

PHASE 1
SOIL GEOCHEMISTRY REPORT FOR
WEINERWURST MOUNTAIN, YUKON

WHITEHORSE MINING DISTRICT
N.T.S. 115K/15

LATITUDE: 62 54' N
LONGITUDE 141 45' W

PREPARED FOR:
IVAN ELASH
#6 – 156 HILLCREST DRIVE;
WHITEHORSE, YUKON
Y1A 4N4

BY:
IVAN ELASH
November 14, 2011

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INTRODUCTION

This report outlines basic exploration work directed at appraising the mineral potential of the Dog #1 to #8 claims area in western Yukon. The exploration work was carried out during the 2010- field season and is based on research completed by Ivan Elash, whose statement of qualifications is appended to this report (appendix D). Personnel involved in the project were Ivan Elash and 1 contract worker. The budget for the project was \$14,317.70 (see Appendix C for details).

PROJECT LOCATION

The project area is centered on Weinerwurst Mountain, south of the Moosehorn Range and east of the Alaska/Yukon border. It is located in the north – west corner of the Whitehorse Mining District and covers part of NTS and claim map sheet 115K/15, located approximately at 62° 44' North Latitude by 141° 45' West Longitude. Lying within the Whitehorse Mining District the area is recently staked Quartz mineral claims (surrounded by vacant Crown Land, see Appendix A for project location, regional geology and magnetic maps). Current quartz claim sheets and claim status report are attached.

AREA ACCESS

From Whitehorse, area access is best accomplished by road north on the Klondike Highway to Dawson City (approximately 540 km). Then fixed wing aircraft; from Dawson Airport to the Moosehorn airstrip (approximately 140 km to the southwest). Further access to the project area utilizes existing mining roads consisting of cat and quad trails that leave the Moosehorn airstrip to the south and provide direct access to the target of interest outlined below. An 80 km winter road accesses the Alaska Highway near Beaver Creek, Yukon. A helicopter based in Beaver Creek was used for this program.

EXPLORATION MODELS

The main target of exploration within the project area was focused on high – sulfide – epithermal gold vein deposits, consisting of quartz-carbonate gold and polymetallic veins in faults and shear zones. Copper/gold porphyry systems similar to Copper Ridge Exploration's Lucky Joe property have been ignored in this area despite evidence of extensive porphyritic intrusions.

REGIONAL GEOLOGY

Precious and base metal mineralization occurring within Proterozoic meta- sedimentary rocks of the Tanana Terrain and Cretaceous plutonic rocks as veins is well documented throughout the Moosehorn - Longline area, within and along the eastern margin of the Moosehorn granite batholith (see generalized Regional Geology, appendix A). Numerous vein-gold occurrences (10+), and one high- grade gold deposit (Longline), were discovered during two main periods of exploration in the early 1970's and the mid to late 1980's that dominantly contain quartz, arsenopyrite, galena, sphalerite, boulangerite, chalcopyrite as well as variable amounts of coarse gold (up to 2mm).

Mineralization appears to be structurally controlled by northwest-southeast jointing and fault structures. It is attributed to the migration of hydrothermal solutions along the jointing and is identified in the field by the presence of milky white quartz veins of variable thickness (up to .5 m).

PROPERTY GEOLOGY

Target Area #1 is completely blanketed by glacial till, sand, silt and humus. The depth of till cover is unknown at this time. No outcrop was found during the sampling program. However rock clasts examined in till pits were white quartz vein material or a mixture of tan colored quartz feldspar and mica gravel likely derived from granite diorite or quartz monzonite.

TARGET AREA # 1: Weinerwurst Mountain is rumored to host quartz/gold veins. Target Area #1 was staked in 2010. Prospecting, soil/till sampling was carried out. One hundred twenty three till samples and four rock samples were taken. Anomalous areas will be followed up at a later date.

PROJECT RATIONALE

An abundance of under-explored high grade gold, silver, lead-zinc and copper targets are known to exist within this region which is accessible directly from the Alaska Highway and with fixed wing aircraft, in an area that has not seen any significant exploration activity for nearly 30 years. During two previous periods of historic exploration in this region, work was highly concentrated on a few specific occurrences. Little or no follow-up work on targets identified peripheral to these occurrences on the extensive claims holding of a small number of companies

which blanketed the area was carried out and many of these claims were held afterwards by payments in lieu of work for extended periods of time. Several active placer gold operators are recovering gold from creeks on both sides of the Moosehorn Range.

DESCRIPTION AND TYPE OF WORK

A reconnaissance exploration program for various types of gold and copper mineralization was undertaken in the previously described #1 target area during the 2010 field season (Phase 1). A GPS controlled soil grid was established on the claim block. One hundred twenty three till samples and four rock samples were taken. The project relied heavily on ongoing research and a program of targeted geochemical till sampling and regional prospecting.

Targeted geochemical sampling of till was carried out in the priority area described above using techniques employed by the Yukon Geological Survey. Soil pits were dug with a pick, shovel and plastic trowel. The pick, shovel and trowel were cleaned after each sample was taken. Till samples were taken from hand dug pits at an average depth of 20 centimeters below the organic layer. Samples were placed in Ziploc plastic bags, marked with ID#s and bagged again to prevent cross contamination. Detailed prospecting and sampling of representative rock lithologies was carried out in conjunction with till sampling. Four rock samples were taken from random till pits as well as four soil samples from the bottom of these same pits for comparison ICP analysis. The rock samples were placed in plastic sample bags and marked with ID#s. The soil samples were placed in kraft paper sample bags and marked with sample #s then each soil bag was placed in a Ziploc plastic bag for shipment.

Upon completion of this initial phase, the four rock and four till samples were submitted to Eco Tech Lab in Kamloops, for standard ICP multi-element analysis (+Au). One hundred nineteen till samples were submitted to SGS Mineral Services in Toronto, for mobile metal ion multi-element leach analysis. Phase 2 exploration activities will include further detailed prospecting, close spaced ICP soil sampling and hand trenching or excavator trenching.

Phase 1 reconnaissance and sampling took 20 man days and \$14,317.70 was budgeted to complete this work. Phase 2 follow-up will be dependent on the market conditions.

ENVIRONMENT/RESOURCES

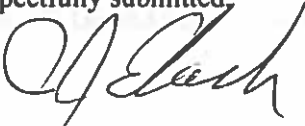
No special environmental/resource concerns are known for this area. The Department of Indian and Northern Affairs has implemented land use regulations in the Yukon Quartz Mining

Act. Under these regulations, approval of a land use permit will be required prior to commencing any exploration activity that exceeds the Class 1 threshold (Class 1 activities are exempt). The work completed did not exceed the Class 1 threshold and thus activities in this area adhered to the operating conditions set out in Schedule III of the Yukon Quartz Mining Land Use Regulations and followed reclamation techniques set out in D.I.A.N.D.'s Handbook to Reclamation Techniques in the Yukon for camp sites and control of erosion associated with trenching. Native land tenure and title rights were respected on any claimed land adjacent to the project area and any environmental concerns were addressed through strict adherence to the Operating Conditions of the Mining Land Use Regulations for Class I, II, III and IV Programs. In addition camp areas were properly maintained by following guidelines for no-trace camping and all garbage was properly handled and removed from the area upon completion of the project. Of up most importance was the maintenance of water quality standards in the area by ensuring that creek banks were not disturbed and/or eroded and that wash and human waste disposal areas will not contaminate any ground water sources.

CONCLUSIONS AND RECOMENDATIONS

Following a reconnaissance soil sampling program designed for till covered terrain, only a few samples returned coincident anomalies in silver, lead, zinc, copper and gold. All of these samples are located on the extreme southern edge of the property on Dog #3 and #4 claims. There are a few spot anomalies for gold on Dog #1, #2 and #6. However there are no coincident high values in silver, lead, zinc or copper at these locations. The spot gold anomalies in the central part of the claim block may reflect narrow veins at depth or nugget effect in the till from glacial movement. Because the highest coincident multi element anomalies are located at the south end of the sample grid it is recommended that follow up soil sampling be extended to the south of this area. Spot highs in the central part of the claim block should be re-sampled with ICP analysis from a deeper horizon to confirm or eliminate the anomalies.

Respectfully submitted;



Ivan Elash

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Whitehorse, Yukon Y1A 4N4

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YUKON GEOLOGICAL SURVEY WEBSITE – MAP GALLERY

APPENDIX A

PROJECT LOCATION MAP

REGIONAL GEOLOGY MAP

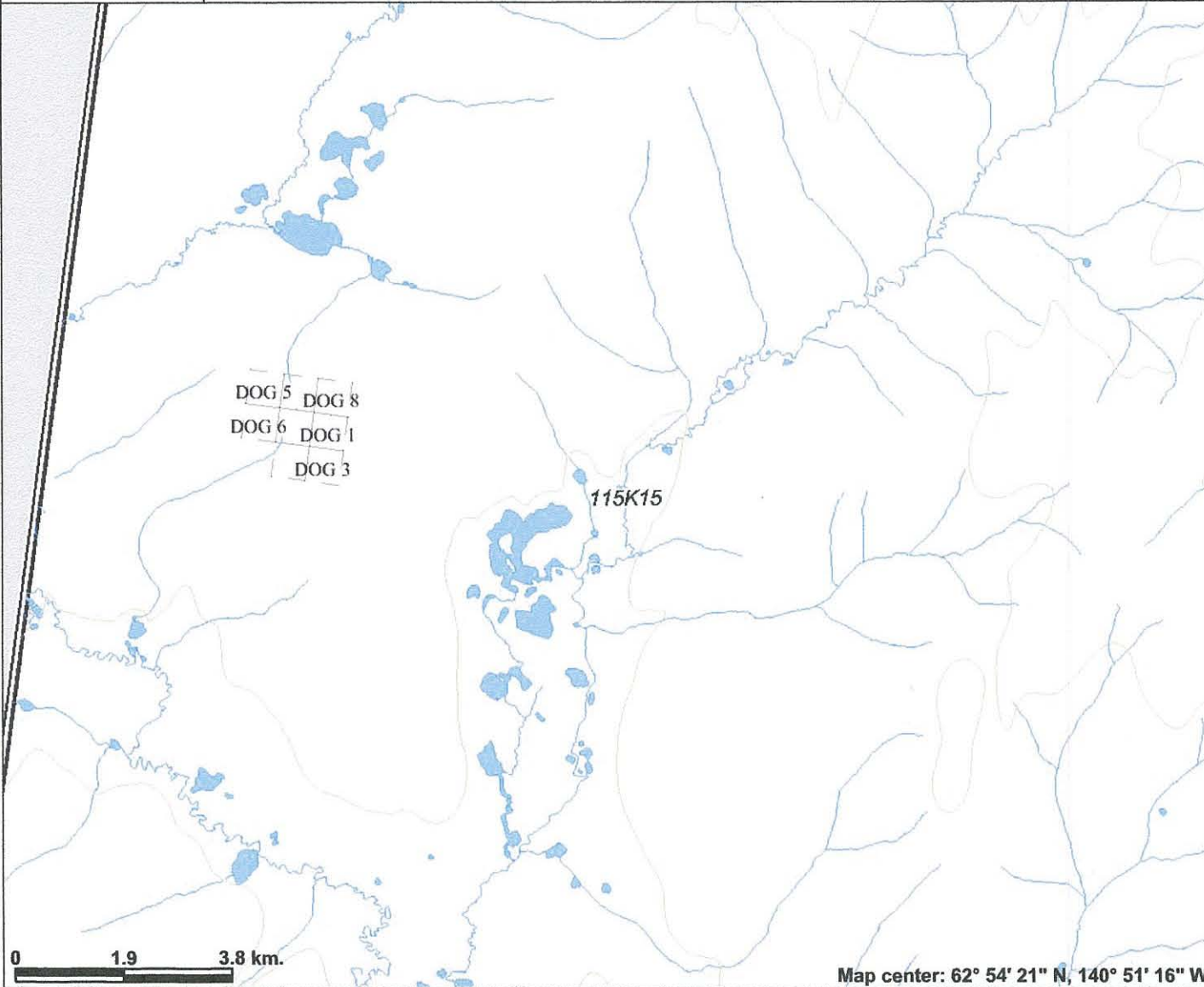
TOTAL FIELD MAGNETICS MAP

Dog #1 - #8 Claim Location Map



Legend

- Yukon Border - Surveyed
- National Road Network - All Roads
 - Expressway / Highway
 - Arterial
 - Collector
 - Ramp
 - Resource / Recreation
 - Local / Street
 - Local / Strata
 - Local / Unknown
 - Alley or Service Lane
 - Service Lane
 - Winter
- Places (All)**
 - City
 - Town
 - Municipality
 - Village
 - Community
 - Settlement
 - Native Settle
 - Hamlet
 - Historic Site
- CSW_QUARTZ_ADJOINING_PARCEL
- CSW_QUARTZ_CLAIM**
 - Active
 - Expired

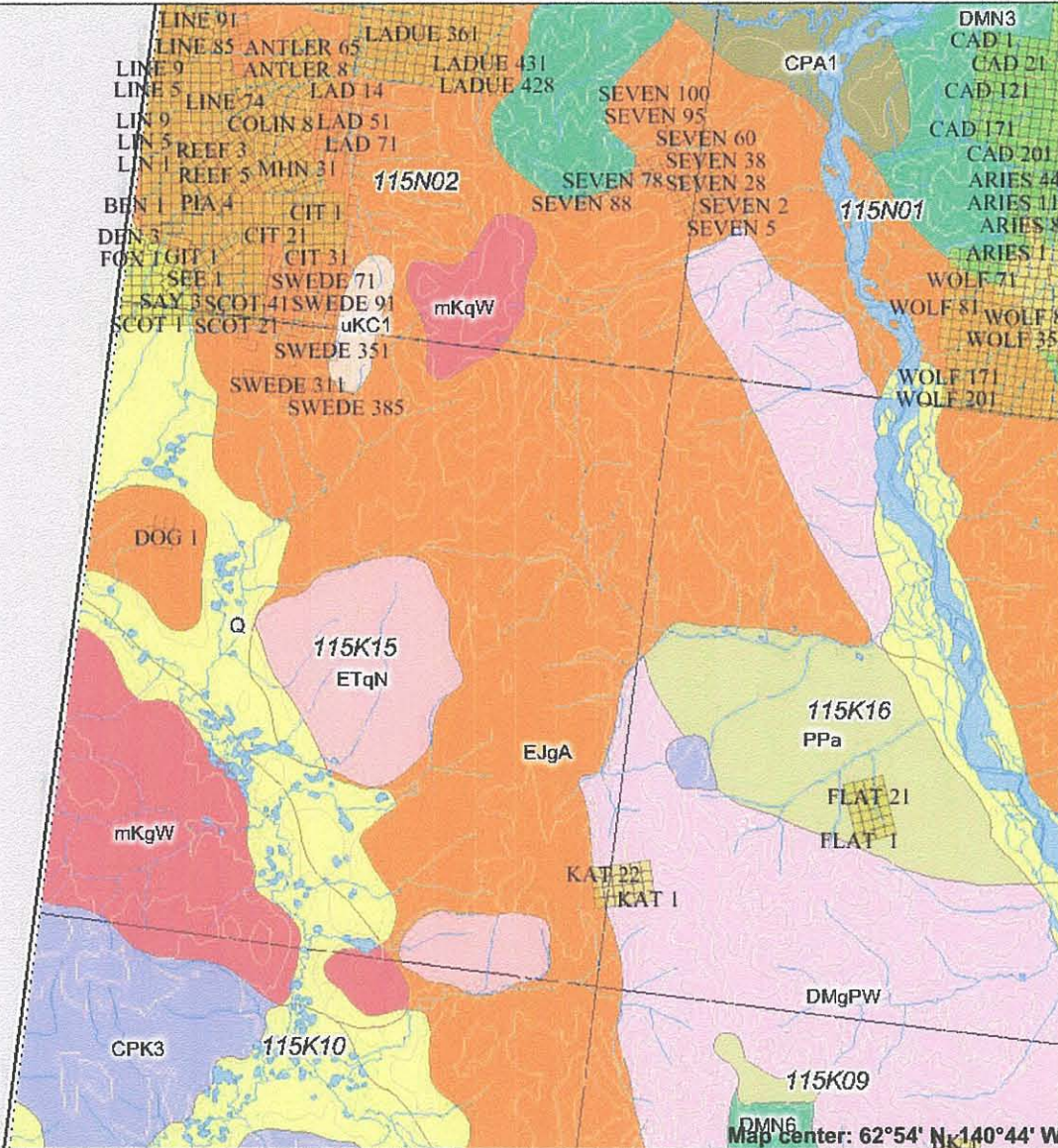
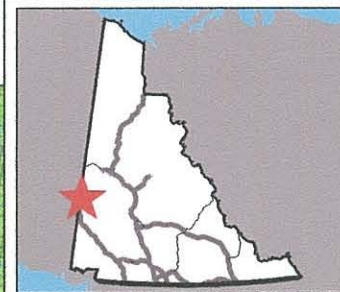


Map center: 62° 54' 21" N, 140° 51' 16" W

Scale: 1:106,253

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Dog Claims Regional Geology



Legend

- Yukon Border - Surveyed
- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter
- Watercourses (250k)
- Places (All)**
- City
- Town
- Municipality
- Village
- Community
- Settlement
- Native Settle
- Hamlet
- Historic Site
- CSW_QUARTZ_ADJOINING_PARCEL
- CSW_QUARTZ_CLAIM**
- Active
- Expired
- Bedrock Geology - Regional Unit (250K)**
- CDR1

Map Center: 62°54' N, 140°44' W

Scale: 1:425,011



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QUATERNARY

Q

Q: QUATERNARY

unconsolidated glacial, glaciofluvial and glaciolacustrine deposits; fluvial silt, sand, and gravel, and local volcanic ash, in part with cover of soil and organic deposits

EARLY TERTIARY

ETN

ETN: NISLING RANGE SUITE

medium to coarse grained equigranular to porphyritic rocks of intermediate composition (g), fine to coarse grained, equigranular and porphyritic granitic rocks of felsic composition (q) and felsic dyke rocks (f)

- f. orange and buff weathering light-coloured feldspar porphyry dyke and flow rocks of intermediate to acid composition
- g. biotite-hornblende granodiorite (locally K-feldspar megacrysts), quartz monzonite, quartz diorite; minor granodiorite-gneiss; hornblende and biotite hornblende diorite; biotite quartz feldspar porphyry and porphyritic biotite quartz monzonite (**Ruby Range Suite**)
- q. leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite (**Nisling Range Suite, Nisling Range Alaskite, Coffee Creek Granite, Annie Ned Granite**)

UPPER CRETACEOUS

uKC

uKC: CARMACKS

a volcanic succession dominated by basic volcanic strata (1), but including felsic volcanic rocks dominantly (?) at the base of the succession (2) and locally, basal clastic strata (3) (70 ma approx)

1. augite olivine basalt and breccia; hornblende feldspar porphyry andesite and dacite flows; vesicular, augite phyric andesite and trachyte; minor sandy tuff, granite boulder conglomerate, agglomerate and associated epiclastic rocks (**Carmacks Gp., Little Ridge Volcanics, Casino Volcanics**)
2. acid vitric crystal tuff, lapilli tuff and welded tuff including feeder plugs and necks; felsic volcanic flow rocks and quartz feldspar porphyries; green and purple massive tuff-breccia with feldspar phyric fragments (**Carmacks Gp., Donjek Volcanics, some rocks formerly mapped as Mt. Nansen Gp.; the felsic part of the Carmacks Gp. is difficult to distinguish from similar Tertiary and mid-Cretaceous (Mt. Nansen) felsic volcanic strata**)
3. medium-bedded, poorly sorted, coarse- to fine-grained sandstone, pebble conglomerate, shale, tuff, and coal; massive to thick bedded locally derived granite or quartzite pebble to boulder conglomerate (**Carmacks Gp.**)

MID-CRETACEOUS

mKW

mKW: WHITEHORSE SUITE

grey, medium to coarse grained, generally equigranular granitic rocks of felsic (q), intermediate (g), locally mafic (d) and rarely syenitic (y) composition

- d. hornblende diorite, biotite-hornblende quartz diorite and mesocratic, often strongly magnetic, hypersthene-hornblende diorite, quartz diorite and gabbro (**Whitehorse Suite, Coast Intrusions**)
- g. biotite-hornblende granodiorite, hornblende quartz diorite and hornblende diorite; leucocratic, biotite hornblende granodiorite locally with sparse grey and pink potassium feldspar phenocrysts (**Whitehorse Suite, Casino granodiorite, McClintock granodiorite, Nisling Range granodiorite**)
- q. biotite quartz-monzonite, biotite granite and leucogranite, pink granophyric quartz monzonite, porphyritic biotite leucogranite, locally porphyritic (K-feldspar) hornblende monzonite to syenite, and locally porphyritic leucocratic quartz monzonite (**Mt. McIntyre Suite, Whitehorse Suite, Casino Intrusions, Mt. Ward Granite, Coffee Creek Granite**)
- y. hornblende syenite, grading to granite or granodiorite (**Whitehorse Suite**)

EARLY JURASSIC

EJgA

EJgA: AISHIHIK SUITE

medium- to coarse- grained, foliated biotite-hornblende granodiorite; biotite rich screens and gneiss schlieren; foliated hornblende diorite to monzodiorite with local K-feldspar megacrysts; may include unfoliated monzonite of the Long Lake Suite (**Aishihik Suite**)

CARBONIFEROUS AND PERMIAN

CPK

CPK: KLONDIKE SCHIST

poorly understood assemblage of metamorphosed pelitic/volcanic rocks (1) and minor marble (2), including phyllite of uncertain association (3)

CPK2

1. tan to rusty and black weathering muscovitic and/or chloritic quartzite and quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (+/- chlorite) schist; includes augen gneiss and amphibolite (**Klondike Schist**)
2. resistant, white weathering, white sugary marble with a ductile flow fabric; crystalline marble (**Klondike Schist**)
3. silvery grey muscovite chlorite quartz phyllite

PROTEROZOIC AND PALEOZOIC

PPa

PPa: AMPHIBOLITE

metamorphosed mafic rocks including amphibolite (1) and ultramafic rocks (2) of unknown association; i.e.) may belong in part or entirely to Nisling, Nasina, and Slide Mountain assemblages and (3), mafic-ultramafic intrusions within Nasina assemblage

1. medium to dark green weathering chlorite (+/-biotite) schist, amphibolite, banded amphibolite gneiss, garnet amphibolite; minor chloritic quartz-mica schist, graphitic quartz-mica schist, quartzite, and limestone
2. variably altered and serpentinized ultramafic rocks
3. calcareous actinolite-plagioclase-chlorite-biotite schist, plagioclase-actinolite-chlorite schist, and lesser carbonaceous phyllite and quartzite; metamorphosed ultramafic rocks including dunite and pyroxenite, locally serpentinized

LATE DEVONIAN TO MISSISSIPPIAN

DMPW

DMPW: PELLY GNEISS SUITE - SOUTHWEST

variably deformed granitic rocks of predominantly felsic (q) to intermediate composition (g) southwest of Tintina Fault

- q. foliated equigranular medium-grained muscovite quartz monzonite; moderately to strongly foliated K-feldspar augen-bearing quartz monzonitic to granitic gneiss (**S. Fiftymile Batholith, Mt. Burnham Orthogneiss,**)
- g. foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite (**Selwyn Gneiss, Pelly Gneiss, N. Fiftymile Batholith, Moose Creek Orthogneiss**)

DEVONIAN, MISSISSIPPIAN AND(?) OLDER

DMN

DMN: NASINA

graphitic quartzite and muscovite quartz-rich schist (1), (3)-(5), and(?) (6) with interspersed marble (2) and probable correlative successions (7) - (9)

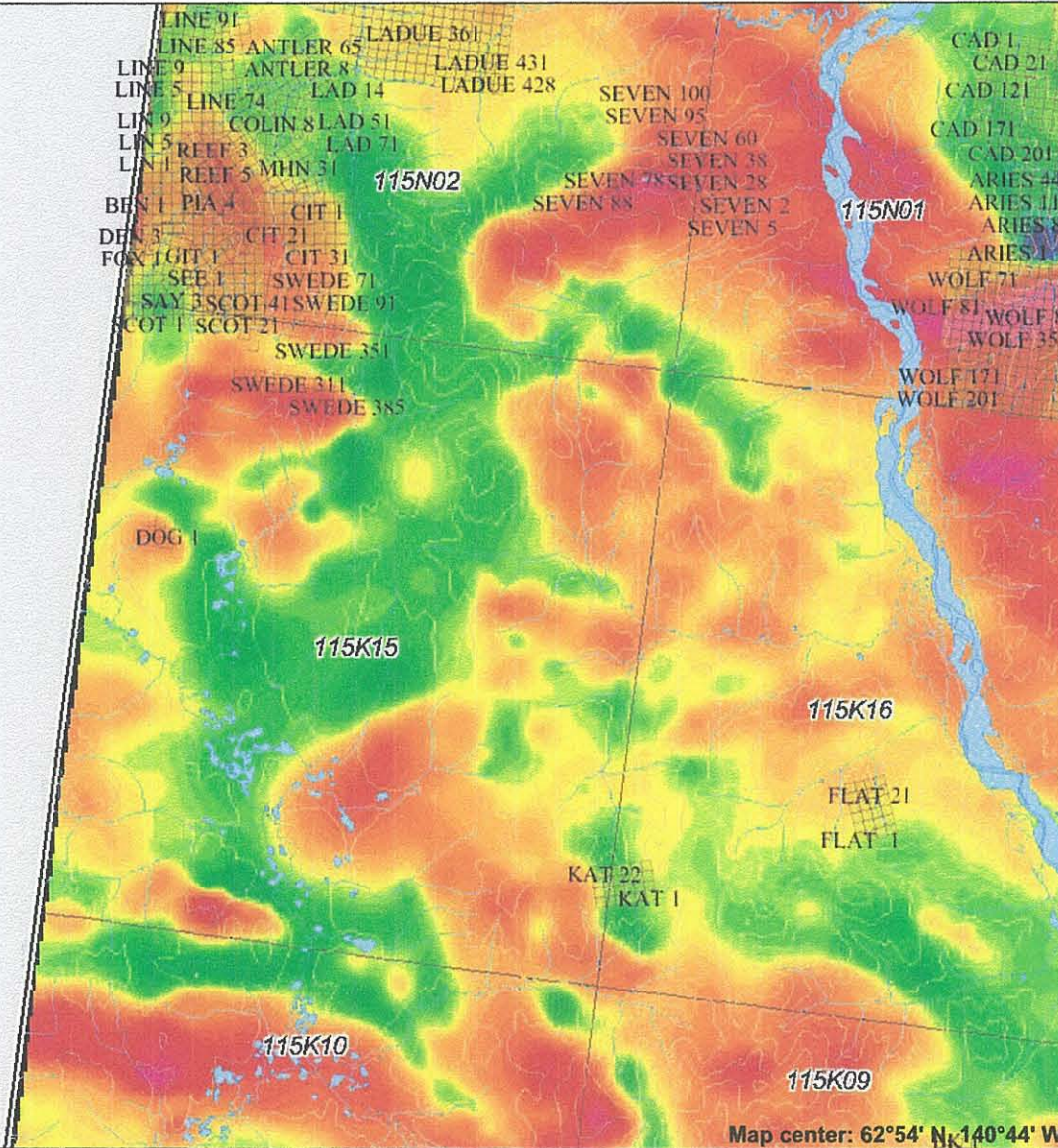
DMN2

1. dark grey to black, fine grained graphitic and non-graphitic quartzite, grey micaceous quartzite and quartz muscovite (+/-chlorite; +/- feldspar augen) schist, locally garnetiferous; minor graphitic stretched metaconglomerate and metagrit (**Nasina assem.**)
2. marble (**Nasina assem.**)
3. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Nisling Assemblage
4. quartzite, micaceous quartzite, quartz muscovite (+/-chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (1), but may locally include significant Klondike Schist Assemblage
5. black-weathering, massive, dark grey to black strongly graphitic quartzite with lesser grey

micaceous quartzite and quartz mica schist; commonly shows alternating light and dark grey colour lamination (**Nasina quartzite**)

6. biotite schist or gneiss; association uncertain, may belong to Nisling Assemblage
7. medium green to yellow green muscovite-chlorite-actinolite-epidote-albite +/-biotite schist to quartz-rich schist, local albite porphyroblasts; green and yellow banded biotite+/- magnetite schist (metatuff?); micaceous quartzite; minor metachert (**Hazel**)
8. hornblende-oligoclase-quartz+/-biotite +/-actinolite mafic gneiss and schist; hornblende amphibolite; sheared metaplutonic rock with interleaved quartzite and muscovite+/- biotite+/-oligoclase+/-garnet schist; bands of quartzofeldspathic melt (**Dorsey**)
9. fine grained actinolite+chlorite-muscovite+/-epidote phyllite and schist; calcareous metavolcanic rocks; quartzite; marble; sheared felsic to intermediated metaplutonic rocks; minor calcareous green metasiltstone or metatuff and sandy metacarbonate (**Ram Creek**)
10. eclogite

Dog Claims Magnetic Map



Legend

- Yukon Border - Surveyed
- National Road Network - All Roads
- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter
- Watercourses (250k)
- Places (All)**
- City
- Town
- Municipality
- Village
- Community
- Settlement
- Native Settle
- Hamlet
- Historic Site
- CSW_QUARTZ_ADJOINING_PARCEL
- CSW_QUARTZ_CLAIM**
- Active
- Expired
- Geophysics Residual Total Field Raster

Scale: 1:425,011

0 7.5 15 km.

Map center: 62°54' N, 140°44' W

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APPENDIX B

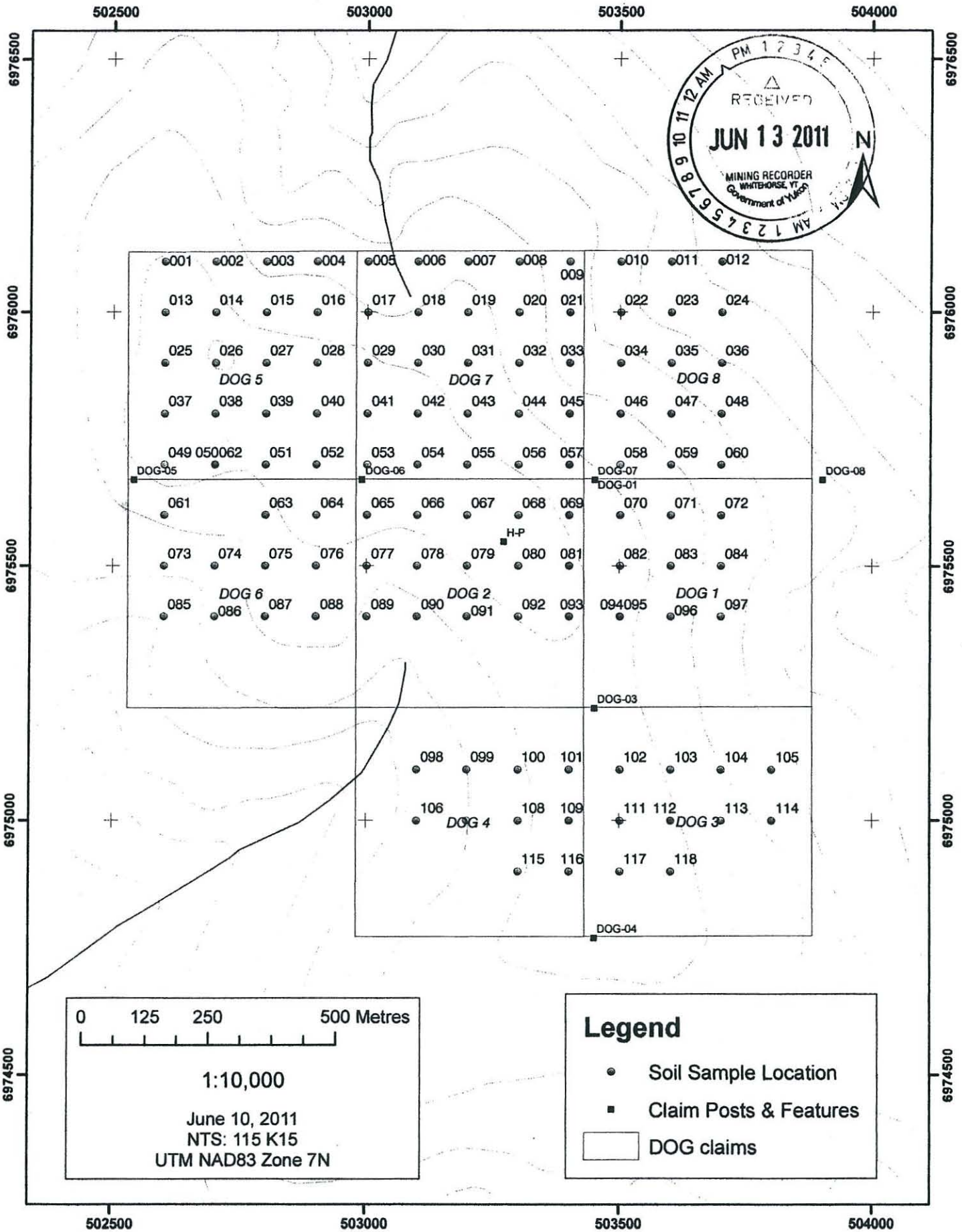
SAMPLE LOCATION MAP

ANOMALOUS POPULATION MAPS

CURRENT NTS CLAIM MAP

Quasran

Soil Sample Location Map, DOG Claims



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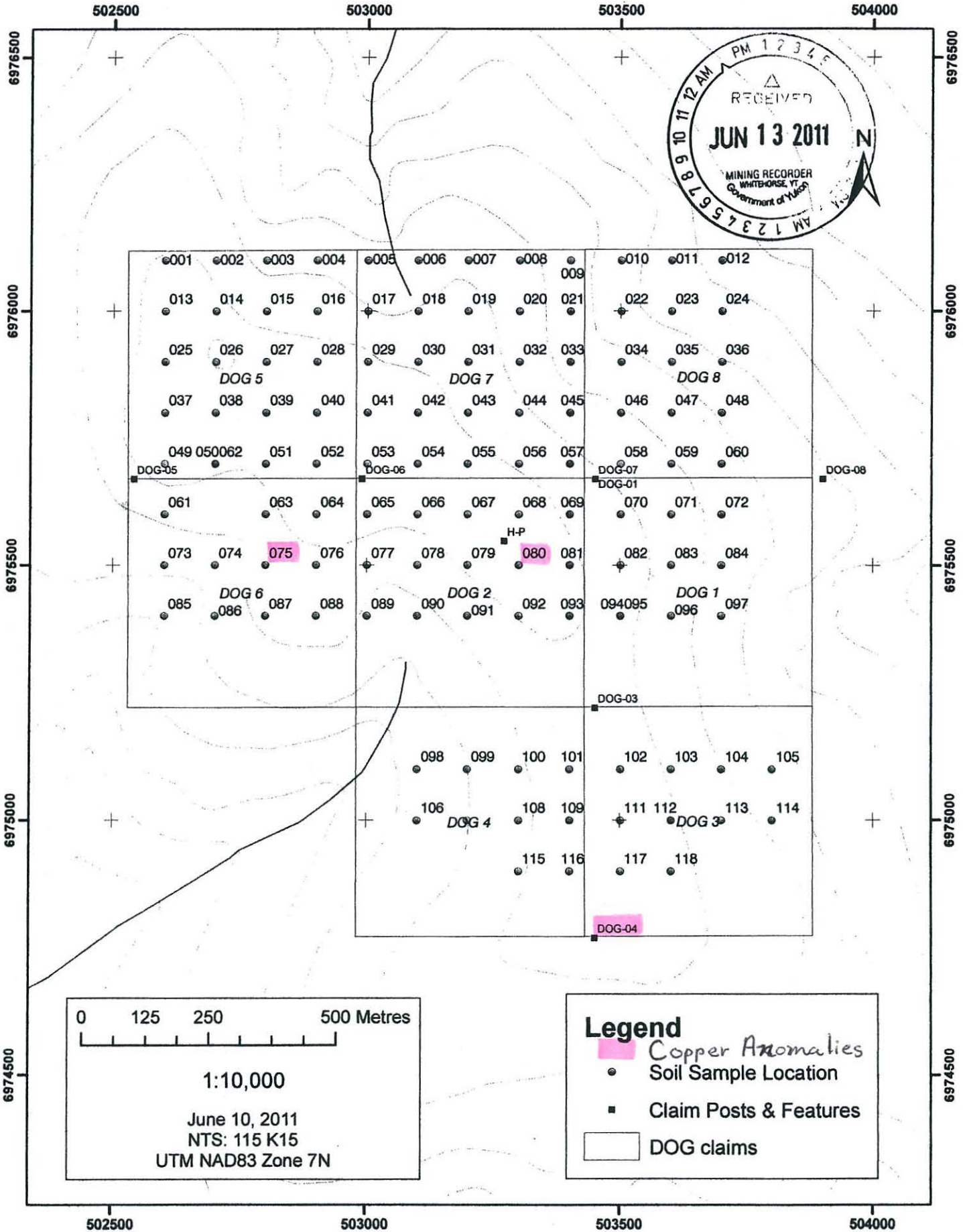
June 10, 2011
 NTS: 115 K15
 UTM NAD83 Zone 7N

Legend

- Soil Sample Location
- Claim Posts & Features
- DOG claims

QW287A7

Soil Sample Location Map, DOG Claims



0 125 250 500 Metres

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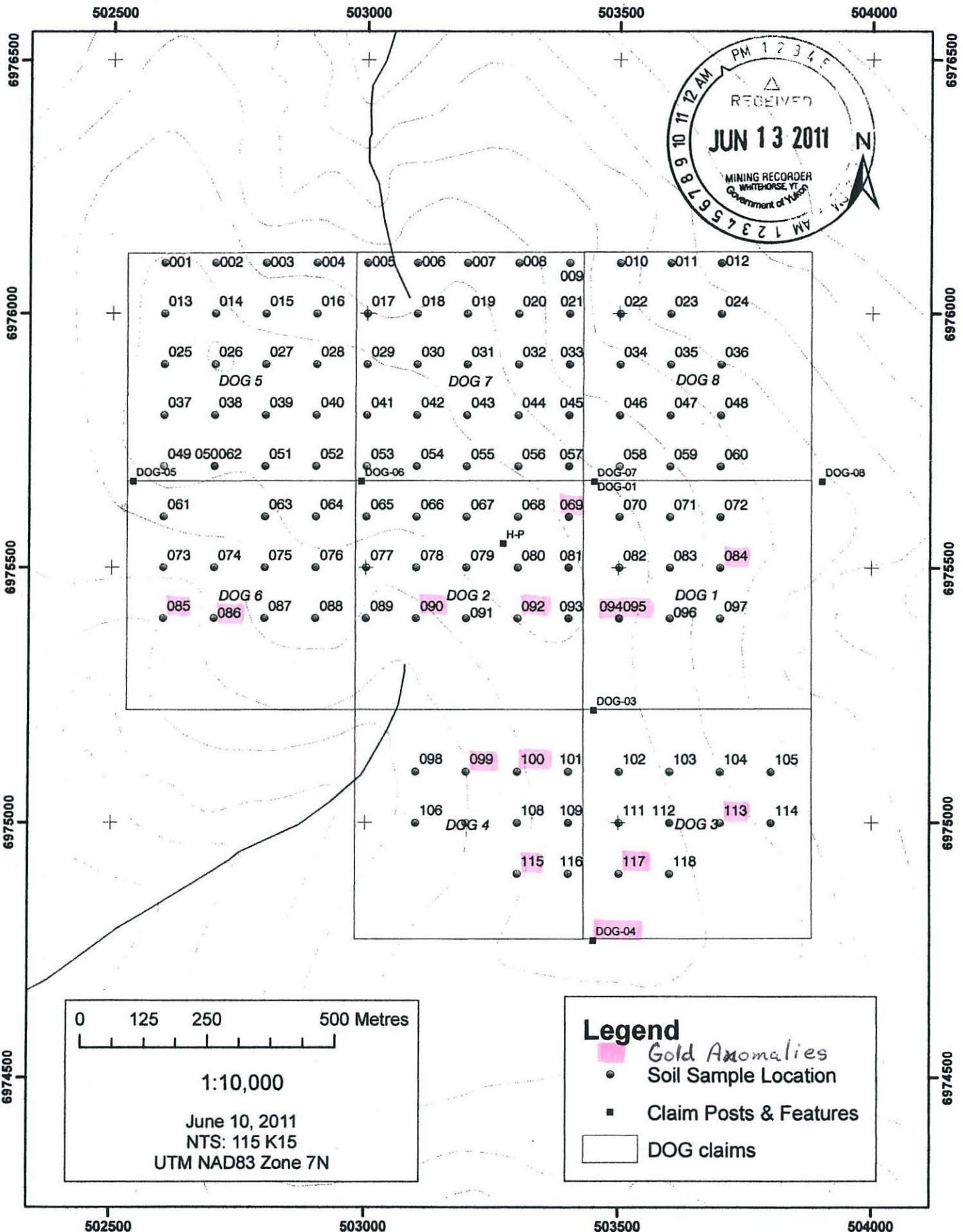
June 10, 2011
 NTS: 115 K15
 UTM NAD83 Zone 7N

Legend

- Copper Anomalies
- Soil Sample Location
- Claim Posts & Features
- DOG claims

Soil Sample Location Map, DOG Claims

QW287A7



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1:10,000

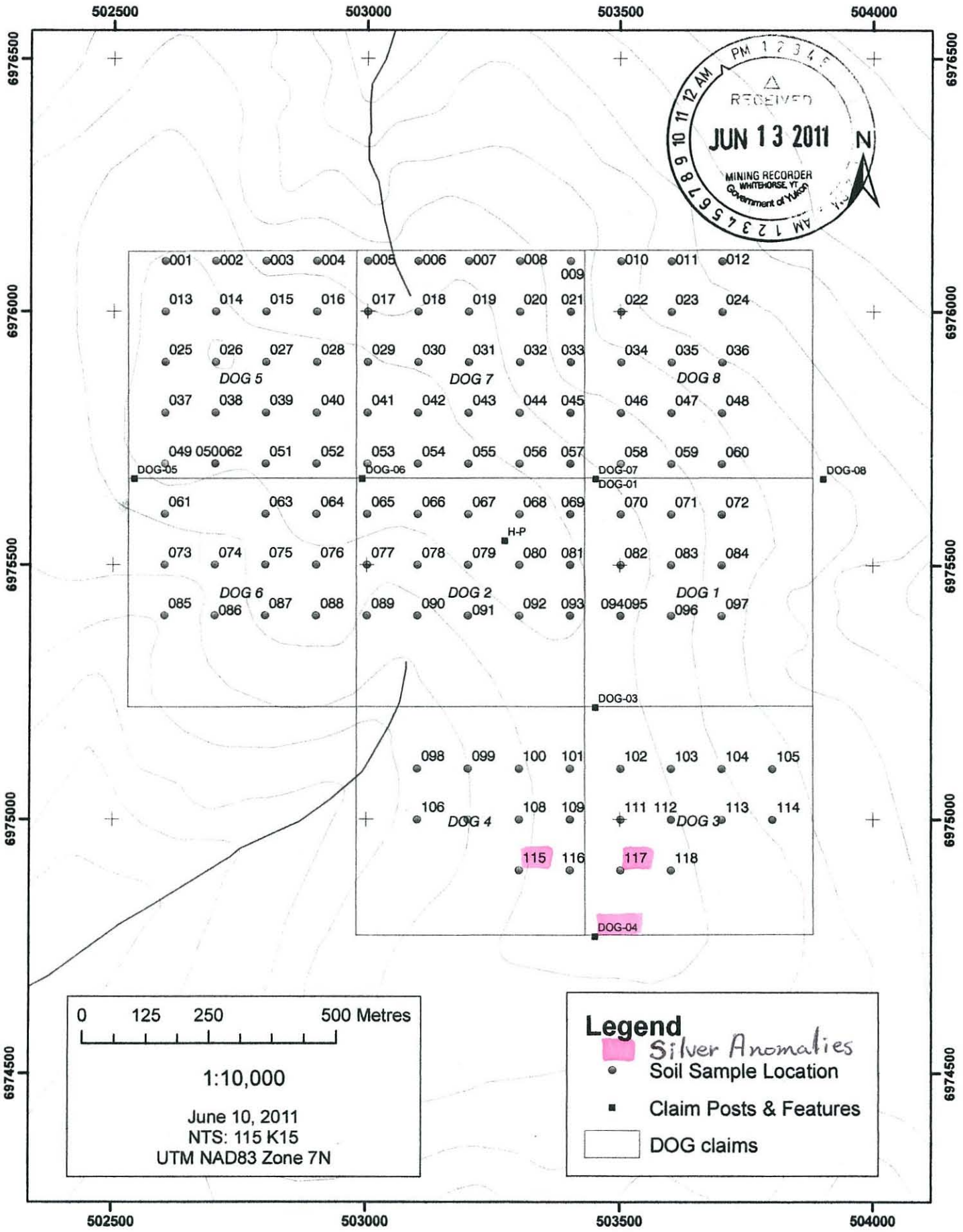
June 10, 2011
 NTS: 115 K15
 UTM NAD83 Zone 7N

Legend

- Gold Anomalies
- Soil Sample Location
- Claim Posts & Features
- DOG claims

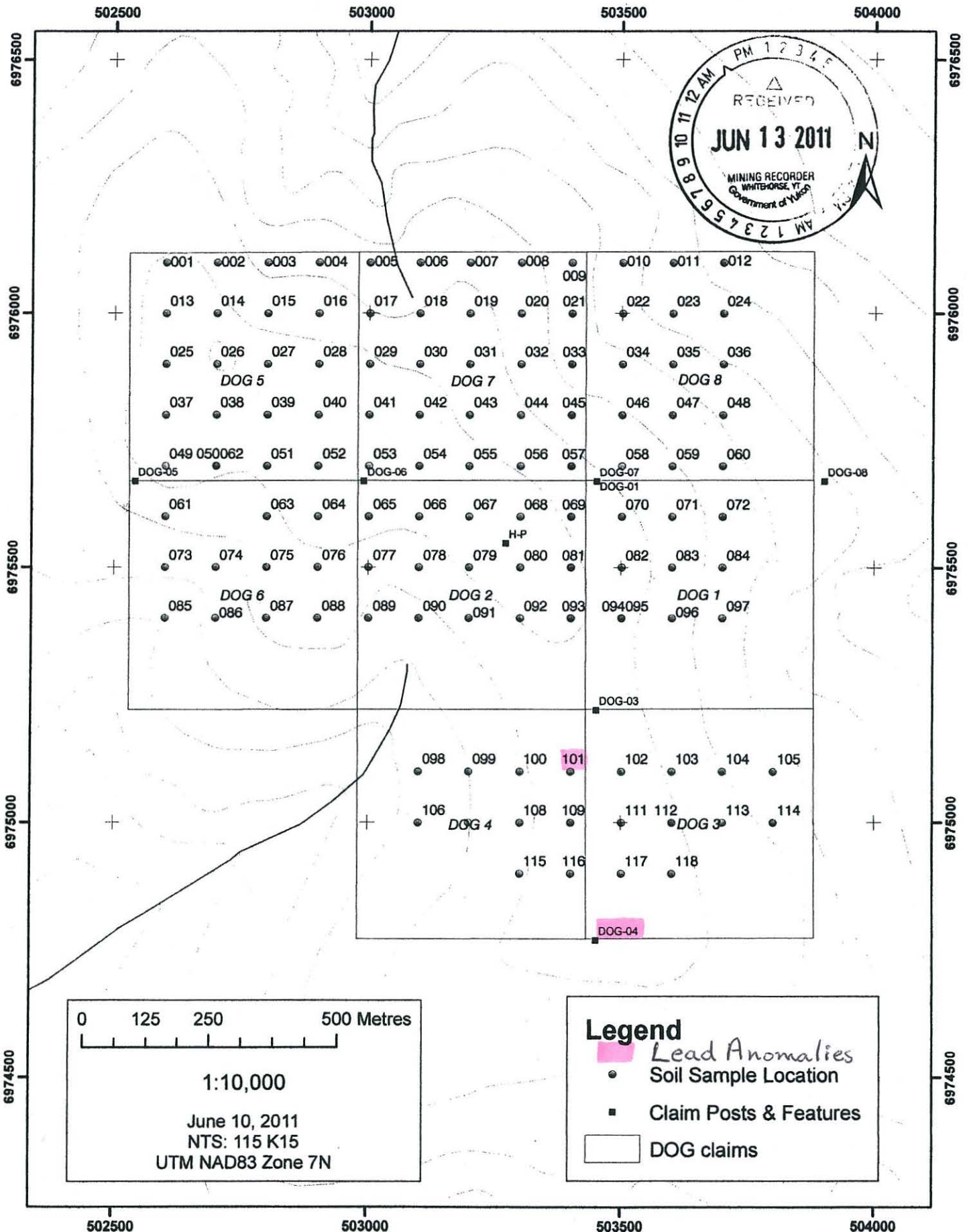
Soil Sample Location Map, DOG Claims

Quashtan



Soil Sample Location Map, DOG Claims

Qu287A7



0 125 250 500 Metres

1:10,000

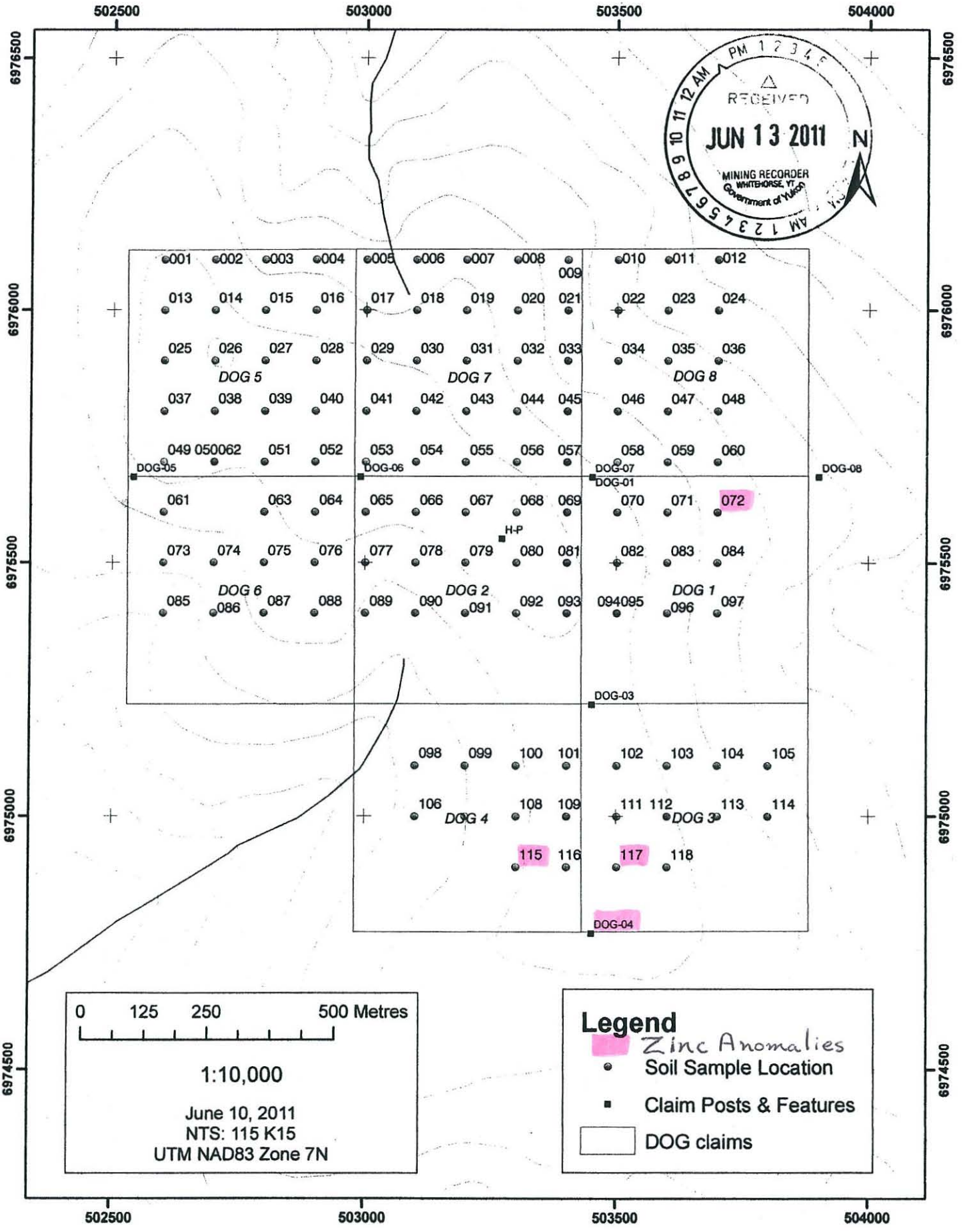
June 10, 2011
 NTS: 115 K15
 UTM NAD83 Zone 7N

Legend

- Lead Anomalies
- Soil Sample Location
- Claim Posts & Features
- DOG claims

QW28797

Soil Sample Location Map, DOG Claims



0 125 250 500 Metres

1:10,000

June 10, 2011
 NTS: 115 K15
 UTM NAD83 Zone 7N

Legend

- Zinc Anomalies
- Soil Sample Location
- Claim Posts & Features
- DOG claims

APPENDIX C

ACTIVITY LOG & COST BREAKDOWN

CERTIFICATES OF ANALYSIS & SPREAD SHEETS

2010

DOG CLAIMS
ACTIVITY LOG COST BREAKDOWN

PERSONNEL: WADE CARRELL, IVAN ELASH

DATE	PERSONNEL		ACTIVITY DESCRIPTION
	WC	IE	
Aug 16/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 17/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 18/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 19/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 20/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 21/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 22/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 23/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 24/10	X	X	Prospecting & soil sampling on Dog #1 - 8
Aug 25/10	X	X	Prospecting & soil sampling on Dog #1 - 8

Claims Worked

Dog #1 } 605.60
 Dog #2 }
 Dog #3 } 481.19
 Dog #4 }
 Dog #5 }
 Dog #6 } 605.60
 Dog #7 }
 Dog #8 }

of samples taken
 Soils: 16 - MMI
 Soils: 16 - MMI
 Soils: 11 - MMI & 2 ICP
 Soils: 11 - MMI & 2 ICP
 Soils: 16 - MMI
 Soils: 16 - MMI
 Soils: 16 - MMI
 Soils: 16 - MMI

TOTAL COST

BREAK DOWN

HELICOPTER 2 FLIGHTS @ \$936.39 = \$1872.78
 4 SOIL SAMPLES ICP ANALYSIS @ \$32.42 per sample = \$129.68
 119 SOIL SAMPLES MMI ANALYSIS @\$37.85 per sample = \$4504.15
 10 DAYS LABOUR LABOUR @ \$350.00 per man/day = \$7000.00
 LIVING ALLOWANCE 10 days food @ \$70.00/day = \$700.00
 SHIPPING SAMPLES SAMPLES to Toronto via Greyhound = \$111.09

TOTAL COST \$14,317.70

0028797

CERTIFICATE OF ANALYSIS AW 2010- 8213

Tanana Exploration
27 Tutshi Road
Whitehorse, YT
Y1A 3R4

12-Nov-10

No. of samples received: 5
Sample Type: Soil
Project: Dog
Submitted by: W Carrell

ET #.	Tag #	Au (ppb)
1	1110	<5
2	1111	<5
3	1112	5
4	1113	5
5	1114	<5

QC DATA:

Standard:
OXE74

610

NM/PS
XLS/10

ECO TECH LABORATORY LTD.

Norman Monteith
B.C. Certified Assayer

30-Nov-10

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

ICP CERTIFICATE OF ANALYSIS AW 2010- 8217

Tanana Exploration
27 Tutshi Road
Whitehorse, YT
Y1A 3R4

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 2
Sample Type: Rock
Project: Dog
Submitted by: W. Carrell

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	1112R	<0.2	0.14	35	22	<1	<5	0.04	<1	2	218	2	0.40	<5	0.03	<2	<2	0.02	65	2	<0.01	6	20	<3	<0.01	5	<1	<10	<5	4	<0.01	<5	6	<5	<1	<2
2	1114R	<0.2	0.12	35	20	<1	<5	0.03	<1	1	230	4	0.39	<5	0.03	<2	<2	0.01	60	1	<0.01	6	10	<3	<0.01	5	<1	<10	<5	4	<0.01	<5	6	<5	<1	4

QC DATA:

Repeat:

1	1112R	<0.2	0.14	35	22	<1	<5	0.04	<1	2	214	2	0.39	<5	0.03	<2	<2	0.02	65	2	<0.01	6	20	<3	<0.01	5	<1	<10	<5	4	<0.01	<5	6	<5	<1	<2
---	-------	------	------	----	----	----	----	------	----	---	-----	---	------	----	------	----	----	------	----	---	-------	---	----	----	-------	---	----	-----	----	---	-------	----	---	----	----	----

Resplit:

1	1112R	<0.2	0.11	30	18	<1	<5	0.05	<1	<1	222	2	0.32	<5	0.02	<2	<2	0.02	50	1	0.01	6	10	<3	<0.01	<5	<1	<10	<5	4	<0.01	<5	4	<5	<1	<2
---	-------	------	------	----	----	----	----	------	----	----	-----	---	------	----	------	----	----	------	----	---	------	---	----	----	-------	----	----	-----	----	---	-------	----	---	----	----	----

Standard:

Pb129a		11.7	0.85	<5	60	<1	<5	0.44	55	5	12	1398	1.58	<5	0.08	4	<2	0.69	375	2	0.03	5	410	6240	0.79	15	<1	<10	<5	30	0.04	<5	18	5	2	>10000
--------	--	------	------	----	----	----	----	------	----	---	----	------	------	----	------	---	----	------	-----	---	------	---	-----	------	------	----	----	-----	----	----	------	----	----	---	---	--------

ICP: Aqua Regia Digest / ICP- AES Finish.

NM/nw
df/2_8201S
XLS/10

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer



Certificate of Analysis

Work Order: TO112517

To: **Wade Carrell**
Tanana Explorations Inc.
27 Tutshi Rd.
WHITEHORSE
YUKON Y1A 3R4

Date: Dec 10, 2010

P.O. No. : Project:Dog-Soils
Project No. : -
No. Of Samples : 60
Date Submitted : Nov 24, 2010
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:
Discard after 90 days:

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
1001	18	32	<10	<0.1	4670	<1	440	5	54	29
1002	8	33	<10	<0.1	8430	<1	630	24	162	39
1003	25	21	<10	<0.1	6010	<1	470	13	17	18
1004	23	7	20	0.2	2100	<1	600	20	<5	22
1005	24	28	<10	<0.1	1970	<1	350	25	6	7
1006	11	64	<10	<0.1	2100	<1	320	17	17	12
1007	11	77	<10	<0.1	11200	<1	430	14	96	26
1008	18	15	<10	<0.1	2260	<1	490	13	7	11
1009	51	85	<10	<0.1	320	<1	230	5	51	13
1010	11	57	<10	<0.1	890	<1	160	2	98	10
1011	4	78	<10	<0.1	350	<1	110	2	184	16
1012	10	80	<10	<0.1	310	<1	120	2	265	32
1013	26	70	<10	<0.1	330	<1	240	2	85	17
1014	32	33	<10	<0.1	11400	<1	330	21	122	9
1015	20	19	<10	<0.1	9320	<1	350	5	199	25
1016	50	18	<10	0.1	2640	<1	470	5	12	46
1017	27	9	<10	<0.1	1900	<1	520	7	7	42
1018	25	59	<10	<0.1	390	<1	170	<1	80	14
1019	46	18	10	0.4	7440	<1	630	6	29	39
1020	13	8	<10	<0.1	5780	<1	560	37	25	36
1021	20	14	<10	0.2	7760	<1	540	6	289	184
1022	14	68	<10	0.1	6720	<1	380	4	552	50
1023	14	12	<10	0.1	10500	<1	580	7	63	27
1024	10	13	<10	0.2	8070	<1	440	1	241	145
1025	9	23	<10	<0.1	6480	<1	380	3	178	56
1026	6	87	<10	<0.1	1210	<1	220	2	94	22
1027	26	5	<10	0.7	4000	<1	700	4	<5	33
1028	11	73	<10	<0.1	1690	<1	190	3	78	24
1029	6	47	<10	<0.1	8400	<1	360	1	139	67
1030	18	20	<10	<0.1	2570	<1	380	2	26	13
1031	38	15	<10	0.1	4670	<1	430	32	21	44
1032	36	9	<10	0.1	25700	<1	430	3	39	61
1033	11	93	20	0.7	10400	<1	200	6	887	528
1034	69	9	<10	0.3	26700	<1	350	17	172	159
1035	49	39	<10	<0.1	11300	<1	340	62	1130	34
1036	70	5	<10	0.6	20400	<1	420	3	38	123
1037	81	20	<10	0.2	22000	<1	290	9	87	33
1038	27	83	<10	<0.1	28300	<1	170	3	896	32
1039	19	49	10	0.1	12300	<1	190	5	99	55
1040	104	8	<10	0.1	19200	<1	300	2	31	113
1041	5	133	10	<0.1	15700	<1	40	2	255	11
1042	20	77	40	<0.1	16100	<1	50	9	107	38
1043	84	151	50	0.3	14300	<1	90	3	3050	36

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
1044	29	17	10	0.3	4610	<1	220	43	102	68
1045	69	4	<10	0.3	13900	<1	360	35	6	15
1046	19	5	<10	0.4	8400	<1	220	33	64	61
1047	67	12	<10	0.3	12400	<1	150	10	61	29
1048	55	2	<10	1.4	15000	<1	320	6	18	41
1049	49	10	<10	0.8	15600	<1	340	17	155	51
1050	50	4	<10	0.4	2250	<1	300	29	15	106
1051	17	32	<10	0.7	14500	<1	320	2	252	12
1052	29	13	<10	0.6	20600	<1	450	4	306	64
1053	11	34	<10	0.7	20600	<1	370	2	667	21
1054	13	75	<10	0.2	17100	<1	230	2	457	25
1055	10	28	<10	0.3	13500	<1	110	1	829	66
1056	10	18	<10	0.3	4140	<1	290	10	109	90
1057	4	74	<10	0.4	18700	<1	160	1	1990	88
1058	24	68	<10	0.2	18400	<1	150	2	1140	38
1059	28	22	<10	0.4	16400	<1	350	26	73	9
1060	7	63	<10	0.1	11200	<1	360	16	251	14
*Rep 1010	10	56	<10	<0.1	1110	<1	160	4	91	21
*Rep 1024	10	11	<10	0.4	7880	<1	430	2	288	251
*Rep 1031	39	25	<10	0.1	4180	<1	360	32	27	33
*Rep 1040	89	8	<10	0.2	18900	<1	290	2	36	105
*Rep 1054	12	73	<10	0.2	15100	<1	220	2	429	28
*Std MMISRM16	18	41	<10	28.1	90	<1	180	4	21	59
*Std AMIS0169	6	49	<10	0.4	1100	<1	30	1	747	95
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
1001	<100	<0.5	1780	12	5.5	3.7	10	2	16	<1
1002	<100	<0.5	440	44	23.0	10.8	8	2	49	<1
1003	<100	<0.5	1490	10	5.4	3.3	6	<1	13	<1
1004	<100	<0.5	6120	1	0.8	<0.5	9	<1	1	<1
1005	<100	<0.5	840	1	0.7	0.5	4	1	2	<1
1006	<100	0.8	1530	3	1.7	1.4	9	3	5	<1
1007	<100	<0.5	690	18	9.1	6.1	19	2	23	<1
1008	<100	<0.5	710	3	1.3	0.9	5	<1	4	<1
1009	<100	1.7	660	5	2.4	1.9	10	11	8	<1
1010	<100	1.0	470	8	3.8	3.4	17	9	14	<1
1011	<100	1.5	420	10	4.3	4.4	29	14	16	<1
1012	<100	1.4	520	11	4.9	5.4	26	11	18	<1
1013	<100	1.2	1640	6	2.7	2.4	18	10	9	<1
1014	<100	<0.5	1400	22	12.4	5.7	50	2	23	<1
1015	<100	<0.5	610	39	19.1	9.3	26	2	41	<1
1016	<100	<0.5	2280	6	3.2	1.6	5	<1	7	<1
1017	<100	<0.5	1220	3	1.7	0.8	2	<1	3	<1
1018	<100	0.8	760	7	2.9	3.3	11	7	12	<1
1019	<100	<0.5	970	28	17.9	5.7	3	<1	29	<1
1020	<100	<0.5	1910	31	14.6	9.1	4	<1	39	<1
1021	<100	<0.5	960	66	30.5	16.5	5	1	79	<1
1022	<100	<0.5	1490	119	66.9	29.7	21	6	144	<1
1023	<100	<0.5	1540	51	27.8	12.0	14	<1	56	<1
1024	<100	<0.5	850	40	21.9	9.9	13	2	51	<1
1025	<100	<0.5	1060	10	5.0	3.8	20	2	14	<1
1026	<100	<0.5	180	7	3.1	2.4	30	6	10	<1
1027	<100	<0.5	660	12	7.2	1.3	2	<1	12	2
1028	<100	0.5	320	8	3.7	2.8	29	8	11	<1
1029	<100	<0.5	400	16	7.6	5.4	25	2	21	<1
1030	<100	<0.5	960	4	2.0	1.6	25	2	7	<1
1031	<100	0.7	2730	30	13.7	7.5	7	<1	36	<1
1032	<100	<0.5	1800	11	5.3	4.0	5	<1	15	<1
1033	<100	<0.5	3650	275	171	59.6	89	7	289	<1
1034	<100	<0.5	1270	105	45.6	31.7	6	2	164	<1
1035	<100	0.9	1300	167	84.5	44.0	17	6	205	<1
1036	<100	<0.5	470	13	4.6	4.2	2	<1	17	<1
1037	<100	<0.5	320	20	7.6	6.3	21	1	24	<1
1038	<100	<0.5	270	150	74.9	39.0	26	5	181	<1
1039	<100	<0.5	310	11	5.4	3.9	109	3	14	<1
1040	<100	<0.5	370	7	3.1	3.2	7	<1	11	<1
1041	<100	0.7	80	21	8.1	7.1	45	12	25	<1
1042	<100	1.7	150	13	5.3	4.6	52	6	16	<1
1043	<100	<0.5	390	456	199	127	53	18	579	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
1044	<100	<0.5	1420	36	17.5	9.7	15	1	47	<1
1045	<100	<0.5	840	3	1.4	1.7	<1	<1	5	<1
1046	<100	<0.5	1040	16	7.7	5.0	8	<1	23	<1
1047	<100	<0.5	180	26	10.8	7.9	8	<1	35	<1
1048	<100	<0.5	1320	23	11.2	7.7	3	<1	34	<1
1049	<100	<0.5	1560	50	25.1	12.7	14	<1	63	<1
1050	<100	<0.5	1370	4	2.2	1.3	2	<1	6	<1
1051	<100	<0.5	820	65	33.4	16.4	18	1	74	<1
1052	<100	<0.5	650	100	50.5	25.4	2	1	133	1
1053	<100	<0.5	610	206	109	44.1	6	3	233	<1
1054	<100	<0.5	220	92	44.2	22.2	17	3	107	<1
1055	<100	0.5	220	84	35.5	25.5	21	5	115	<1
1056	<100	<0.5	1360	31	15.8	8.5	12	<1	41	<1
1057	<100	<0.5	160	284	129	67.1	9	8	326	<1
1058	<100	<0.5	230	272	131	68.8	13	6	325	<1
1059	<100	<0.5	780	27	13.0	8.1	11	<1	35	<1
1060	<100	<0.5	400	100	59.6	18.9	41	2	96	<1
*Rep 1010	<100	0.9	430	7	3.0	3.1	19	7	12	<1
*Rep 1024	<100	<0.5	990	34	18.2	8.5	17	2	40	<1
*Rep 1031	<100	0.7	3170	20	9.6	6.2	9	2	27	<1
*Rep 1040	<100	<0.5	360	7	2.9	3.1	7	<1	10	<1
*Rep 1054	<100	<0.5	200	91	44.7	21.3	17	3	104	<1
*Std MMISRM16	<100	10.0	580	3	1.1	1.4	1	<1	6	20
*Std AMIS0169	<100	6.1	2870	30	12.6	11.2	35	12	44	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
1001	<0.5	67.8	20	<5	58	6210	8	0.5	46	237
1002	<0.5	69.9	41	9	147	11700	<5	<0.5	102	550
1003	<0.5	143	11	<5	87	3110	6	0.7	28	183
1004	<0.5	177	1	57	80	2400	47	0.7	3	1090
1005	<0.5	135	2	9	51	1330	21	0.6	5	170
1006	<0.5	49.0	10	<5	30	1640	<5	0.8	19	108
1007	<0.5	156	41	<5	63	4660	9	1.0	70	532
1008	<0.5	117	3	<5	32	1790	<5	0.7	8	133
1009	<0.5	57.9	23	<5	29	1380	<5	1.6	40	125
1010	<0.5	50.6	53	<5	7	1130	<5	1.3	91	66
1011	<0.5	44.1	81	<5	3	530	<5	2.0	113	29
1012	<0.5	59.2	98	<5	3	520	<5	2.6	133	44
1013	<0.5	44.6	35	<5	11	390	<5	1.5	56	86
1014	<0.5	16.4	37	<5	74	3110	<5	0.6	65	245
1015	<0.5	17.2	63	<5	75	1400	<5	<0.5	111	208
1016	<0.5	113	6	5	72	3840	5	<0.5	15	286
1017	<0.5	46.2	1	44	228	2410	12	<0.5	4	240
1018	<0.5	69.8	39	<5	23	1220	<5	1.5	74	75
1019	<0.5	107	11	10	172	4140	17	<0.5	36	402
1020	<0.5	68.1	18	<5	86	3440	<5	<0.5	61	406
1021	<0.5	27.5	71	16	87	4440	<5	<0.5	172	336
1022	<0.5	12.2	224	10	74	5790	<5	0.6	423	422
1023	<0.5	54.5	27	<5	88	2850	<5	<0.5	90	186
1024	<0.5	10.4	91	10	129	2600	<5	<0.5	149	451
1025	<0.5	18.9	39	<5	85	11200	6	<0.5	64	180
1026	<0.5	37.8	39	<5	35	1530	<5	2.1	53	89
1027	<0.5	3.7	<1	<5	108	1110	18	<0.5	7	228
1028	<0.5	39.2	36	<5	26	3260	10	1.4	49	135
1029	<0.5	7.7	63	<5	99	940	<5	<0.5	89	196
1030	<0.5	15.2	15	<5	55	1470	6	<0.5	26	90
1031	<0.5	45.7	17	<5	56	2580	<5	<0.5	53	848
1032	<0.5	26.3	10	<5	100	8660	37	<0.5	25	411
1033	<0.5	10.6	474	<5	22	19200	5	0.8	802	1400
1034	<0.5	64.3	114	33	52	5920	14	<0.5	299	1060
1035	<0.5	40.3	461	<5	38	2800	<5	<0.5	738	566
1036	<0.5	30.5	13	6	63	3490	35	<0.5	28	219
1037	<0.5	21.2	31	<5	39	1060	<5	<0.5	57	304
1038	<0.5	7.7	307	<5	37	2190	<5	<0.5	559	383
1039	<0.5	8.9	51	<5	25	3440	<5	1.0	56	218
1040	<0.5	21.4	9	<5	25	3800	6	<0.5	20	173
1041	<0.5	11.3	135	<5	7	830	<5	2.3	120	46
1042	<0.5	9.4	55	<5	7	3120	<5	1.5	60	77
1043	<0.5	9.7	1110	<5	23	660	<5	2.3	1880	116

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
1044	<0.5	15.2	43	<5	35	5250	6	<0.5	99	557
1045	<0.5	3.5	2	10	87	1580	44	<0.5	6	338
1046	<0.5	11.5	22	<5	51	3410	11	<0.5	52	342
1047	<0.5	21.0	39	<5	18	3960	5	<0.5	78	122
1048	<0.5	2.5	17	7	63	1200	7	<0.5	49	304
1049	<0.5	1.8	54	<5	62	750	<5	<0.5	111	611
1050	<0.5	10.7	3	12	78	5870	10	<0.5	9	493
1051	<0.5	1.2	97	<5	73	1270	<5	<0.5	171	593
1052	<0.5	1.5	71	7	87	2370	<5	<0.5	199	615
1053	<0.5	2.7	218	<5	76	750	<5	<0.5	449	723
1054	<0.5	2.6	226	<5	55	980	<5	<0.5	296	369
1055	<0.5	3.8	388	<5	22	2250	<5	0.9	431	164
1056	<0.5	1.1	37	<5	78	4540	<5	<0.5	85	788
1057	<0.5	2.8	979	<5	55	1900	<5	<0.5	1120	272
1058	<0.5	3.5	491	<5	40	790	<5	<0.5	877	353
1059	<0.5	1.7	29	<5	81	700	<5	<0.5	67	534
1060	<0.5	4.6	95	<5	110	2130	<5	<0.5	182	744
*Rep 1010	<0.5	38.8	43	<5	7	3400	<5	1.6	74	73
*Rep 1024	<0.5	10.7	96	9	124	7430	<5	<0.5	139	558
*Rep 1031	<0.5	46.6	21	<5	46	2120	<5	<0.5	53	648
*Rep 1040	<0.5	20.5	9	<5	25	3850	<5	<0.5	20	166
*Rep 1054	<0.5	2.5	209	<5	52	1660	<5	<0.5	273	332
*Std MMISRM16	<0.5	29.5	5	<5	29	110	36	<0.5	19	280
*Std AMIS0169	<0.5	30.6	420	<5	25	3050	<5	2.2	349	351
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
1001	2.0	30	<1	8	<1	70	<1	7	12	<1
1002	1.8	70	<1	18	<1	42	<1	9	35	<1
1003	5.7	20	<1	4	<1	88	<1	6	9	<1
1004	2.1	<10	<1	<1	<1	34	1	<5	<1	<1
1005	10.5	10	<1	<1	<1	52	<1	<5	1	<1
1006	9.9	30	<1	3	<1	70	<1	<5	5	<1
1007	2.0	160	<1	14	<1	55	<1	13	19	<1
1008	5.7	10	<1	1	<1	93	<1	<5	3	<1
1009	8.5	40	<1	8	<1	63	<1	<5	8	<1
1010	9.1	20	<1	19	<1	121	<1	7	18	<1
1011	17.2	30	<1	26	<1	116	<1	8	21	<1
1012	15.0	30	<1	31	<1	132	<1	7	24	<1
1013	7.2	40	<1	12	<1	78	<1	6	11	<1
1014	2.3	50	<1	13	<1	70	<1	32	18	<1
1015	2.1	60	<1	22	<1	54	<1	19	32	<1
1016	2.6	10	<1	3	<1	56	<1	<5	5	<1
1017	0.4	20	<1	<1	<1	62	<1	<5	2	<1
1018	14.8	20	<1	15	<1	69	<1	<5	14	<1
1019	2.4	110	<1	6	<1	9	<1	9	15	<1
1020	0.5	<10	<1	9	<1	15	<1	9	25	<1
1021	0.4	80	<1	29	<1	26	<1	14	57	<1
1022	1.3	100	<1	82	<1	35	<1	45	113	<1
1023	0.7	20	<1	13	<1	20	<1	17	34	<1
1024	<0.1	70	<1	28	<1	<5	<1	17	39	<1
1025	0.2	20	<1	13	<1	57	<1	17	14	<1
1026	5.7	90	<1	12	<1	42	<1	9	10	<1
1027	0.1	<10	<1	<1	<1	10	<1	5	5	<1
1028	5.0	60	<1	11	<1	46	<1	13	11	<1
1029	0.2	110	<1	19	<1	68	<1	9	20	<1
1030	2.0	30	<1	5	<1	59	<1	6	6	<1
1031	2.0	40	<1	8	<1	67	<1	13	20	<1
1032	0.4	40	<1	4	<1	15	<1	5	10	<1
1033	0.9	350	<1	167	<1	49	2	246	215	<1
1034	0.4	150	<1	48	<1	46	<1	9	110	<1
1035	0.4	210	<1	156	<1	40	<1	15	179	<1
1036	0.6	50	<1	5	<1	13	<1	6	11	<1
1037	1.7	170	<1	11	<1	28	<1	9	18	<1
1038	0.6	280	<1	111	<1	56	<1	118	150	<1
1039	1.6	180	<1	13	<1	73	1	19	13	<1
1040	2.7	60	<1	3	<1	56	<1	<5	7	<1
1041	4.4	220	<1	31	<1	106	<1	31	24	<1
1042	7.3	340	<1	14	<1	69	2	31	14	<1
1043	2.0	970	<1	395	<1	67	3	275	498	<1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
1044	0.2	180	<1	17	<1	6	2	9	31	<1
1045	<0.1	60	<1	<1	<1	12	1	<5	3	<1
1046	0.3	60	<1	9	<1	6	<1	6	16	<1
1047	1.3	170	<1	14	<1	36	<1	<5	23	<1
1048	<0.1	100	<1	8	<1	5	1	9	19	<1
1049	<0.1	470	<1	20	<1	<5	<1	12	36	<1
1050	<0.1	70	<1	1	<1	<5	<1	<5	3	<1
1051	<0.1	120	<1	34	<1	6	<1	17	51	<1
1052	<0.1	180	<1	30	<1	<5	<1	11	74	<1
1053	<0.1	200	<1	79	<1	10	<1	26	136	<1
1054	<0.1	280	<1	62	<1	48	<1	68	75	<1
1055	0.5	140	<1	97	<1	49	<1	53	94	<1
1056	<0.1	30	<1	15	<1	14	<1	7	26	<1
1057	<0.1	480	<1	261	<1	47	<1	121	234	<1
1058	0.1	410	<1	178	<1	24	<1	111	234	<1
1059	<0.1	50	<1	12	<1	7	<1	7	22	<1
1060	0.2	160	<1	35	<1	<5	<1	47	59	<1
*Rep 1010	9.1	30	<1	16	<1	93	<1	7	14	<1
*Rep 1024	<0.1	50	<1	28	<1	<5	<1	20	35	<1
*Rep 1031	3.0	40	<1	9	<1	65	<1	10	17	<1
*Rep 1040	2.8	60	<1	3	<1	55	<1	<5	7	<1
*Rep 1054	<0.1	270	<1	58	<1	42	<1	69	71	<1
*Std MMISRM16	0.1	160	25	3	<1	268	<1	10	6	<1
*Std AMIS0169	1.5	130	<1	92	<1	186	<1	45	55	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
1001	2350	<1	2	<10	4.9	10	<0.5	5	<1	59
1002	4020	<1	8	<10	14.8	11	<0.5	14	<1	219
1003	2580	<1	2	<10	5.8	27	<0.5	9	<1	55
1004	2660	<1	<1	<10	0.5	28	<0.5	2	<1	8
1005	1680	<1	<1	<10	0.8	49	<0.5	1	<1	7
1006	1570	<1	<1	<10	1.8	79	<0.5	4	<1	18
1007	3380	<1	3	<10	11.3	36	<0.5	1490	<1	96
1008	2650	<1	<1	<10	1.9	26	<0.5	8	<1	16
1009	1030	<1	<1	<10	2.7	123	<0.5	8	<1	27
1010	900	<1	2	<10	3.9	135	<0.5	6	<1	41
1011	490	<1	2	<10	6.0	319	<0.5	5	<1	45
1012	470	<1	3	<10	7.9	321	<0.5	6	<1	52
1013	1090	<1	1	<10	3.7	148	<0.5	8	<1	29
1014	1770	<1	4	<10	11.2	16	<0.5	5	<1	119
1015	2040	<1	7	<10	13.1	11	<0.5	7	<1	173
1016	2000	<1	1	<10	3.7	14	<0.5	2	<1	32
1017	5760	<1	<1	<10	1.2	6	<0.5	3	<1	15
1018	620	<1	1	<10	3.2	150	<0.5	6	<1	31
1019	4310	<1	5	<10	7.0	33	<0.5	49	<1	132
1020	4060	<1	6	<10	10.0	4	<0.5	12	<1	168
1021	3650	<1	12	<10	17.1	4	<0.5	7	<1	306
1022	2250	<1	21	<10	20.4	21	<0.5	15	<1	691
1023	2630	<1	8	<10	6.9	5	<0.5	7	<1	290
1024	2910	<1	7	<10	21.0	6	<0.5	11	<1	247
1025	2590	<1	2	<10	7.5	6	<0.5	6	<1	51
1026	1190	<1	1	<10	7.7	257	<0.5	5	<1	31
1027	4180	<1	2	<10	1.9	<3	<0.5	41	<1	69
1028	710	<1	1	<10	7.5	226	<0.5	7	<1	35
1029	2550	<1	3	<10	5.8	16	<0.5	5	<1	80
1030	2220	<1	<1	<10	2.5	14	<0.5	4	<1	22
1031	2680	<1	5	<10	9.8	9	0.6	15	<1	141
1032	2880	<1	2	<10	5.8	5	<0.5	22	<1	57
1033	1460	<1	44	<10	117	205	<0.5	384	1	1750
1034	1740	<1	21	<10	37.8	13	<0.5	21	<1	519
1035	1830	<1	31	<10	97.2	17	<0.5	191	<1	858
1036	2420	<1	2	<10	7.5	6	<0.5	29	<1	47
1037	1570	<1	4	<10	18.2	23	<0.5	21	<1	75
1038	1000	<1	27	<10	25.8	134	<0.5	29	<1	706
1039	860	<1	2	<10	19.7	187	<0.5	11	<1	50
1040	1610	<1	1	<10	5.3	9	<0.5	10	<1	34
1041	290	<1	4	<10	21.8	800	<0.5	7	<1	99
1042	380	<1	2	<10	53.5	416	<0.5	12	1	57
1043	490	<1	87	<10	44.0	797	<0.5	68	2	1990

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
1044	1130	<1	6	<10	35.7	30	<0.5	118	<1	184
1045	1690	<1	<1	<10	2.0	<3	<0.5	67	<1	16
1046	610	<1	3	<10	19.9	8	<0.5	178	<1	83
1047	930	<1	5	<10	17.7	26	<0.5	20	<1	90
1048	1240	<1	4	<10	14.0	5	<0.5	25	<1	116
1049	1640	<1	9	<10	36.6	<3	<0.5	51	<1	219
1050	840	<1	<1	<10	7.5	<3	<0.5	65	2	20
1051	1700	<1	12	<10	22.0	<3	<0.5	844	<1	283
1052	2490	<1	18	<10	14.9	<3	<0.5	80	<1	445
1053	2650	<1	35	<10	35.2	<3	<0.5	268	<1	898
1054	1570	<1	16	<10	31.3	29	<0.5	35	<1	444
1055	790	<1	16	<10	45.5	292	<0.5	74	1	351
1056	1940	<1	6	<10	13.6	3	<0.5	78	<1	147
1057	1300	<1	52	<10	43.5	115	<0.5	45	<1	1270
1058	1150	<1	50	<10	40.0	74	<0.5	84	<1	1110
1059	1850	<1	5	<10	12.3	<3	<0.5	89	<1	123
1060	2060	<1	16	<10	19.9	19	<0.5	147	<1	515
*Rep 1010	850	<1	2	<10	5.4	138	<0.5	4	<1	36
*Rep 1024	2890	<1	6	<10	25.2	<3	<0.5	11	<1	198
*Rep 1031	2280	<1	4	<10	7.0	19	<0.5	13	<1	99
*Rep 1040	1560	<1	1	<10	5.2	7	<0.5	10	<1	31
*Rep 1054	1480	<1	16	<10	31.1	29	<0.5	34	<1	443
*Std MMISRM16	460	<1	<1	<10	27.2	<3	<0.5	49	<1	12
*Std AMIS0169	80	<1	7	<10	82.1	329	1.5	25	1	104
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5

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Final : TO112517 Order: Project:Dog-Soils

Element Method Det.Lim. Units	Yb MMI-M5 1 ppb	Zn MMI-M5 20 ppb	Zr MMI-M5 5 ppb
1001	4	50	13
1002	17	980	19
1003	4	200	22
1004	<1	630	12
1005	<1	1030	8
1006	1	190	19
1007	7	190	53
1008	1	390	10
1009	2	70	43
1010	3	60	42
1011	3	30	70
1012	3	30	97
1013	2	20	42
1014	10	120	18
1015	14	20	12
1016	2	50	7
1017	1	30	<5
1018	2	70	37
1019	14	40	13
1020	10	170	14
1021	19	40	13
1022	50	40	47
1023	19	<20	10
1024	16	50	10
1025	4	<20	16
1026	2	100	52
1027	6	30	7
1028	3	30	46
1029	5	<20	19
1030	1	<20	8
1031	9	50	16
1032	4	20	<5
1033	138	90	122
1034	28	180	28
1035	58	340	25
1036	3	120	<5
1037	5	110	15
1038	55	30	28
1039	4	80	28
1040	2	<20	<5
1041	5	50	60
1042	4	110	72
1043	136	60	69

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Final : TO112517 Order: Project:Dog-Soils

Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
1044	13	160	34
1045	1	40	<5
1046	6	90	11
1047	7	<20	12
1048	8	<20	15
1049	18	70	16
1050	2	140	<5
1051	24	<20	34
1052	32	<20	7
1053	73	<20	28
1054	30	40	22
1055	22	<20	40
1056	12	<20	23
1057	79	20	34
1058	89	<20	32
1059	10	80	15
1060	45	130	37
*Rep 1010	2	160	48
*Rep 1024	13	40	12
*Rep 1031	6	40	17
*Rep 1040	2	30	<5
*Rep 1054	31	70	20
*Std MMISRM16	<1	220	12
*Std AMIS0169	10	160	41
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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Certificate of Analysis

Work Order: TO112518

To: **Wade Carrell**
Tanana Explorations Inc.
27 Tutshi Rd.
WHITEHORSE
YUKON Y1A 3R4

Date: Dec 15, 2010

P.O. No. : Project:Dog-Soils
Project No. : -
No. Of Samples : 59
Date Submitted : Nov 24, 2010
Report Comprises : Pages 1 to 13
(Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days:

Certified By :

Gavin McGill
Operations Manager

SGS Minerals Services (Toronto) is accredited by Standards Council of Canada (SCC) and conforms to the requirements of ISO/IEC 17025 for specific tests as indicated on the scope of accreditation to be found at <http://www.scc.ca/en/programs/lab/mineral.shtml>

Report Footer: L.N.R. = Listed not received I.S. = Insufficient Sample
n.a. = Not applicable -- = No result
*INF = Composition of this sample makes detection impossible by this method
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted
Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
1061	15	61	<10	0.6	20200	<1	380	11	1020	653
1062	45	17	<10	0.4	27200	<1	630	20	351	99
1063	4	95	20	<0.1	24300	<1	110	<1	1080	42
1064	68	8	<10	0.4	28300	<1	670	31	111	83
1065	9	88	10	0.2	12200	<1	230	1	219	41
1066	15	240	<10	<0.1	9670	<1	120	29	244	148
1067	8	96	10	0.7	19600	<1	470	<1	3640	114
1068	11	30	<10	0.7	16000	<1	200	<1	49	33
1069	55	36	<10	0.9	28400	<1	680	4	988	106
1070	36	15	<10	0.5	5620	<1	550	13	35	37
1071	19	20	<10	0.1	9780	<1	410	79	275	86
1072	26	36	<10	0.1	8110	<1	370	160	221	40
1073	40	79	20	0.3	15000	<1	380	272	302	77
1074	1	26	120	0.2	4290	2	240	12	110	435
1075	50	9	20	0.3	5210	<1	400	58	118	134
1076	8	16	20	<0.1	5910	<1	130	24	95	57
1077	28	21	20	<0.1	4280	<1	260	76	154	51
1078	27	13	<10	0.3	3530	<1	370	34	248	34
1079	14	31	150	<0.1	4810	<1	190	16	90	32
1080	48	28	60	0.4	12300	2	210	112	989	205
1081	37	52	<10	0.1	27700	<1	410	3	19	15
1082	6	53	<10	0.2	30100	<1	240	2	1050	45
1083	6	91	<10	0.6	17000	<1	230	2	2510	368
1084	23	19	<10	0.8	14900	<1	600	2	288	23
1085	17	113	<10	1.0	26600	<1	310	1	2300	86
1086	67	6	<10	0.9	24900	<1	780	3	101	50
1087	16	82	<10	0.1	15300	<1	430	13	282	74
1088	5	21	<10	<0.1	6480	<1	340	7	11	57
1089	7	134	30	<0.1	12300	<1	130	11	162	60
1090	16	78	20	1.7	20100	<1	230	7	160	63
1091	19	109	<10	0.1	23600	<1	380	8	131	56
1092	28	97	<10	0.9	16400	<1	590	3	954	153
1093	52	154	<10	<0.1	16000	<1	270	36	62	17
1094	15	157	<10	0.5	18400	<1	180	<1	3090	61
1095	13	95	10	0.9	33800	<1	400	3	3250	156
1096	6	166	<10	0.2	18200	<1	340	1	1130	522
1097	15	48	<10	0.2	18700	<1	470	12	328	62
1098	5	106	<10	0.3	19800	<1	550	5	1150	10
1099	9	69	<10	0.8	32200	<1	640	1	985	40
1100	12	223	10	0.9	20700	<1	350	3	5820	185
1101	4	200	150	0.3	11900	<1	120	3	3360	56
1102	25	80	<10	0.5	32500	<1	580	9	1390	7
1103	19	102	<10	0.2	25800	<1	260	<1	1570	48

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Element Method Det.Lim. Units	Ag MMI-M5 1 ppb	Al MMI-M5 1 ppm	As MMI-M5 10 ppb	Au MMI-M5 0.1 ppb	Ba MMI-M5 10 ppb	Bi MMI-M5 1 ppb	Ca MMI-M5 10 ppm	Cd MMI-M5 1 ppb	Ce MMI-M5 5 ppb	Co MMI-M5 5 ppb
1104	7	98	50	0.1	6570	<1	30	<1	866	43
1105	7	85	20	0.4	25100	<1	180	5	3160	40
1106	16	11	<10	0.3	9720	<1	470	2	14	59
1107	90	12	20	0.4	9870	<1	570	7	7	55
1108	11	134	20	0.3	18300	<1	140	1	2420	266
1109	26	5	<10	0.2	13900	<1	220	8	63	23
1110	4	85	<10	0.1	11700	<1	530	1	487	28
1111	149	17	<10	0.7	14000	<1	820	<1	680	<5
1112	14	41	<10	0.5	8770	<1	750	1	434	9
1113	5	67	<10	0.8	9620	<1	680	3	1460	70
1114	13	70	<10	0.5	7020	<1	800	2	734	26
1115	3930	43	90	3.5	360	<1	170	280	28	9
1117	42100	24	180	15.3	260	<1	140	578	9	<5
1119	1280	81	210	1.1	360	1	240	438	142	42
1121	8750	100	800	1.1	100	2	230	608	424	12
1123	682	43	10	0.3	260	<1	390	439	80	32
*Rep 1068	20	38	<10	0.1	18600	<1	230	1	55	38
*Rep 1082	5	50	<10	0.2	30600	<1	240	2	1130	36
*Rep 1092	25	99	<10	1.2	17100	<1	600	3	1090	158
*Rep 1109	26	5	10	0.2	13400	<1	220	8	58	24
*Rep 1121	9350	99	850	1.0	100	2	240	592	385	12
*Std MMISRM16	26	57	20	27.2	90	<1	260	5	22	80
*Std AMIS0169	9	71	10	0.9	1260	<1	40	2	852	136
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5
*Blk BLANK	<1	<1	<10	<0.1	<10	<1	<10	<1	<5	<5

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
1061	<100	<0.5	880	203	115	52.3	19	6	257	2
1062	<100	<0.5	1310	130	67.9	31.7	6	2	159	<1
1063	<100	1.6	230	71	29.2	22.2	27	8	79	<1
1064	<100	<0.5	1850	40	18.6	12.0	2	<1	54	1
1065	<100	0.7	160	25	11.5	7.2	39	5	30	<1
1066	<100	<0.5	380	113	58.5	18.7	146	6	90	<1
1067	<100	<0.5	580	658	338	188	4	20	852	2
1068	<100	<0.5	80	6	2.6	3.2	15	1	8	<1
1069	<100	<0.5	1490	222	116	51.3	6	4	280	2
1070	<100	<0.5	1490	12	5.7	3.7	7	<1	17	<1
1071	<100	<0.5	1150	37	17.4	10.7	29	2	52	<1
1072	<100	1.1	1080	55	26.1	15.3	34	3	71	<1
1073	<100	<0.5	1930	105	57.9	25.3	63	3	118	<1
1074	<100	<0.5	650	20	12.0	4.9	304	2	22	<1
1075	<100	<0.5	5230	19	10.5	6.0	40	1	25	<1
1076	<100	3.1	510	22	10.6	6.4	22	1	28	<1
1077	<100	1.7	1690	35	16.3	11.0	42	2	48	<1
1078	<100	<0.5	2510	54	26.8	14.2	17	1	69	<1
1079	<100	1.3	570	17	7.0	5.3	75	2	22	<1
1080	<100	1.7	7060	161	78.8	45.7	126	7	201	<1
1081	<100	<0.5	180	5	2.3	3.1	12	1	6	<1
1082	<100	<0.5	260	50	18.1	14.2	6	5	59	<1
1083	<100	<0.5	390	397	220	96.2	14	13	445	<1
1084	<100	<0.5	790	97	45.5	25.8	10	2	129	<1
1085	<100	<0.5	710	672	394	154	14	14	765	1
1086	<100	<0.5	1070	64	28.3	15.6	2	<1	78	3
1087	<100	<0.5	750	77	46.2	14.3	34	3	71	<1
1088	<100	<0.5	110	2	0.8	1.0	10	1	3	<1
1089	<100	2.5	200	15	6.7	5.5	67	10	19	<1
1090	<100	1.5	460	22	9.7	7.4	40	5	28	<1
1091	<100	<0.5	260	18	8.3	5.9	43	3	22	<1
1092	<100	<0.5	600	134	65.8	28.1	10	5	150	1
1093	<100	0.8	160	11	5.6	3.9	42	7	13	<1
1094	<100	0.6	320	497	275	122	16	18	547	<1
1095	<100	<0.5	870	509	298	116	6	14	604	4
1096	<100	<0.5	240	72	33.5	18.4	16	6	83	<1
1097	<100	<0.5	430	68	33.1	19.4	14	3	91	<1
1098	<100	<0.5	490	221	115	60.7	13	7	277	<1
1099	<100	<0.5	860	327	192	66.9	6	6	353	6
1100	<100	<0.5	700	891	468	225	9	29	1010	<1
1101	<100	<0.5	380	274	130	70.1	57	21	317	<1
1102	<100	<0.5	930	312	175	85.9	8	8	415	2
1103	<100	<0.5	390	203	90.6	53.1	13	10	258	<1

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Element Method Det.Lim. Units	Cr MMI-M5 100 ppb	Cs MMI-M5 0.5 ppb	Cu MMI-M5 10 ppb	Dy MMI-M5 1 ppb	Er MMI-M5 0.5 ppb	Eu MMI-M5 0.5 ppb	Fe MMI-M5 1 ppm	Ga MMI-M5 1 ppb	Gd MMI-M5 1 ppb	Hg MMI-M5 1 ppb
1104	<100	1.6	350	46	16.4	13.8	34	8	53	<1
1105	<100	<0.5	350	385	211	104	10	17	555	2
1106	<100	<0.5	230	4	1.8	1.8	8	<1	6	<1
1107	<100	<0.5	280	1	0.7	1.0	14	<1	2	<1
1108	<100	0.8	310	255	117	57.2	31	14	264	<1
1109	<100	<0.5	330	13	5.9	5.2	4	<1	20	1
1110	<100	1.0	970	71	36.6	16.6	7	4	79	<1
1111	<100	<0.5	1930	345	187	73.6	7	5	398	3
1112	<100	<0.5	1000	139	77.6	33.6	10	4	153	<1
1113	<100	<0.5	780	235	125	54.0	12	7	246	<1
1114	<100	<0.5	280	64	30.7	18.5	15	4	81	<1
1115	<100	10.4	1370	40	24.7	15.6	9	2	36	<1
1117	<100	3.5	270	6	5.9	5.7	6	1	6	5
1119	<100	6.0	8180	22	12.8	6.1	56	5	20	<1
1121	<100	4.3	340	41	24.9	14.3	71	6	41	<1
1123	<100	1.3	420	15	9.0	4.2	15	2	16	<1
*Rep 1068	<100	<0.5	100	8	3.0	3.6	17	2	10	<1
*Rep 1082	<100	<0.5	270	54	19.1	15.4	5	5	64	<1
*Rep 1092	<100	<0.5	610	127	61.1	27.9	8	5	153	1
*Rep 1109	<100	<0.5	320	13	6.1	4.9	4	<1	19	1
*Rep 1121	<100	4.1	390	40	24.6	14.7	76	6	41	<1
*Std MMISRM16	<100	12.1	850	3	1.2	1.4	2	<1	5	19
*Std AMIS0169	100	8.1	4500	29	12.4	11.5	52	19	44	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1
*Blk BLANK	<100	<0.5	<10	<1	<0.5	<0.5	<1	<1	<1	<1

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Element Method Det.Lim. Units	In MMI-M5 0.5 ppb	K MMI-M5 0.1 ppm	La MMI-M5 1 ppb	Li MMI-M5 5 ppb	Mg MMI-M5 1 ppm	Mn MMI-M5 10 ppb	Mo MMI-M5 5 ppb	Nb MMI-M5 0.5 ppb	Nd MMI-M5 1 ppb	Ni MMI-M5 5 ppb
1061	<0.5	4.9	364	<5	120	27600	<5	<0.5	701	1340
1062	<0.5	3.2	121	35	173	7540	<5	<0.5	291	1540
1063	<0.5	9.4	606	<5	40	800	<5	2.0	416	95
1064	<0.5	2.6	23	10	224	3320	11	<0.5	79	569
1065	<0.5	15.3	106	<5	50	1300	<5	0.9	102	105
1066	<0.5	8.6	80	<5	34	2690	<5	0.9	219	396
1067	<0.5	5.1	1390	<5	134	570	<5	<0.5	2620	521
1068	<0.5	46.1	22	<5	49	700	<5	<0.5	30	88
1069	<0.5	3.4	180	7	159	5790	<5	<0.5	472	1700
1070	<0.5	2.5	13	<5	93	1800	6	<0.5	36	861
1071	<0.5	29.8	86	6	83	6310	6	<0.5	161	919
1072	<0.5	17.3	76	14	81	3990	<5	0.6	164	1910
1073	<0.5	54.9	127	<5	128	4820	<5	<0.5	253	3630
1074	<0.5	12.1	39	<5	76	22900	43	1.3	73	1820
1075	<0.5	12.4	41	6	115	14900	43	0.5	82	984
1076	<0.5	37.7	50	6	31	3730	<5	0.9	85	308
1077	<0.5	15.1	69	10	46	3920	8	<0.5	138	1050
1078	<0.5	2.7	91	<5	324	1300	<5	<0.5	181	905
1079	<0.5	27.9	35	9	66	800	11	0.5	65	221
1080	<0.5	7.2	419	6	141	3540	11	1.1	648	1070
1081	<0.5	151	9	<5	68	570	<5	<0.5	14	133
1082	<0.5	8.6	301	<5	84	3230	<5	<0.5	264	251
1083	<0.5	5.5	907	<5	107	19900	<5	<0.5	1420	634
1084	<0.5	3.9	121	5	236	670	<5	<0.5	266	581
1085	<0.5	3.7	860	<5	109	2550	<5	<0.5	1720	685
1086	<0.5	1.3	37	13	176	1750	<5	<0.5	106	434
1087	<0.5	8.6	70	<5	61	12000	<5	<0.5	125	1100
1088	<0.5	13.3	3	<5	40	3260	<5	<0.5	6	67
1089	<0.5	24.0	80	<5	18	4750	<5	1.7	78	141
1090	<0.5	32.8	65	<5	56	4400	11	1.0	88	176
1091	<0.5	12.3	52	<5	76	3720	<5	<0.5	70	258
1092	<0.5	1.8	305	<5	182	2400	<5	<0.5	381	767
1093	<0.5	43.3	23	<5	28	6890	<5	0.7	37	197
1094	<0.5	5.9	1260	<5	82	3400	<5	<0.5	1940	627
1095	<0.5	4.0	835	<5	184	9220	<5	<0.5	1540	1450
1096	<0.5	4.0	531	<5	87	4110	<5	<0.5	387	451
1097	<0.5	38.3	123	<5	146	2750	<5	<0.5	246	504
1098	<0.5	11.4	408	<5	140	860	<5	<0.5	756	1280
1099	<0.5	2.9	366	<5	218	1020	<5	<0.5	692	960
1100	<0.5	4.8	2170	<5	109	2990	<5	<0.5	3560	763
1101	<0.5	13.0	1550	<5	37	3600	7	8.8	1500	165
1102	<0.5	2.2	547	<5	131	900	<5	<0.5	1100	1580
1103	<0.5	5.2	763	<5	74	140	<5	<0.5	956	167

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Element Method Det.Lim. Units	In MMI-M5 ppb	K MMI-M5 ppm	La MMI-M5 ppb	Li MMI-M5 ppb	Mg MMI-M5 ppm	Mn MMI-M5 ppb	Mo MMI-M5 ppb	Nb MMI-M5 ppb	Nd MMI-M5 ppb	Ni MMI-M5 ppb
1104	<0.5	10.9	355	<5	3	7500	7	2.9	237	30
1105	<0.5	8.8	1730	<5	72	3790	<5	<0.5	2430	586
1106	<0.5	7.5	7	<5	53	2110	18	<0.5	14	102
1107	<0.5	40.6	5	<5	40	2420	10	<0.5	6	140
1108	<0.5	11.1	1150	<5	41	1820	<5	1.1	1070	222
1109	<0.5	22.3	42	<5	7	3350	<5	<0.5	71	49
1110	<0.5	4.2	232	<5	137	210	<5	<0.5	260	44
1111	<0.5	2.6	358	9	282	200	<5	<0.5	770	216
1112	<0.5	4.3	194	<5	210	220	<5	<0.5	339	311
1113	<0.5	2.6	583	6	209	440	<5	<0.5	762	362
1114	<0.5	15.1	238	6	225	1510	<5	<0.5	302	365
1115	<0.5	8.5	62	<5	4	25000	8	<0.5	100	187
1117	<0.5	2.1	10	<5	3	21500	6	<0.5	19	110
1119	<0.5	11.9	63	<5	3	24000	<5	1.7	81	180
1121	<0.5	9.0	121	<5	5	30200	<5	2.0	187	219
1123	<0.5	6.7	37	<5	6	6260	<5	<0.5	59	257
*Rep 1068	<0.5	52.7	25	<5	55	1010	<5	0.5	34	120
*Rep 1082	<0.5	8.5	308	<5	86	2210	<5	<0.5	275	252
*Rep 1092	<0.5	2.1	314	<5	178	2420	<5	<0.5	386	680
*Rep 1109	<0.5	20.7	40	<5	7	3370	<5	<0.5	69	51
*Rep 1121	<0.5	8.6	131	<5	5	29700	<5	2.1	193	214
*Std MMISRM16	<0.5	44.8	5	<5	47	160	48	<0.5	18	364
*Std AMIS0169	<0.5	47.1	466	<5	40	4460	<5	3.0	377	510
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5
*Blk BLANK	<0.5	<0.1	<1	<5	<1	<10	<5	<0.5	<1	<5

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
1061	0.2	160	<1	138	<1	11	1	82	198	<1
1062	0.2	190	<1	48	<1	6	<1	14	99	<1
1063	0.6	450	<1	112	<1	129	1	116	78	<1
1064	0.1	80	<1	12	<1	5	<1	11	34	<1
1065	1.1	140	<1	24	<1	106	<1	33	23	<1
1066	2.2	350	<1	41	<1	6	<1	91	63	<1
1067	<0.1	420	<1	524	<1	12	<1	310	740	<1
1068	1.6	110	<1	6	<1	55	<1	9	7	<1
1069	0.2	240	<1	80	<1	<5	<1	38	178	<1
1070	<0.1	10	<1	6	<1	10	<1	6	12	<1
1071	0.7	110	<1	33	<1	23	<1	9	45	<1
1072	0.4	100	<1	31	<1	41	1	18	51	<1
1073	0.4	310	<1	50	<1	20	2	63	83	<1
1074	1.1	90	<1	15	<1	15	13	50	20	<1
1075	0.4	90	<1	16	<1	8	6	16	21	<1
1076	1.7	140	<1	18	<1	36	1	12	25	<1
1077	0.9	90	<1	27	<1	45	2	13	40	<1
1078	<0.1	50	<1	34	<1	11	<1	21	51	<1
1079	2.7	160	<1	14	<1	45	4	15	18	<1
1080	0.8	680	<1	143	<1	66	12	155	169	<1
1081	0.2	220	<1	3	<1	44	<1	5	4	<1
1082	0.2	170	<1	64	<1	55	<1	50	48	<1
1083	<0.1	270	<1	297	<1	53	<1	382	370	<1
1084	<0.1	110	<1	47	<1	7	<1	31	86	<1
1085	<0.1	510	<1	320	<1	27	<1	381	532	<1
1086	<0.1	40	<1	17	<1	<5	<1	16	45	<1
1087	0.2	100	<1	25	<1	12	<1	68	43	<1
1088	0.3	20	<1	1	<1	23	<1	<5	2	<1
1089	7.1	190	<1	19	<1	118	1	38	18	2
1090	1.8	110	<1	19	<1	153	1	43	23	<1
1091	0.7	300	<1	15	<1	61	<1	35	18	2
1092	<0.1	1080	<1	76	<1	11	<1	214	110	<1
1093	3.8	220	<1	8	<1	95	<1	39	10	<1
1094	0.2	440	<1	414	<1	106	<1	522	498	<1
1095	<0.1	400	<1	296	<1	25	<1	206	448	<1
1096	<0.1	1100	<1	99	<1	67	<1	110	70	<1
1097	0.5	180	<1	46	<1	20	<1	18	71	<1
1098	<0.1	100	<1	148	<1	<5	<1	107	221	5
1099	<0.1	240	<1	125	<1	<5	<1	116	225	<1
1100	<0.1	560	<1	739	<1	13	<1	504	898	1
1101	0.6	2230	<1	371	<1	42	5	311	293	6
1102	<0.1	120	<1	209	<1	21	<1	63	322	<1
1103	0.1	290	<1	214	<1	81	<1	167	214	1

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Element Method Det.Lim. Units	P MMI-M5 0.1 ppm	Pb MMI-M5 10 ppb	Pd MMI-M5 1 ppb	Pr MMI-M5 1 ppb	Pt MMI-M5 1 ppb	Rb MMI-M5 5 ppb	Sb MMI-M5 1 ppb	Sc MMI-M5 5 ppb	Sm MMI-M5 1 ppb	Sn MMI-M5 1 ppb
1104	3.3	260	<1	64	<1	201	2	141	51	2
1105	0.3	310	<1	542	<1	31	2	110	543	1
1106	0.2	20	<1	2	<1	17	<1	<5	5	4
1107	2.3	20	<1	1	<1	35	<1	<5	2	<1
1108	0.6	670	<1	260	<1	99	<1	308	224	2
1109	0.2	80	<1	15	<1	12	<1	9	18	5
1110	<0.1	200	<1	56	<1	72	<1	63	58	2
1111	<0.1	20	<1	132	<1	9	<1	206	258	<1
1112	<0.1	50	<1	62	<1	7	<1	152	99	<1
1113	<0.1	110	<1	161	<1	10	<1	197	186	<1
1114	<0.1	130	<1	65	<1	12	<1	40	67	<1
1115	0.7	20	<1	21	<1	96	2	15	26	5
1117	0.4	160	<1	4	<1	25	2	<5	7	3
1119	1.5	11900	<1	20	<1	88	3	30	20	14
1121	1.4	6150	<1	45	<1	81	5	39	42	45
1123	0.5	170	<1	13	<1	51	<1	13	14	<1
*Rep 1068	1.5	130	<1	7	<1	57	<1	8	8	<1
*Rep 1082	0.1	170	<1	66	<1	51	<1	51	49	<1
*Rep 1092	<0.1	960	<1	78	<1	11	<1	175	110	1
*Rep 1109	0.2	90	<1	14	<1	11	<1	8	17	1
*Rep 1121	1.4	7100	<1	47	<1	80	7	38	44	48
*Std MMISRM16	0.2	150	33	3	<1	362	<1	12	6	<1
*Std AMIS0169	2.5	120	<1	103	<1	264	<1	63	62	1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1
*Blk BLANK	<0.1	<10	<1	<1	<1	<5	<1	<5	<1	<1

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
1061	2690	<1	36	<10	9.6	4	<0.5	38	<1	1170
1062	3460	<1	22	<10	21.4	11	<0.5	28	<1	716
1063	860	<1	13	<10	54.1	652	<0.5	16	<1	375
1064	3290	<1	7	<10	8.7	6	<0.5	49	<1	223
1065	1170	<1	5	<10	15.3	338	<0.5	9	<1	165
1066	1070	<1	17	<10	36.0	256	<0.5	23	<1	630
1067	3300	<1	119	<10	24.8	4	<0.5	95	2	3440
1068	1680	<1	1	<10	19.2	139	<0.5	6	<1	30
1069	3340	<1	39	<10	28.6	6	<0.5	90	<1	1290
1070	1880	<1	2	<10	8.1	4	<0.5	116	<1	77
1071	2230	<1	7	<10	41.2	17	<0.5	139	<1	208
1072	2180	<1	10	<10	23.9	115	<0.5	127	<1	320
1073	2330	<1	18	<10	37.8	27	<0.5	234	<1	643
1074	1450	<1	3	<10	32.5	178	<0.5	100	<1	128
1075	1480	<1	4	<10	36.9	18	<0.5	58	2	127
1076	700	<1	4	<10	24.9	42	<0.5	24	<1	125
1077	1340	<1	7	<10	39.5	46	<0.5	91	<1	207
1078	1510	<1	10	<10	25.5	15	<0.5	41	<1	337
1079	1260	<1	3	<10	26.1	71	<0.5	28	<1	70
1080	1230	<1	30	<10	134	156	<0.5	224	<1	965
1081	2700	<1	<1	<10	6.2	4	<0.5	4	<1	24
1082	1830	<1	9	<10	27.7	41	<0.5	17	<1	288
1083	1800	<1	68	<10	30.3	9	<0.5	51	1	2300
1084	3440	<1	18	<10	16.8	5	<0.5	83	<1	526
1085	2100	<1	112	<10	26.0	9	<0.5	61	2	3860
1086	4410	<1	12	<10	14.5	<3	<0.5	40	<1	310
1087	2340	<1	12	<10	18.0	8	<0.5	120	<1	440
1088	1450	<1	<1	<10	5.0	38	<0.5	2	<1	8
1089	480	<1	3	<10	28.6	592	<0.5	7	<1	80
1090	1370	<1	4	<10	22.4	362	<0.5	21	<1	115
1091	2390	<1	3	<10	18.3	82	<0.5	8	<1	105
1092	3540	<1	22	<10	37.8	4	<0.5	29	<1	801
1093	1460	<1	2	<10	8.7	200	<0.5	6	<1	69
1094	1280	<1	85	<10	30.3	153	<0.5	43	1	3050
1095	3290	<1	87	<10	19.8	12	<0.5	22	1	3180
1096	2020	<1	13	<10	87.4	58	<0.5	21	<1	552
1097	2970	<1	13	<10	19.1	8	<0.5	31	<1	403
1098	2970	<1	39	<10	18.0	5	<0.5	67	<1	1390
1099	3990	<1	53	<10	15.0	4	<0.5	102	<1	2040
1100	2670	<1	154	<10	47.8	21	<0.5	168	2	5240
1101	990	<1	51	<10	155	2400	<0.5	46	2	1750
1102	3810	<1	56	<10	15.5	8	<0.5	28	<1	2080
1103	2090	<1	38	<10	32.4	48	<0.5	92	<1	1300

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Element Method Det.Lim. Units	Sr MMI-M5 10 ppb	Ta MMI-M5 1 ppb	Tb MMI-M5 1 ppb	Te MMI-M5 10 ppb	Th MMI-M5 0.5 ppb	Ti MMI-M5 3 ppb	Tl MMI-M5 0.5 ppb	U MMI-M5 1 ppb	W MMI-M5 1 ppb	Y MMI-M5 5 ppb
1104	270	<1	9	<10	55.4	1020	0.6	31	3	225
1105	1360	<1	75	<10	93.4	64	<0.5	37	1	2500
1106	2510	<1	<1	<10	17.0	6	<0.5	16	<1	19
1107	2800	<1	<1	<10	3.1	17	<0.5	7	<1	8
1108	1000	<1	45	<10	54.3	471	<0.5	35	<1	1560
1109	710	<1	3	<10	11.1	7	<0.5	4	<1	83
1110	4950	<1	12	<10	14.0	6	<0.5	11	<1	516
1111	6410	<1	58	<10	13.9	5	<0.5	47	<1	2170
1112	5160	<1	23	<10	7.8	8	<0.5	26	<1	843
1113	5020	<1	39	<10	20.7	8	<0.5	37	<1	1480
1114	5000	<1	12	<10	28.8	6	<0.5	18	<1	391
1115	200	<1	6	<10	93.4	6	<0.5	42	4	260
1117	150	<1	<1	<10	4.7	<3	<0.5	62	6	89
1119	170	<1	4	<10	75.1	242	<0.5	33	2	122
1121	240	<1	7	<10	40.4	316	<0.5	59	3	258
1123	550	<1	2	<10	29.2	61	<0.5	17	<1	103
*Rep 1068	1930	<1	2	<10	19.0	146	<0.5	7	<1	36
*Rep 1082	1860	<1	10	<10	26.9	18	<0.5	19	<1	310
*Rep 1092	3500	<1	22	<10	32.2	8	<0.5	30	<1	752
*Rep 1109	690	<1	2	<10	10.4	7	<0.5	4	<1	79
*Rep 1121	250	<1	7	<10	40.8	346	<0.5	56	3	259
*Std MMISRM16	610	<1	<1	<10	25.4	<3	<0.5	45	<1	13
*Std AMIS0169	100	<1	7	<10	75.4	447	1.4	24	1	131
*Blk BLANK	<10	<1	<1	<10	<0.5	<3	<0.5	<1	<1	<5
*Blk BLANK	<10	<1	<1	<10	0.5	<3	<0.5	<1	<1	<5

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Element	Yb	Zn	Zr
Method	MMI-M5	MMI-M5	MMI-M5
Det.Lim.	1	20	5
Units	ppb	ppb	ppb
1061	90	100	24
1062	44	170	14
1063	19	40	80
1064	12	100	15
1065	6	50	33
1066	40	260	53
1067	240	<20	45
1068	1	40	25
1069	78	30	25
1070	4	<20	11
1071	13	1450	31
1072	19	2520	41
1073	44	1580	66
1074	11	410	81
1075	9	280	51
1076	9	590	35
1077	13	1420	49
1078	19	70	32
1079	5	460	43
1080	58	1680	227
1081	1	20	7
1082	9	70	50
1083	159	100	30
1084	27	30	18
1085	302	40	27
1086	19	40	20
1087	33	140	41
1088	<1	70	7
1089	5	160	66
1090	6	180	44
1091	6	130	23
1092	40	30	34
1093	4	320	38
1094	226	60	25
1095	238	70	35
1096	21	30	63
1097	21	120	31
1098	87	140	30
1099	140	20	20
1100	345	30	65
1101	86	80	229
1102	130	110	43
1103	55	<20	30

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was (were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativity of the goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted. The findings report on the samples provided by the client and are not intended for commercial or contractual settlement purposes. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Final : TO112518 Order: Project:Dog-Soils

Element Method Det.Lim. Units	Yb	Zn	Zr
	MMI-M5	MMI-M5	MMI-M5
	1	20	5
	ppb	ppb	ppb
1104	10	40	98
1105	182	40	36
1106	1	50	10
1107	<1	110	<5
1108	72	40	55
1109	5	60	7
1110	22	<20	29
1111	118	<20	25
1112	59	30	28
1113	85	<20	40
1114	21	<20	27
1115	23	76100	52
1117	7	49600	16
1119	14	24300	46
1121	23	33500	40
1123	9	21700	10
*Rep 1068	2	50	23
*Rep 1082	9	90	47
*Rep 1092	37	30	34
*Rep 1109	4	60	7
*Rep 1121	22	33600	41
*Std MMISRM16	<1	300	14
*Std AMIS0169	10	250	52
*Blk BLANK	<1	<20	<5
*Blk BLANK	<1	<20	<5

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APPENDIX D

STATEMENT OF QUALIFICATIONS

I, Ivan Elash of #6 – 156 Hillcrest Dr.; Whitehorse, Yukon Y1A 4N4
DO HEREBY CERTIFY:

1. THAT I am a Prospector working independently in Whitehorse, Yukon and that I am a Canadian citizen over the age of nineteen with no net income from mineral production.
2. THAT I have successfully completed the Yukon Chamber of Mines Basic Prospecting Course (1993) and the Advanced Prospecting Course (1994), etc.
3. THAT I have been engaged in mineral exploration and mining for 17 years in the Yukon and have work extensively on both hard-rock and placer projects for myself and in the past for 15053 Yukon Inc. and for Tanana Exploration Inc., of Whitehorse and for Klondike Gold Corporation and CMC Metals Ltd., of Vancouver, B.C.
4. THAT this proposal is based in part on research that I have completed and discussed with Jeff Bond, Robert Deklerk and Karen Pelletier geologists with the Yukon Geological Survey.
5. THAT I have personally undertaken and supervised the exploration work outlined herein.

SIGNED at Whitehorse; Yukon Territory, this 14nd day of November 2011.



Ivan Elash – Prospector
#6 – 156 Hillcrest Drive
Whitehorse, Yukon Y1A 4N4