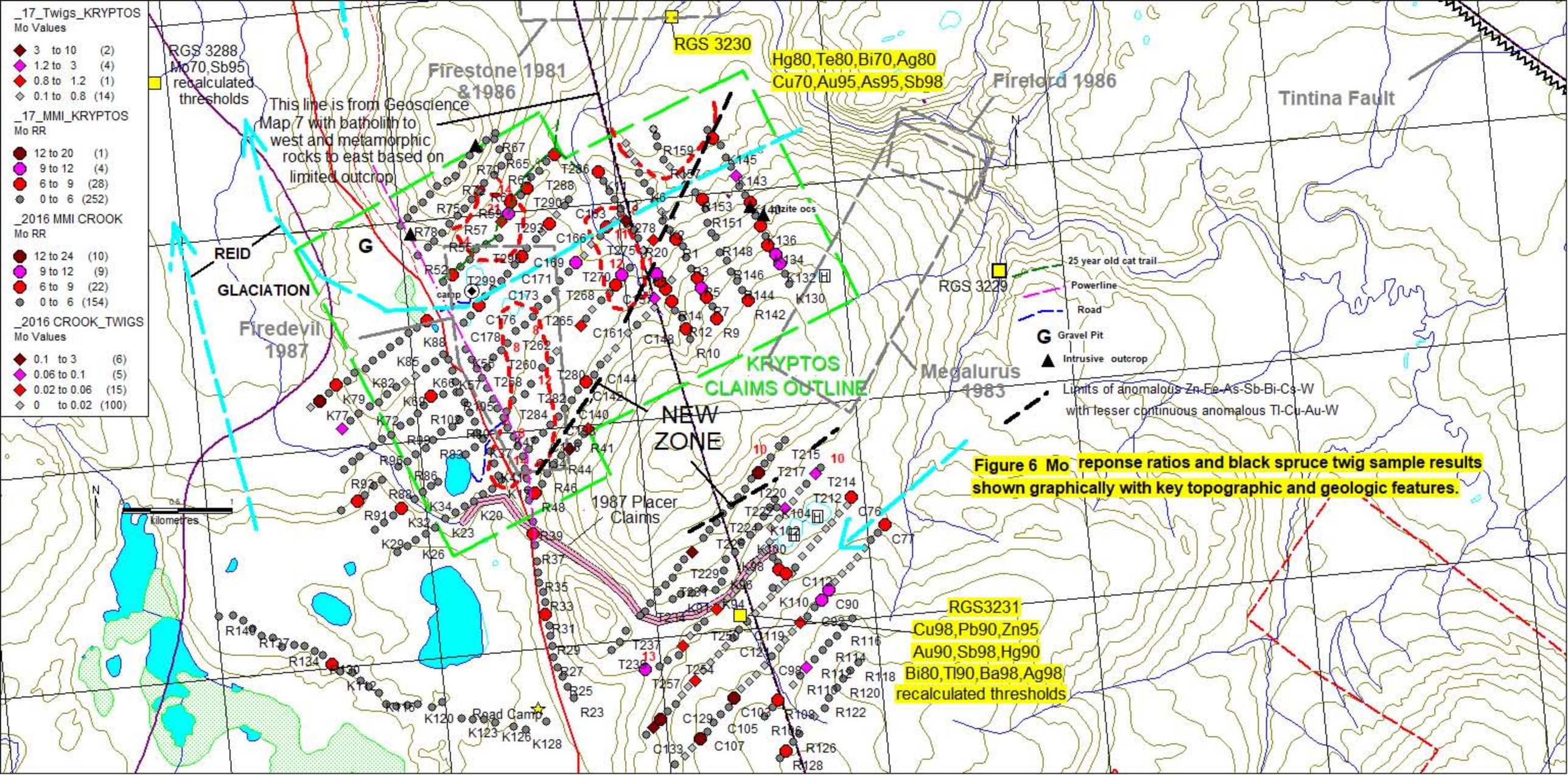


Figure 6 Mo reponse ratios and black spruce twig sample results shown graphically with key topographic and geologic features.

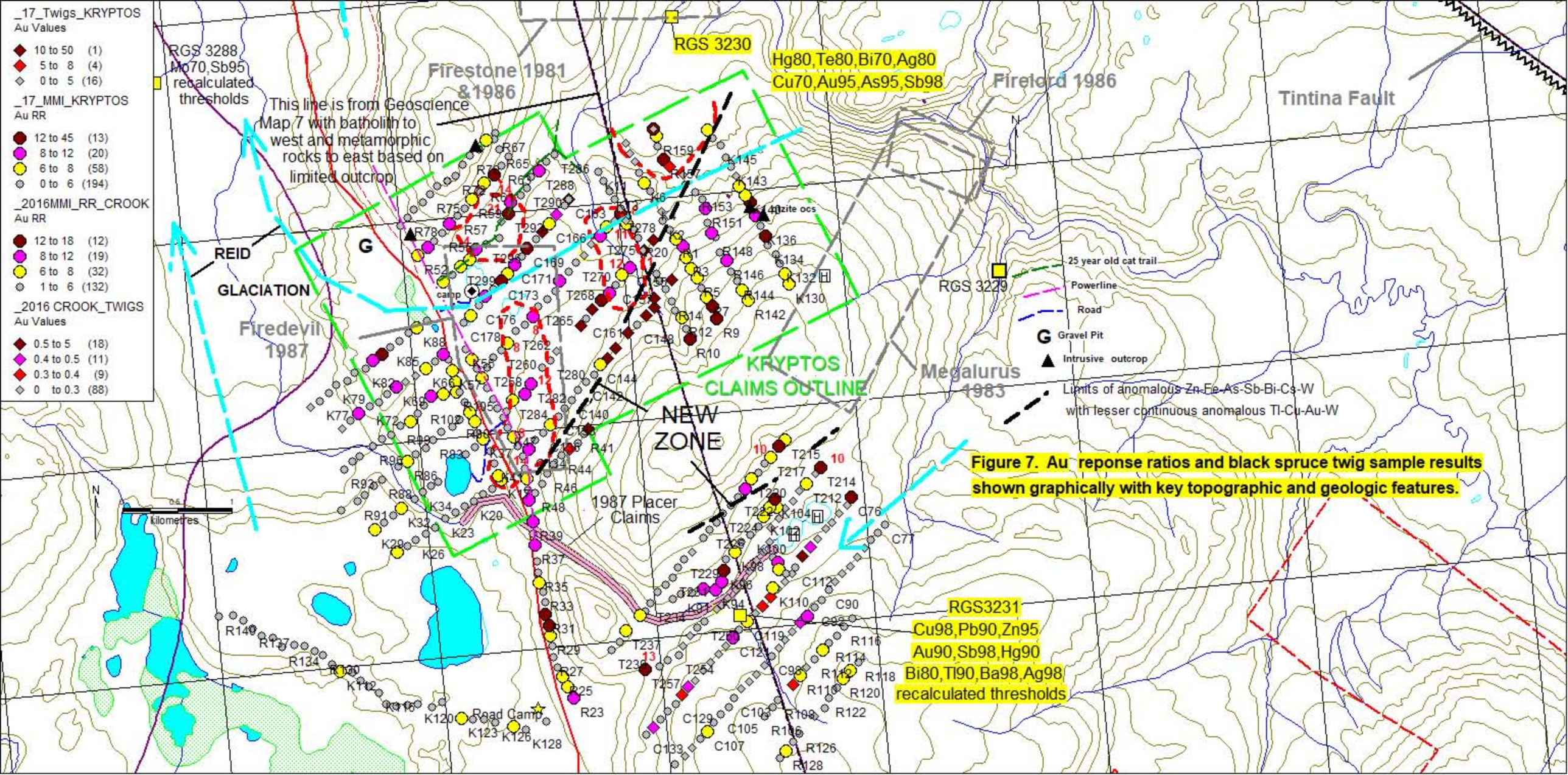


Figure 7. Au reponse ratios and black spruce twig sample results shown graphically with key topographic and geologic features.

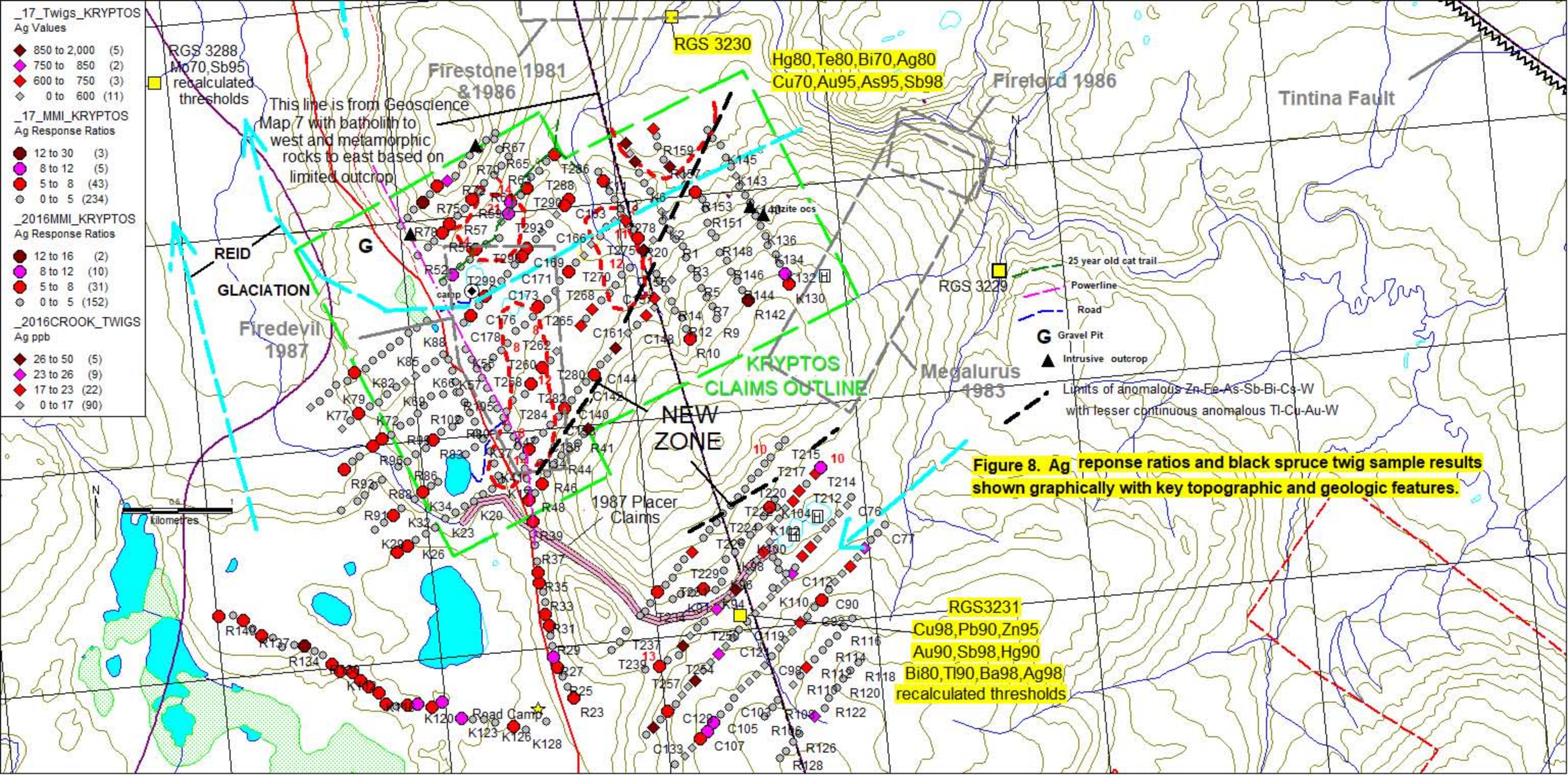


Figure 8. Ag reponse ratios and black spruce twig sample results shown graphically with key topographic and geologic features.

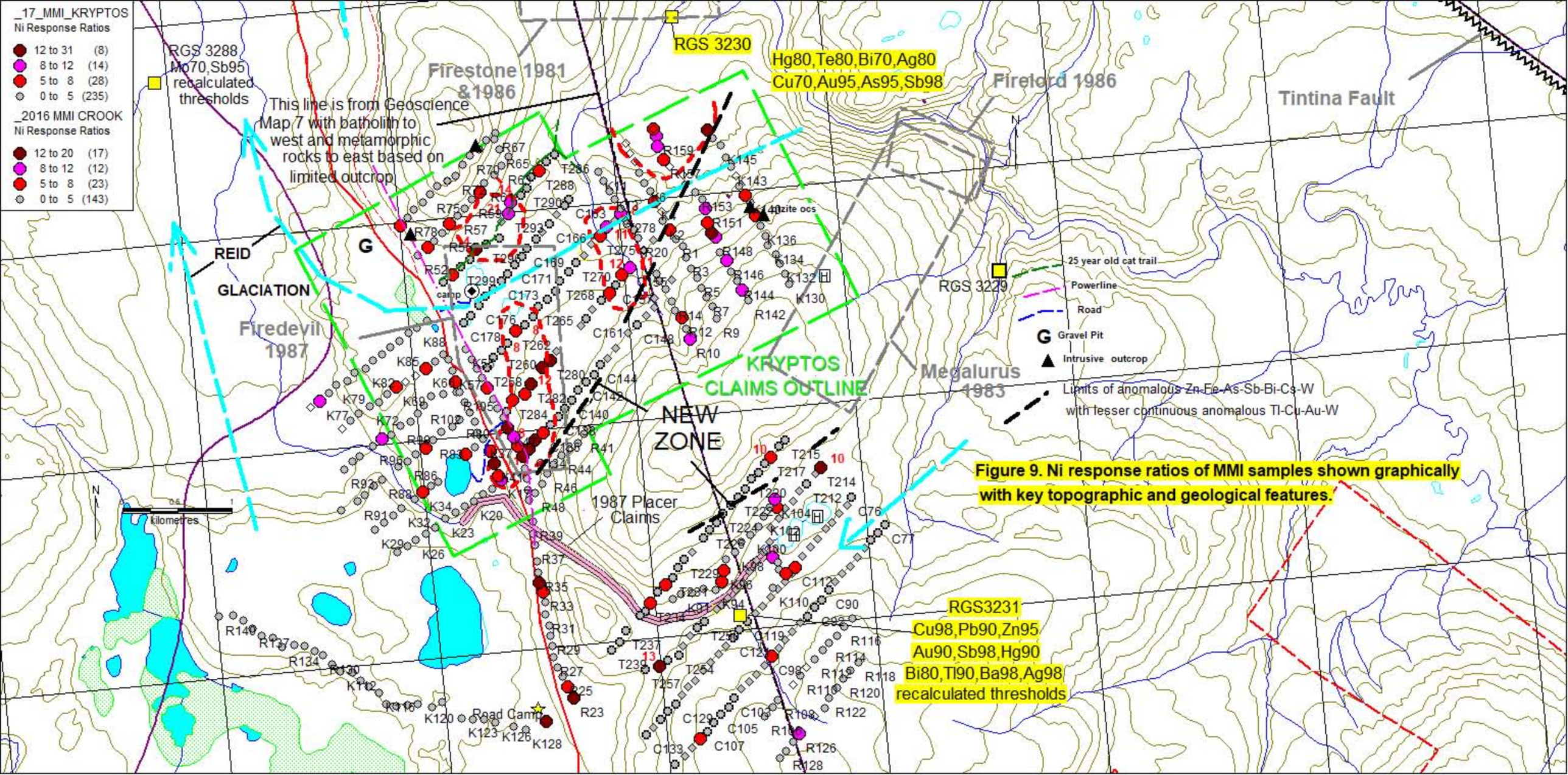
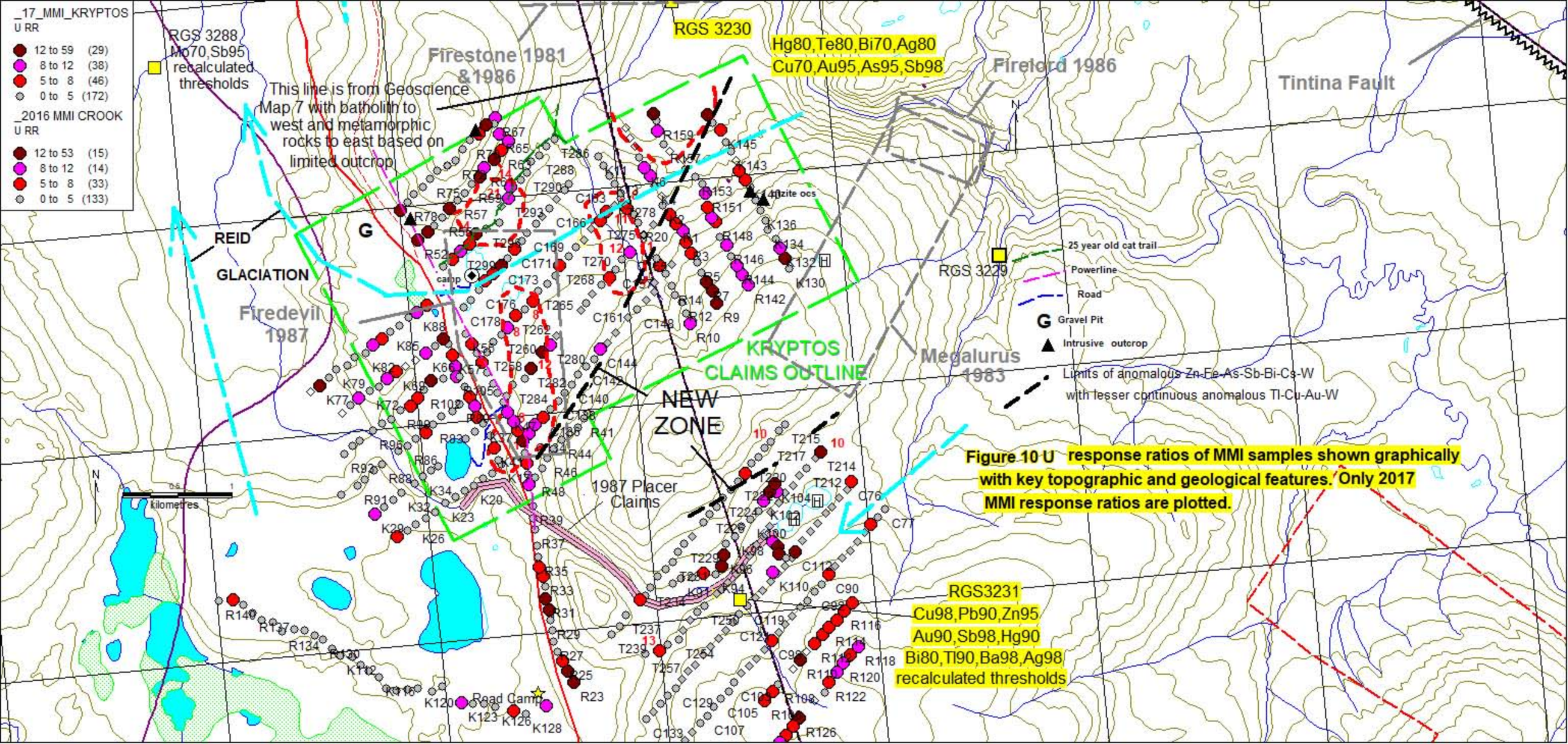


Figure 9. Ni response ratios of MMI samples shown graphically with key topographic and geological features.


_17_MMI_KRYPTOS
U RR
12 to 59 (29)
8 to 12 (38)
5 to 8 (46)
0 to 5 (172)
_2016 MMI CROOK
U RR
12 to 53 (15)
8 to 12 (14)
5 to 8 (33)
0 to 5 (133)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
Firestone 1981 &1986
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 10 U response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres

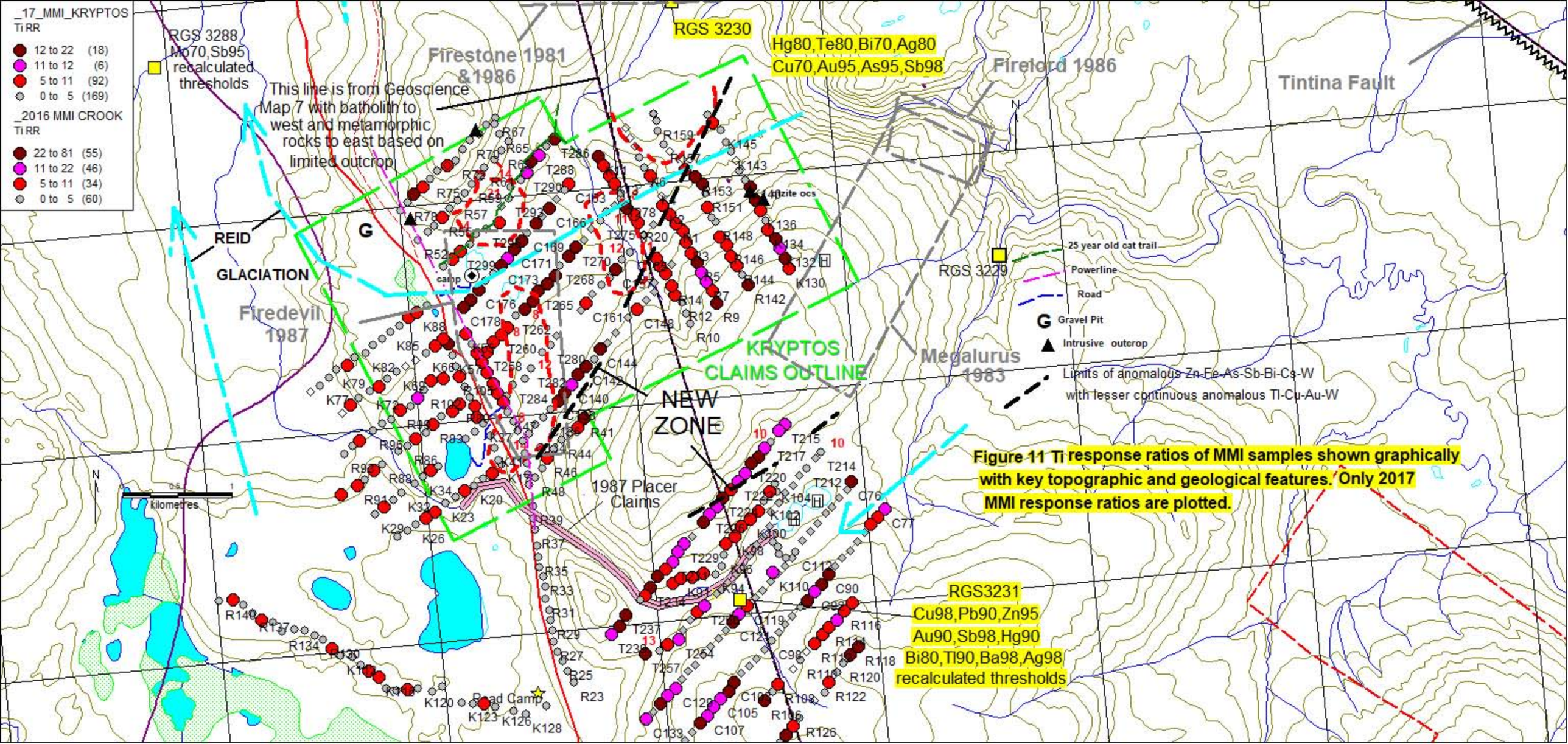
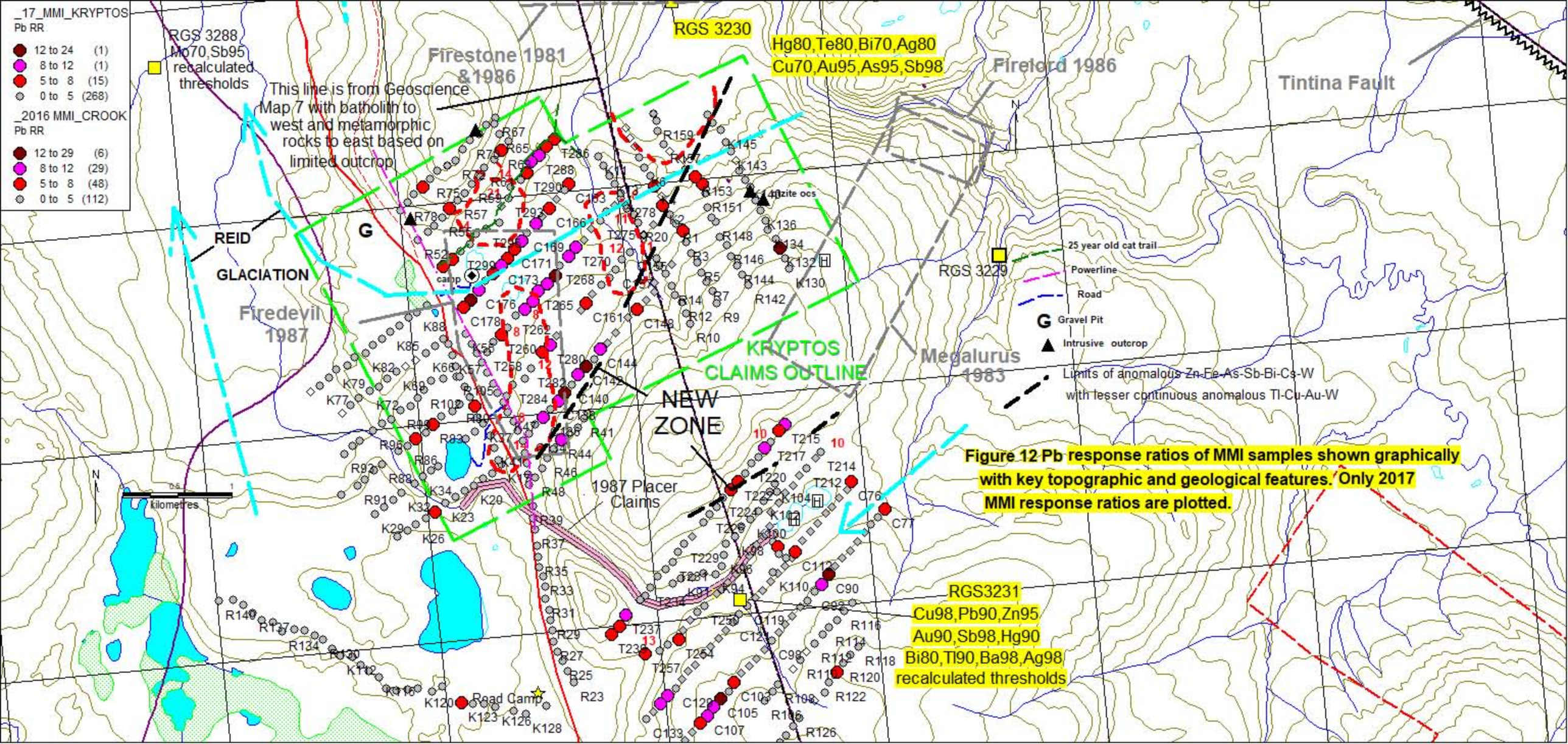
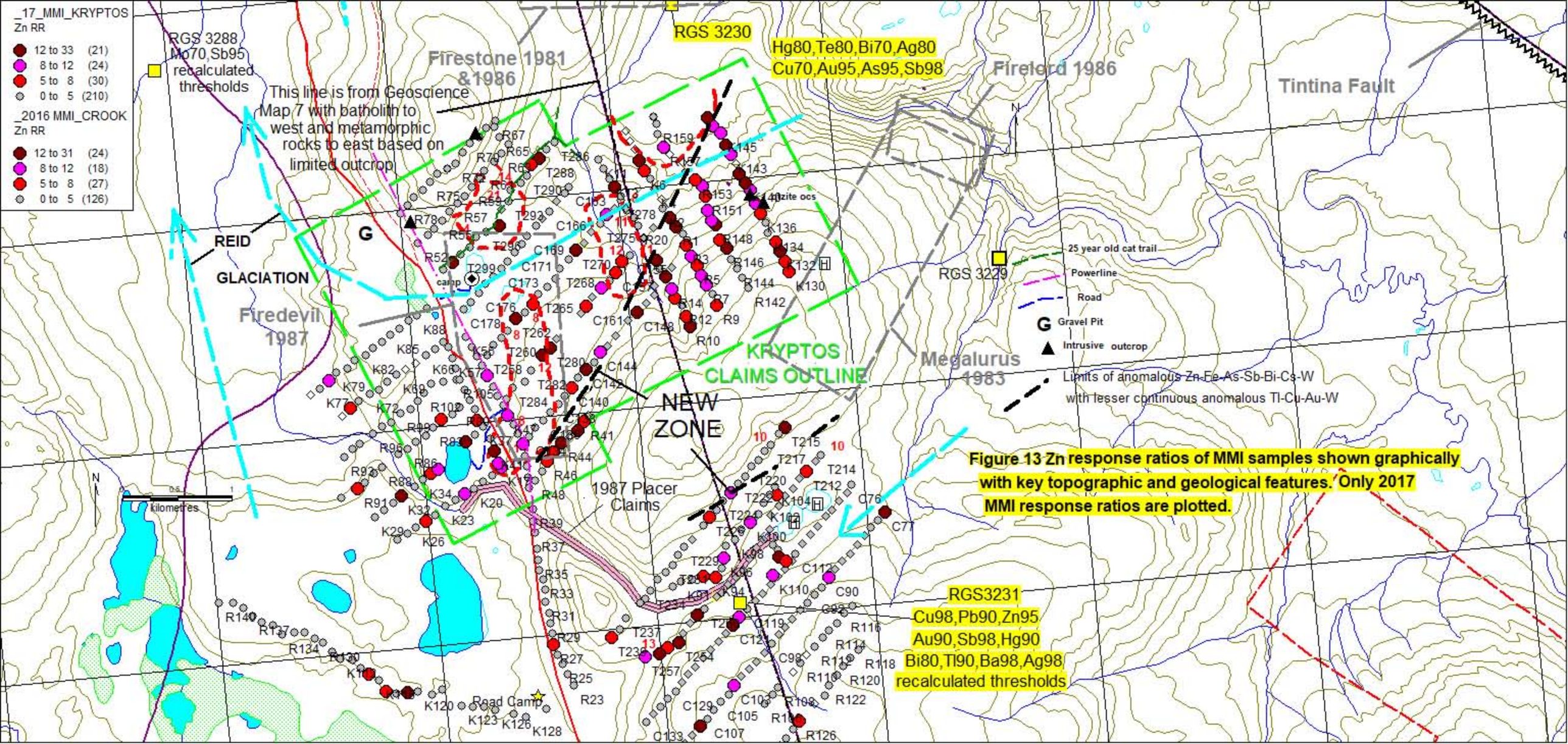
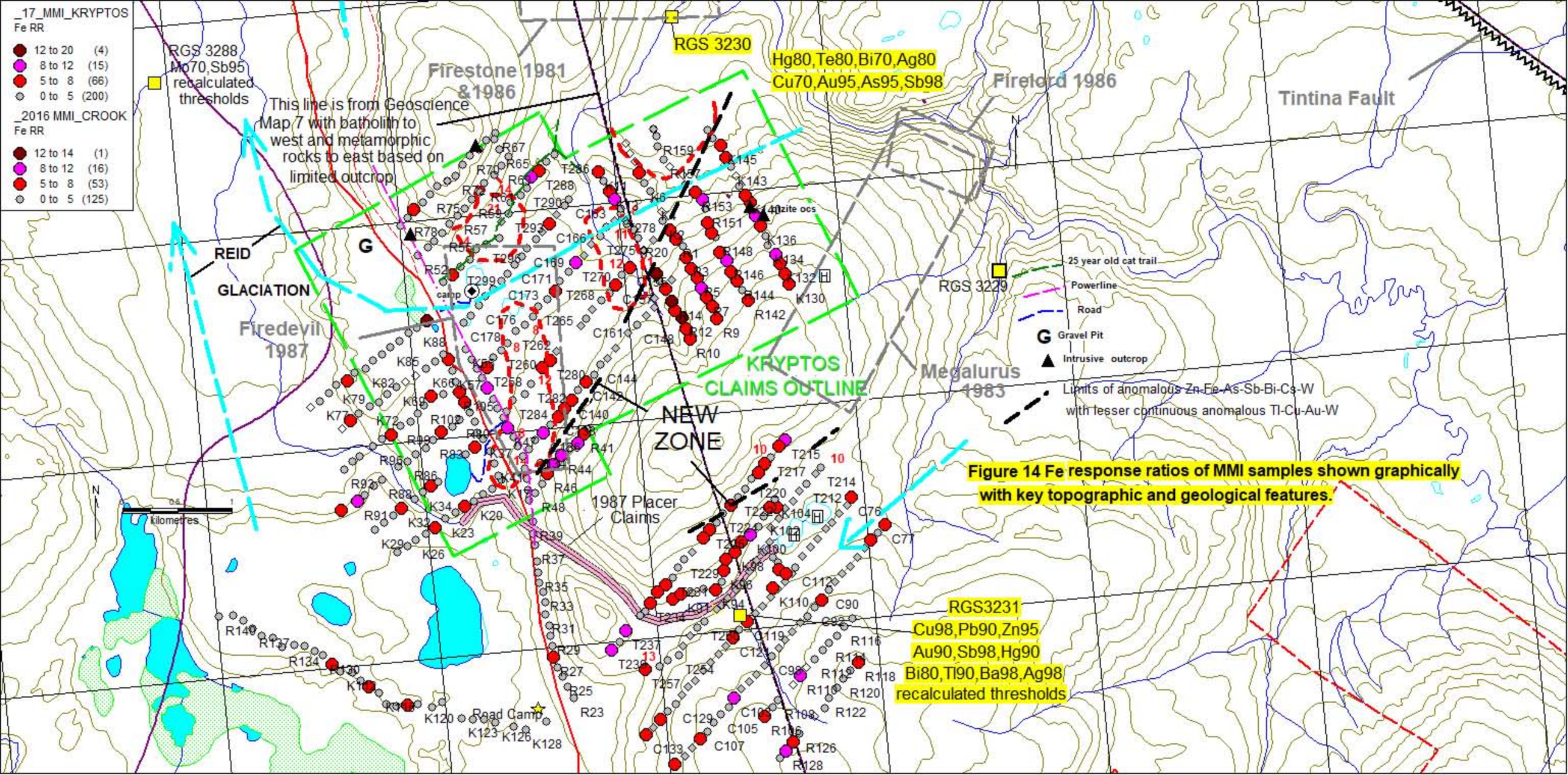


Figure 11 Ti response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.


_17_MMI_KRYPTOS
Pb RR
12 to 24 (1)
8 to 12 (1)
5 to 8 (15)
0 to 5 (268)
_2016 MMI_CROOK
Pb RR
12 to 29 (6)
8 to 12 (29)
5 to 8 (48)
0 to 5 (112)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
Firestone 1981 &1986
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 12 Pb response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres


_17_MMI_KRYPTOS
Zn RR
12 to 33 (21)
8 to 12 (24)
5 to 8 (30)
0 to 5 (210)
_2016 MMI_CROOK
Zn RR
12 to 31 (24)
8 to 12 (18)
5 to 8 (27)
0 to 5 (126)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firestone 1981 &1986
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 13 Zn response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres


_17_MMI_KRYPTOS
Fe RR
12 to 20 (4)
8 to 12 (15)
5 to 8 (66)
0 to 5 (200)
_2016 MMI_CROOK
Fe RR
12 to 14 (1)
8 to 12 (16)
5 to 8 (53)
0 to 5 (125)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
Firestone 1981 &1986
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 14 Fe response ratios of MMI samples shown graphically with key topographic and geological features.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres

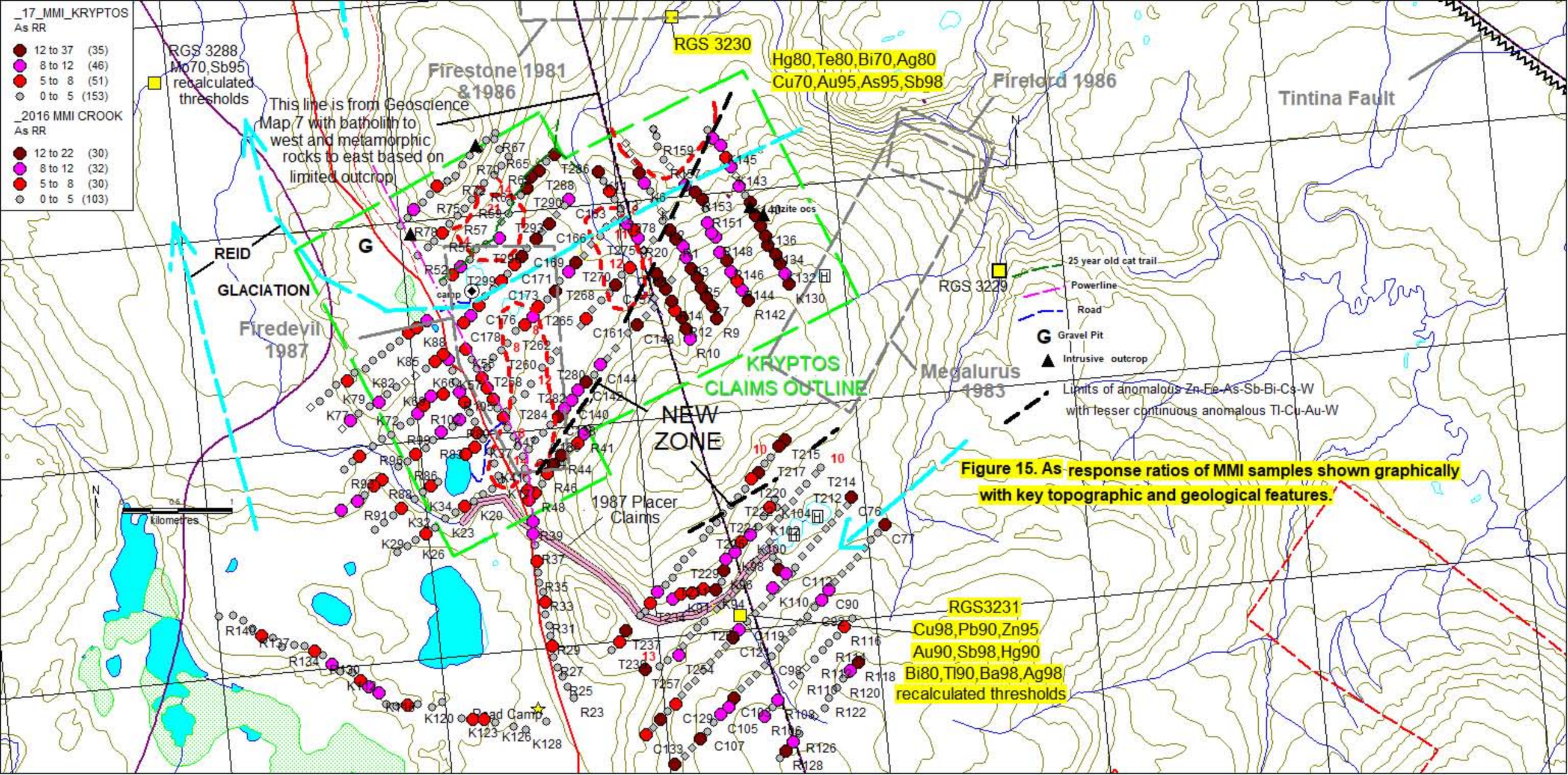
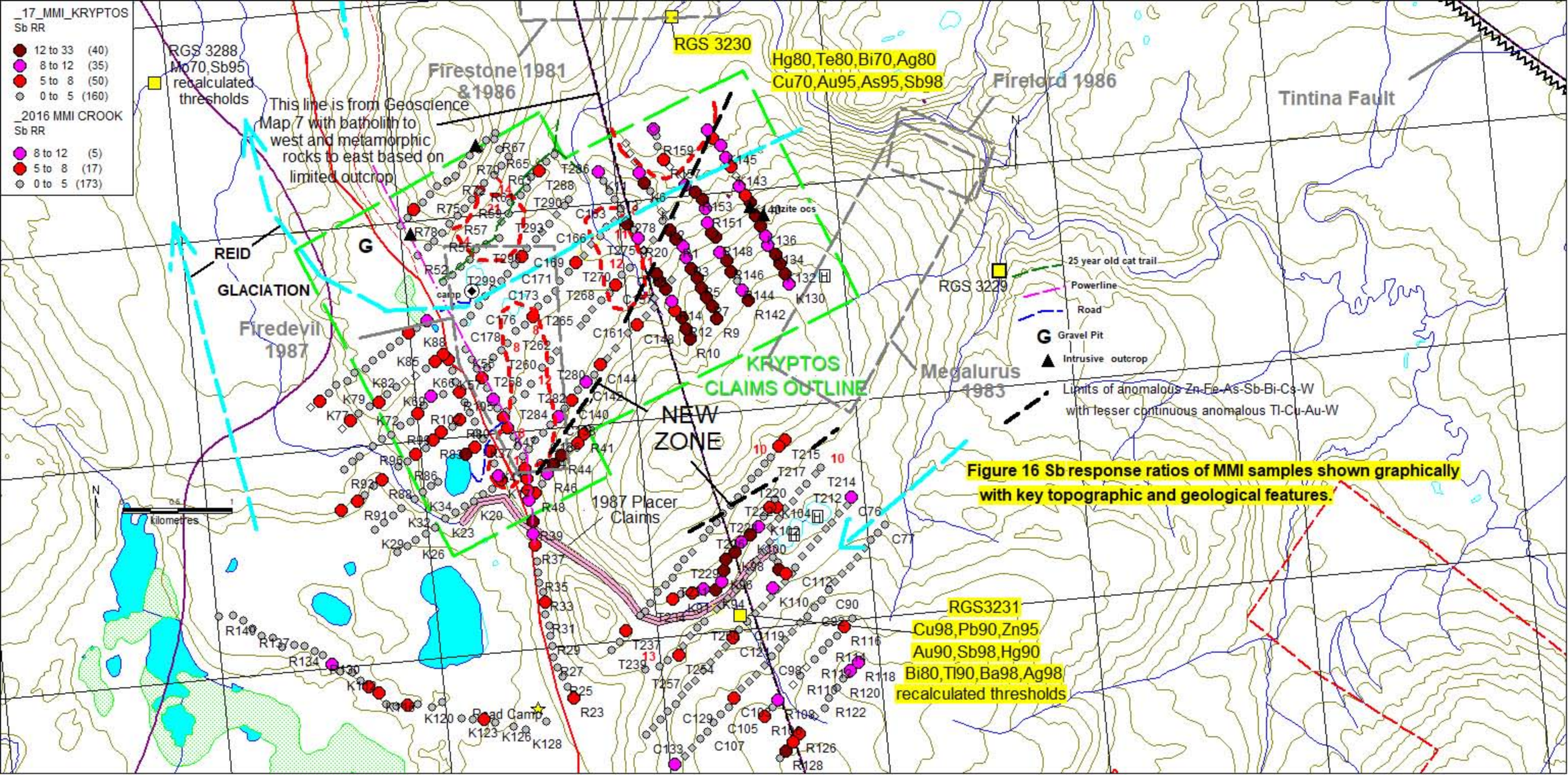


Figure 15. As response ratios of MMI samples shown graphically with key topographic and geological features.


_17_MMI_KRYPTOS
Sb RR
12 to 33 (40)
8 to 12 (35)
5 to 8 (50)
0 to 5 (160)
_2016 MMI CROOK
Sb RR
8 to 12 (5)
5 to 8 (17)
0 to 5 (173)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
Firestone 1981 &1986
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 16 Sb response ratios of MMI samples shown graphically with key topographic and geological features.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres

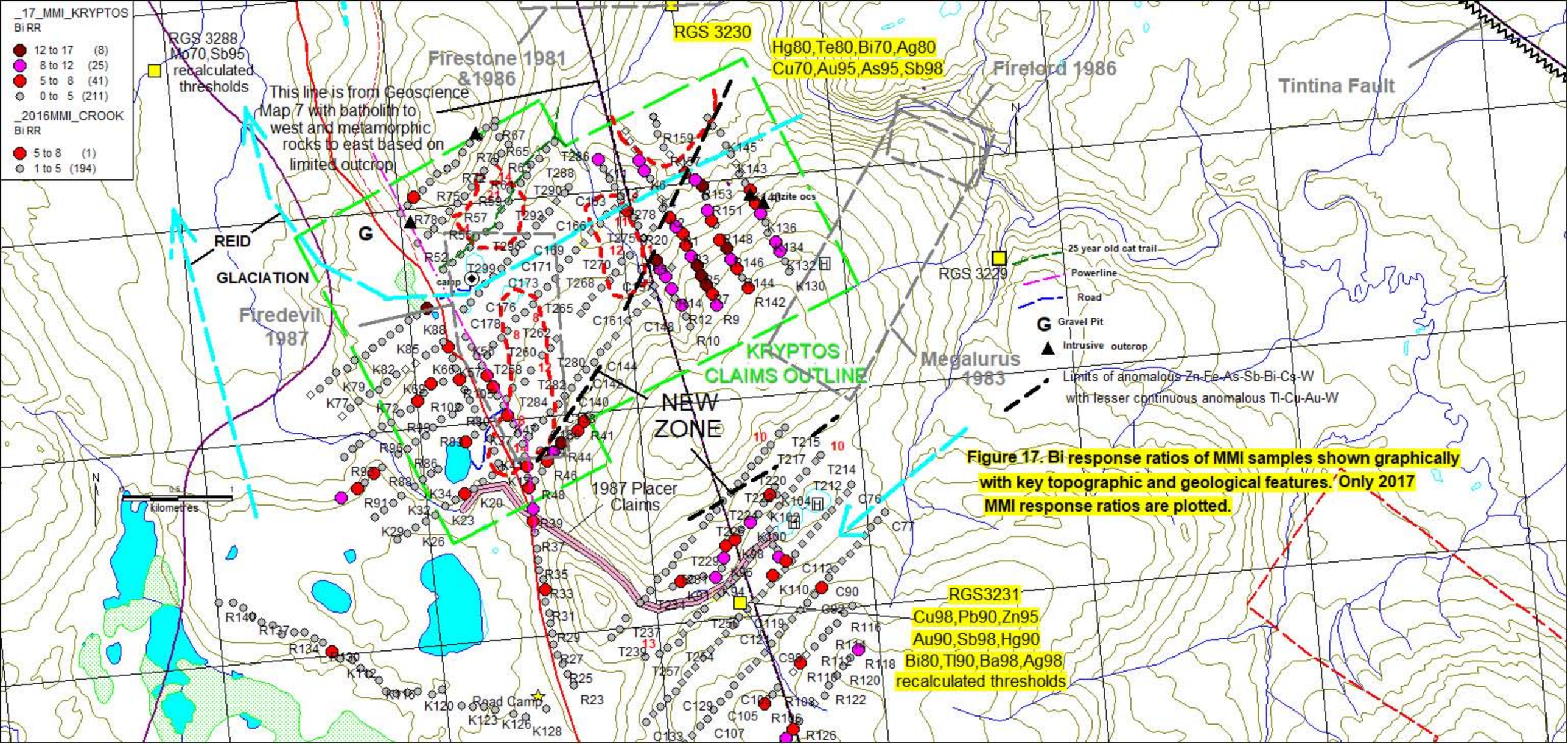


Figure 17. Bi response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.

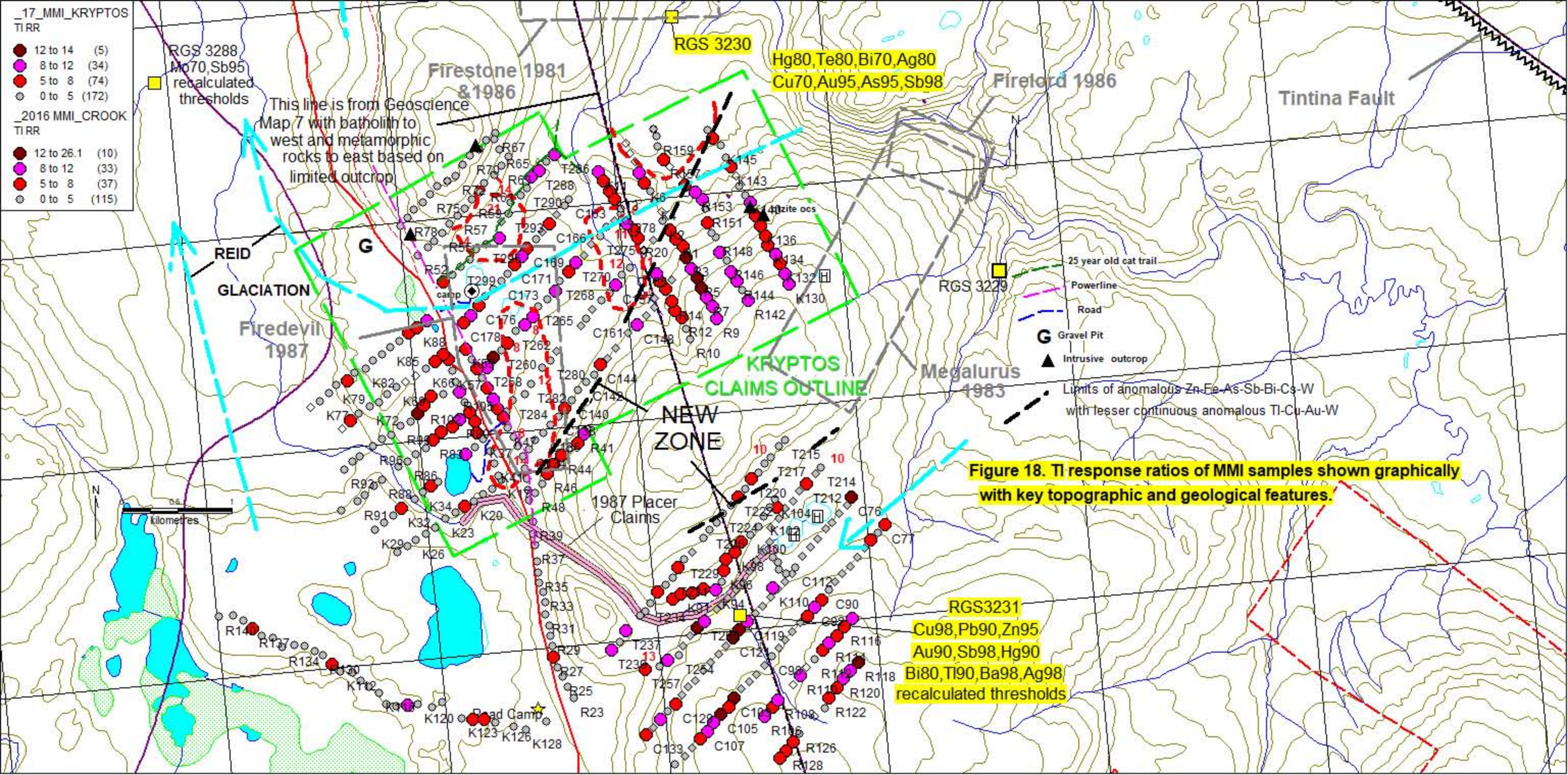


Figure 18. Tl response ratios of MMI samples shown graphically with key topographic and geological features.

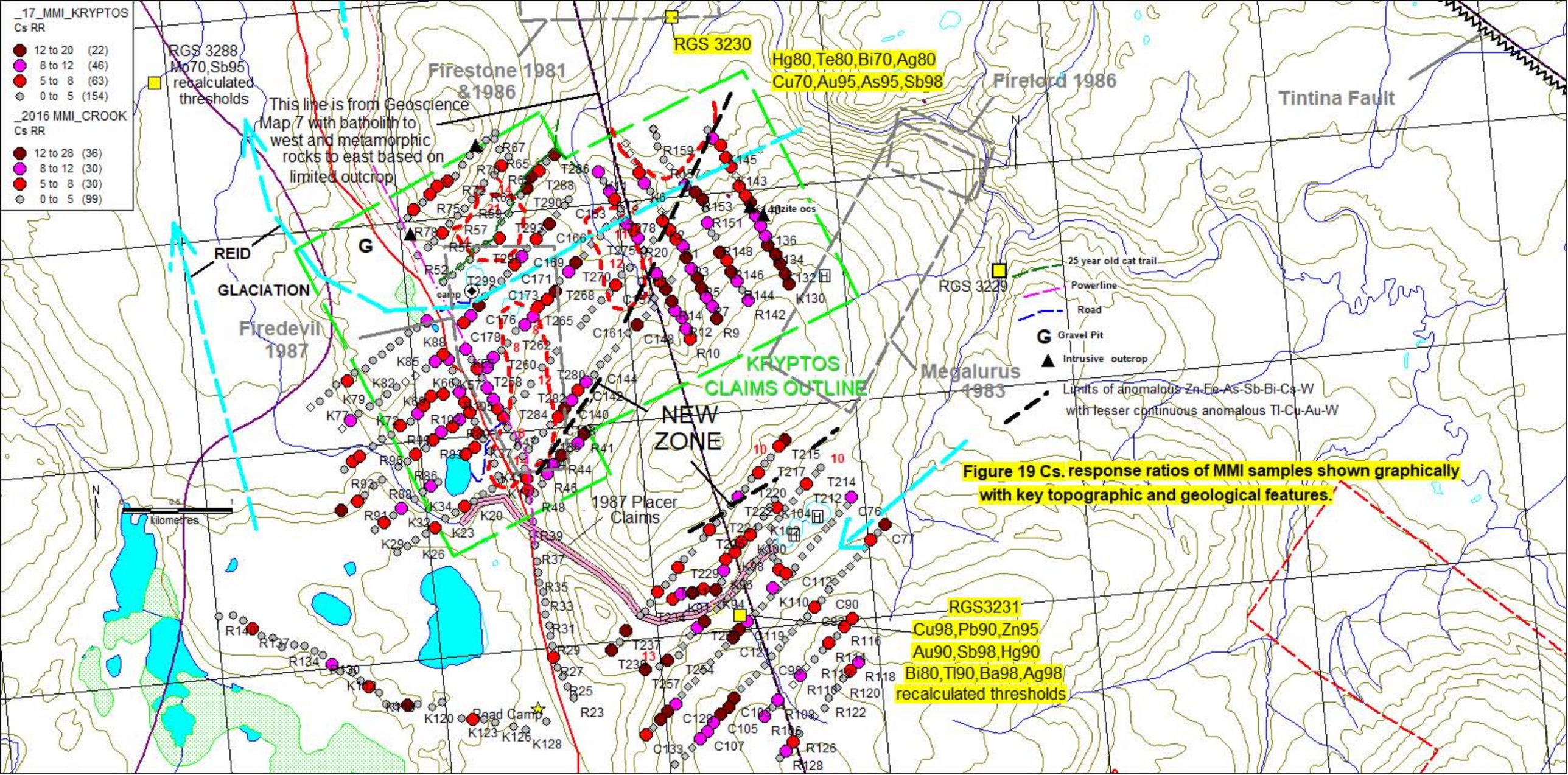
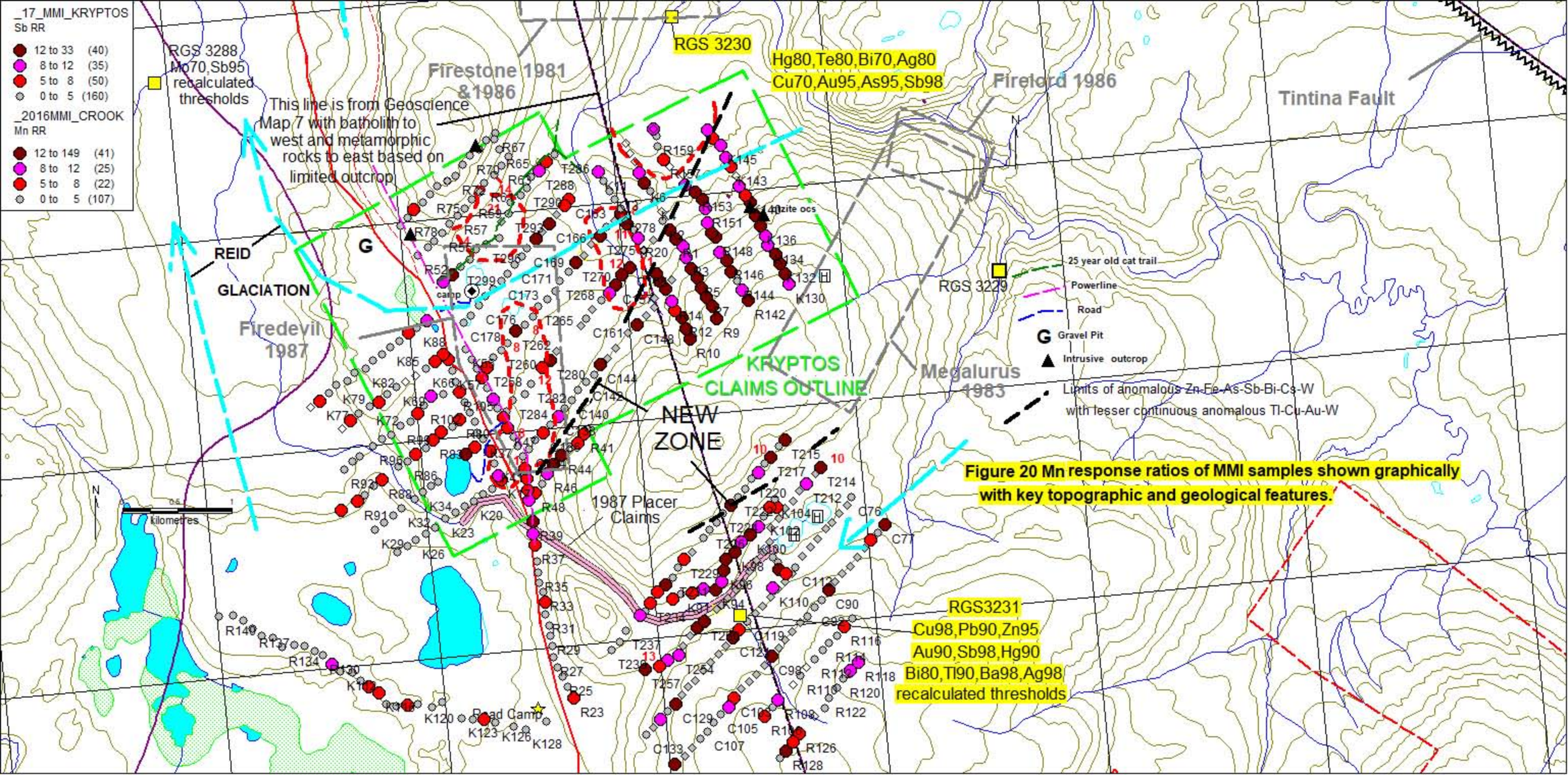


Figure 19 Cs. response ratios of MMI samples shown graphically with key topographic and geological features.


_17_MMI_KRYPTOS
Sb RR
12 to 33 (40)
8 to 12 (35)
5 to 8 (50)
0 to 5 (160)
_2016MMI_CROOK
Mn RR
12 to 149 (41)
8 to 12 (25)
5 to 8 (22)
0 to 5 (107)
RGS 3288
Mo70,Sb95
recalculated
thresholds
This line is from Geoscience Map 7 with batholith to west and metamorphic rocks to east based on limited outcrop
Firestone 1981 &1986
RGS 3230
Hg80,Te80,Bi70,Ag80
Cu70,Au95,As95,Sb98
Firelord 1986
Tintina Fault
REID
GLACIATION
Firedevil 1987
KRYPTOS CLAIMS OUTLINE
NEW ZONE
1987 Placer Claims
Megalurus 1983
RGS 3229
25 year old cat trail
Powerline
Road
Gravel Pit
Intrusive outcrop
Limits of anomalous Zn-Fe-As-Sb-Bi-Cs-W with lesser continuous anomalous Tl-Cu-Au-W
Figure 20 Mn response ratios of MMI samples shown graphically with key topographic and geological features.
RGS3231
Cu98,Pb90,Zn95
Au90,Sb98,Hg90
Bi80,Tl90,Ba98,Ag98
recalculated thresholds
Road Camp
kilometres

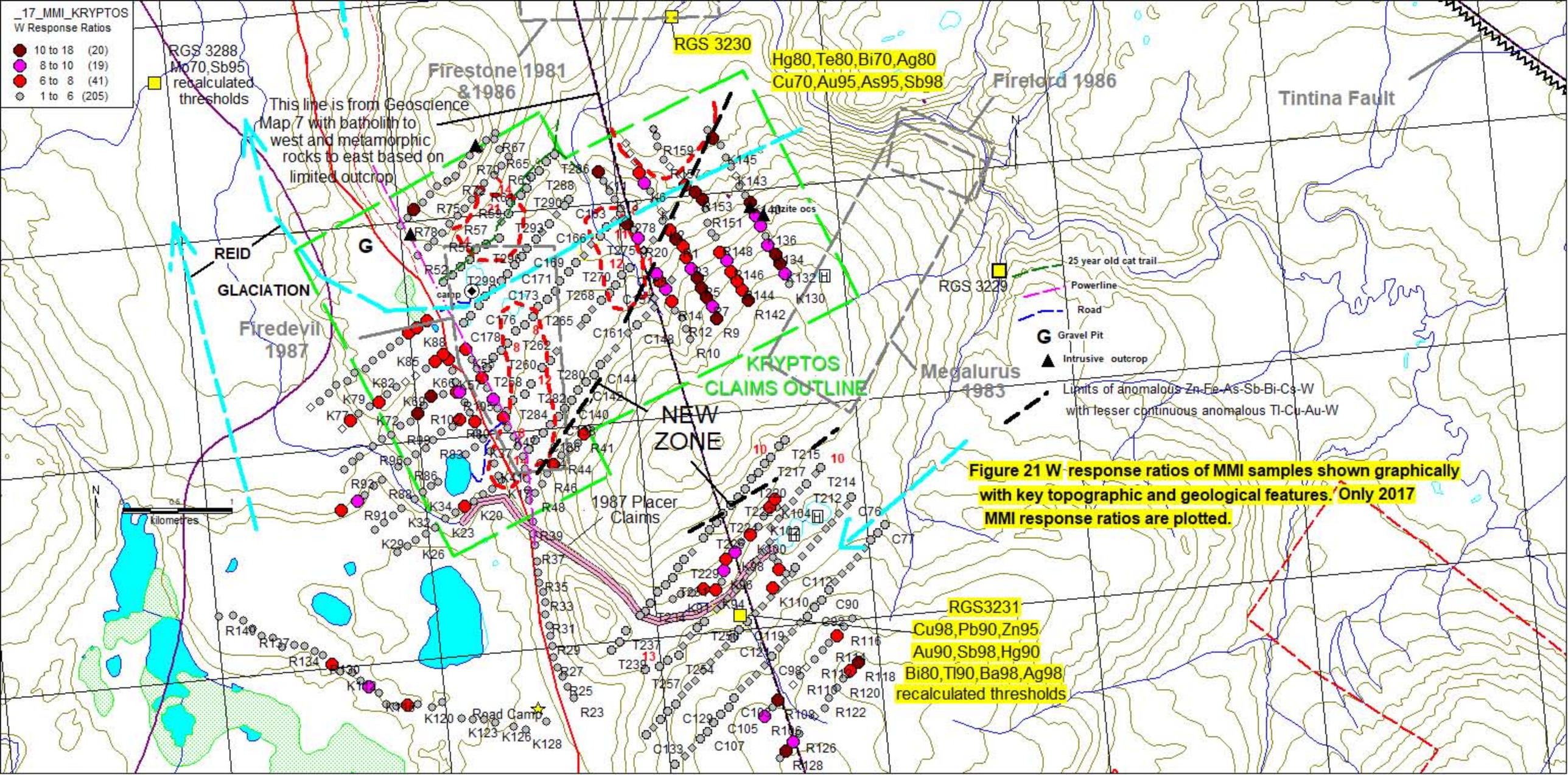


Figure 21 W response ratios of MMI samples shown graphically with key topographic and geological features. Only 2017 MMI response ratios are plotted.