

Geochemical Report  
On The  
Ten and RDU Claims

Work Period September 12<sup>th</sup> to September 19<sup>th</sup>, 2009

Located In  
Dawson Mining District  
On  
NTS 115-O-05  
63° 29' Latitude, 139° 59' Longitude

By  
Bernie Kreft

December 17<sup>th</sup>, 2009

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**Location** – The Ten Project is located on NTS map sheet 115-0-05, 70 kilometres south of Dawson City, Y.T, in the Dawson Mining District. It is situated south of the Sixty Mile River extending from Ten Mile Creek (tributary of the Sixty Mile River) through the Sestak Creek Valley. Latitude and longitude of the property is approximately 63°29'N, 139°59'W. Claims comprising the project are listed on the following table.

<b>Claim Name</b>	<b>Grant Numbers</b>	<b>Registered Owner</b>	<b>Expiry Date</b>
Ten 19-22	YC07001 to YC07004	Bernard Kreft	2011/08/04 *
Ten 24	YC07006	"	" *
Ten 42-45	YC07024 to YC07027	"	" *
Ten 47	YC07029	"	" *
Ten 49-68	YC07031 to YC07050	"	" *
Ten 70	YC07052	"	" *
Ten 72	YC07054	"	" *
RDU 1-8	YC93810 to YC93817	Radius Gold Inc.	2010/04/29
RDU 9-22	YC93818 to YC93831	"	2011/04/29 *
RDU 23-28	YC93832 to YC93837	"	2010/04/29
RDU 29-44	YC93838 to YC93853	"	2011/04/29 *
RDU 45-48	YC93854 to YC93857	"	2010/04/29
RDU 49-109	YC93858 to YC93918	"	2011/04/29 *
RDU 111-135	YC93920 to YC93944	"	" *
RDU 156-163	YC93965 to YC93972	"	" *
RDU 259-278	YD07859 to YD07878	"	2010/09/18

\* pending acceptance of this report by the Dawson Mining Recorder

**Access** – Access is most easily achieved by helicopter from Dawson City, with numerous landing sites available at higher elevations and along the placer mined portion of the Ten Mile Creek valley. Fixed wing aircraft can access the Lammers Airstrip, which is located at the mouth of Ten Mile Creek approximately 8.0 kilometres north of the centre of the property. A large river barge suitable for transporting heavy equipment (operated by Stuart Schmidt) can land at the mouth of the Sixtymile River, 7.0 kilometres east of the airstrip. Recent road construction has connected the barge landing to the airstrip and beyond to the network of placer mining roads running along Ten Mile Creek valley. There is also barge access to the mouth of Sestak Creek, approximately 6.0 kilometres east of the east edge of the property. Rough mining roads extend up Sestak Creek from the barge landing for a distance of approximately 2.5 kilometres.

**Topography And Vegetation** – The property lies within the un-glaciated Klondike Plateau, which is characterized by low rolling hills dissected by deeply incised stream valleys. This region experienced strong surficial weathering during the early to mid-Tertiary, as a result, natural bedrock exposures are rare and the effects of surface weathering extend to depths of as much as 80 metres or more. Overburden and regolithic material will likely average 2-3 metres in thickness, necessitating the use of mechanized trenching to efficiently expose bedrock. Permafrost is widespread on north facing slopes and sporadically occurs in other areas. Although snow cover is mostly gone by mid May, frost does not leave the ground sufficiently to allow exploration work



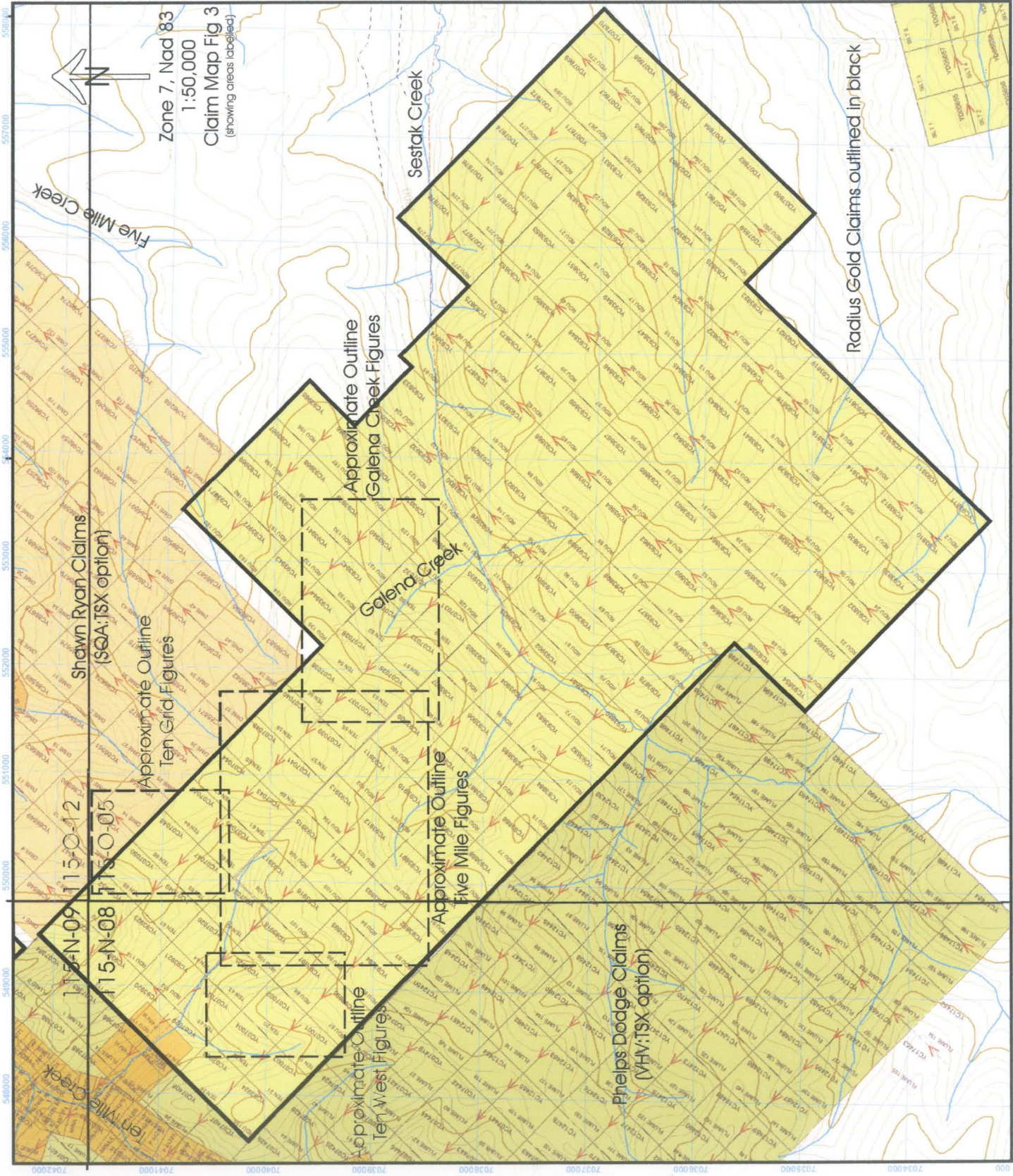


Ten-RDU Project ★

By: Bernie Kreft November 29, 2009

0km 10km 25km

115-N E-1/2 and 115-O W-1/2 Figure 2



Zone 7, Nad 83  
1:50,000  
Claim Map Fig 3  
(showing areas labelled)

Shawn Ryan Claims  
(SGA:TSX option)

115-N-09  
115-N-08  
115-O-12  
115-O-05

Approximate Outline  
Ten Grid Figures

Approximate Outline  
Ten West Figures

Approximate Outline  
Five Mile Figures

Approximate Outline  
Galena Creek Figures

Sestak Creek

Galena Creek

Five Mile Creek

Phelps Dodge Claims  
(VHV:TSX option)

Radius Gold Claims outlined in black

such as soil sampling until mid-June at the earliest. The property is below tree line, higher elevations are covered by mixed spruce, birch, poplar and brush, with tree cover increasing at lower elevations and on south facing slopes, with brush and stunted trees predominating at higher elevations as well as on north facing slopes and in areas of permafrost or poor drainage.

**History And Previous Work** – Placer gold mining has been conducted in the Ten Mile Creek and Sestak Creek drainage basins since 1898, with a total of 31,754 ozs of gold reportedly recovered from Ten Mile Creek, and 1050 ounces reportedly recovered from Sestak Creek, during the 1978-2006 period. Given that gold production records are often incomplete and gold is commonly not reported by the producer, it is likely that the actual amount is much higher.

Placer gold from Ten Mile Creek generally occurred as small flakes and chunks with some quartz attached, with rare nuggets up to 3.5 ozs in size. Raw gold ranges in purity from 83%-84.5%, which is comparable in purity to gold from Thistle Creek (84%-89%), which is the closest significant placer gold producing creek to the Underworld Project. Given the generally narrow valley and overall small deposit size, the ground is considered rich by placer mining standards, with the current placer workings ending at the mouth of a right limit tributary draining the Ten West Zone. The placer deposit characteristics are suggestive of a locally derived bedrock source(s), with a limited amount of associated sulphide mineralization.

Placer gold from Sestak Creek generally occurred as small flat pieces with occasional quartz attached. Raw gold ranges in purity from 81% to 81.5% which is slightly less than the purity of gold from Thistle Creek (84%-89%), which is the closest significant placer gold producing creek to the Underworld Project. Mining operations were conducted from the mouth to a point approximately 2.5 kilometres upstream. The ground is low grade by placer mining standards, but it should be noted that the mineable portion of the valley is wide, therefore the placer deposit is somewhat analogous to a bulk-tonnage low-grade hard-rock deposit. The placer deposit characteristics are suggestive of a locally derived bedrock source, with a limited amount of associated sulphide mineralization.

Although there is a long history of placer mining, documented systematic hard-rock exploration did not commence until 1998. That year the Ten claims, and nearby Val-Jual claims were staked by Teck Corporation, and the intervening Flume claims were staked by Phelps Dodge as parts of regional exploration programs designed to explore for Pogo type occurrences in the Yukon. Significant placer gold production from Ten Mile Creek, as well as coincident highly anomalous gold-arsenic RGS stream silt geochemistry in the Ten Mile Creek area helped focus exploration efforts to the area.

Work by Teck Corp during 1998-2001 on the Ten project included prospecting, mapping, stream sediment sampling, along with grid based and reconnaissance soil sampling. Although lack of outcrop hampered mapping and prospecting efforts, and soil

samples were taken from the B horizon (which in the un-glaciated Dawson Range invariably yields low and erratic metal values when compared to sampling within the C horizon), results were very encouraging, and helped partially define 3 main mineralized areas as follows:

**Ten Grid** – A northwest trending 1600m x 500m gold-arsenic soil anomaly, that remains open to the southeast, with values of up to 255 ppb gold and 1280 ppm arsenic. Only weakly anomalous gold in rock values have been returned from prospecting and sampling within this anomaly which straddles the contact between intrusive and metamorphic rocks.

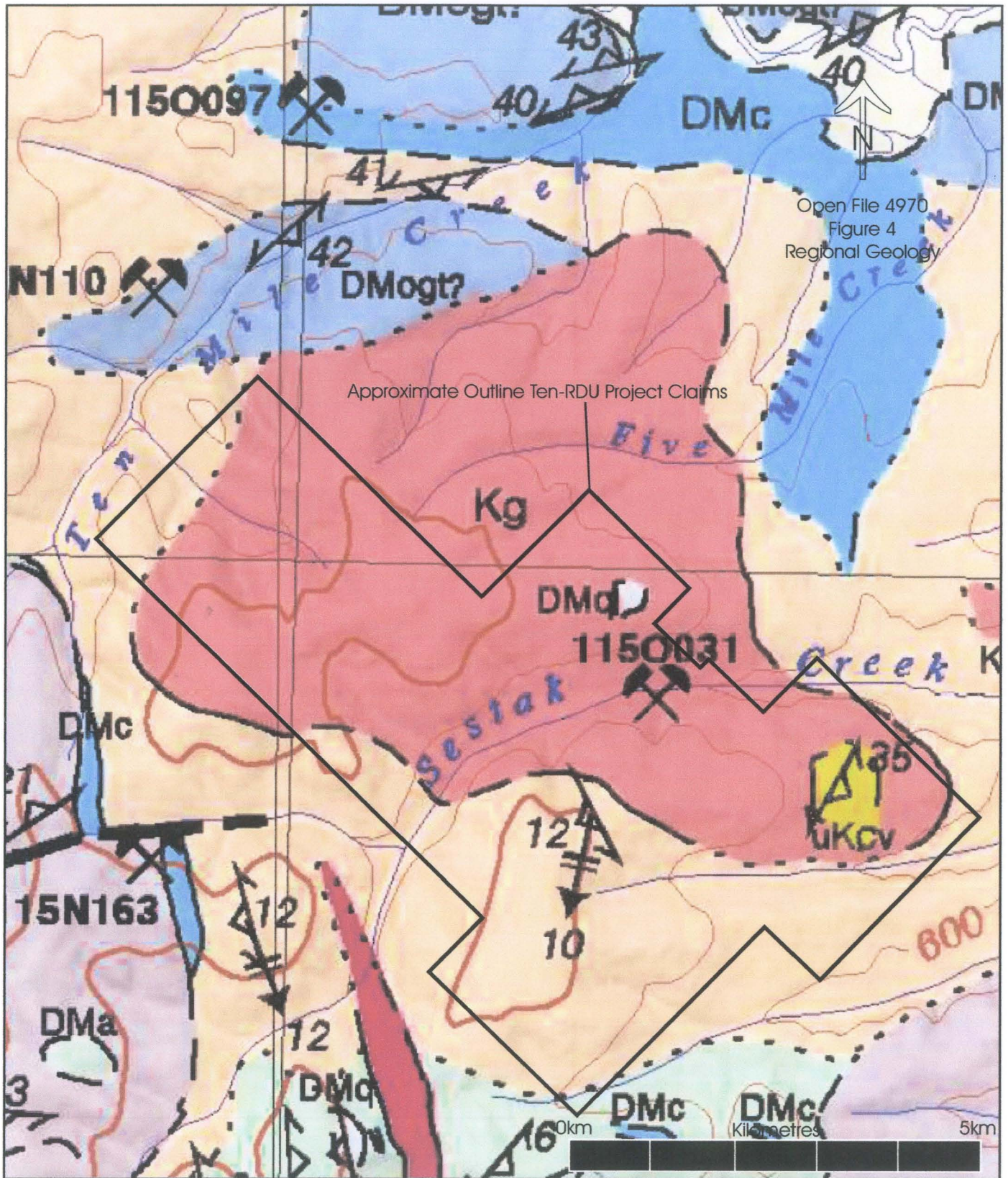
**Ten West** – This zone is located 1.5 kilometres south-west of the Ten Grid. A sample of quartz-galena vein subcrop returned 3760 ppb gold while nearby soils returned up to 150 ppb gold. These anomalous sites occur in an area mapped as intrusive.

**Galena Creek/Five Mile** – Intrusive hosted quartz-galena veins, and sheeted veins, grading up to 5.36 g/t gold are scattered throughout a 2600m x 1500m area southeast of the Ten Grid. Teck soil sampling in this area was mostly reconnaissance in nature and returned only scattered anomalies of up to 70 ppb gold. Mineralized veins were thought to be related to northwest trending fault structures.

During 1999 Prospector International staked the Mojo/Morejo claims adjacent to the northeast corner of the Ten project, and staked the Premo claims just east of the project. The Mojo/Morejo group was subjected to a limited soil and rock sampling program which yielded anomalous values of up to 87 ppb gold and 778 ppm arsenic from a soil sample taken in an area of rusty felsic fine-grained intrusive float. Work at Premo consisted of a similar style program which yielded up to 132 ppb gold from a soil sample in an area of quartzite and intermediate volcanic float within a positive aero-mag anomaly.

During 2003 Fjordland Exploration optioned the remaining Teck and Phelps Dodge claims and contracted Equity Engineering who conducted prospecting, geological mapping and in-fill grid soil sampling in the Ten Grid and Galena Creek-Five Mile areas as well as completing an excellent compilation of previous exploration efforts in the area (assessment report 094447). Their field-work confirmed the presence of gold-bearing quartz galena veins in the Galena Creek area, and extended the Ten Grid soil anomaly a further 200 metres to the southeast.

**Geology And Mineralization** – The project is situated on the southwest side of the Tintina Fault, within Yukon Tanana Terrane (YTT) strata. The YTT has proven to be an under-explored, yet highly prospective belt of rocks, as witnessed by the recent significant discoveries at Underworld, Wolverine, Kudz Ze Kayah and Pogo. The potential for Pogo and Underworld type occurrences (along with other bulk-tonnage gold targets) has been recognized in the Yukon portion of the YTT, with the area south and



UPPER CRETACEOUS

**uKcv** CARMACKS GROUP: rhyodacite and dacite, commonly biotite and hornblende phyrlic, dominated by lesser andesite and basalt; minor rhyolite

MID?-CRETACEOUS

**Kg** **Kgd** GRANITE/GRANODIORITE: Kg, pink to grey, locally porphyritic syenogranite to monzogranite plutons and dykes; Kgd, biotite-hornblende bearing granodiorite, locally foliated

DEVONIAN TO MISSISSIPPIAN?

**DMogg** **DMoga** **DMogt** ORTHOGNEISS (OLDER, 363-343 Ma): DMog, undivided orthogneiss; DMogg, pink to orange K-feldspar rich, granitic orthogneiss, commonly with biotite, banded to layered, commonly includes or associated with DMoga; DMoga, mainly K-feldspar augen orthogneiss, commonly includes or associated with DMogg; DMogt, mainly tonalitic or intermediate to mafic orthogneiss, generally grey, banded to layered, commonly veined; commonly interlayered with amphibolite schist and gneiss, biotite and/or hornblende bearing; ?-age assignment probable, ??-age assignment assumed (alternatively could be part of Pog)

**DMa** AMPHIBOLITE: amphibolite schist and gneiss; metabasite; probably derived from mafic to intermediate volcanic or volcanoclastic rocks; locally associated with psammite or interlayered with orthogneiss

**DMc** MARBLE: marble (metacarbonate) derived from pure to impure limestone; associated calc-silicate schist derived from calcareous metapelite

**DMps** QUARTZ-MICA SCHIST: undivided metasedimentary rocks dominated by metapsammite, semipelite and metapelite; commonly quartz-garnet-biotite-muscovite schist possibly derived from siliceous siltstone; commonly finely interlayered with garnet metapelite; commonly contains members of micaceous quartzite; rare conglomerate; grades locally to paragneiss

EOCENE

**Er** PORPHYRY: Smokey quartz and K-feldspar phyrlic rhyolite to rhyodacite stocks and dykes, and possible rare flows

west of Dawson receiving considerable attention since 1993 from numerous companies, including Newmont, Teck, Kennecott and Phelps Dodge as well as a plethora of junior exploration companies. This area is part of the Tintina Gold Belt that extends from south-eastern Yukon to south-western Alaska, and includes the Fort Knox, Dublin Gulch, Brewery Creek, Pogo and Donlin Creek deposits. Mineralization at these deposits covers a wide spectrum of high-grade mesothermal veins, intrusion hosted sheeted veins, large-tonnage and low-grade disseminations and stockworks, skarns and mantos, with the majority of this mineralization being intrusion related.

A recent significant surge in local exploration activity has occurred since the discovery by Underworld Resources of the Golden Saddle and Arc deposits at the White Gold Project. At Golden Saddle, intrusion-related gold mineralization is preferentially hosted within metamorphosed felsic intrusive units, as well as felsic and mafic metavolcanic rocks, with the principal host rock a granitoid that has been metamorphosed to an augen gneiss. Gold mineralization is associated with quartz veins, stockwork and breccia zones, as well as pyrite veinlets and disseminations, with better-grade gold mineralization found in proximity to ultramafic units. The alteration assemblage includes pervasive albite, carbonate, sericite and silicification. The main mineralized zone strikes to the northeast, with a gentle to moderate dip to the northwest. The generally lower grade and smaller Arc Deposit is hosted by metasedimentary rocks (quartzite), and is typified by hydrothermal breccias and silicification, with mineralization associated with arsenic, which is distinct to the Golden Saddle deposit which contains limited to no arsenic.

Work by Phelps Dodge on their Flume claims, which are adjacent to the Ten Project, encountered gold values within quartz +/- arsenopyrite +/- galena veins, narrow pyrite and arsenopyrite bearing fault zones, calc-silicate skarn material with galena and sphalerite as well as silicified and bleached felsic or granitic intrusive material with variable amounts of sulphide. The Pdod showing, located near the common property boundary (see figure 3 Claim Map), is a north striking zone with discontinuous pervasive and vein-like silicification hosted by felsic intrusive and metasedimentary rocks mineralized with disseminated arsenopyrite with grab samples grading up to 2750 ppb gold.

Auriferous mineralization on the nearby Val-Jual property is predominantly associated with vein or stockwork zones within fractured and brecciated, silicified and occasionally bleached (albitized?) intrusive and lesser metasedimentary rocks. Two styles of quartz veins occur, a brittle milky white variety with aggregates of minor galena and/or pyrite and a cryptocrystalline pale coloured, commonly vuggy variety with minor galena, pyrite and chalcopyrite. The vuggy vein and stockwork zones with minor fine galena tend to carry higher gold values. Significant gold values associated with minor amounts of disseminated pyrite and/or galena have also been noted within altered areas of the intrusion. The Teckphel Zone is located at the contact between intrusive and metasedimentary units which are variably silicified, carbonate altered, bleached

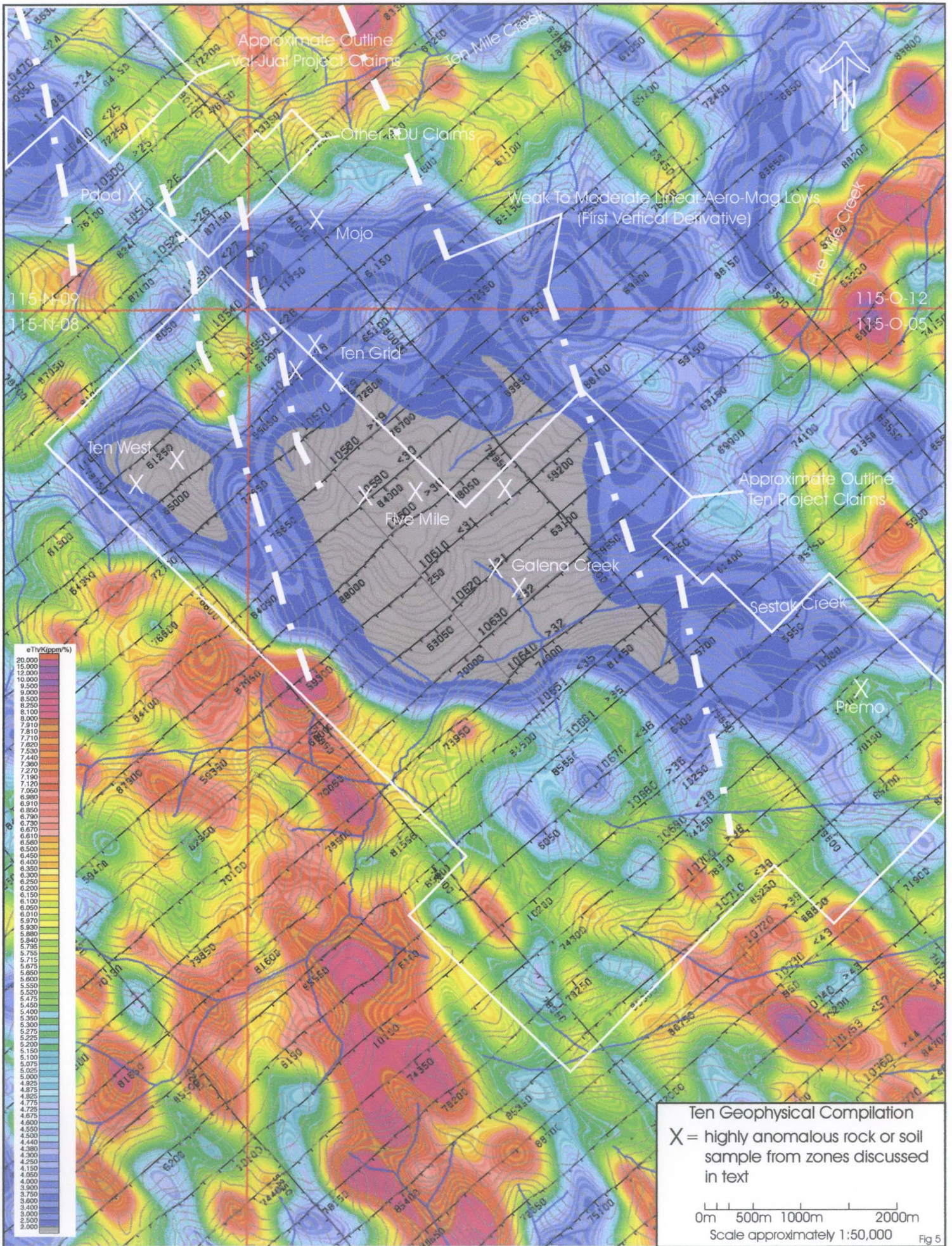
(albitized?) and faulted or brecciated. Soil and rock sample data shows a strong gold-arsenic correlation, suggesting the style of mineralization here is distinct to that at the Jual and Cupid Zones which commonly contain only limited arsenic.

The Ten Project is primarily underlain by a Jurassic to Cretaceous quartz monzonite intrusion which cuts Proterozoic and/or Palaeozoic metamorphic basement rocks comprised of brown weathering muscovite biotite psammitic schist, biotite schist, graphitic schist, muscovite-biotite quartzite, variable quartz-mica schist, and muscovite-chlorite granodiorite gneiss. These metasedimentary rocks locally exhibit hornfelsing at the contact with the intrusion. Structurally interleaved with the metasedimentary rocks are a suite of deformed and metamorphosed Middle Palaeozoic intrusions represented by melanocratic quartz augen gneiss, leucocratic feldspar augen gneiss and granitic pegmatite. Two main phases of the Jurassic to Cretaceous intrusion have been distinguished. One phase consists of a fresh, pink coloured, medium grained to rarely fine grained, equigranular biotite quartz monzonite with 10-15% biotite. The second phase is white in colour, fine grained to almost aphanitic with 4% fine biotite, commonly exhibits clay alteration along with possible potassic alteration, and generally resembles an altered intrusive occurring at Pogo. Cutting these units are several north-south trending diabase to trachyte dykes related to regional east-west extension.

Significant gold values on the Ten Project are found in the Ten West and Galena Creek-Five Mile areas within quartz veins with occasional galena. Highly anomalous arsenic has been returned from samples of quartz veins and metasediments at the Ten Grid and within quartz veins at Ten West, but to date no significant gold values have been returned from arsenic enriched samples on this property. The table below summarizes geochemical data of rock grab samples with the highest gold values from various zones in the Ten Mile Creek area. See figure 3, Claim Map, for location details.

Sample	Au ppb	Ag ppm	As ppm	Pb ppm	Lithology	Zone	Assessment Report
00520	3760	1.0	<5	356	quartz vein	Ten West	094041
7186	3810	>30.0	>10000	524	quartz vein	Jual Zone	094041
7193	11130	<0.2	<5	12	intrusive	Jual Zone	"
596	11280	0.6	<5	2	intrusive	Jual Zone	"
598	8710	4.2	<5	2578	quartz vein	Jual Zone	"
6794	2050	10.0	260	1468	?	Jual Zone	"
11088	1290	8.0	<5	>10000	quartz vein	Galena Cr-Five Mile	"
536	3980	8.6	<5	8458	quartz vein	Galena Cr-Five Mile	"
540	1540	>30.0	10	>10000	quartz vein	Galena Cr-Five Mile	"
7100	5360	0.6	30	50	qtz stringers	Galena Cr-Five Mile	094447
565	960	0.4	5	66	intrusive	Cupid	094041
6875	3540	1.4	<5	368	intrusive	Cupid	"
77093	102	1.6	71	146	brx intrusive	Teckphel	094202
77094	159	0.7	150	92	intrusive	Teckphel	"
64651	180	2.3	2052	1695	quartz vein	Ten Grid	"
64653	180	<0.2	4085	15	sil metased	Ten Grid	"
185417	134	<0.4	646	11	veined int.	Ten Grid	094447
75393	2750	0.2	9031	6	sil+bleach ?	Pdod	094202

**Geophysical Data** – During 2002 the GSC sponsored an airborne geophysical survey



(Multisensor Airborne Geophysical Survey; GSC Open File 4310 also 3990 and 3991) which covered a large area south and west of Dawson, including the area of the Ten Project. This work showed that the Ten Project mineralized zones and anomalous areas are associated with a strong negative eTh/K anomaly approximately 24 square kilometres in size, the majority of which is coincident with areas of intrusive. Given that thorium enrichment generally does not accompany potassium during hydrothermal alteration processes, eTh/K ratios provide an excellent way to distinguish between potassic alteration and anomalous potassium related to normal lithological variations. Two of the gold anomalous zones encountered to date, Ten West and Galena Creek-Five Mile, occur within the two main lows within this “potassic” zone, with much of the most intense portion of the main lows subjected to only limited exploration efforts. The Ten Grid, Mojo and Pdod anomalous zones occur within more moderate areas of the alteration low, while the Premo anomaly lies just outside of the alteration low. Magnetic data (First Vertical Derivative) shows the presence of numerous northwest trending weak to moderate linear magnetic lows, likely representing faulting or significant structures, dissecting the area of the project. See figure 5 for a compilation of geophysical data in relation to claim boundaries and mineralized showings.

**Current Work And Results** – Exploration work completed during the 2009 field season consisted of claim staking (20 claims) on the east edge of the property to acquire the Premo anomaly, as well as soil sampling (169 samples) consisting of a single reconnaissance lines through each of the Ten Grid, Ten West, Galena Creek and Five Mile areas. Samples were taken at 50 metre intervals except in the case of the Ten Grid soil line which was sampled at 25 metre intervals. Sampled material was taken from the lower B to upper C horizon, found at an average depth of 40-50 centimetres, using hand held augers. Sampling conditions were good. Sample sites were marked in the field using flagging inscribed with the sample code, with sample medium placed in industry standard soil sample envelopes. Samples were analyzed by Chemex using their Au-AA23 (30g fire assay) and their ME-ICP41 (35 element aqua regia) packages. Figure 6 includes results of gold analyses on all of the soil samples collected during the 2009 field season from the Ten Project as well as the nearby Val-Jual Project, and was constructed to show breaks in the population that would be helpful when contouring the data. The table below shows statistical breakdowns for various elements thought to be of use when mapping geology or defining mineralized zones.

	Au ppb	Ag ppm	As ppm	Pb ppm	Cr ppm	Ni ppm
<b>n</b>	351	351	351	351	351	351
<b>Min</b>	<5	<0.2	<2	4	8	2
<b>Max</b>	378	6.7	651	262	436	197
<b>Mean</b>	17	<0.2	35.4	24.3	40.4	22.5
<b>Median</b>	8	<0.2	10	16	32	19
<b>75%</b>	16	0.2	21	25	41	24
<b>80%</b>	20	0.2	30	29	44	27
<b>90%</b>	35	0.3	94	45	61	36
<b>95%</b>	58	0.4	178	66	84	44

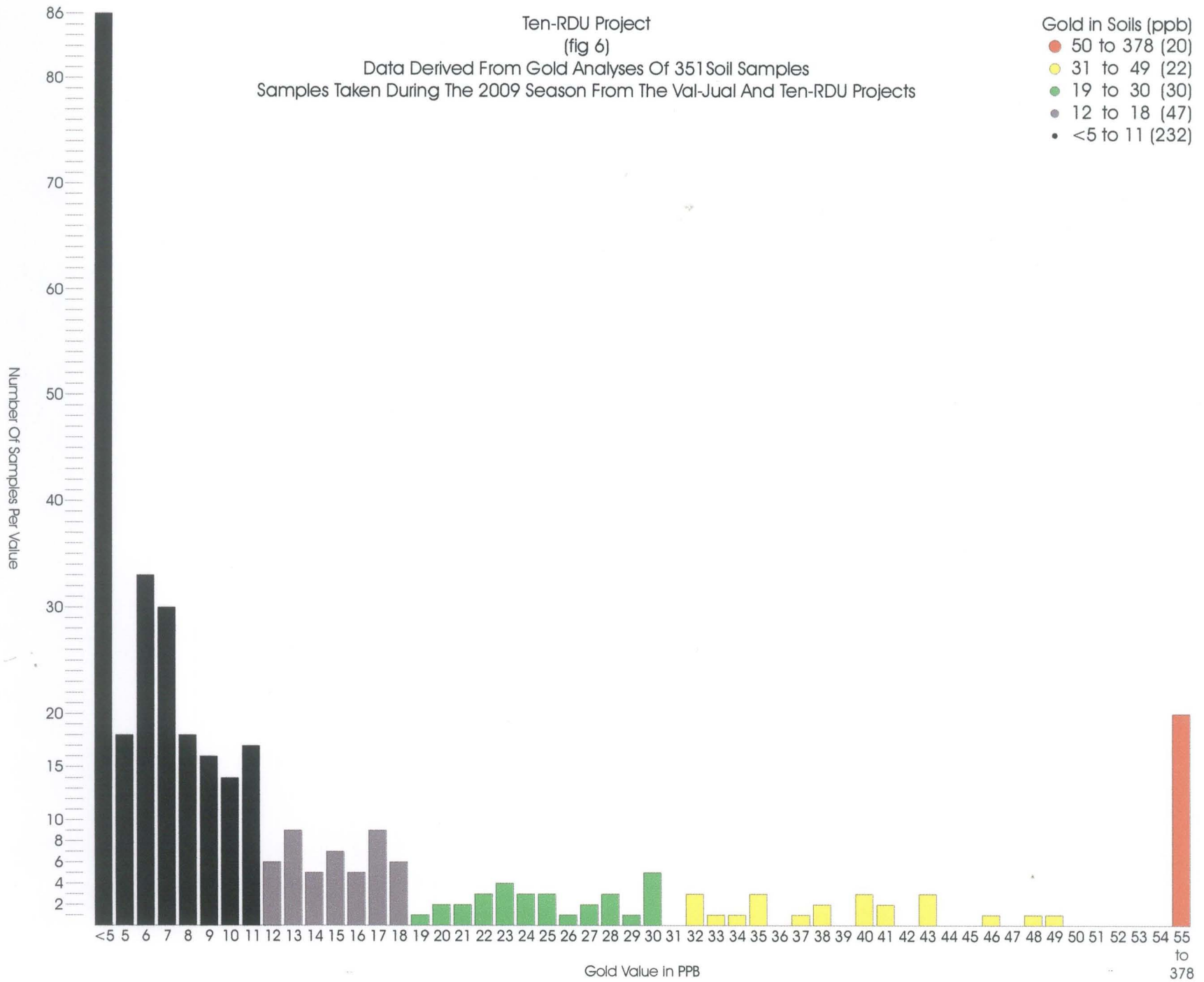
\* Au and Ag were plotted using population breaks and district exploration experience \*

\* As and Pb were plotted using percentile breakdowns \*

\* only 90% and greater values for Cr and Ni were plotted as anomalous \*

Ten-RDU Project  
 (fig 6)  
 Data Derived From Gold Analyses Of 351 Soil Samples  
 Samples Taken During The 2009 Season From The Val-Jual And Ten-RDU Projects

- Gold in Soils (ppb)
- 50 to 378 (20)
  - 31 to 49 (22)
  - 19 to 30 (30)
  - 12 to 18 (47)
  - <5 to 11 (232)



The recon line at Ten Grid was designed to confirm previous anomalous results as well as to test whether deeper sampling would yield higher results. Work confirmed the anomaly, but failed to enhance the grades previously encountered. Much of this area is covered with only a thin veneer of A and B horizon material, with the result that even shallow sampling in this area will likely encounter abundant C horizon material and not be significantly "diluted" by poor quality sampling medium. A 200 metre section of the line, located within the Dime claims, returned an average sample value of 68 ppb gold. Numerous other weak to moderately anomalous areas were found along the line within RDU controlled claims, with one sample returning 376 ppb gold, which is the highest gold in soil value from this zone to date. Gold shows an excellent correlation with arsenic in this area, with gold anomalous areas found in proximity to areas of chromium and nickel enrichment in soil that possibly represent mafic or ultramafic units such as diabase dykes which reportedly occur on the property.

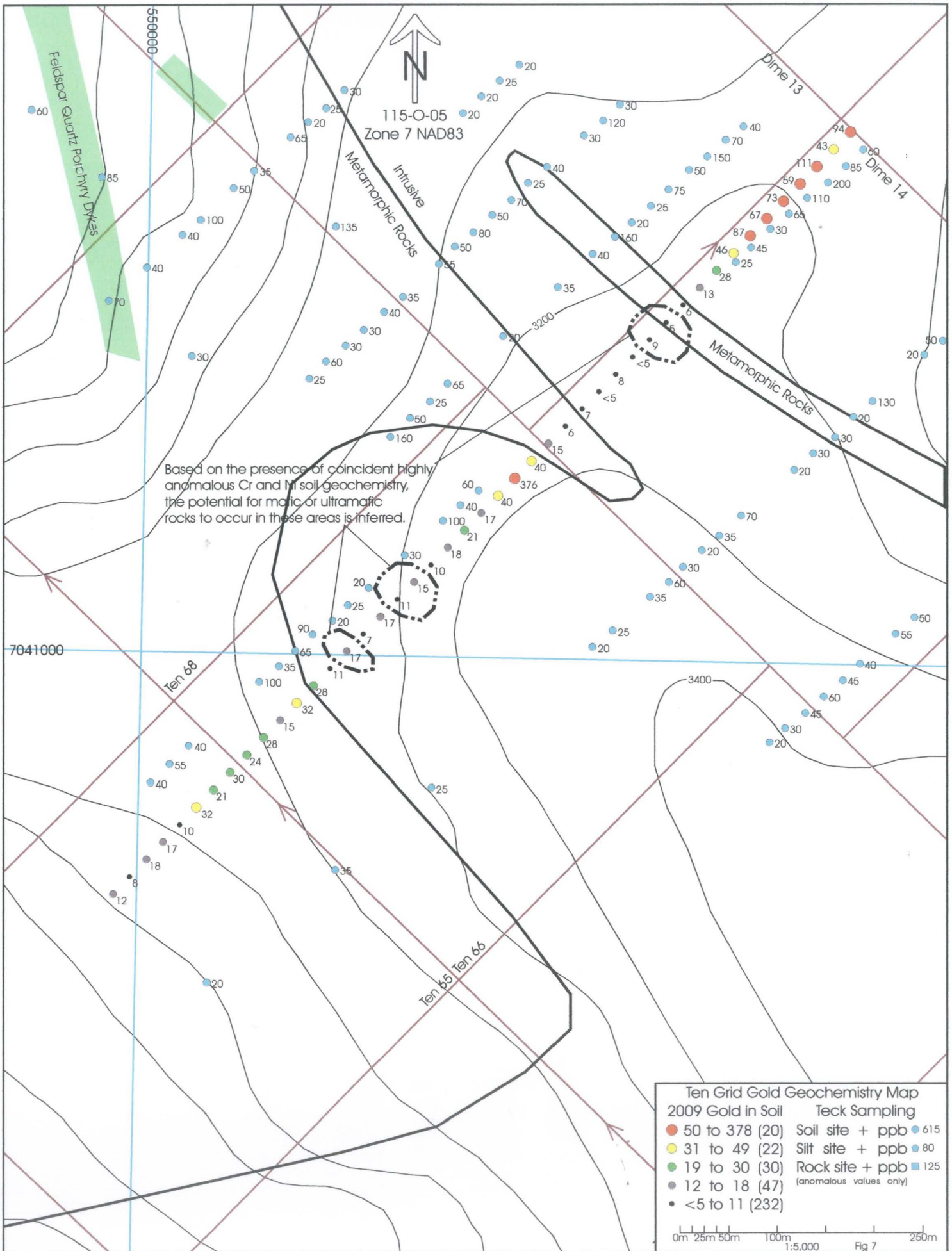
The Ten West recce line was oriented roughly parallel and 250 metres east of the only Teck soil line in the area, to test for strike extent to the anomalous section of the Teck line as well as to provide soil geochem data for the immediate area of the quartz vein sample that returned 3760 ppb gold. It was also hoped that deeper sampling would yield more consistent and representative results. Although numerous moderate to highly anomalous values of up to 70 ppb gold were returned from various spots along the line, only weakly anomalous values of up to 15 ppb gold were returned from the area of the gold-bearing quartz vein. Highly anomalous lead values are common along the line, but they do not show a direct correlation with the highest gold values. Although previous workers had suggested similarities and possible continuity between this zone and the Ten Grid zone based on the presence of anomalous arsenic, the lack of arsenic with the gold anomalous soil and rock samples does not support this theory. It should be noted that gold in soil values from 2009 work appear to be more widespread in this area than previous work had suggested.

Work in the Galena Creek-Five Mile area generally encountered only scattered weak to moderately anomalous values of up to 58 ppb gold, with the majority of the anomalous results concentrated along the easterly portion of Line 3 at the headwaters of Five Mile Creek in the immediate area of previously reported auriferous quartz-galena veins. Soil sampling (line 4) completed across the presumed trend, 450 metres to the northwest along the presumed strike, of the auriferous quartz galena veins located in Galena Creek returned no anomalous values in either gold or lead. Anomalous gold in soil values of up to 45 ppb gold occur on the south side of Sestak Creek, opposite and downstream of the mouth of Galena Creek (AR 094163), suggesting the possibility for expansion of the Galena Creek vein zone into this area. Given that these anomalous samples are located on a north facing slope, which commonly contains permafrost and increased overburden thickness thereby leading to reduced metallic response within soil, results of this intensity may be very significant.

**Conclusions** – Auriferous showings and anomalies are associated with a large eTh/K

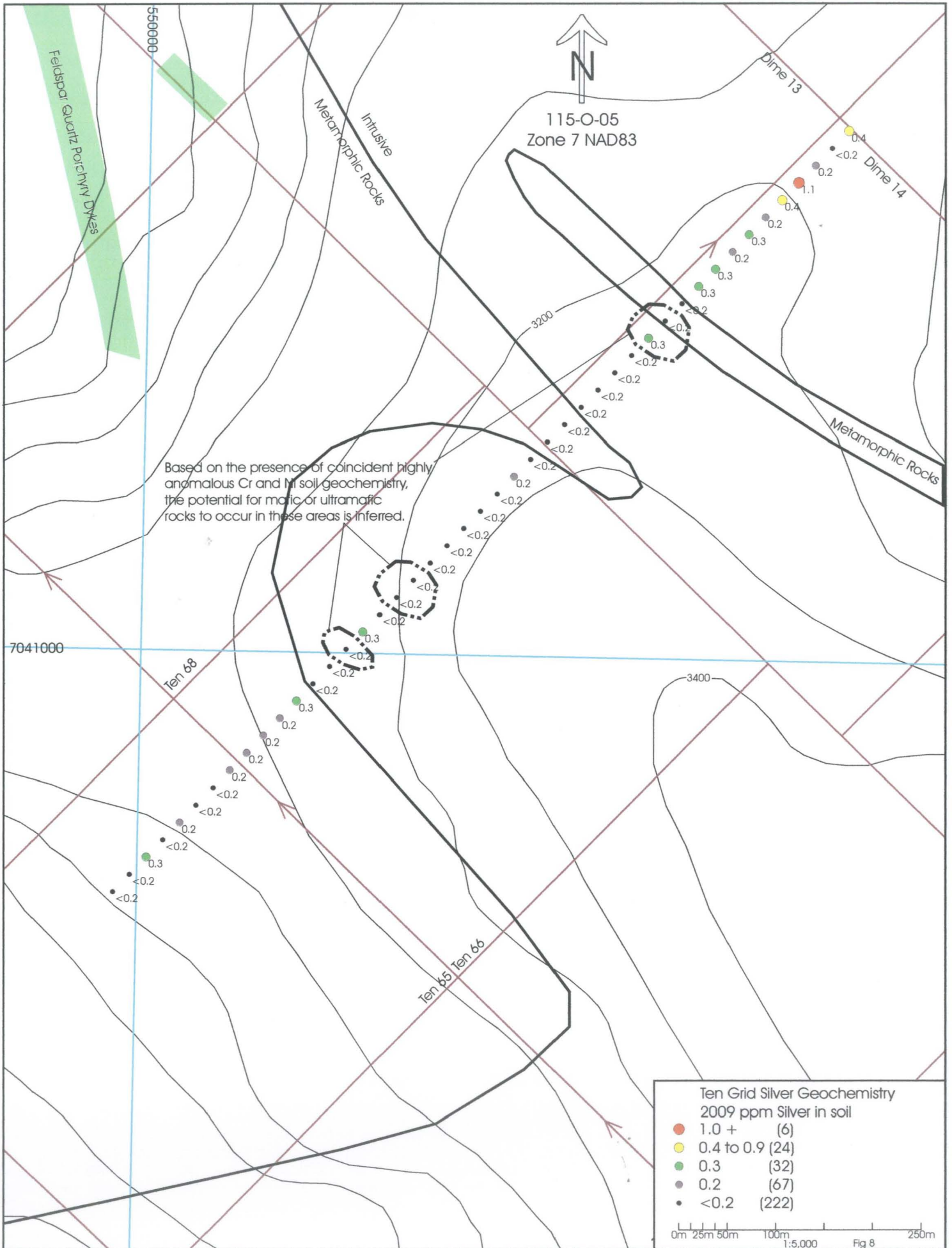
anomaly roughly centred over an intrusive body. There appears to be two styles of mineralization present, intrusive hosted gold bearing quartz +/- galena veins associated with the most intense portion of the eTh/K low, as found at Galena Creek, Five Mile and Ten West, and a gold-arsenic assemblage, as found at Ten Grid, associated with more moderate areas of the eTh/K low in a mixed intrusive-metamorphic sequence. The mineralization at Ten Grid possibly represents the distal portion of a zoned system with the core represented by the Ten West, Galena Creek and Five Mile Zones. Ten Project mineralized zones are geochemically, geologically, and geophysically similar to zones located on the Val-Jual property, which are geologically and geochemically similar to the mineralization occurring at the White Gold project of Underworld Resources.

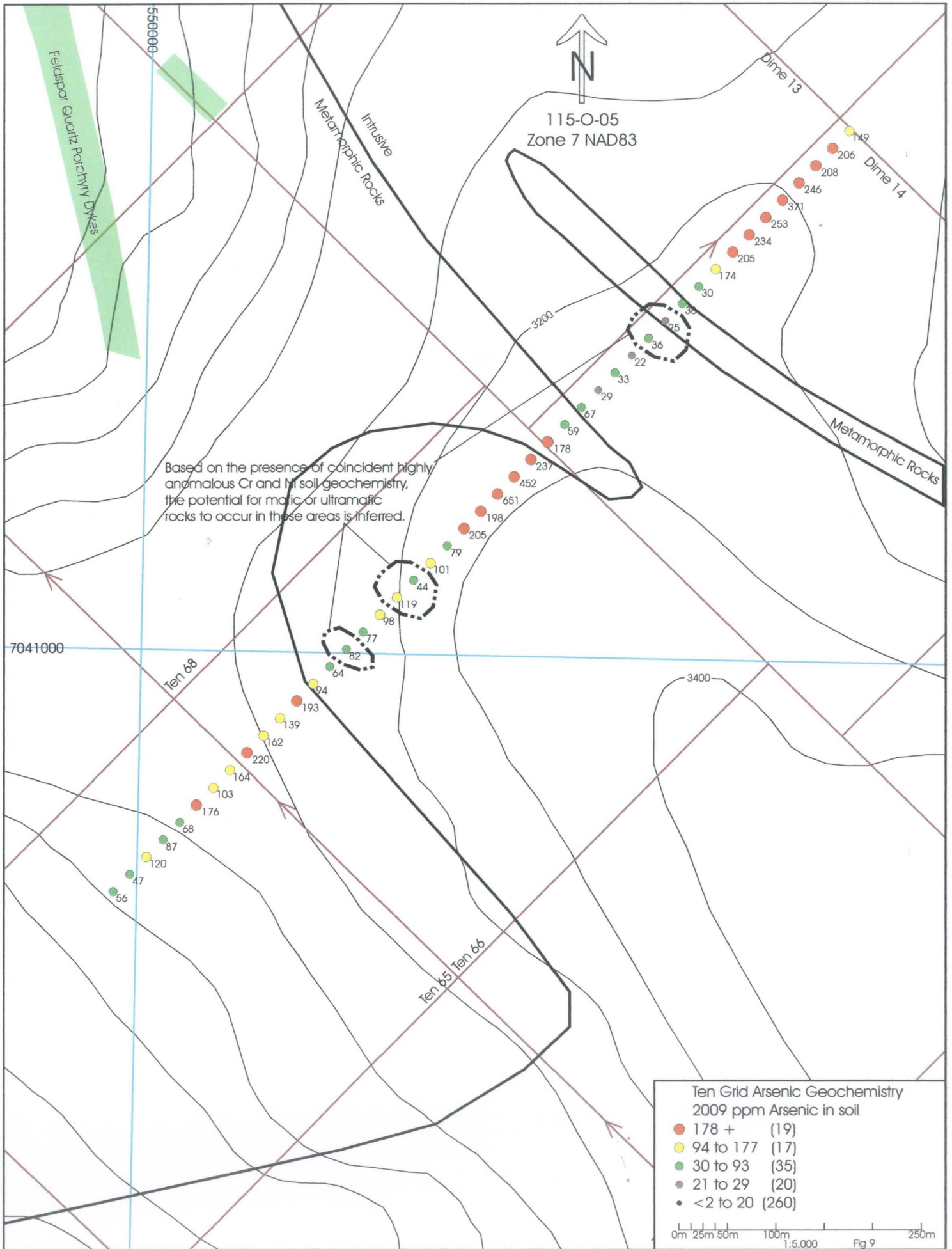
**Recommendations** – Property wide geological mapping (based on rock fragments from hand dug pits) in conjunction with resistivity and magnetic geophysical surveys, along with soil sampling of all un-tested areas of the property should provide ample data with which to direct a large drill program. Based on results to date, and given the somewhat “compromised” land position at Ten Grid, efforts should be concentrated at the Ten West zone as well as in the area south and west of Galena Creek within the eTh/K anomaly and in the vicinity of the Premo anomaly. Claim staking (12-14 claims) should be completed along the north-east edge of the property to acquire the moderate portions of the main eTh/K anomaly in this area that remain on open ground.

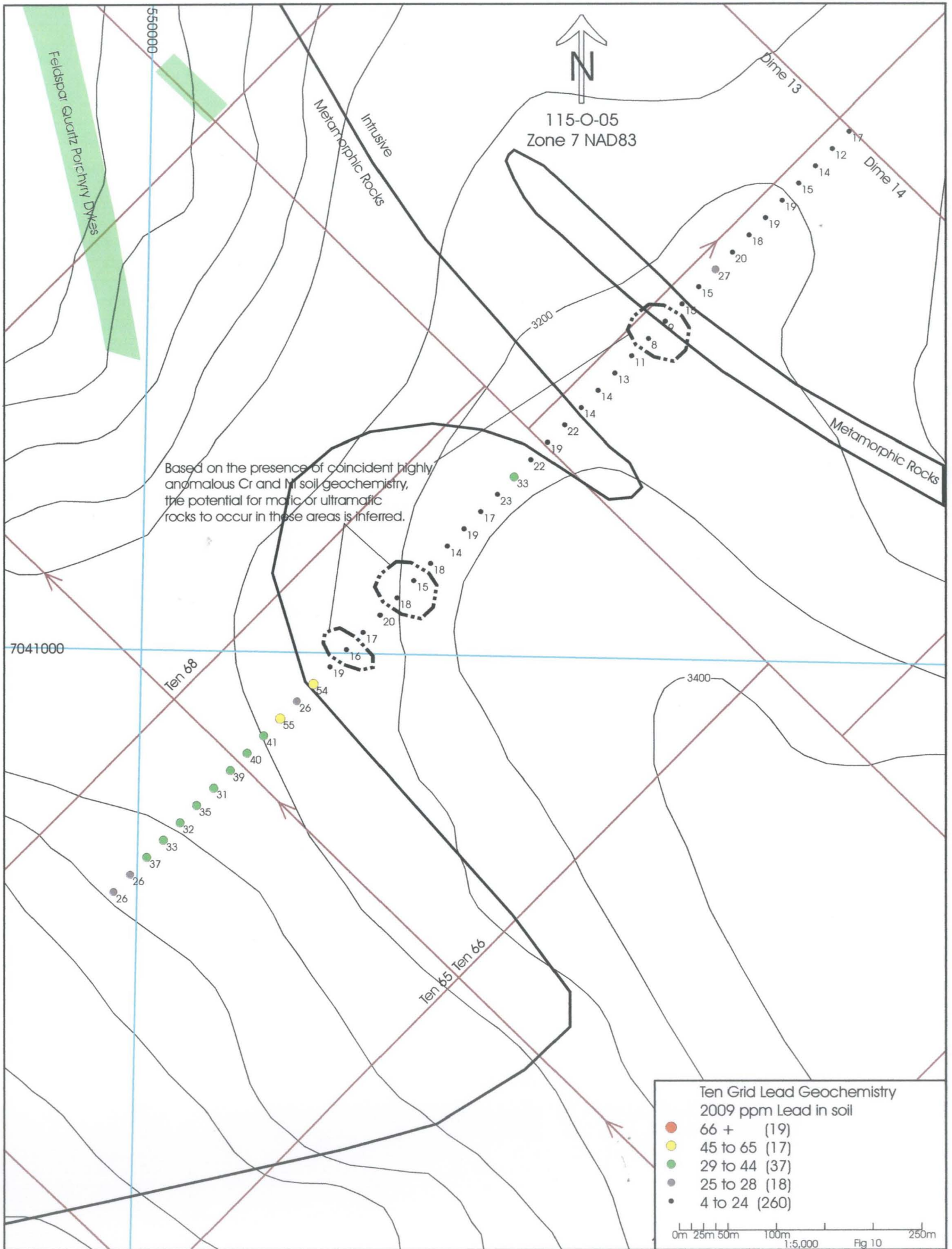


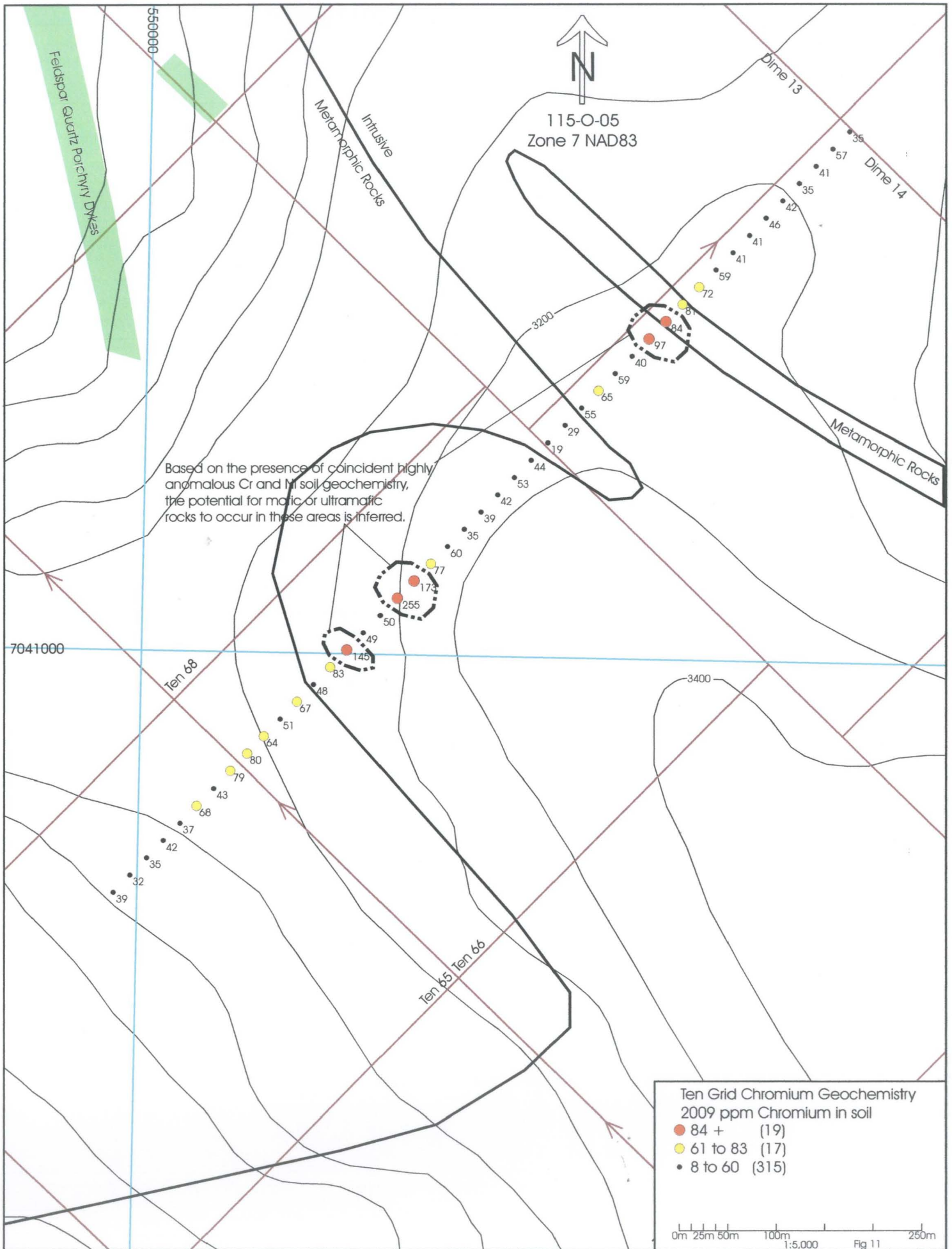
**Ten Grid Gold Geochemistry Map**

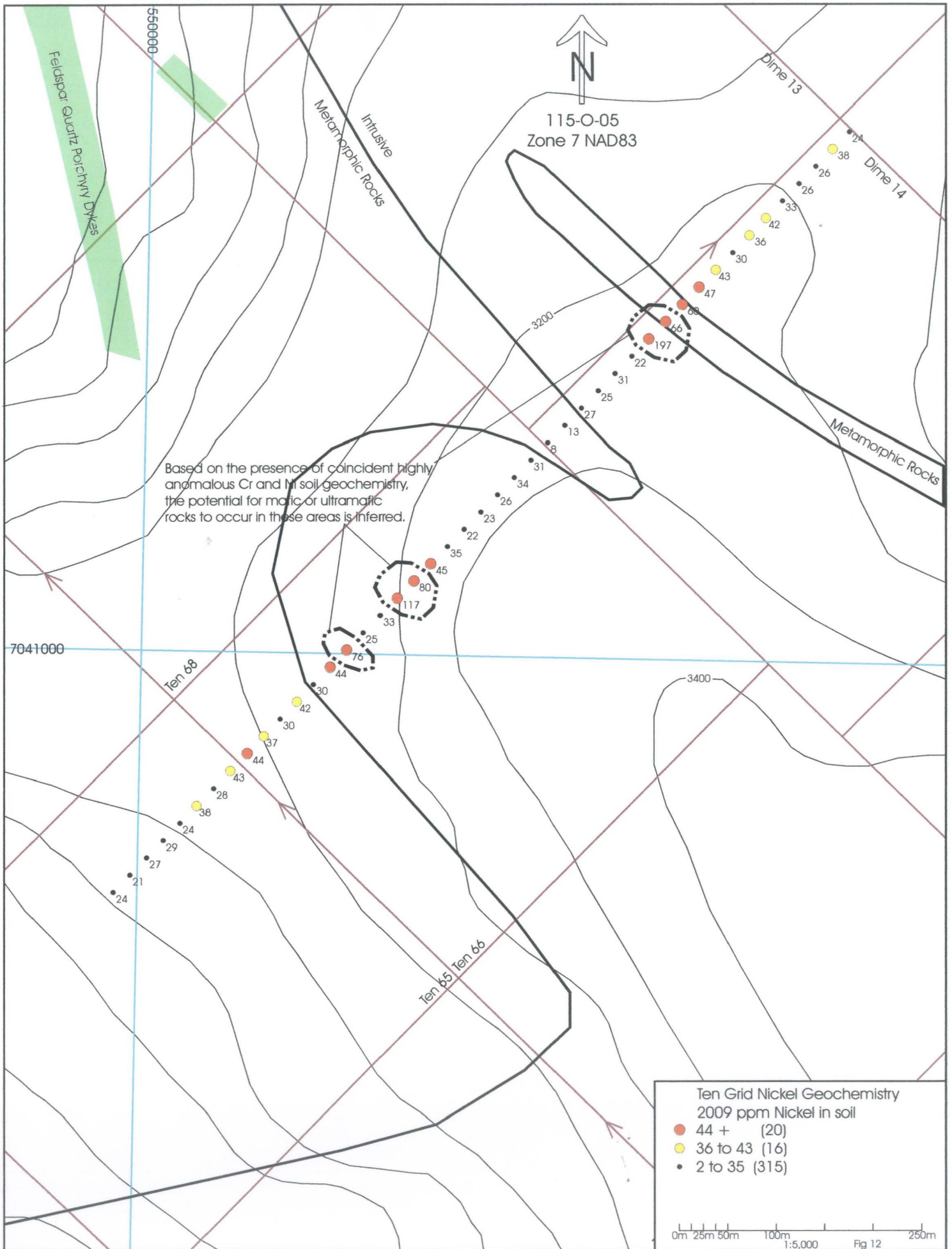
2009 Gold in Soil	Teck Sampling
● 50 to 378 (20)	Soil site + ppb ● 615
● 31 to 49 (22)	Silt site + ppb ● 80
● 19 to 30 (30)	Rock site + ppb ■ 125
● 12 to 18 (47)	(anomalous values only)
● <5 to 11 (232)	

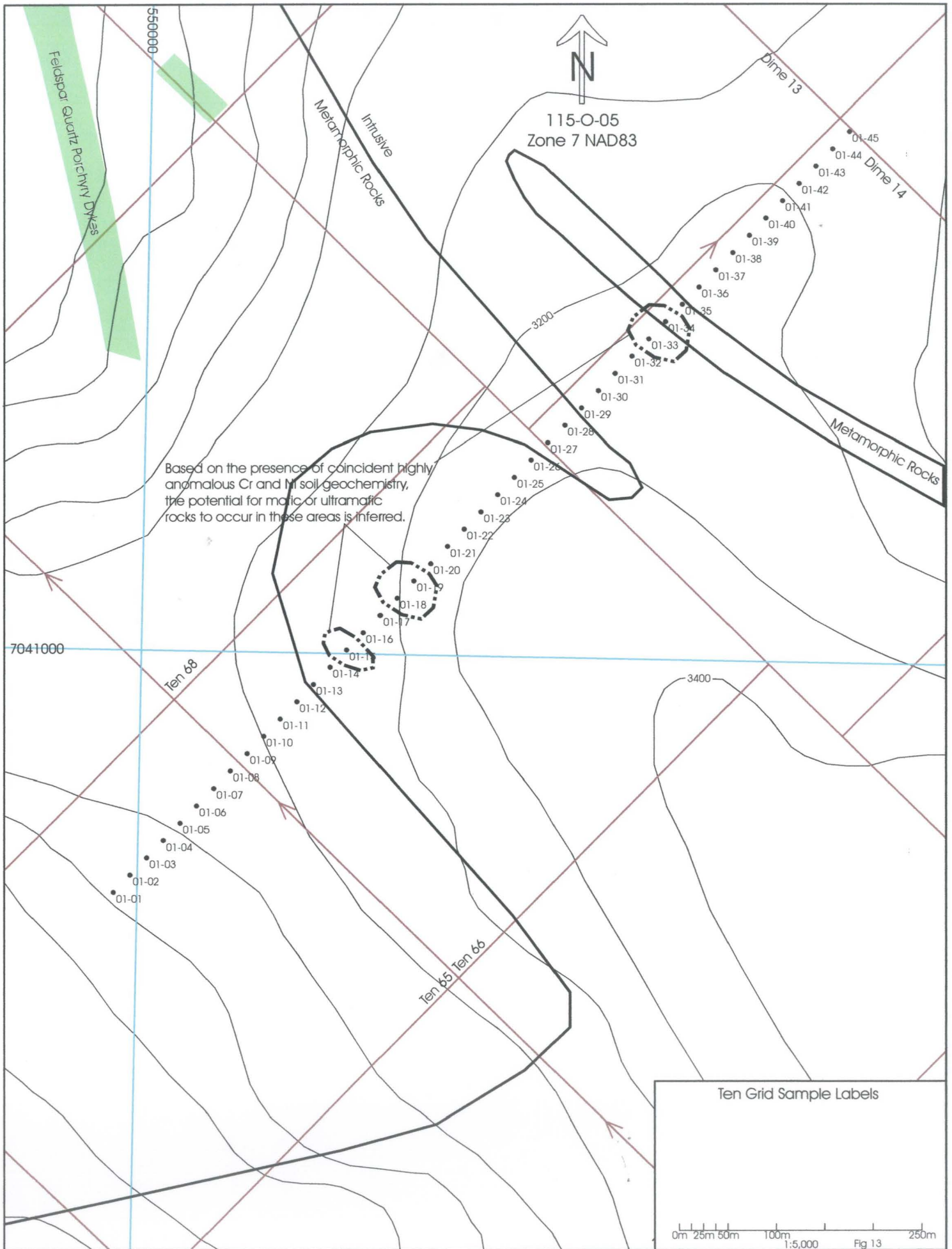








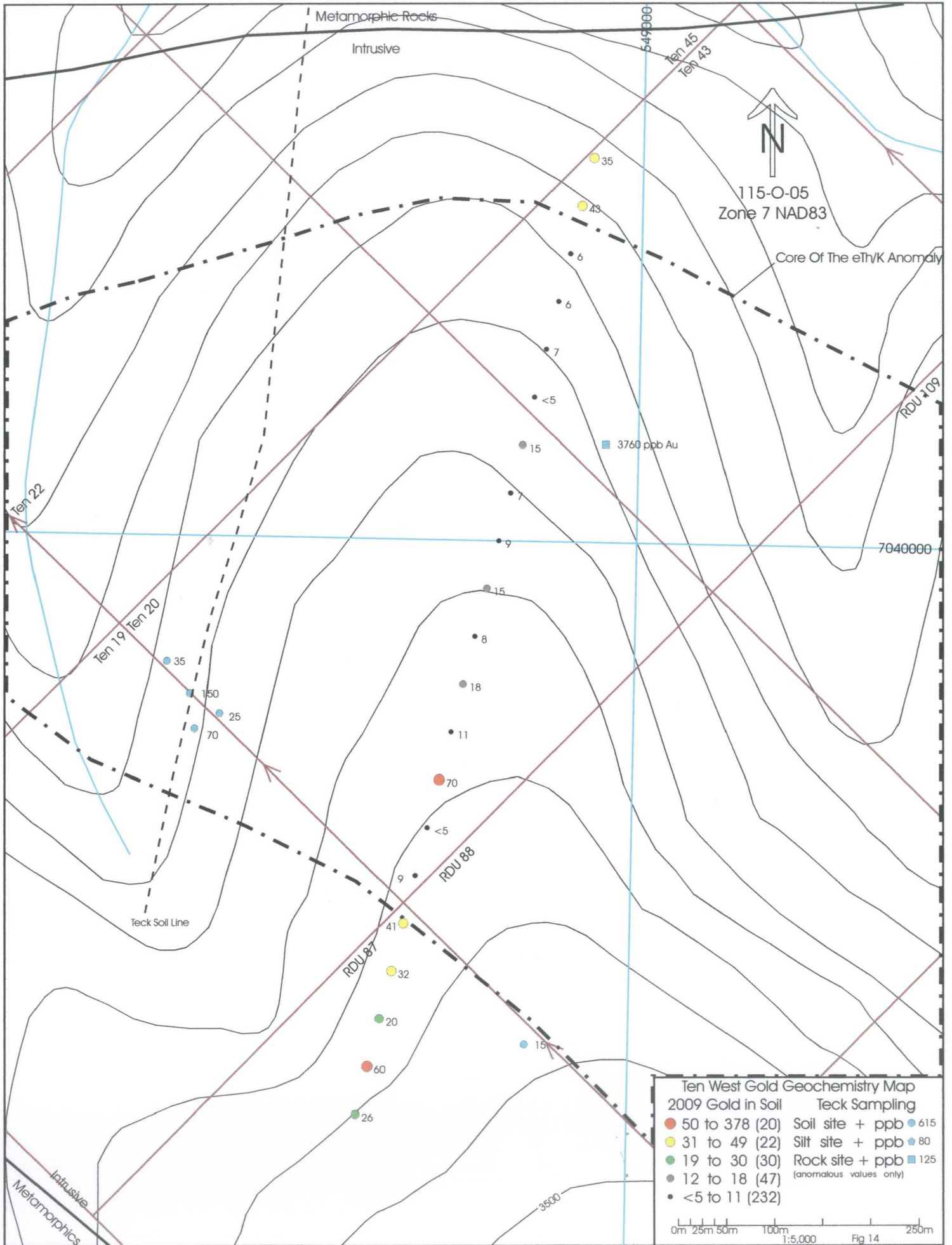


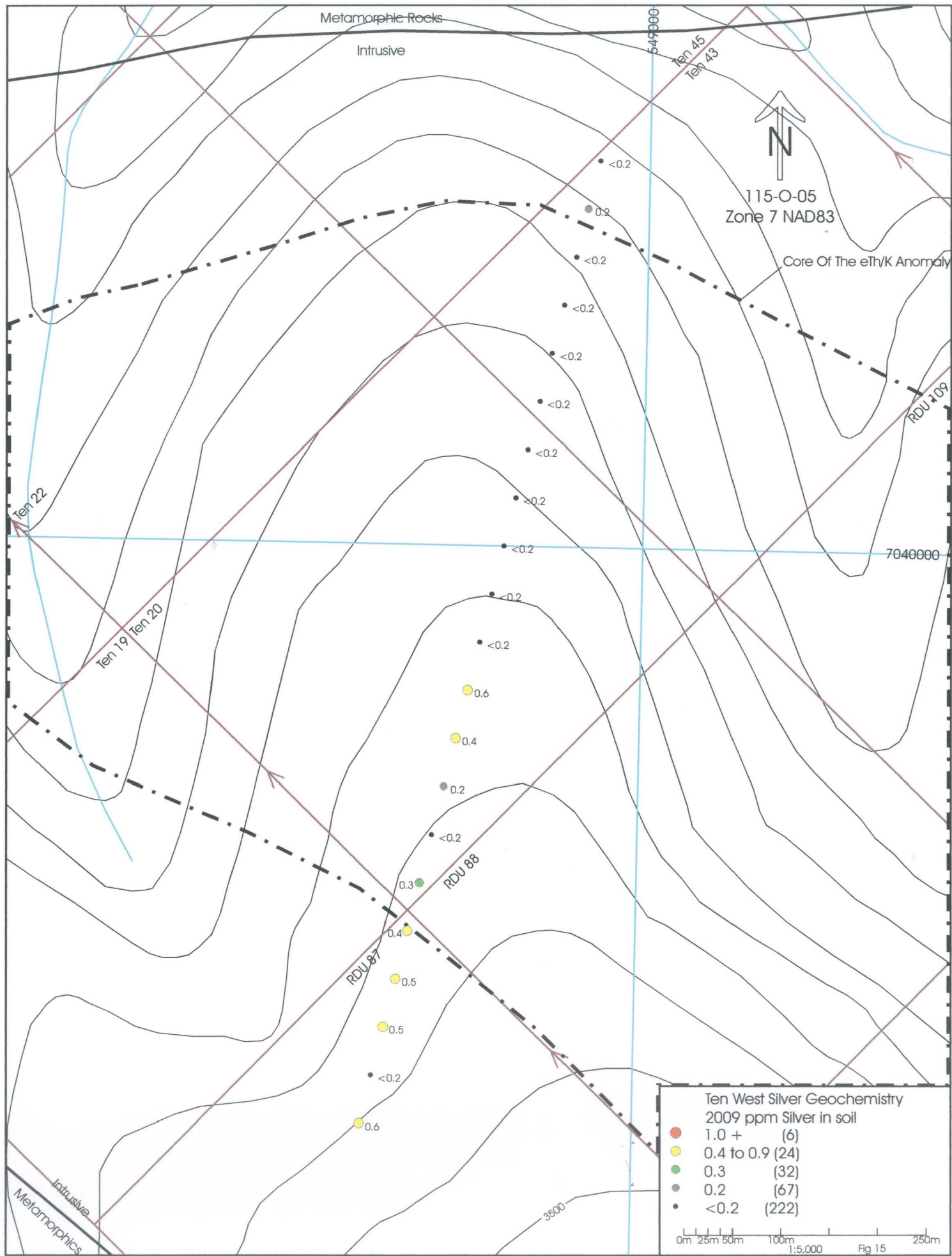


Based on the presence of coincident highly anomalous Cr and Ni soil geochemistry, the potential for mafic or ultramafic rocks to occur in these areas is inferred.

Ten Grid Sample Labels

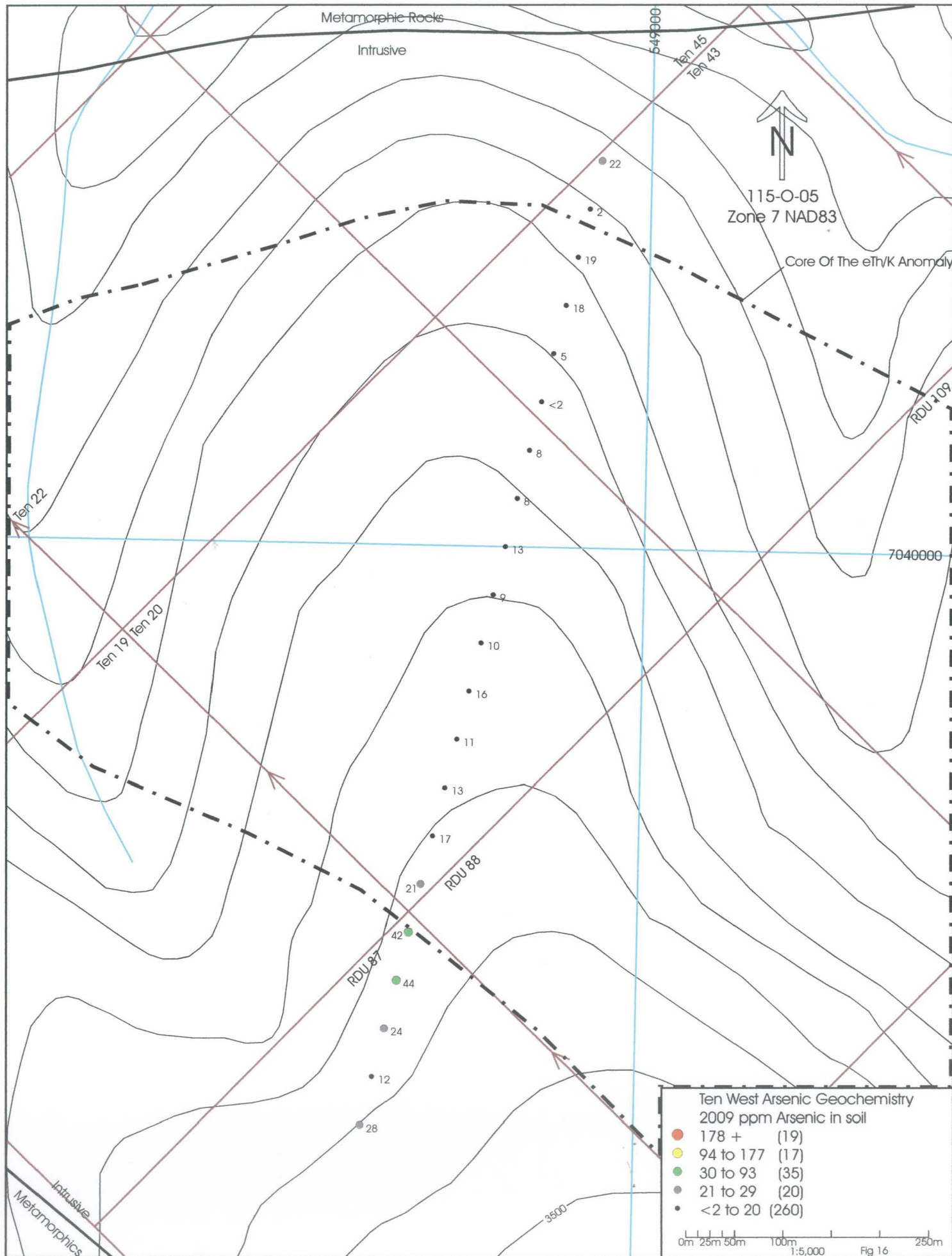
0m 25m 50m 100m 250m  
1:5,000 Fig 13

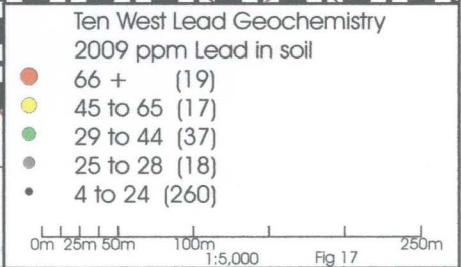
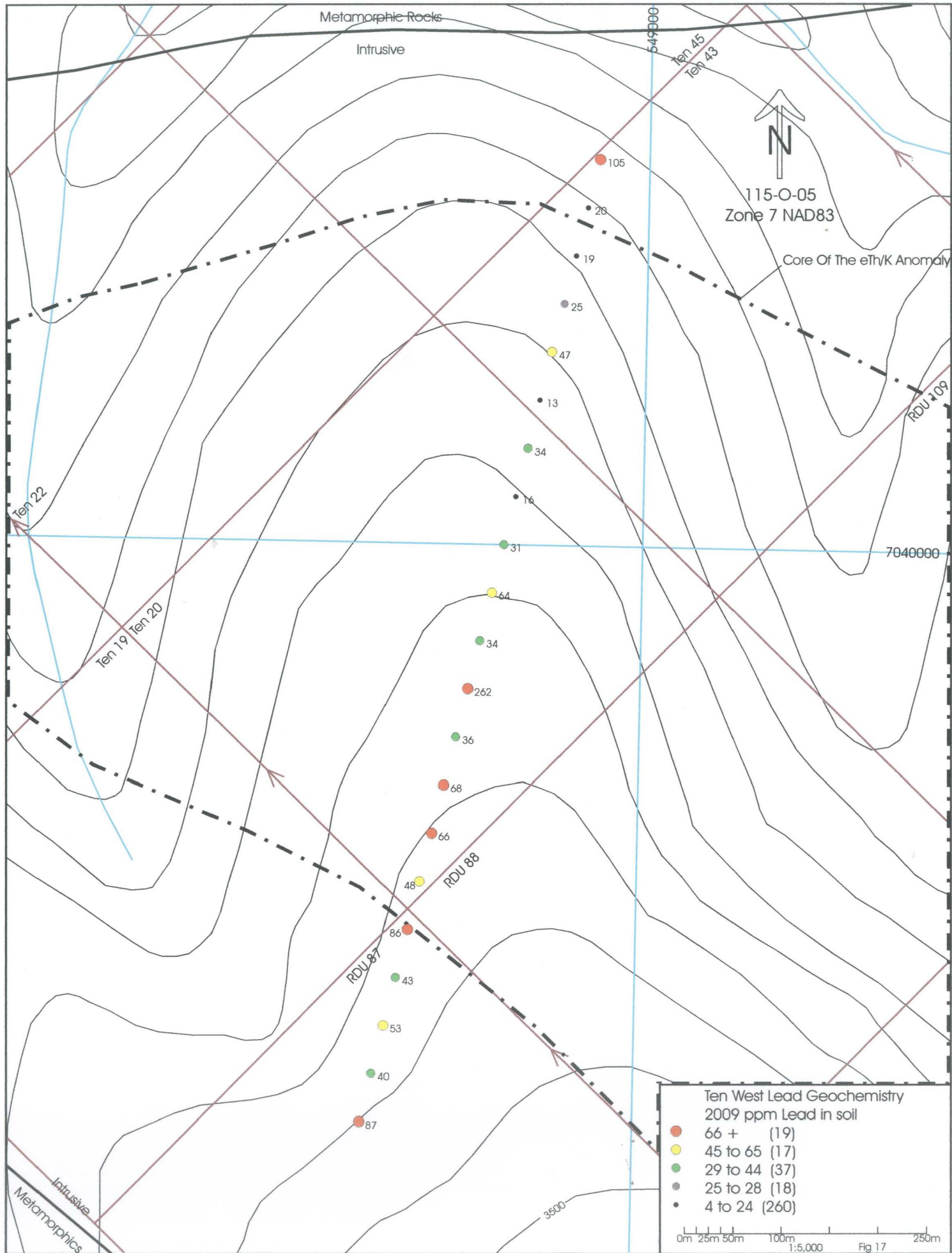


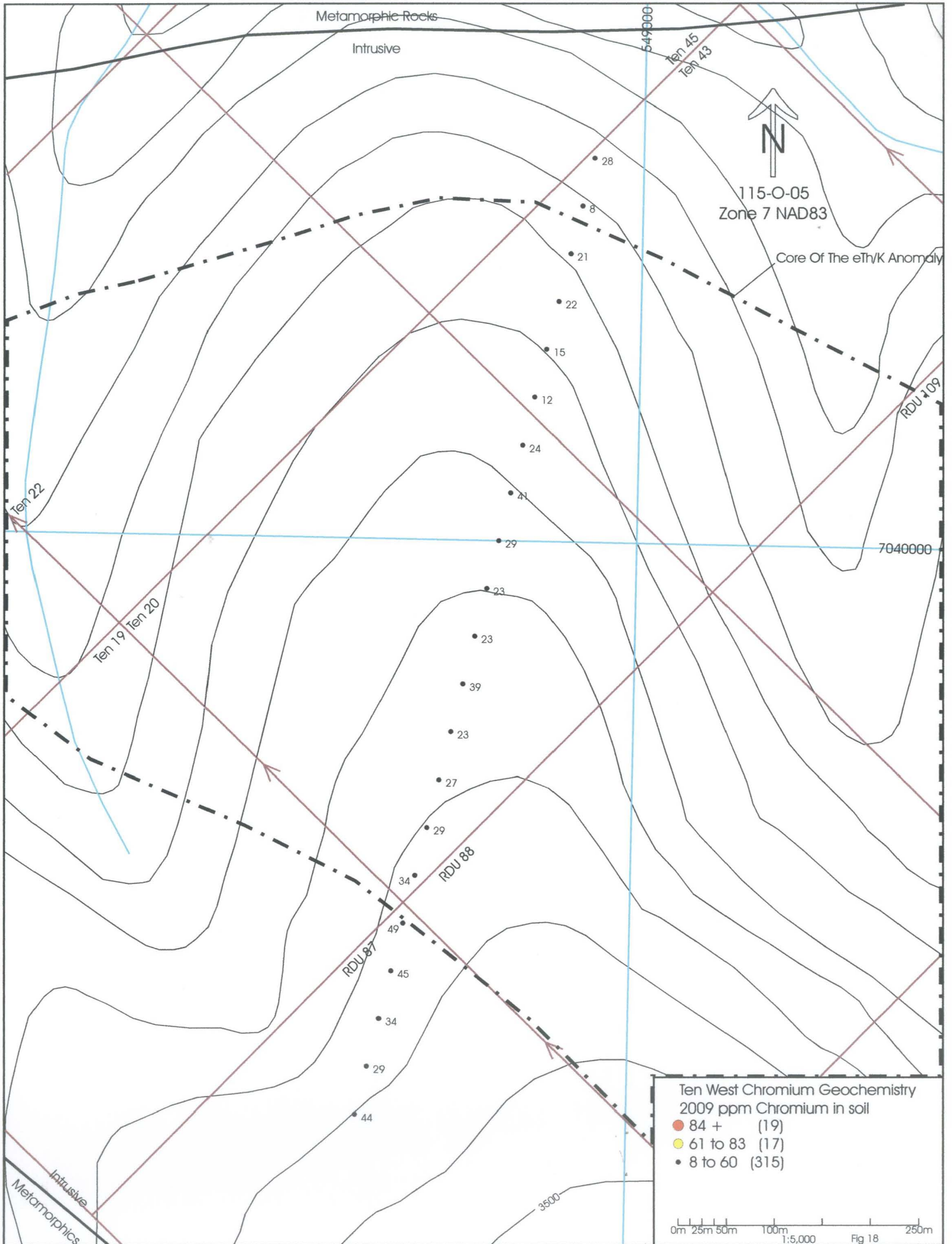


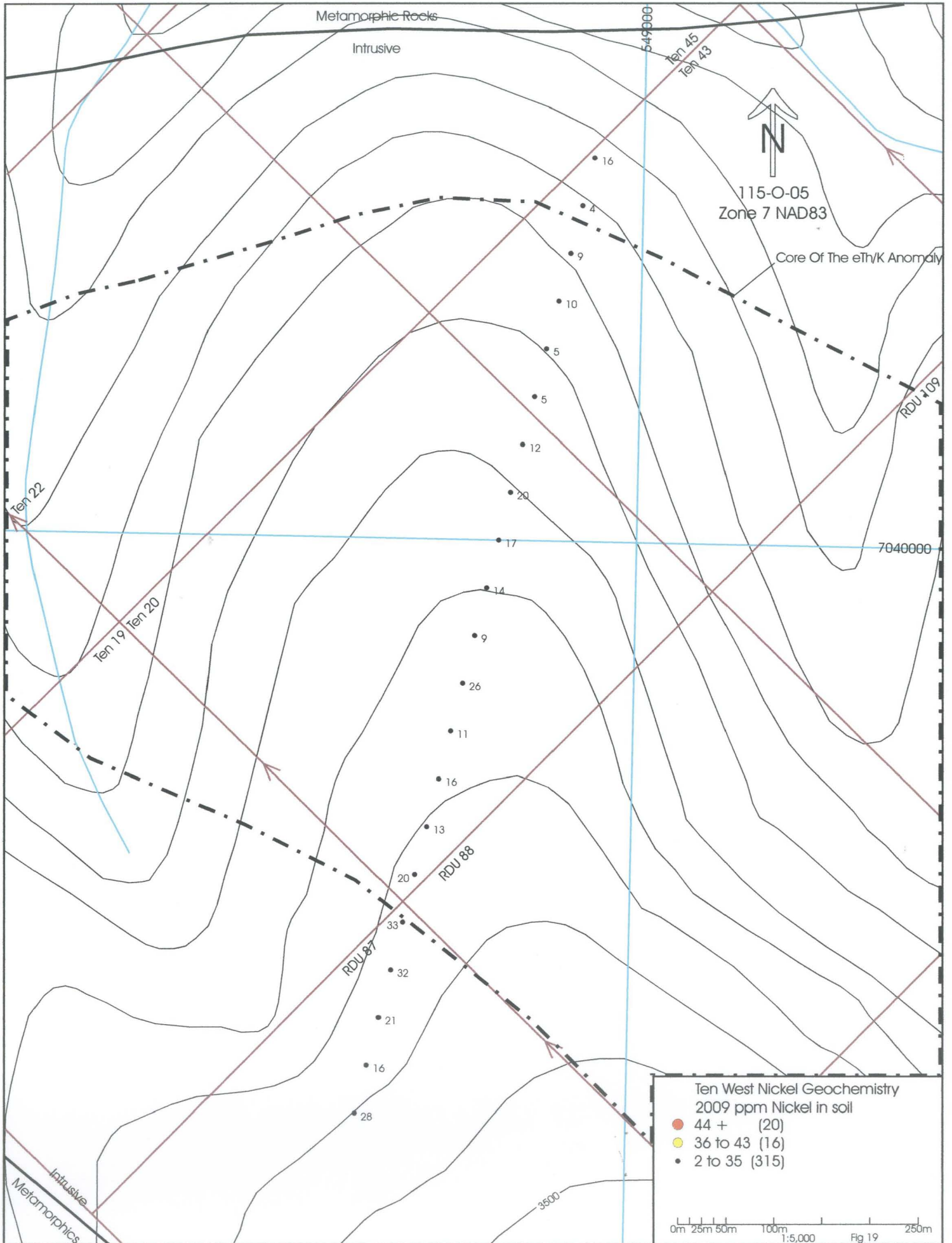
Ten West Silver Geochemistry  
2009 ppm Silver in soil

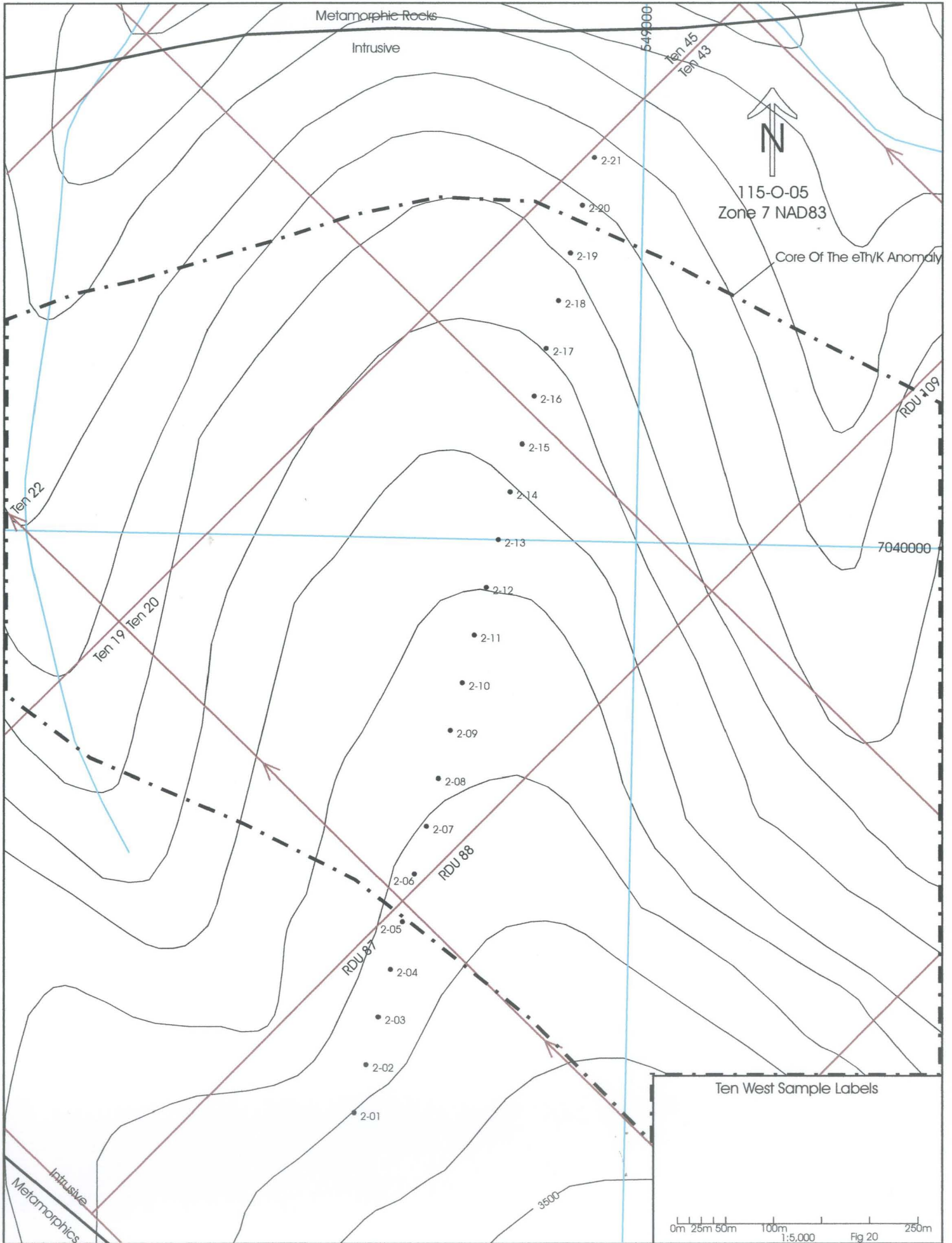
● 1.0 +	(6)
● 0.4 to 0.9	(24)
● 0.3	(32)
● 0.2	(67)
● <0.2	(222)

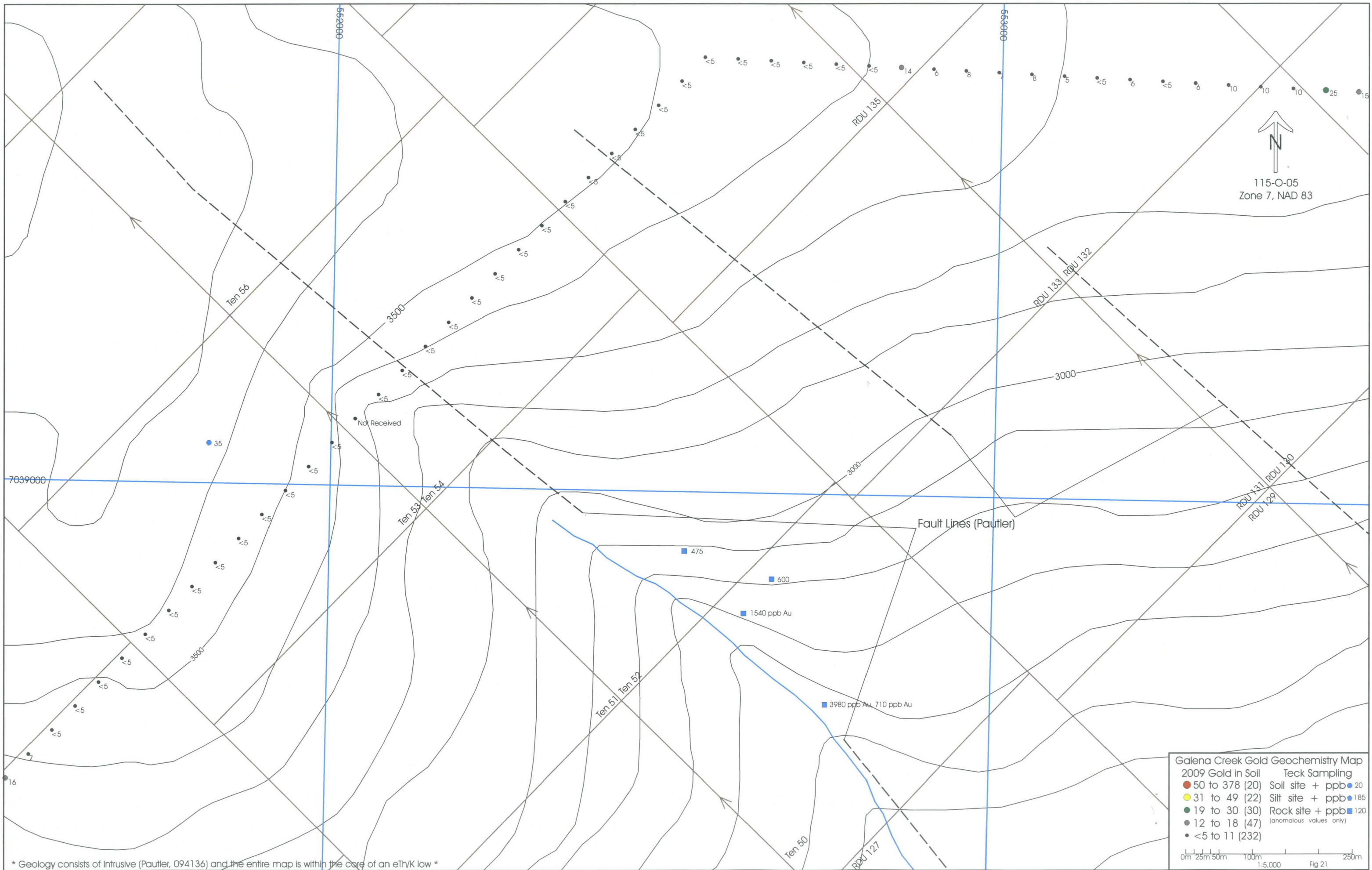










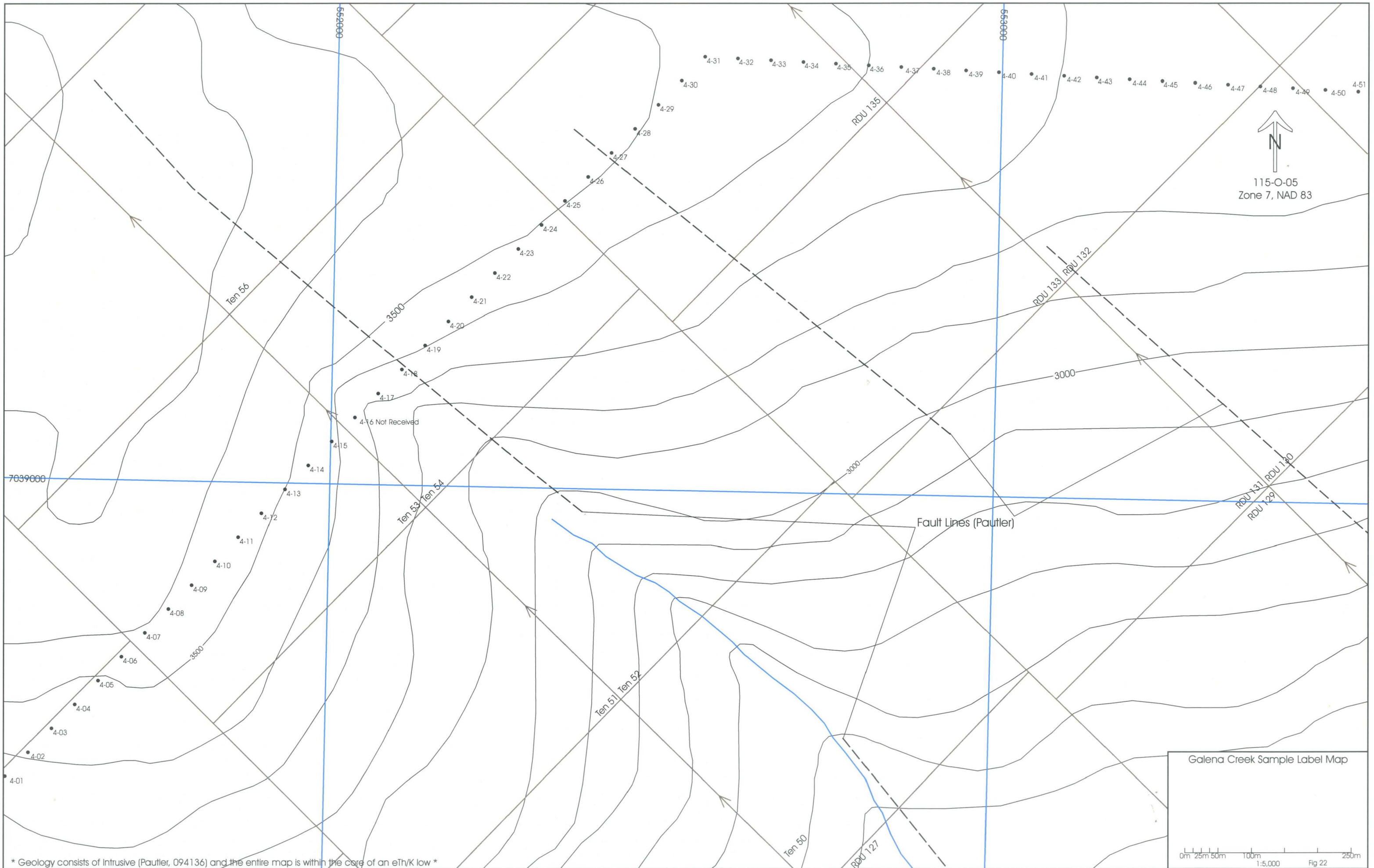


\* Geology consists of Intrusive (Pautler, 094136) and the entire map is within the core of an eTh/K low \*

**Galena Creek Gold Geochemistry Map**  
 2009 Gold in Soil      Teck Sampling

● 50 to 378 (20)	Soil site + ppb	● 20
● 31 to 49 (22)	Silt site + ppb	● 185
● 19 to 30 (30)	Rock site + ppb	● 120
● 12 to 18 (47)	(anomalous values only)	
● <5 to 11 (232)		

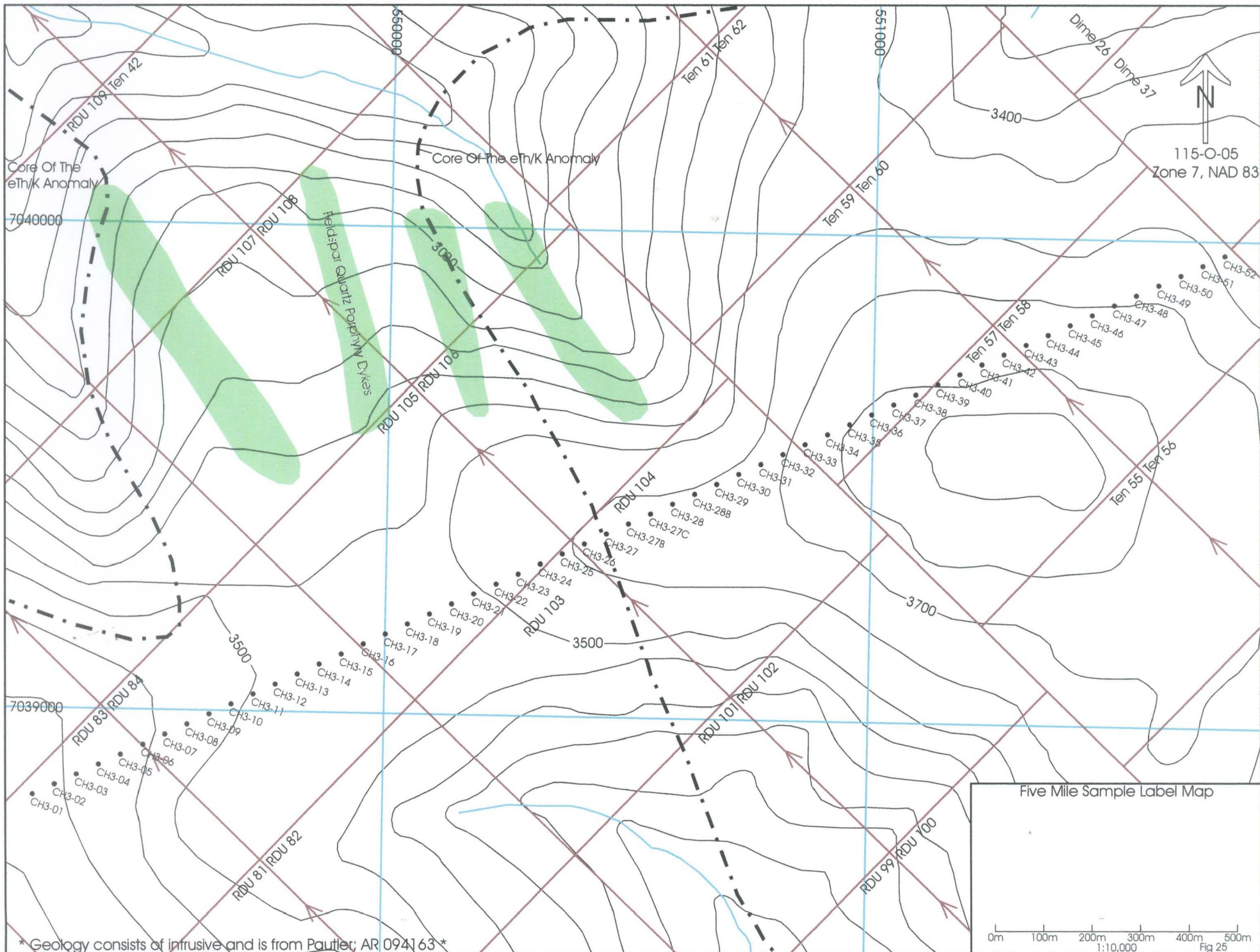
0m 25m 50m 100m 250m  
 1:5,000      Fig 21



\* Geology consists of Intrusive (Pautler, 094136) and the entire map is within the core of an eTh/K low \*







\* Geology consists of intrusive and is from Pauffer; AR 094] 63 \*

Five Mile Sample Label Map  
 0m 100m 200m 300m 400m 500m  
 1:10,000  
 Fig 25

Sample	Weight	Au	Ag	As	Pb	Cr	Ni	Easting	Northing	Property	Zone
01-01,	0.48	0.012	< 0.2	56	26	39	24	549984	7040752	Ten-RDU	Ten-Swat
01-02,	0.56	0.008	< 0.2	47	26	32	21	549985	7040762	Ten-RDU	Ten-Swat
01-03,	0.52	0.018	0.3	120	37	35	27	550008	7040774	Ten-RDU	Ten-Swat
01-04,	0.8	0.017	< 0.2	87	33	42	29	550019	7040797	Ten-RDU	Ten-Swat
01-05,	0.46	0.01	0.2	68	32	37	24	550038	7040813	Ten-RDU	Ten-Swat
01-06,	0.54	0.032	< 0.2	176	35	68	38	550052	7040836	Ten-RDU	Ten-Swat
01-07,	0.58	0.021	< 0.2	103	31	43	28	550069	7040851	Ten-RDU	Ten-Swat
01-08,	0.6	0.03	0.2	164	39	79	43	550084	7040870	Ten-RDU	Ten-Swat
01-09,	0.52	0.024	0.2	220	40	80	44	550107	7040885	Ten-RDU	Ten-Swat
01-10,	0.48	0.028	0.2	162	41	64	37	550118	7040909	Ten-RDU	Ten-Swat
01-11,	0.5	0.015	0.2	139	55	51	30	550140	7040925	Ten-RDU	Ten-Swat
01-12,	0.54	0.032	0.3	193	26	67	42	550156	7040941	Ten-RDU	Ten-Swat
01-13,	0.5	0.028	< 0.2	94	54	48	30	550174	7040961	Ten-RDU	Ten-Swat
01-14,	0.58	0.011	< 0.2	64	19	83	44	550192	7040977	Ten-RDU	Ten-Swat
01-15,	0.58	0.017	< 0.2	82	16	145	76	550208	7040998	Ten-RDU	Ten-Swat
01-16,	0.56	0.007	0.3	77	17	49	25	550223	7041015	Ten-RDU	Ten-Swat
01-17,	0.66	0.017	< 0.2	98	20	50	33	550241	7041034	Ten-RDU	Ten-Swat
01-18,	0.7	0.011	< 0.2	119	18	255	117	550261	7041049	Ten-RDU	Ten-Swat
01-19,	0.66	0.015	< 0.2	44	15	173	80	550276	7041068	Ten-RDU	Ten-Swat
01-20,	0.56	0.01	< 0.2	101	18	77	45	550299	7041098	Ten-RDU	Ten-Swat
01-21,	0.5	0.018	< 0.2	79	14	60	35	550314	7041117	Ten-RDU	Ten-Swat
01-22,	0.64	0.021	< 0.2	205	19	35	22	550331	7041134	Ten-RDU	Ten-Swat
01-23,	0.68	0.017	< 0.2	198	17	39	23	550352	7041152	Ten-RDU	Ten-Swat
01-24,	0.54	0.04	< 0.2	651	23	42	26	550368	7041172	Ten-RDU	Ten-Swat
01-25,	0.62	0.376	0.2	452	33	53	34	550383	7041190	Ten-RDU	Ten-Swat
01-26,	0.6	0.04	< 0.2	237	22	44	31	550400	7041206	Ten-RDU	Ten-Swat
01-27,	0.44	0.015	< 0.2	178	19	19	8	550418	7041228	Ten-RDU	Ten-Swat
01-28,	0.42	0.006	< 0.2	59	22	29	13	550432	7041246	Ten-RDU	Ten-Swat
01-29,	0.44	0.007	< 0.2	67	14	55	27	550452	7041262	Ten-RDU	Ten-Swat
01-30,	0.44	< 0.005	< 0.2	29	14	65	25	550469	7041281	Ten-RDU	Ten-Swat
01-31,	0.7	0.008	< 0.2	33	13	59	31	550487	7041298	Ten-RDU	Ten-Swat
01-32,	0.56	< 0.005	< 0.2	22	11	40	22	550500	7041317	Ten-RDU	Ten-Swat
01-33,	0.56	0.009	0.3	36	8	97	197	550521	7041334	Ten-RDU	Ten-Swat
01-34,	0.7	0.005	< 0.2	25	9	84	66	550537	7041354	Ten-RDU	Ten-Swat
01-35,	0.62	0.006	< 0.2	38	15	81	60	550556	7041373	Ten-RDU	Ten-Swat
01-36,	0.72	0.013	0.3	30	15	72	47	550571	7041391	Ten-RDU	Ten-Swat
01-37,	0.64	0.028	0.3	174	27	59	43	550587	7041410	Ten-RDU	Ten-Swat
01-38,	0.72	0.046	0.2	205	20	41	30	550607	7041429	Ten-RDU	Ten-Swat
01-39,	0.6	0.087	0.3	234	18	41	36	550628	7041456	Ten-RDU	Ten-Swat
01-40,	0.72	0.067	0.2	253	19	46	42	550648	7041477	Ten-RDU	Ten-Swat
01-41,	0.64	0.073	0.4	371	19	42	33	550659	7041498	Ten-RDU	Ten-Swat
01-42,	0.54	0.059	1.1	246	15	35	26	550669	7041503	Ten-RDU	Ten-Swat
01-43,	0.58	0.111	0.2	208	14	41	26	550688	7041526	Ten-RDU	Ten-Swat
01-44,	0.56	0.043	< 0.2	206	12	57	38	550704	7041537	Ten-RDU	Ten-Swat
01-45,	0.56	0.094	0.4	149	17	35	24	550722	7041540	Ten-RDU	Ten-Swat
02-01,	0.48	0.026	0.6	28	87	44	28	548718	7039402	Ten-RDU	Ten-West
02-02,	0.6	0.06	< 0.2	12	40	29	16	548736	7039472	Ten-RDU	Ten-West
02-03,	0.54	0.02	0.5	24	53	34	21	548748	7039521	Ten-RDU	Ten-West
02-04,	0.74	0.032	0.5	44	43	45	32	548760	7039572	Ten-RDU	Ten-West
02-05,	0.32	0.041	0.4	42	86	49	33	548768	7039622	Ten-RDU	Ten-West
02-06,	0.42	0.009	0.3	21	48	34	20	548781	7039668	Ten-RDU	Ten-West
02-07,	0.6	< 0.005	< 0.2	17	66	29	13	548792	7039718	Ten-RDU	Ten-West
02-08,	0.56	0.07	0.2	13	68	27	16	548804	7039765	Ten-RDU	Ten-West
02-09,	0.5	0.011	0.4	11	36	23	11	548815	7039814	Ten-RDU	Ten-West
02-10,	0.38	0.018	0.6	16	262	39	26	548827	7039866	Ten-RDU	Ten-West
02-11,	0.34	0.008	< 0.2	10	34	23	9	548839	7039910	Ten-RDU	Ten-West
02-12,	0.66	0.015	< 0.2	9	64	23	14	548848	7039962	Ten-RDU	Ten-West

Sample	Weight	Au	Ag	As	Pb	Cr	Ni	Easting	Northing	Property	Zone
02-13,	0.32	0.009	< 0.2	13	31	29	17	548860	7040009	Ten-RDU	Ten-West
02-14,	0.48	0.007	< 0.2	8	16	41	20	548871	7040058	Ten-RDU	Ten-West
02-15,	0.44	0.015	< 0.2	8	34	24	12	548883	7040106	Ten-RDU	Ten-West
02-16,	0.34	< 0.005	< 0.2	< 2	13	12	5	548894	7040155	Ten-RDU	Ten-West
02-17,	0.36	0.007	< 0.2	5	47	15	5	548906	7040205	Ten-RDU	Ten-West
02-18,	0.44	0.006	< 0.2	18	25	22	10	548914	7040254	Ten-RDU	Ten-West
02-19,	0.36	0.006	< 0.2	19	19	21	9	548927	7040302	Ten-RDU	Ten-West
02-20,	0.32	0.043	0.2	2	20	8	4	548939	7040352	Ten-RDU	Ten-West
02-21,	0.6	0.035	< 0.2	22	105	28	16	548950	7040399	Ten-RDU	Ten-West
CH3-01	0.42	0.006	< 0.2	19	28	39	20	549274	7038819	Ten-RDU	Five Mile
CH3-02	0.44	< 0.005	< 0.2	21	71	46	23	549317	7038850	Ten-RDU	Five Mile
CH3-03	0.46	0.007	< 0.2	21	45	44	23	549366	7038865	Ten-RDU	Five Mile
CH3-04	0.56	0.013	0.4	30	74	36	20	549415	7038884	Ten-RDU	Five Mile
CH3-05	0.5	0.013	0.2	18	31	34	18	549457	7038916	Ten-RDU	Five Mile
CH3-06	0.52	0.012	0.3	20	31	35	20	549501	7038920	Ten-RDU	Five Mile
CH3-07	0.56	0.007	< 0.2	10	15	33	18	549544	7038941	Ten-RDU	Five Mile
CH3-08	0.5	0.01	0.4	8	24	29	19	549590	7038974	Ten-RDU	Five Mile
CH3-09	0.4	0.005	0.2	10	33	35	18	549634	7038996	Ten-RDU	Five Mile
CH3-10	0.5	0.027	< 0.2	11	13	32	15	549684	7039021	Ten-RDU	Five Mile
CH3-11	0.36	< 0.005	0.2	9	17	26	11	549728	7039035	Ten-RDU	Five Mile
CH3-12	0.46	0.006	< 0.2	5	46	18	8	549770	7039052	Ten-RDU	Five Mile
CH3-13	0.46	< 0.005	< 0.2	6	15	35	17	549817	7039081	Ten-RDU	Five Mile
CH3-14	0.34	< 0.005	0.2	10	22	34	17	549868	7039101	Ten-RDU	Five Mile
CH3-15	0.5	0.008	< 0.2	6	13	32	18	549912	7039119	Ten-RDU	Five Mile
CH3-16	0.4	< 0.005	< 0.2	6	38	28	14	549954	7039145	Ten-RDU	Five Mile
CH3-17	0.46	< 0.005	< 0.2	9	22	39	20	550001	7039163	Ten-RDU	Five Mile
CH3-18	0.48	0.008	< 0.2	6	57	17	8	550039	7039185	Ten-RDU	Five Mile
CH3-19	0.5	< 0.005	< 0.2	10	12	40	20	550086	7039210	Ten-RDU	Five Mile
CH3-20	0.6	< 0.005	< 0.2	13	19	41	24	550128	7039240	Ten-RDU	Five Mile
CH3-21	0.56	< 0.005	< 0.2	10	23	39	21	550174	7039252	Ten-RDU	Five Mile
CH3-22	0.54	< 0.005	< 0.2	9	23	41	25	550224	7039262	Ten-RDU	Five Mile
CH3-23	0.56	< 0.005	< 0.2	7	26	30	16	550275	7039280	Ten-RDU	Five Mile
CH3-24	0.46	< 0.005	0.2	12	49	38	21	550327	7039302	Ten-RDU	Five Mile
CH3-25	0.48	< 0.005	< 0.2	8	23	38	22	550378	7039314	Ten-RDU	Five Mile
CH3-26	0.56	0.038	< 0.2	8	23	36	23	550418	7039317	Ten-RDU	Five Mile
CH3-27	0.5	0.007	< 0.2	7	33	26	12	550471	7039341	Ten-RDU	Five Mile
CH3-27B	0.44	< 0.005	< 0.2	10	34	39	24	550515	7039351	Ten-RDU	Five Mile
CH3-27C	0.44	< 0.005	0.2	10	21	30	17	550562	7039361	Ten-RDU	Five Mile
CH3-28	0.4	< 0.005	0.4	8	19	28	15	550625	7039376	Ten-RDU	Five Mile
CH3-28B	0.36	< 0.005	0.2	8	21	29	17	550662	7039392	Ten-RDU	Five Mile
CH3-29	0.36	0.005	0.2	9	16	25	14	550709	7039410	Ten-RDU	Five Mile
CH3-30	0.42	< 0.005	< 0.2	11	13	30	16	550754	7039434	Ten-RDU	Five Mile
CH3-31	0.42	< 0.005	< 0.2	9	16	31	16	550800	7039457	Ten-RDU	Five Mile
CH3-32	0.4	< 0.005	< 0.2	7	14	26	11	550845	7039475	Ten-RDU	Five Mile
CH3-33	0.56	< 0.005	< 0.2	8	14	34	24	550885	7039494	Ten-RDU	Five Mile
CH3-34	0.44	< 0.005	< 0.2	7	10	24	11	550933	7039516	Ten-RDU	Five Mile
CH3-35	0.52	0.022	< 0.2	10	13	36	23	550980	7039541	Ten-RDU	Five Mile
CH3-36	0.64	< 0.005	< 0.2	10	22	30	16	551024	7039558	Ten-RDU	Five Mile
CH3-37	0.32	0.007	< 0.2	7	11	30	19	551067	7039583	Ten-RDU	Five Mile
CH3-38	0.48	< 0.005	< 0.2	7	13	22	9	551113	7039607	Ten-RDU	Five Mile
CH3-39	0.58	0.04	< 0.2	6	15	31	17	551142	7039758	Ten-RDU	Five Mile
CH3-40	0.58	< 0.005	0.6	5	26	30	19	551201	7039658	Ten-RDU	Five Mile
CH3-41	0.48	< 0.005	< 0.2	9	17	25	12	551242	7039690	Ten-RDU	Five Mile
CH3-42	0.56	0.058	< 0.2	3	42	23	12	551286	7039713	Ten-RDU	Five Mile
CH3-43	0.5	< 0.005	< 0.2	10	22	35	22	551330	7039739	Ten-RDU	Five Mile
CH3-44	0.52	< 0.005	< 0.2	12	24	29	19	551372	7039766	Ten-RDU	Five Mile
CH3-45	0.66	0.023	0.2	15	104	50	30	551425	7039788	Ten-RDU	Five Mile
CH3-46	0.42	0.014	< 0.2	13	52	40	23	551468	7039804	Ten-RDU	Five Mile

Sample	Weight	Au	Ag	As	Pb	Cr	Ni	Easting	Northing	Property	Zone
CH3-47	0.42	0.017	0.2	6	41	35	19	551511	7039834	Ten-RDU	Five Mile
CH3-48	0.54	0.049	< 0.2	5	24	31	17	551558	7039855	Ten-RDU	Five Mile
CH3-49	0.46	0.005	0.2	5	19	32	17	551593	7039885	Ten-RDU	Five Mile
CH3-50	0.6	< 0.005	< 0.2	9	24	30	17	551639	7039901	Ten-RDU	Five Mile
CH3-51	0.36	0.007	0.2	4	12	20	10	551683	7039935	Ten-RDU	Five Mile
CH3-52	0.5	< 0.005	< 0.2	11	17	35	22	551720	7039969	Ten-RDU	Five Mile
04-01,	0.34	0.016	< 0.2	4	10	26	16	551519	7038550	Ten-RDU	Galena Cr
04-02,	0.28	0.007	0.3	8	13	30	18	551562	7038589	Ten-RDU	Galena Cr
04-03,	0.46	< 0.005	< 0.2	5	8	28	17	551599	7038620	Ten-RDU	Galena Cr
04-04,	0.28	< 0.005	< 0.2	6	7	24	15	551630	7038658	Ten-RDU	Galena Cr
04-05,	0.42	< 0.005	0.2	10	11	33	20	551665	7038693	Ten-RDU	Galena Cr
04-06,	0.28	< 0.005	0.2	9	12	33	18	551699	7038731	Ten-RDU	Galena Cr
04-07,	0.22	< 0.005	0.2	3	13	24	14	551733	7038768	Ten-RDU	Galena Cr
04-08,	0.3	< 0.005	0.2	9	11	32	19	551767	7038805	Ten-RDU	Galena Cr
04-09,	0.22	< 0.005	0.5	5	16	24	19	551801	7038841	Ten-RDU	Galena Cr
04-10,	0.28	< 0.005	0.3	6	12	26	16	551837	7038878	Ten-RDU	Galena Cr
04-11,	0.32	< 0.005	< 0.2	11	12	32	18	551872	7038913	Ten-RDU	Galena Cr
04-12,	0.4	< 0.005	< 0.2	9	8	18	8	551903	7038951	Ten-RDU	Galena Cr
04-13,	0.34	< 0.005	< 0.2	8	9	19	9	551935	7038991	Ten-RDU	Galena Cr
04-14,	0.2	< 0.005	< 0.2	8	12	32	16	551973	7039027	Ten-RDU	Galena Cr
04-15,	0.28	< 0.005	< 0.2	5	12	22	12	552007	7039063	Ten-RDU	Galena Cr
04-16,	Not Recvd									Ten-RDU	Galena Cr
04-17,	0.3	< 0.005	< 0.2	6	16	26	15	552071	7039129	Ten-RDU	Galena Cr
04-18,	0.28	< 0.005	< 0.2	4	12	26	14	552110	7039171	Ten-RDU	Galena Cr
04-19,	0.24	< 0.005	0.3	9	12	31	21	552148	7039208	Ten-RDU	Galena Cr
04-20,	0.24	< 0.005	0.4	6	13	29	19	552174	7039243	Ten-RDU	Galena Cr
04-21,	0.3	< 0.005	0.3	5	13	25	15			Ten-RDU	Galena Cr
04-22,	0.32	< 0.005	0.2	9	13	34	19	552251	7039319	Ten-RDU	Galena Cr
04-23,	0.3	< 0.005	0.3	13	23	41	27	552278	7039351	Ten-RDU	Galena Cr
04-24,	0.44	< 0.005	< 0.2	11	14	32	18			Ten-RDU	Galena Cr
04-25,	0.32	< 0.005	0.2	5	12	31	20	552343	7039432	Ten-RDU	Galena Cr
04-26,	0.64	< 0.005	< 0.2	8	8	32	17	552369	7039456	Ten-RDU	Galena Cr
04-27,	0.54	< 0.005	0.2	12	9	35	17	552407	7039495	Ten-RDU	Galena Cr
04-28,	0.4	< 0.005	0.3	9	15	29	14	552440	7039532	Ten-RDU	Galena Cr
04-29,	0.36	< 0.005	< 0.2	3	7	17	8	552478	7039575	Ten-RDU	Galena Cr
04-30,	0.48	< 0.005	< 0.2	9	11	36	19	552513	7039612	Ten-RDU	Galena Cr
04-31,	0.36	< 0.005	0.2	9	9	21	9	552545	7039648	Ten-RDU	Galena Cr
04-32,	0.46	< 0.005	0.3	12	10	41	22	552598	7039651	Ten-RDU	Galena Cr
04-33,	0.42	< 0.005	0.2	10	10	32	16	552648	7039643	Ten-RDU	Galena Cr
04-34,	0.44	< 0.005	< 0.2	6	9	29	14	552701	7039650	Ten-RDU	Galena Cr
04-35,	0.44	< 0.005	< 0.2	13	12	28	12	552748	7039642	Ten-RDU	Galena Cr
04-36,	0.56	< 0.005	< 0.2	8	12	31	17	552799	7039643	Ten-RDU	Galena Cr
04-37,	0.42	0.014	0.2	8	17	29	15	552849	7039642	Ten-RDU	Galena Cr
04-38,	0.5	0.006	< 0.2	10	12	30	14	552898	7039643	Ten-RDU	Galena Cr
04-39,	0.42	0.008	< 0.2	12	12	38	23	552950	7039636	Ten-RDU	Galena Cr
04-40,	0.64	0.007	< 0.2	7	9	37	20	553001	7039634	Ten-RDU	Galena Cr
04-41,	0.52	0.008	0.2	11	12	41	20	553047	7039632	Ten-RDU	Galena Cr
04-42,	0.56	0.005	< 0.2	8	10	40	22	553097	7039630	Ten-RDU	Galena Cr
04-43,	0.42	< 0.005	< 0.2	13	12	40	24	553148	7039636	Ten-RDU	Galena Cr
04-44,	0.48	0.006	0.3	8	9	37	18	553198	7039632	Ten-RDU	Galena Cr
04-45,	0.4	< 0.005	0.2	11	9	28	11	553249	7039629	Ten-RDU	Galena Cr
04-46,	0.54	0.006	< 0.2	12	8	39	22	553297	7039625	Ten-RDU	Galena Cr
04-47,	0.46	0.01	< 0.2	10	9	37	19	553344	7039625	Ten-RDU	Galena Cr
04-48,	0.46	0.01	< 0.2	13	9	43	26	553399	7039626	Ten-RDU	Galena Cr
04-49,	0.3	0.01	0.4	14	10	34	20	553450	7039621	Ten-RDU	Galena Cr
04-50,	0.42	0.025	0.2	12	7	34	19	553500	7039620	Ten-RDU	Galena Cr
04-51,	0.52	0.015	< 0.2	9	7	48	22	553548	7039622	Ten-RDU	Galena Cr

## **Statement Of Qualifications**

I, Bernie Kreft, directed the exploration work described herein.

I have over 23 years prospecting experience in the Yukon.

This report is based on fieldwork directed by myself, and includes information from various publicly available assessment reports.

This report is based on fieldwork completed during the 2009 field season.

This report is based on fieldwork completed on the Ten and RDU quartz claims.

Respectfully Submitted,

---

Bernie Kreft

**Statement Of Costs**

Fireweed Helicopters	\$7,375.01
Coureur De Bois (soil sampling 169 samples)	\$4,461.53
Coureur De Bois (staking 20 claims)	\$3,675.00
Chemex (assaying)	\$4,823.39
Report Writing and Duplication	\$2,000.00
Project Management	\$300.00
Yukon Government (assessment filing fees)	<u>\$722.00</u>
Total	\$23,356.93



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
1-01		0.48	0.012	<0.2	2.05	56	<10	320	0.6	<2	0.32	<0.5	8	39	22	3.16
1-02		0.56	0.008	<0.2	1.72	47	<10	260	0.6	<2	0.24	<0.5	9	32	18	2.75
1-03		0.52	0.018	0.3	1.82	120	<10	310	1.0	<2	0.33	<0.5	9	35	27	2.93
1-04		0.80	0.017	<0.2	2.08	87	<10	250	0.6	<2	0.29	<0.5	9	42	26	3.31
1-05		0.46	0.010	0.2	1.99	68	<10	310	0.6	<2	0.25	<0.5	12	37	21	3.09
1-06		0.54	0.032	<0.2	2.20	176	<10	290	0.8	<2	0.28	<0.5	11	68	26	3.41
1-07		0.58	0.021	<0.2	2.03	103	<10	230	0.5	<2	0.22	<0.5	9	43	23	3.19
1-08		0.60	0.030	0.2	2.21	164	<10	290	0.8	<2	0.35	<0.5	12	79	25	3.41
1-09		0.52	0.024	0.2	2.90	220	<10	480	1.0	<2	0.44	<0.5	11	80	30	4.03
1-10		0.48	0.028	0.2	2.05	162	<10	290	0.8	<2	0.31	<0.5	11	64	28	3.21
1-11		0.50	0.015	0.2	1.87	139	<10	210	0.6	<2	0.15	<0.5	11	51	20	3.10
1-12		0.54	0.032	0.3	2.50	193	<10	390	1.0	<2	0.31	<0.5	21	67	34	3.69
1-13		0.50	0.028	<0.2	2.21	94	<10	230	0.8	<2	0.15	<0.5	14	48	26	3.37
1-14		0.58	0.011	<0.2	2.41	64	<10	200	0.8	<2	0.16	<0.5	14	83	30	3.99
1-15		0.58	0.017	<0.2	2.62	82	<10	380	0.9	<2	0.17	<0.5	13	145	30	3.43
1-16		0.56	0.007	0.3	2.00	77	<10	200	0.5	<2	0.12	<0.5	7	49	16	3.57
1-17		0.66	0.017	<0.2	2.25	98	<10	610	1.1	<2	0.25	<0.5	10	50	36	3.58
1-18		0.70	0.011	<0.2	4.00	119	<10	220	1.6	<2	0.13	<0.5	26	255	69	5.28
1-19		0.66	0.015	<0.2	2.57	44	<10	280	1.1	<2	0.23	<0.5	14	173	24	3.67
1-20		0.56	0.010	<0.2	3.11	101	<10	310	1.1	<2	0.23	<0.5	18	77	67	4.91
1-21		0.50	0.018	<0.2	2.40	79	<10	240	0.9	<2	0.18	<0.5	14	60	53	3.97
1-22		0.64	0.021	<0.2	1.81	205	<10	170	0.5	<2	0.12	<0.5	8	35	20	2.94
1-23		0.68	0.017	<0.2	1.99	198	<10	180	0.5	2	0.13	<0.5	8	39	21	3.17
1-24		0.54	0.040	<0.2	2.04	651	<10	220	0.7	<2	0.19	<0.5	11	42	27	3.30
1-25		0.62	0.376	0.2	2.43	452	<10	290	1.0	<2	0.25	<0.5	17	53	43	3.81
1-26		0.60	0.040	<0.2	2.26	237	<10	250	0.8	<2	0.18	<0.5	13	44	35	3.50
1-27		0.44	0.015	<0.2	0.98	178	<10	150	<0.5	<2	0.09	<0.5	4	19	13	1.98
1-28		0.42	0.006	<0.2	1.40	59	<10	280	<0.5	<2	0.20	<0.5	6	29	25	2.37
1-29		0.44	0.007	<0.2	1.86	67	<10	170	<0.5	2	0.14	<0.5	10	55	43	3.00
1-30		0.44	<0.005	<0.2	1.41	29	<10	260	<0.5	<2	0.12	<0.5	6	65	25	2.37
1-31		0.70	0.008	<0.2	2.33	33	<10	490	0.6	<2	0.36	<0.5	14	59	66	3.55
1-32		0.56	<0.005	<0.2	1.93	22	<10	400	<0.5	2	0.30	<0.5	10	40	61	3.14
1-33		0.56	0.009	0.3	2.00	36	<10	340	0.6	<2	0.66	<0.5	24	97	120	2.86
1-34		0.70	0.005	<0.2	1.87	25	<10	140	<0.5	<2	0.17	<0.5	17	84	33	3.01
1-35		0.62	0.006	<0.2	1.98	38	<10	250	0.5	<2	0.18	<0.5	11	81	36	2.90
1-36		0.72	0.013	0.3	1.85	30	<10	340	0.7	2	0.32	<0.5	11	72	29	2.79
1-37		0.64	0.028	0.3	2.13	174	<10	330	0.7	<2	0.34	<0.5	12	59	33	3.37
1-38		0.72	0.046	0.2	1.63	205	<10	290	0.6	<2	0.35	<0.5	10	41	27	3.01
1-39		0.60	0.087	0.3	1.78	234	<10	730	0.7	<2	0.34	<0.5	9	41	41	3.06
1-40		0.72	0.067	0.2	1.84	253	<10	430	0.8	2	0.26	<0.5	12	46	37	3.46



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WHITEHORSE YT Y1A 5C4

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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	
1-01	10	<1	0.04	10	0.56	436	<1	<0.01	24	210	26	<0.01	<2	5	31	
1-02	10	1	0.05	10	0.44	805	<1	<0.01	21	260	26	<0.01	<2	4	26	
1-03	<10	1	0.06	30	0.47	738	1	<0.01	27	400	37	<0.01	<2	5	34	
1-04	10	<1	0.05	10	0.57	400	1	<0.01	29	240	33	<0.01	<2	5	29	
1-05	10	<1	0.06	10	0.48	1050	1	<0.01	24	260	32	<0.01	<2	5	27	
1-06	10	<1	0.05	10	0.67	776	<1	<0.01	38	330	35	<0.01	<2	5	29	
1-07	10	1	0.05	10	0.55	423	<1	<0.01	28	240	31	<0.01	<2	4	24	
1-08	10	<1	0.05	10	0.73	716	1	<0.01	43	310	39	<0.01	<2	5	37	
1-09	10	1	0.09	10	0.71	930	1	<0.01	44	520	40	0.01	<2	6	47	
1-10	10	1	0.06	10	0.62	533	1	<0.01	37	370	41	<0.01	<2	4	35	
1-11	10	<1	0.06	10	0.51	1380	1	<0.01	30	480	55	0.01	<2	3	19	
1-12	10	1	0.06	10	0.57	2270	1	<0.01	42	580	26	0.01	<2	5	34	
1-13	10	<1	0.05	10	0.57	1005	1	<0.01	30	400	54	<0.01	<2	4	19	
1-14	10	1	0.05	10	0.78	694	1	<0.01	44	240	19	<0.01	<2	5	19	
1-15	10	1	0.05	10	1.21	319	<1	<0.01	76	180	16	<0.01	<2	6	19	
1-16	10	1	0.05	10	0.46	288	1	<0.01	25	290	17	<0.01	<2	4	14	
1-17	10	<1	0.05	20	0.63	385	1	<0.01	33	170	20	<0.01	<2	9	26	
1-18	10	1	0.12	10	2.30	555	1	<0.01	117	240	18	<0.01	<2	12	17	
1-19	10	1	0.08	10	1.16	511	<1	<0.01	80	250	15	<0.01	<2	8	23	
1-20	10	<1	0.14	10	1.33	658	<1	<0.01	45	470	18	<0.01	<2	7	24	
1-21	10	1	0.11	10	1.06	522	<1	<0.01	35	380	14	<0.01	<2	6	18	
1-22	10	<1	0.04	10	0.41	299	1	0.01	22	360	19	0.02	2	3	17	
1-23	10	<1	0.04	10	0.49	307	<1	0.01	23	270	17	0.02	2	4	16	
1-24	<10	<1	0.06	10	0.56	394	<1	0.01	26	420	23	0.02	2	4	22	
1-25	10	<1	0.08	20	0.71	724	1	0.01	34	490	33	0.02	<2	6	27	
1-26	10	1	0.06	10	0.58	544	1	0.01	31	450	22	0.02	2	5	20	
1-27	10	<1	0.05	10	0.20	231	1	<0.01	8	260	19	0.04	3	2	12	
1-28	10	<1	0.05	10	0.40	167	1	0.01	13	210	22	0.14	<2	3	27	
1-29	10	<1	0.08	10	0.90	343	<1	0.01	27	350	14	0.24	<2	4	15	
1-30	10	<1	0.05	10	0.53	188	1	0.01	25	210	14	0.02	<2	3	15	
1-31	10	<1	0.12	10	1.13	468	<1	0.01	31	370	13	0.02	<2	5	30	
1-32	10	<1	0.07	10	0.76	254	<1	0.01	22	280	11	0.02	<2	5	29	
1-33	10	<1	0.08	10	1.20	443	<1	0.01	197	390	8	0.03	3	6	44	
1-34	10	1	0.06	10	0.94	403	<1	0.01	66	350	9	0.01	2	3	19	
1-35	10	<1	0.07	20	0.85	380	1	0.01	60	300	15	0.02	<2	4	21	
1-36	10	<1	0.07	30	0.81	414	<1	0.01	47	360	15	0.01	<2	4	30	
1-37	10	<1	0.09	30	0.74	470	1	0.01	43	590	27	0.02	2	4	33	
1-38	10	<1	0.07	30	0.57	347	1	0.01	30	560	20	0.01	2	5	37	
1-39	<10	<1	0.06	20	0.50	276	2	0.01	36	680	18	0.04	2	5	53	
1-40	<10	<1	0.06	20	0.65	429	1	0.01	42	520	19	0.03	<2	6	37	



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Ti	U	V	W	Zn
Units		ppm	%	ppm	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10	2
1-01		<20	0.08	<10	<10	67	<10	58
1-02		<20	0.07	<10	<10	62	<10	54
1-03		<20	0.06	<10	<10	55	<10	57
1-04		<20	0.08	<10	<10	67	<10	63
1-05		<20	0.08	<10	<10	67	<10	60
1-06		<20	0.06	<10	<10	71	<10	65
1-07		<20	0.07	<10	<10	66	<10	63
1-08		<20	0.07	<10	<10	70	<10	69
1-09		<20	0.07	<10	<10	86	<10	79
1-10		<20	0.06	<10	<10	65	<10	69
1-11		<20	0.06	<10	<10	66	<10	59
1-12		<20	0.06	<10	<10	72	<10	68
1-13		<20	0.07	<10	<10	72	<10	62
1-14		<20	0.08	<10	<10	80	<10	68
1-15		<20	0.10	<10	<10	76	<10	55
1-16		<20	0.08	<10	<10	82	<10	46
1-17		<20	0.08	<10	<10	74	<10	63
1-18		<20	0.08	<10	<10	124	<10	72
1-19		<20	0.10	<10	<10	87	<10	62
1-20		<20	0.10	<10	<10	116	<10	76
1-21		<20	0.08	<10	<10	92	<10	60
1-22		<20	0.05	<10	<10	63	<10	51
1-23		<20	0.07	<10	<10	67	<10	51
1-24		<20	0.06	<10	<10	67	<10	61
1-25		<20	0.07	<10	<10	75	<10	69
1-26		<20	0.07	<10	<10	66	<10	63
1-27		<20	0.10	<10	<10	75	<10	28
1-28		<20	0.09	<10	<10	67	<10	38
1-29		<20	0.11	<10	<10	86	<10	61
1-30		<20	0.10	<10	<10	78	<10	35
1-31		<20	0.12	<10	<10	94	<10	76
1-32		<20	0.11	<10	<10	103	<10	54
1-33		<20	0.08	<10	<10	73	<10	54
1-34		<20	0.09	<10	<10	70	<10	55
1-35		<20	0.09	<10	<10	67	<10	54
1-36		<20	0.08	<10	<10	57	<10	62
1-37		<20	0.08	<10	<10	61	<10	83
1-38		<20	0.06	<10	<10	49	<10	72
1-39		<20	0.05	<10	<10	51	<10	99
1-40		<20	0.07	<10	<10	66	<10	103



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
1-41		0.64	0.073	0.4	2.02	371	<10	420	0.7	<2	0.22	<0.5	11	42	41	3.46
1-42		0.54	0.059	1.1	1.99	246	<10	420	0.6	2	0.14	<0.5	9	35	32	2.96
1-43		0.58	0.111	0.2	2.05	208	<10	480	0.7	2	0.19	<0.5	10	41	28	3.19
1-44		0.56	0.043	<0.2	2.01	206	<10	770	0.9	<2	0.33	<0.5	10	57	45	3.48
1-45		0.56	0.094	0.4	2.28	149	<10	420	0.6	3	0.13	<0.5	8	35	20	3.32
2-01		0.48	0.026	0.6	2.39	28	<10	450	0.6	2	0.39	<0.5	8	44	22	2.82
2-02		0.60	0.060	<0.2	1.57	12	<10	170	<0.5	<2	0.20	<0.5	8	29	13	2.36
2-03		0.54	0.020	0.5	1.84	24	<10	230	0.5	<2	0.19	<0.5	7	34	17	2.52
2-04		0.74	0.032	0.5	1.78	44	<10	280	0.5	<2	0.29	<0.5	7	45	23	2.56
2-05		0.32	0.041	0.4	3.06	42	<10	480	1.1	<2	0.32	<0.5	10	49	39	3.86
2-06		0.42	0.009	0.3	2.23	21	<10	240	<0.5	2	0.17	<0.5	7	34	16	3.24
2-07		0.60	<0.005	<0.2	1.98	17	<10	140	<0.5	2	0.09	<0.5	5	29	10	3.70
2-08		0.56	0.070	0.2	1.58	13	<10	310	1.0	<2	0.35	<0.5	6	27	13	2.34
2-09		0.50	0.011	0.4	1.37	11	<10	100	<0.5	2	0.08	<0.5	4	23	8	2.64
2-10		0.38	0.018	0.6	3.11	16	<10	570	2.7	<2	0.40	<0.5	7	39	62	3.75
2-11		0.34	0.008	<0.2	1.77	10	<10	160	<0.5	<2	0.15	<0.5	4	23	9	2.51
2-12		0.66	0.015	<0.2	1.77	9	<10	170	0.5	<2	0.10	<0.5	6	23	10	2.08
2-13		0.32	0.009	<0.2	2.42	13	<10	210	0.5	<2	0.13	<0.5	6	29	12	3.03
2-14		0.48	0.007	<0.2	2.73	8	<10	250	0.7	2	0.14	<0.5	10	41	24	2.99
2-15		0.44	0.015	<0.2	1.69	8	<10	190	<0.5	<2	0.09	<0.5	5	24	9	3.30
2-16		0.34	<0.005	<0.2	0.67	<2	<10	140	<0.5	<2	0.09	<0.5	4	12	8	1.41
2-17		0.36	0.007	<0.2	0.88	5	<10	90	<0.5	<2	0.06	<0.5	3	15	6	1.98
2-18		0.44	0.006	<0.2	1.47	18	<10	310	<0.5	<2	0.15	<0.5	6	22	11	3.00
2-19		0.36	0.006	<0.2	1.50	19	<10	140	<0.5	2	0.08	<0.5	4	21	8	2.73
2-20		0.32	0.043	0.2	0.34	2	<10	50	<0.5	<2	0.05	<0.5	1	8	4	0.87
2-21		0.60	0.035	<0.2	1.93	22	<10	240	<0.5	<2	0.14	<0.5	7	28	12	2.71
CH3-01		0.42	0.006	<0.2	2.18	19	<10	140	0.6	<2	0.23	<0.5	10	39	19	3.06
CH3-02		0.44	<0.005	<0.2	2.63	21	<10	190	0.8	<2	0.19	<0.5	12	46	18	3.46
CH3-03		0.46	0.007	<0.2	2.59	21	<10	140	0.8	<2	0.19	<0.5	13	44	19	3.17
CH3-04		0.56	0.013	0.4	2.04	30	<10	200	0.9	2	0.22	0.5	6	36	30	2.59
CH3-05		0.50	0.013	0.2	1.83	18	<10	170	0.6	<2	0.21	<0.5	7	34	16	2.34
CH3-06		0.52	0.012	0.3	1.96	20	<10	270	0.6	<2	0.21	<0.5	8	35	25	2.57
CH3-07		0.56	0.007	<0.2	1.80	10	<10	220	<0.5	<2	0.25	<0.5	7	33	18	2.53
CH3-08		0.50	0.010	0.4	1.94	8	<10	340	1.0	<2	0.26	<0.5	7	29	34	2.67
CH3-09		0.40	0.005	0.2	2.19	10	<10	200	<0.5	<2	0.12	<0.5	10	35	13	3.51
CH3-10		0.50	0.027	<0.2	1.97	11	<10	230	<0.5	<2	0.13	<0.5	6	32	12	3.11
CH3-11		0.36	<0.005	0.2	1.53	9	<10	260	<0.5	2	0.10	0.6	6	26	12	3.01
CH3-12		0.46	0.006	<0.2	0.93	5	<10	230	1.3	<2	0.17	<0.5	3	18	6	1.47
CH3-13		0.46	<0.005	<0.2	2.21	6	<10	260	0.5	<2	0.21	<0.5	8	35	16	3.18
CH3-14		0.34	<0.005	0.2	2.62	10	<10	290	0.8	<2	0.12	<0.5	14	34	21	3.69



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#1 LOCUST PLACE  
WHITEHORSE YT Y1A 5C4

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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	
	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	
1-41	10	<1	0.06	10	0.57	453	1	0.01	33	570	19	0.03	3	5	32	
1-42	10	<1	0.05	10	0.39	337	1	0.01	26	430	15	0.02	3	4	22	
1-43	10	1	0.04	10	0.54	302	1	0.01	26	280	14	0.02	<2	5	27	
1-44	10	<1	0.16	20	0.81	272	1	0.01	38	390	12	0.02	<2	5	41	
1-45	10	<1	0.05	10	0.42	295	1	0.01	24	280	17	0.03	<2	4	22	
2-01	10	1	0.07	10	0.53	314	<1	0.01	28	620	87	0.04	<2	6	38	
2-02	<10	<1	0.04	10	0.40	313	<1	0.01	16	420	40	0.02	<2	3	18	
2-03	10	<1	0.06	10	0.41	312	<1	0.01	21	400	53	0.02	2	3	20	
2-04	10	<1	0.07	20	0.52	355	1	0.01	32	530	43	0.02	2	4	29	
2-05	10	<1	0.08	20	0.59	574	1	0.01	33	830	86	0.05	3	6	41	
2-06	10	<1	0.08	10	0.50	252	1	0.01	20	240	48	0.01	<2	4	22	
2-07	10	<1	0.03	10	0.29	248	1	<0.01	13	410	66	0.02	2	3	11	
2-08	10	<1	0.05	20	0.36	641	<1	0.01	16	420	68	0.01	2	5	32	
2-09	10	1	0.04	10	0.22	210	1	<0.01	11	280	36	0.02	<2	2	9	
2-10	10	<1	0.06	50	0.46	258	1	0.01	26	380	262	0.02	<2	6	49	
2-11	10	<1	0.05	10	0.27	181	<1	0.01	9	240	34	0.02	<2	2	16	
2-12	10	<1	0.03	10	0.33	252	<1	<0.01	14	170	64	0.01	<2	2	12	
2-13	10	<1	0.03	10	0.34	227	<1	0.01	17	210	31	0.02	<2	3	15	
2-14	10	<1	0.04	10	0.52	313	<1	0.01	20	190	16	0.02	3	4	20	
2-15	10	<1	0.03	10	0.24	457	1	0.01	12	320	34	0.02	2	3	11	
2-16	<10	<1	0.03	<10	0.08	810	<1	0.02	5	280	13	0.02	<2	1	12	
2-17	10	<1	0.02	10	0.08	137	<1	0.01	5	210	47	0.01	2	1	8	
2-18	10	<1	0.04	10	0.19	1420	1	0.01	10	920	25	0.03	<2	2	22	
2-19	10	<1	0.03	10	0.19	266	<1	<0.01	9	370	19	0.03	<2	2	10	
2-20	<10	<1	0.02	<10	0.04	132	1	0.01	4	260	20	0.02	<2	<1	7	
2-21	10	<1	0.06	10	0.39	407	<1	0.01	16	390	105	0.02	2	3	15	
CH3-01	10	<1	0.07	10	0.57	385	<1	0.01	20	530	28	0.02	2	4	19	
CH3-02	10	<1	0.07	10	0.61	437	<1	0.01	23	290	71	0.02	2	4	20	
CH3-03	10	<1	0.06	10	0.57	514	<1	0.01	23	500	45	0.02	2	4	17	
CH3-04	10	<1	0.08	20	0.40	312	1	0.01	20	540	74	0.03	<2	3	24	
CH3-05	10	<1	0.05	20	0.48	183	<1	0.01	18	410	31	0.01	<2	4	18	
CH3-06	10	<1	0.05	20	0.48	323	<1	0.01	20	480	31	0.02	<2	4	20	
CH3-07	10	<1	0.04	10	0.52	255	<1	0.01	18	440	15	0.01	<2	4	24	
CH3-08	10	<1	0.05	20	0.28	413	1	0.02	19	760	24	0.04	2	2	34	
CH3-09	10	<1	0.04	10	0.47	755	1	0.01	18	540	33	0.02	2	3	14	
CH3-10	10	<1	0.04	10	0.38	245	1	0.01	15	300	13	0.02	<2	3	17	
CH3-11	10	1	0.04	10	0.24	528	1	0.01	11	740	17	0.02	<2	2	14	
CH3-12	<10	<1	0.06	20	0.24	303	<1	0.01	8	290	46	0.01	<2	2	20	
CH3-13	10	<1	0.04	10	0.56	402	<1	0.01	17	590	15	0.02	<2	3	22	
CH3-14	10	<1	0.05	10	0.38	1520	1	0.01	17	1040	22	0.03	<2	3	16	



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Account: KREBER

## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm 20	Ti % 0.01	Ti ppm 10	U ppm 10	V ppm 1	W ppm 10	Zn ppm 2
1-41		<20	0.07	<10	<10	64	<10	88
1-42		<20	0.06	<10	<10	59	<10	66
1-43		<20	0.07	<10	<10	66	<10	68
1-44		<20	0.10	<10	<10	76	<10	101
1-45		<20	0.06	<10	<10	67	<10	59
2-01		<20	0.07	<10	<10	65	<10	99
2-02		<20	0.07	<10	<10	55	<10	64
2-03		<20	0.06	<10	<10	60	<10	66
2-04		<20	0.06	<10	<10	55	<10	83
2-05		<20	0.06	<10	<10	86	<10	108
2-06		<20	0.07	<10	<10	80	<10	78
2-07		<20	0.08	<10	<10	91	<10	69
2-08		<20	0.06	<10	<10	52	<10	65
2-09		<20	0.07	<10	<10	69	<10	42
2-10		<20	0.03	<10	<10	78	<10	72
2-11		<20	0.05	<10	<10	59	<10	41
2-12		<20	0.05	<10	<10	45	<10	43
2-13		<20	0.06	<10	<10	67	<10	62
2-14		<20	0.09	<10	<10	70	<10	65
2-15		<20	0.09	<10	<10	88	<10	60
2-16		<20	0.06	<10	<10	41	<10	26
2-17		<20	0.10	<10	<10	72	<10	26
2-18		<20	0.07	<10	<10	75	<10	57
2-19		<20	0.07	<10	<10	68	<10	41
2-20		<20	0.03	<10	<10	33	<10	21
2-21		<20	0.06	<10	<10	55	<10	70
CH3-01		<20	0.09	<10	<10	62	<10	76
CH3-02		<20	0.10	<10	<10	69	<10	78
CH3-03		<20	0.09	<10	<10	63	<10	78
CH3-04		<20	0.06	<10	<10	54	<10	98
CH3-05		<20	0.08	<10	<10	50	<10	69
CH3-06		<20	0.07	<10	<10	57	<10	75
CH3-07		<20	0.08	<10	<10	56	<10	59
CH3-08		<20	0.05	<10	<10	60	<10	45
CH3-09		<20	0.09	<10	<10	83	<10	70
CH3-10		<20	0.09	<10	<10	82	<10	51
CH3-11		<20	0.09	<10	<10	86	<10	60
CH3-12		<20	0.05	<10	<10	36	<10	54
CH3-13		<20	0.08	<10	<10	74	<10	60
CH3-14		<20	0.07	<10	<10	83	<10	72



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CH3-15		0.50	0.008	<0.2	1.67	6	<10	250	0.6	<2	0.21	<0.5	8	32	15	2.58
CH3-16		0.40	<0.005	<0.2	1.65	6	<10	230	2.4	3	0.13	<0.5	7	28	13	2.72
CH3-17		0.46	<0.005	<0.2	2.73	9	<10	200	0.8	2	0.13	<0.5	8	39	17	3.26
CH3-18		0.48	0.008	<0.2	0.96	6	<10	130	0.9	<2	0.17	<0.5	3	17	5	1.49
CH3-19		0.50	<0.005	<0.2	2.48	10	<10	260	0.7	<2	0.13	<0.5	9	40	16	3.14
CH3-20		0.60	<0.005	<0.2	2.36	13	<10	320	0.9	<2	0.23	<0.5	9	41	17	3.32
CH3-21		0.56	<0.005	<0.2	2.41	10	<10	200	0.9	<2	0.15	<0.5	8	39	17	3.00
CH3-22		0.54	<0.005	<0.2	2.66	9	<10	230	0.9	2	0.15	<0.5	9	41	21	3.27
CH3-23		0.56	<0.005	<0.2	2.25	7	<10	140	1.0	<2	0.12	<0.5	6	30	11	2.80
CH3-24		0.46	<0.005	0.2	2.56	12	<10	340	0.7	2	0.19	<0.5	14	38	18	3.59
CH3-25		0.48	<0.005	<0.2	2.30	8	<10	250	0.6	<2	0.13	<0.5	9	38	22	3.08
CH3-26		0.56	0.038	<0.2	2.25	8	<10	280	0.5	<2	0.17	<0.5	9	36	20	3.05
CH3-27		0.50	0.007	<0.2	1.71	7	<10	300	0.6	<2	0.12	0.5	11	26	14	2.88
CH3-27B		0.44	<0.005	<0.2	2.53	10	<10	270	1.3	<2	0.13	<0.5	9	39	20	3.22
CH3-27C		0.44	<0.005	0.2	2.01	10	<10	270	<0.5	<2	0.12	<0.5	8	30	12	3.05
CH3-28		0.40	<0.005	0.4	1.88	8	<10	380	<0.5	<2	0.17	0.7	8	28	14	3.03
CH3-28B		0.36	<0.005	0.2	1.83	8	<10	220	<0.5	<2	0.13	0.7	9	29	14	2.97
CH3-29		0.36	0.005	0.2	1.58	9	<10	280	0.5	<2	0.11	<0.5	9	25	19	2.78
CH3-30		0.42	<0.005	<0.2	1.79	11	<10	250	0.5	<2	0.19	<0.5	7	30	12	3.31
CH3-31		0.42	<0.005	<0.2	2.05	9	<10	280	0.5	2	0.10	0.5	8	31	17	3.51
CH3-32		0.40	<0.005	<0.2	1.70	7	<10	240	<0.5	<2	0.11	<0.5	6	26	14	3.24
CH3-33		0.56	<0.005	<0.2	2.38	8	<10	290	0.5	<2	0.15	<0.5	11	34	18	3.32
CH3-34		0.44	<0.005	<0.2	1.40	7	<10	120	<0.5	<2	0.11	<0.5	4	24	12	2.63
CH3-35		0.52	0.022	<0.2	1.62	10	<10	370	0.5	2	0.24	<0.5	8	36	20	2.74
CH3-36		0.64	<0.005	<0.2	2.15	10	<10	150	0.7	<2	0.15	<0.5	10	30	12	2.99
CH3-37		0.32	0.007	<0.2	1.57	7	<10	260	0.5	2	0.26	<0.5	8	30	20	2.40
CH3-38		0.48	<0.005	<0.2	1.25	7	<10	100	<0.5	<2	0.12	<0.5	3	22	8	1.90
CH3-39		0.58	0.040	<0.2	2.08	6	<10	160	<0.5	<2	0.13	<0.5	8	31	11	2.68
CH3-40		0.58	<0.005	0.6	1.81	5	<10	250	0.5	2	0.21	<0.5	9	30	16	2.58
CH3-41		0.48	<0.005	<0.2	1.44	9	<10	240	<0.5	<2	0.20	<0.5	8	25	10	2.52
CH3-42		0.56	0.058	<0.2	1.36	3	<10	110	1.1	<2	0.17	<0.5	5	23	10	1.98
CH3-43		0.50	<0.005	<0.2	2.71	10	<10	170	0.6	<2	0.16	0.5	11	35	16	3.20
CH3-44		0.52	<0.005	<0.2	2.33	12	<10	190	0.5	2	0.14	<0.5	8	29	13	3.16
CH3-45		0.66	0.023	0.2	2.66	15	<10	630	1.2	<2	0.61	<0.5	12	50	31	3.71
CH3-46		0.42	0.014	<0.2	2.54	13	<10	390	0.7	<2	0.29	<0.5	11	40	19	3.11
CH3-47		0.42	0.017	0.2	2.17	6	<10	310	0.5	<2	0.24	<0.5	10	35	14	2.60
CH3-48		0.54	0.049	<0.2	1.63	5	<10	250	<0.5	<2	0.28	<0.5	8	31	13	2.29
CH3-49		0.46	0.005	0.2	1.92	5	<10	250	<0.5	<2	0.23	<0.5	8	32	15	2.47
CH3-50		0.60	<0.005	<0.2	2.06	9	<10	130	<0.5	2	0.12	<0.5	8	30	11	3.10
CH3-51		0.36	0.007	0.2	0.95	4	<10	130	<0.5	<2	0.16	0.5	5	20	12	1.81



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
CH3-15		10	<1	0.03	10	0.50	402	<1	0.01	18	310	13	0.01	3	4	23
CH3-16		10	<1	0.05	20	0.28	635	1	0.01	14	340	38	0.02	<2	3	18
CH3-17		10	<1	0.05	10	0.46	457	<1	0.01	20	200	22	0.01	2	4	17
CH3-18		<10	<1	0.05	10	0.23	191	<1	<0.01	8	260	57	0.01	<2	2	20
CH3-19		10	1	0.04	10	0.54	353	<1	0.01	20	190	12	0.01	<2	4	15
CH3-20		10	<1	0.06	20	0.54	442	1	0.01	24	340	19	0.02	2	4	29
CH3-21		10	1	0.05	10	0.53	331	<1	0.01	21	180	23	0.01	<2	4	19
CH3-22		10	<1	0.06	10	0.53	484	1	0.01	25	240	23	0.02	2	4	18
CH3-23		10	<1	0.06	10	0.41	310	<1	0.01	16	230	26	0.02	2	3	14
CH3-24		10	<1	0.05	10	0.55	768	<1	0.01	21	460	49	0.02	<2	4	21
CH3-25		10	<1	0.04	10	0.54	389	<1	0.01	22	200	23	0.02	3	5	15
CH3-26		<10	<1	0.04	10	0.52	343	<1	0.01	23	210	23	0.02	3	4	18
CH3-27		10	<1	0.04	10	0.31	1335	1	0.01	12	540	33	0.02	<2	3	14
CH3-27B		10	<1	0.04	10	0.48	330	1	0.01	24	280	34	0.02	<2	4	15
CH3-27C		10	<1	0.04	10	0.41	414	1	0.01	17	320	21	0.02	<2	3	13
CH3-28		10	<1	0.05	10	0.32	482	1	0.01	15	540	19	0.02	<2	3	18
CH3-28B		10	<1	0.05	10	0.38	653	1	0.01	17	680	21	0.02	<2	3	14
CH3-29		10	<1	0.05	10	0.34	532	2	0.01	14	410	16	0.02	<2	3	14
CH3-30		10	<1	0.05	10	0.37	362	1	0.01	16	450	13	0.02	<2	3	21
CH3-31		10	<1	0.05	10	0.35	354	2	0.01	16	450	16	0.02	<2	3	13
CH3-32		10	<1	0.04	10	0.21	363	2	0.01	11	370	14	0.02	<2	2	14
CH3-33		10	<1	0.04	10	0.46	430	2	0.01	24	280	14	0.02	<2	4	16
CH3-34		10	<1	0.03	10	0.24	175	2	0.01	11	330	10	0.02	<2	2	14
CH3-35		<10	<1	0.04	10	0.48	535	1	0.01	23	410	13	0.02	<2	4	21
CH3-36		10	<1	0.07	10	0.41	368	1	0.01	16	380	22	0.01	<2	3	15
CH3-37		<10	<1	0.04	10	0.45	305	1	0.01	19	380	11	0.01	2	4	24
CH3-38		10	<1	0.03	10	0.20	135	1	0.01	9	210	13	0.02	<2	2	12
CH3-39		10	<1	0.04	10	0.37	243	1	0.01	17	310	15	0.02	<2	3	13
CH3-40		10	<1	0.04	10	0.48	397	1	0.01	19	400	26	0.01	<2	4	21
CH3-41		10	<1	0.05	10	0.35	526	2	0.01	12	410	17	0.02	<2	2	21
CH3-42		10	<1	0.06	40	0.34	372	1	0.01	12	310	42	0.01	<2	2	18
CH3-43		10	<1	0.04	10	0.43	419	1	0.01	22	390	22	0.02	2	4	20
CH3-44		10	1	0.04	10	0.39	373	2	0.01	19	430	24	0.02	2	3	15
CH3-45		10	<1	0.08	40	0.59	823	2	0.02	30	920	104	0.04	<2	9	97
CH3-46		10	<1	0.06	20	0.46	567	1	0.02	23	790	52	0.05	<2	5	43
CH3-47		10	<1	0.04	10	0.45	500	1	0.01	19	630	41	0.03	<2	4	30
CH3-48		10	<1	0.04	10	0.43	332	1	0.01	17	590	24	0.02	<2	4	29
CH3-49		10	<1	0.04	10	0.44	333	1	0.01	17	630	19	0.03	<2	3	26
CH3-50		10	<1	0.04	10	0.38	390	1	0.01	17	350	24	0.02	2	3	13
CH3-51		10	<1	0.06	10	0.18	651	1	0.01	10	410	12	0.02	<2	1	22



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#1 LOCUST PLACE  
WHITEHORSE YT Y1A 5C4

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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Th	Ti	Ti	U	V	W	
Units		ppm	%	ppm	ppm	ppm	ppm	
LOR		20	0.01	10	10	1	10	
							Zn	
							ppm	
							2	
CH3-15		<20	0.08	<10	<10	61	<10	57
CH3-16		<20	0.07	<10	<10	74	<10	71
CH3-17		<20	0.08	<10	<10	75	<10	76
CH3-18		<20	0.04	<10	<10	35	<10	72
CH3-19		<20	0.09	<10	<10	71	<10	61
CH3-20		<20	0.08	<10	<10	78	<10	66
CH3-21		<20	0.07	<10	<10	68	<10	69
CH3-22		<20	0.07	<10	<10	70	<10	72
CH3-23		<20	0.05	<10	<10	63	<10	87
CH3-24		<20	0.10	<10	<10	81	<10	69
CH3-25		<20	0.09	<10	<10	69	<10	69
CH3-26		<20	0.09	<10	<10	69	<10	66
CH3-27		<20	0.08	<10	<10	67	<10	87
CH3-27B		<20	0.08	<10	<10	71	<10	91
CH3-27C		<20	0.08	<10	<10	73	<10	73
CH3-28		<20	0.07	<10	<10	74	<10	98
CH3-28B		<20	0.07	<10	<10	68	<10	75
CH3-29		<20	0.07	<10	<10	65	<10	48
CH3-30		<20	0.08	<10	<10	78	<10	63
CH3-31		<20	0.09	<10	<10	82	<10	58
CH3-32		<20	0.09	<10	<10	96	<10	51
CH3-33		<20	0.09	<10	<10	76	<10	67
CH3-34		<20	0.08	<10	<10	80	<10	35
CH3-35		<20	0.08	<10	<10	61	<10	67
CH3-36		<20	0.05	<10	<10	62	<10	58
CH3-37		<20	0.07	<10	<10	55	<10	48
CH3-38		<20	0.08	<10	<10	75	<10	28
CH3-39		<20	0.07	<10	<10	64	<10	46
CH3-40		<20	0.06	<10	<10	56	<10	56
CH3-41		<20	0.05	<10	<10	66	<10	53
CH3-42		<20	0.06	<10	<10	42	<10	64
CH3-43		<20	0.08	<10	<10	66	<10	64
CH3-44		<20	0.08	<10	<10	68	<10	66
CH3-45		<20	0.07	<10	<10	78	<10	111
CH3-46		<20	0.06	<10	<10	68	<10	78
CH3-47		<20	0.06	<10	<10	60	<10	66
CH3-48		<20	0.06	<10	<10	52	<10	59
CH3-49		<20	0.06	<10	<10	58	<10	60
CH3-50		<20	0.09	<10	<10	71	<10	67
CH3-51		<20	0.06	<10	<10	49	<10	41



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
CH3-52		0.50	<0.005	<0.2	2.11	11	<10	400	0.6	<2	0.28	<0.5	10	35	25	3.25
4-01		0.34	0.016	<0.2	1.43	4	<10	350	<0.5	<2	0.19	<0.5	6	26	15	2.25
4-02		0.28	0.007	0.3	1.89	8	<10	380	<0.5	<2	0.24	<0.5	6	30	19	2.57
4-03		0.46	<0.005	<0.2	1.53	5	<10	250	<0.5	<2	0.24	<0.5	6	28	15	2.24
4-04		0.28	<0.005	<0.2	1.31	6	<10	290	<0.5	<2	0.24	<0.5	6	24	10	1.95
4-05		0.42	<0.005	0.2	2.07	10	<10	360	<0.5	<2	0.22	<0.5	8	33	16	3.09
4-06		0.28	<0.005	0.2	1.99	9	<10	400	<0.5	<2	0.25	<0.5	7	33	16	2.86
4-07		0.22	<0.005	0.2	1.65	3	<10	390	<0.5	<2	0.26	<0.5	7	24	23	2.29
4-08		0.30	<0.005	0.2	2.10	9	<10	390	<0.5	<2	0.25	<0.5	8	32	19	3.16
4-09		0.22	<0.005	0.5	1.48	5	<10	520	0.5	<2	0.34	0.8	9	24	28	2.04
4-10		0.28	<0.005	0.3	1.60	6	<10	410	<0.5	<2	0.30	<0.5	6	26	21	2.20
4-11		0.32	<0.005	<0.2	2.16	11	<10	260	<0.5	<2	0.29	<0.5	8	32	14	2.98
4-12		0.40	<0.005	<0.2	1.07	9	<10	170	<0.5	<2	0.19	<0.5	4	18	8	2.36
4-13		0.34	<0.005	<0.2	1.03	8	<10	150	<0.5	<2	0.17	<0.5	4	19	9	2.41
4-14		0.20	<0.005	<0.2	2.19	8	<10	360	0.5	<2	0.25	<0.5	8	32	14	2.88
4-15		0.28	<0.005	<0.2	1.59	5	<10	250	<0.5	<2	0.13	<0.5	9	22	10	2.52
4-16		Not Recvd														
4-17		0.30	<0.005	<0.2	1.78	6	<10	430	<0.5	<2	0.18	<0.5	7	26	10	2.41
4-18		0.28	<0.005	<0.2	1.48	4	<10	670	<0.5	<2	0.47	0.5	8	26	11	2.24
4-19		0.24	<0.005	0.3	2.20	9	<10	980	0.8	<2	0.47	0.7	12	31	22	3.11
4-20		0.24	<0.005	0.4	1.99	6	<10	560	0.7	<2	0.31	<0.5	12	29	28	2.60
4-21		0.30	<0.005	0.3	1.87	5	<10	520	0.5	<2	0.31	<0.5	7	25	21	2.65
4-22		0.32	<0.005	0.2	2.18	9	<10	590	0.6	<2	0.35	<0.5	12	34	24	2.90
4-23		0.30	<0.005	0.3	2.65	13	<10	670	0.8	<2	0.35	<0.5	12	41	35	3.45
4-24		0.44	<0.005	<0.2	1.99	11	<10	460	0.5	<2	0.23	<0.5	8	32	19	2.89
4-25		0.32	<0.005	0.2	2.09	5	<10	500	0.5	<2	0.42	0.6	10	31	23	2.67
4-26		0.64	<0.005	<0.2	1.75	8	<10	230	<0.5	<2	0.23	<0.5	7	32	18	2.61
4-27		0.54	<0.005	0.2	2.14	12	<10	280	<0.5	<2	0.22	<0.5	7	35	15	3.33
4-28		0.40	<0.005	0.3	2.01	9	<10	270	0.5	<2	0.16	<0.5	19	29	18	3.14
4-29		0.36	<0.005	<0.2	1.43	3	<10	220	0.7	<2	0.23	<0.5	6	17	18	1.88
4-30		0.48	<0.005	<0.2	2.34	9	<10	240	<0.5	<2	0.22	<0.5	8	36	17	3.31
4-31		0.36	<0.005	0.2	1.27	9	<10	160	<0.5	<2	0.16	<0.5	4	21	11	2.42
4-32		0.46	<0.005	0.3	2.75	12	<10	260	0.5	<2	0.27	<0.5	9	41	16	3.98
4-33		0.42	<0.005	0.2	2.12	10	<10	230	<0.5	<2	0.19	<0.5	6	32	17	2.87
4-34		0.44	<0.005	<0.2	1.66	6	<10	170	<0.5	<2	0.17	<0.5	6	29	16	2.32
4-35		0.44	<0.005	<0.2	1.64	13	<10	140	<0.5	<2	0.08	<0.5	6	28	11	3.28
4-36		0.56	<0.005	<0.2	1.72	8	<10	230	<0.5	<2	0.18	<0.5	7	31	19	2.50
4-37		0.42	0.014	0.2	1.78	8	<10	200	<0.5	<2	0.15	<0.5	6	29	16	2.76
4-38		0.50	0.006	<0.2	1.81	10	<10	190	<0.5	<2	0.13	<0.5	6	30	15	2.85
4-39		0.42	0.008	<0.2	2.49	12	<10	150	<0.5	<2	0.14	<0.5	9	38	21	3.32



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
Units	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	
CH3-52	10	<1	0.05	10	0.49	531	1	0.01	22	650	17	0.04	<2	4	42	
4-01	10	<1	0.04	10	0.34	214	1	0.01	16	260	10	0.02	<2	2	24	
4-02	10	<1	0.05	10	0.39	238	1	0.01	18	560	13	0.02	<2	3	28	
4-03	<10	<1	0.03	10	0.44	195	1	0.01	17	430	8	0.01	<2	3	25	
4-04	<10	<1	0.04	10	0.37	177	1	0.01	15	390	7	0.01	<2	3	30	
4-05	10	<1	0.04	10	0.50	301	1	0.01	20	530	11	0.02	<2	4	29	
4-06	10	<1	0.05	10	0.46	260	1	0.01	18	470	12	0.02	<2	3	36	
4-07	10	<1	0.06	10	0.30	256	1	0.02	14	840	13	0.02	<2	3	39	
4-08	10	<1	0.06	10	0.42	311	2	0.01	19	630	11	0.02	<2	4	39	
4-09	<10	1	0.06	10	0.26	741	<1	0.02	19	950	16	0.03	<2	3	53	
4-10	10	<1	0.05	10	0.35	270	<1	0.02	16	430	12	0.02	<2	3	40	
4-11	10	<1	0.05	10	0.48	522	1	0.01	18	720	12	0.01	<2	3	34	
4-12	10	<1	0.06	10	0.23	211	1	0.01	8	940	8	0.02	<2	2	23	
4-13	10	<1	0.06	10	0.23	287	1	0.01	9	750	9	0.01	<2	2	20	
4-14	10	1	0.06	10	0.40	464	<1	0.02	16	510	12	0.02	2	3	36	
4-15	10	<1	0.03	10	0.25	1055	<1	0.02	12	310	12	0.01	<2	2	16	
4-16																
4-17	10	<1	0.03	10	0.34	358	<1	0.01	15	250	16	0.01	<2	2	29	
4-18	<10	<1	0.09	10	0.40	714	<1	0.01	14	350	12	0.02	2	2	70	
4-19	10	<1	0.09	10	0.37	975	<1	0.02	21	720	12	0.02	<2	4	74	
4-20	10	<1	0.07	10	0.37	584	1	0.02	19	790	13	0.02	<2	4	46	
4-21	10	<1	0.07	10	0.31	269	1	0.02	15	600	13	0.03	<2	3	52	
4-22	10	<1	0.06	10	0.46	488	1	0.02	19	350	13	0.02	<2	4	61	
4-23	10	<1	0.05	10	0.52	599	1	0.02	27	530	23	0.03	2	5	56	
4-24	10	<1	0.06	10	0.42	608	1	0.02	18	510	14	0.02	<2	3	37	
4-25	10	<1	0.04	10	0.46	688	1	0.02	20	500	12	0.02	<2	4	76	
4-26	10	<1	0.03	10	0.52	223	<1	0.01	17	350	8	0.01	<2	4	22	
4-27	10	<1	0.04	10	0.50	310	1	0.01	17	640	9	0.02	<2	3	25	
4-28	10	<1	0.05	10	0.33	1090	1	0.01	14	670	15	0.02	<2	3	19	
4-29	<10	<1	0.03	10	0.16	467	1	0.02	8	550	7	0.03	<2	2	33	
4-30	10	<1	0.04	10	0.54	380	1	0.01	19	340	11	0.02	<2	4	26	
4-31	10	<1	0.03	10	0.22	169	1	0.01	9	320	9	0.02	<2	2	23	
4-32	10	<1	0.04	10	0.61	309	1	0.01	22	330	10	0.02	<2	4	39	
4-33	10	<1	0.03	10	0.36	210	1	0.01	16	290	10	0.01	<2	3	24	
4-34	<10	<1	0.03	10	0.40	208	<1	0.01	14	200	9	0.01	<2	3	18	
4-35	10	1	0.03	10	0.29	381	1	0.01	12	480	12	0.01	<2	3	10	
4-36	<10	<1	0.03	10	0.42	235	<1	0.01	17	200	12	0.01	<2	4	20	
4-37	10	<1	0.03	10	0.38	197	<1	0.01	15	290	17	0.02	<2	2	22	
4-38	10	<1	0.03	10	0.39	241	1	0.01	14	330	12	0.01	<2	3	16	
4-39	10	<1	0.04	10	0.53	276	1	0.01	23	320	12	0.02	<2	3	13	



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Th	Ti	Ti	U	V	W	Zn
Units		ppm	%	ppm	ppm	ppm	ppm	ppm
LOR		20	0.01	10	10	1	10	2
CH3-52		<20	0.06	<10	<10	72	<10	78
4-01		<20	0.06	<10	<10	54	<10	41
4-02		<20	0.06	<10	<10	60	<10	47
4-03		<20	0.07	<10	<10	50	<10	41
4-04		<20	0.07	<10	<10	47	<10	40
4-05		<20	0.08	<10	<10	73	<10	56
4-06		<20	0.07	<10	<10	70	<10	54
4-07		<20	0.07	<10	<10	51	<10	43
4-08		<20	0.09	<10	<10	82	<10	54
4-09		<20	0.05	<10	<10	43	<10	44
4-10		<20	0.07	<10	<10	55	<10	50
4-11		<20	0.07	<10	<10	69	<10	74
4-12		<20	0.09	<10	<10	75	<10	35
4-13		<20	0.08	<10	<10	68	<10	38
4-14		<20	0.07	<10	<10	72	<10	63
4-15		<20	0.07	<10	<10	64	<10	63
4-16								
4-17		<20	0.05	<10	<10	62	<10	58
4-18		<20	0.05	<10	<10	58	<10	50
4-19		<20	0.07	<10	<10	73	<10	76
4-20		<20	0.06	<10	<10	62	<10	56
4-21		<20	0.06	<10	<10	72	<10	46
4-22		<20	0.07	<10	<10	72	<10	54
4-23		<20	0.07	<10	<10	84	<10	65
4-24		<20	0.07	<10	<10	71	<10	63
4-25		<20	0.06	<10	<10	69	<10	53
4-26		<20	0.08	<10	<10	61	<10	49
4-27		<20	0.09	<10	<10	89	<10	64
4-28		<20	0.09	<10	<10	85	<10	53
4-29		<20	0.06	<10	<10	43	<10	29
4-30		<20	0.09	<10	<10	86	<10	59
4-31		<20	0.10	<10	<10	79	<10	37
4-32		<20	0.06	<10	<10	92	<10	59
4-33		<20	0.08	<10	<10	75	<10	44
4-34		<20	0.08	<10	<10	57	<10	43
4-35		<20	0.12	<10	<10	99	<10	44
4-36		<20	0.08	<10	<10	60	<10	48
4-37		<20	0.07	<10	<10	69	<10	46
4-38		<20	0.08	<10	<10	74	<10	45
4-39		<20	0.08	<10	<10	76	<10	57



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
		0.02	0.005	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01
4-40		0.64	0.007	<0.2	2.15	7	<10	200	0.5	<2	0.19	<0.5	9	37	21	2.85
4-41		0.52	0.008	0.2	2.58	11	<10	240	0.5	<2	0.18	<0.5	10	41	20	3.63
4-42		0.56	0.005	<0.2	2.71	8	<10	230	0.5	<2	0.17	<0.5	10	40	19	3.26
4-43		0.42	<0.005	<0.2	2.64	13	<10	200	<0.5	<2	0.12	<0.5	11	40	16	3.63
4-44		0.48	0.006	0.3	2.14	8	<10	190	<0.5	<2	0.17	<0.5	8	37	19	2.88
4-45		0.40	<0.005	0.2	1.72	11	<10	150	<0.5	<2	0.13	<0.5	6	28	11	2.73
4-46		0.54	0.006	<0.2	2.67	12	<10	230	0.6	<2	0.11	<0.5	9	39	21	3.47
4-47		0.46	0.010	<0.2	2.27	10	<10	210	0.6	<2	0.15	<0.5	15	37	18	3.54
4-48		0.46	0.010	<0.2	2.96	13	<10	260	<0.5	<2	0.19	<0.5	10	43	21	4.05
4-49		0.30	0.010	0.4	2.43	14	<10	180	0.6	<2	0.12	<0.5	7	34	16	3.72
4-50		0.42	0.025	0.2	2.12	12	<10	150	<0.5	<2	0.14	<0.5	7	34	17	2.92
4-51		0.52	0.015	<0.2	2.03	9	<10	230	0.6	<2	0.23	<0.5	9	48	26	3.03
5-01		0.34	0.007	<0.2	1.57	14	<10	360	0.5	<2	0.76	<0.5	11	33	32	3.03
5-02		0.48	0.006	<0.2	1.17	11	<10	230	<0.5	<2	0.51	<0.5	10	26	15	2.54
5-03		0.54	0.008	<0.2	1.52	7	<10	710	1.2	2	0.62	<0.5	9	20	16	3.09
5-04		0.38	0.029	<0.2	1.05	4	<10	530	0.7	<2	1.53	<0.5	6	17	15	2.04
5-05		0.48	0.010	0.2	0.91	4	10	870	1.0	<2	2.61	<0.5	6	14	21	1.78
5-06		0.56	0.018	0.3	1.34	7	<10	730	1.5	<2	1.10	<0.5	9	21	28	3.10
5-07		0.70	0.005	<0.2	1.63	9	<10	630	1.0	<2	0.66	<0.5	12	34	29	3.39
5-08		0.64	<0.005	<0.2	1.60	6	<10	640	1.4	<2	0.66	<0.5	13	30	25	3.97
5-09		0.56	0.007	<0.2	1.74	5	<10	580	1.6	<2	0.86	<0.5	18	58	36	4.70
5-10		0.50	<0.005	<0.2	1.20	10	<10	530	1.2	<2	0.43	<0.5	10	18	18	3.42
5-11		0.54	<0.005	<0.2	1.30	3	<10	490	0.6	<2	0.40	<0.5	6	21	7	2.34
5-12		0.44	<0.005	<0.2	1.74	7	<10	380	0.7	<2	0.52	<0.5	7	30	9	2.74
5-13		0.46	0.005	<0.2	1.88	6	<10	530	0.8	<2	0.83	<0.5	9	32	21	3.10
5-14		0.38	<0.005	<0.2	1.76	6	<10	570	0.7	<2	0.93	<0.5	8	29	13	2.89
5-15		0.50	0.005	<0.2	1.03	3	<10	450	0.8	<2	0.31	<0.5	6	15	6	1.93
5-16		0.44	<0.005	<0.2	0.99	4	<10	610	0.8	<2	0.19	<0.5	4	16	8	1.97
5-17		0.60	0.005	<0.2	0.64	4	<10	80	<0.5	<2	0.06	<0.5	2	9	4	1.34
5-18		0.44	0.006	<0.2	1.27	3	<10	250	0.5	<2	0.09	<0.5	4	15	10	2.71
5-19		0.48	0.006	<0.2	2.10	10	<10	650	0.9	<2	0.73	<0.5	11	40	31	3.55
5-20		0.56	0.006	<0.2	1.87	7	<10	1150	1.0	<2	0.37	<0.5	8	35	31	3.23
5-21		0.46	0.005	<0.2	1.41	6	<10	690	0.6	<2	0.21	<0.5	5	21	12	2.12



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
4-40		10	<1	0.03	10	0.55	298	<1	0.01	20	150	9	0.01	<2	5	20
4-41		10	<1	0.03	10	0.52	329	1	0.01	20	280	12	0.01	<2	4	19
4-42		10	<1	0.03	10	0.56	307	1	0.01	22	150	10	0.01	<2	4	18
4-43		10	1	0.04	10	0.50	351	1	0.01	24	580	12	0.01	<2	3	15
4-44		10	<1	0.03	10	0.49	258	1	0.01	18	180	9	0.01	2	4	18
4-45		10	<1	0.03	10	0.37	240	1	0.01	11	340	9	0.01	<2	3	14
4-46		10	1	0.03	10	0.48	351	1	<0.01	22	220	8	<0.01	<2	4	13
4-47		10	1	0.03	10	0.51	590	1	<0.01	19	320	9	<0.01	<2	4	17
4-48		10	1	0.04	10	0.55	263	1	<0.01	26	230	9	<0.01	<2	4	22
4-49		10	<1	0.03	10	0.38	234	1	<0.01	20	300	10	<0.01	<2	4	16
4-50		10	<1	0.04	10	0.46	242	1	<0.01	19	150	7	<0.01	<2	3	13
4-51		<10	<1	0.03	20	0.58	312	1	<0.01	22	130	7	<0.01	<2	6	26
5-01		<10	<1	0.08	20	0.70	535	1	<0.01	22	730	11	0.02	<2	5	81
5-02		<10	1	0.08	10	0.68	466	1	<0.01	16	790	9	<0.01	<2	4	79
5-03		<10	<1	0.13	10	0.40	479	1	<0.01	11	170	12	<0.01	2	8	146
5-04		<10	<1	0.08	10	0.30	359	<1	<0.01	11	340	11	0.03	<2	3	340
5-05		<10	<1	0.08	10	0.35	658	<1	<0.01	12	570	6	0.06	2	4	560
5-06		<10	1	0.14	20	0.54	579	1	<0.01	20	410	12	0.03	3	9	490
5-07		<10	<1	0.10	20	0.60	574	1	<0.01	28	220	9	<0.01	2	9	158
5-08		<10	<1	0.15	20	0.40	991	1	<0.01	29	280	11	<0.01	2	13	149
5-09		10	<1	0.23	20	0.91	783	1	<0.01	51	530	22	<0.01	3	17	283
5-10		<10	<1	0.11	20	0.27	587	1	<0.01	13	150	28	<0.01	2	9	100
5-11		<10	<1	0.10	10	0.25	336	1	<0.01	9	120	10	<0.01	<2	3	57
5-12		<10	1	0.09	10	0.35	359	1	<0.01	11	170	19	<0.01	<2	4	59
5-13		10	<1	0.05	10	0.59	447	1	0.01	20	240	10	<0.01	<2	6	96
5-14		10	1	0.18	10	0.41	456	1	<0.01	16	210	12	<0.01	<2	5	105
5-15		<10	1	0.10	10	0.18	555	1	<0.01	5	130	10	<0.01	<2	3	38
5-16		<10	<1	0.07	20	0.23	235	1	<0.01	7	150	12	<0.01	<2	3	29
5-17		10	<1	0.05	20	0.07	119	1	<0.01	2	210	4	<0.01	<2	1	12
5-18		10	1	0.06	10	0.16	163	1	<0.01	6	210	11	<0.01	<2	4	19
5-19		10	<1	0.05	20	0.56	519	1	0.01	26	130	11	<0.01	<2	9	95
5-20		10	<1	0.05	20	0.46	352	1	<0.01	21	200	10	<0.01	<2	8	164
5-21		10	<1	0.04	10	0.26	206	1	<0.01	10	140	8	<0.01	<2	3	107



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## CERTIFICATE OF ANALYSIS VA09107055

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
		20	0.01	10	10	1	10	2
4-40		<20	0.09	<10	<10	68	<10	54
4-41		<20	0.09	<10	<10	88	<10	59
4-42		<20	0.09	<10	<10	77	<10	56
4-43		<20	0.07	<10	<10	79	<10	62
4-44		<20	0.08	<10	<10	69	<10	50
4-45		<20	0.08	<10	<10	76	<10	42
4-46		<20	0.08	<10	<10	80	<10	58
4-47		<20	0.08	<10	<10	78	<10	53
4-48		<20	0.09	<10	<10	82	<10	59
4-49		<20	0.08	<10	<10	83	<10	53
4-50		<20	0.08	<10	<10	68	<10	51
4-51		<20	0.10	<10	<10	71	<10	54
5-01		<20	0.08	<10	<10	59	<10	79
5-02		<20	0.05	<10	<10	46	<10	70
5-03		<20	0.04	<10	<10	48	<10	54
5-04		<20	0.03	<10	<10	32	<10	38
5-05		<20	0.02	<10	<10	26	<10	36
5-06		<20	0.03	<10	<10	42	<10	59
5-07		<20	0.07	<10	<10	59	<10	57
5-08		<20	0.03	<10	<10	55	<10	56
5-09		<20	0.03	<10	<10	60	<10	84
5-10		<20	0.02	<10	<10	45	<10	80
5-11		<20	0.04	<10	<10	51	<10	35
5-12		<20	0.05	<10	<10	63	<10	43
5-13		<20	0.07	<10	<10	68	<10	56
5-14		<20	0.06	<10	<10	65	<10	68
5-15		<20	0.02	<10	<10	44	<10	47
5-16		<20	0.03	<10	<10	35	<10	35
5-17		<20	0.04	<10	<10	41	<10	21
5-18		<20	0.03	<10	<10	57	<10	40
5-19		<20	0.10	<10	<10	75	<10	63
5-20		<20	0.08	<10	<10	63	<10	51
5-21		<20	0.06	<10	<10	48	<10	29