# GEOCHEMISTRY & PROSPECTING

## Mount Cameron Area

## THE CLARK / CAM PROPERTY

**MAYO MINING DISTRICT**
**N. T. S. 106D/ 2**

**LATITUDE: 64 30' N**
**LONGITUDE: 134 57' W**

**OWNER: TANANA EXPLORATION INC.**

BY: Wade Carrell – President
TANANA EXPLORATION INC.
27 Tutshi Road
Whitehorse, Yukon Y1A 3R4

DATE: JANUARY 10, 2010

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# CHAPTER ONE: INTRODUCTION

## INTRODUCTORY STATEMENT

A reconnaissance prospecting and MMI soil sampling survey was conducted in conjunction with an ICP soil survey (near the Paul Showing), on the Cam Claims in July, 2009, by personnel of Tanana Exploration Inc. Additional test pits were to be dug and sampled in August or September, 2009, to enhance the initial survey. Phase two of the program was canceled due to time constraints. The property, which is located on the northwest side of the Davidson Range, is owned by Tanana Exploration Inc. and is being explored for VMS potential.

## PROPERTY LOCATION AND ACCESS

The property (see figure 1), which consists of one hundred six contiguous quartz claims, located 30 kilometers northeast of Keno in the Mayo Mining District, covers Mount Cameron and the area south of Clark Lakes, on NTS map sheet 106D/2. The property is currently accessible by rotary wing aircraft from Mayo, a winter road from McQueston Lake and a cat road from Rambler Hill, Yukon.

## PROPERTY AND REGIONAL GEOLOGY

The area lies near the north-central boundary of the Selwyn Basin, west of ancestral North America (see figure 2). Regionally the area consists of three major tectonostratigraphic elements. These elements are, from north to south: Middle-Proterozoic shelf sequence carbonate rocks of the Wernecke Supergroup (that are unconformably overlain by Lower to Middle Paleozoic carbonate shelf sedimentary rocks); Upper Proterozoic to Lower Cambrian off-shelf rocks of the Hyland Group; and Devonian to Mississippian rocks of the Earn Group and Keno Hill Quartzite.

Three major fault structures control the geometry of the major stratigraphic units. The northern-most fault, the Dawson Thrust, separates off-shelf rocks of the Selwyn Basin (Keno Hill Quartzite, Earn Group and Hyland Group) from shelf rocks of the Wernecke Supergroup. The central Tombstone Thrust imbricates rocks of the Keno Hill Quartzite and Earn Group, host of the Marg Deposit (15 kilometers to the southeast of Clark/Cam). The southern-most fault, the Robert Service Thrust carries rocks of the Hyland Group, which host the Clark and Cameron occurrences, onto the Earn Group and Keno Hill Quartzite. Only the latter two fault structures are present in the vicinity of the Clark/Cam Property.

Rocks in the area have been deformed by at least two and locally three, phases of deformation. The structures are composed of varying degrees of ductile and brittle deformation, compatible with the lower-middle greenschist facies metamorphic grade of the region and vary depending on proximity to the thrust faults. Deformation, metamorphisim and imbrications of the varying stratigraphic units occurred during Jurassic to Early Cretaceous (190 – 120 million years ago).

The claimed area, lies within one of several thrust panels and is underlain by a northwest-southeast striking, moderately to steeply southeast dipping sequence of quartzite, phylite and limestone of the Hyland Group.

# Clark Cam Location Map

## Legend

- Yukon Border - Surveyed
- Quartz Claims
  - Active
  - Expired
- 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)
- Land and Sea
  - Ocean
  - Yukon
  - Other
- Places (All)
  - City
  - Town
  - Municipality
  - Village
  - Community
  - Settlement
  - Native Settle
  - Hamlet
  - Historic Site

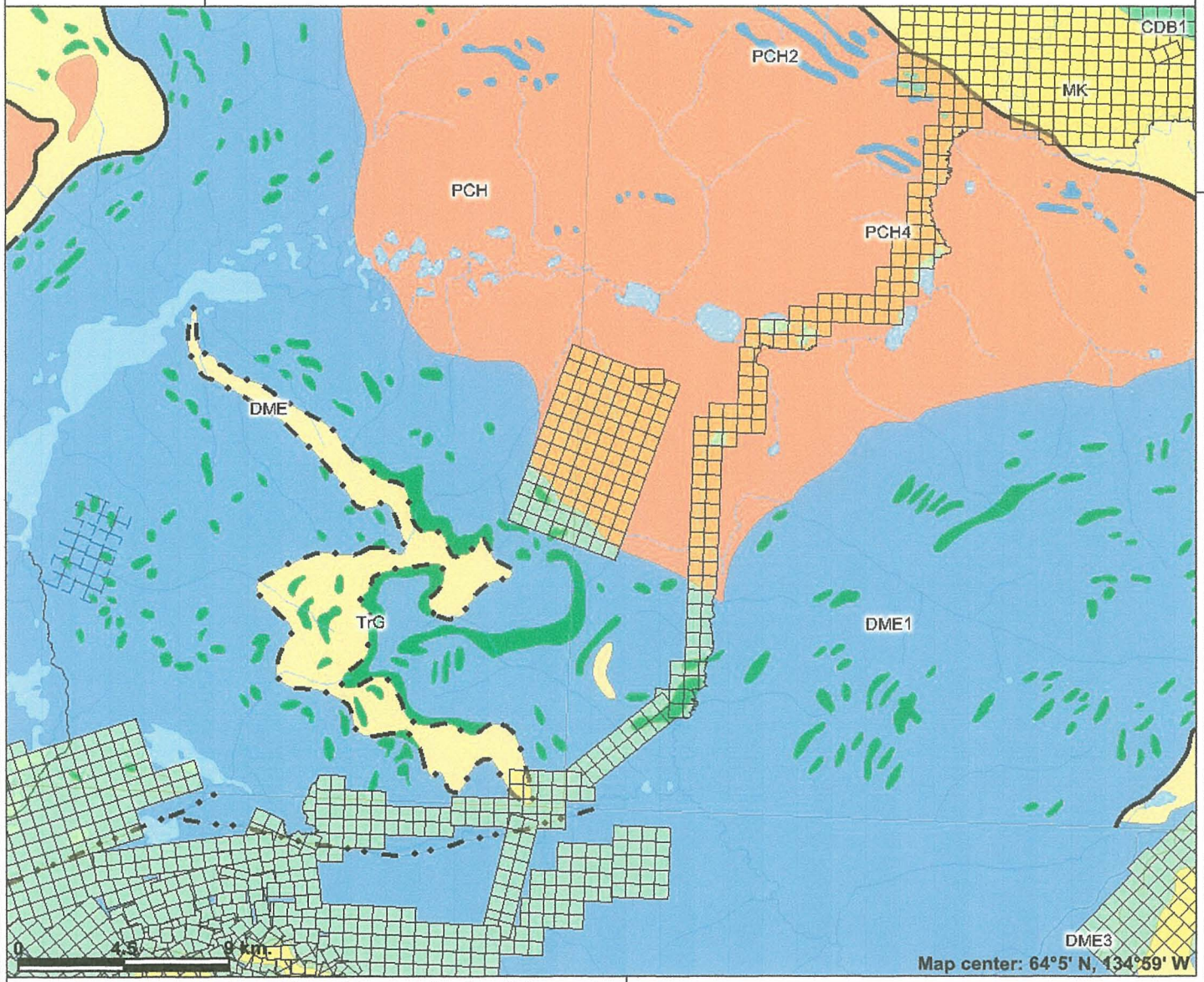
0 4.5 9 km.

Map center: 64°6' N, 134°50' W

N

Scale: 1:254,324

# Clark Cam Regional Geology Map




## Legend

- Yukon Border - Surveyed

**Quartz Claims**

- Active
- Expired

**Faults (250K)**

- defined
- approximate
- assumed
- extrapolated
- defined
- extrapolated
- defined
- approximate
- assumed
- extrapolated
- defined
- approximate
- assumed
- extrapolated
- defined
- approximate
- assumed
- extrapolated

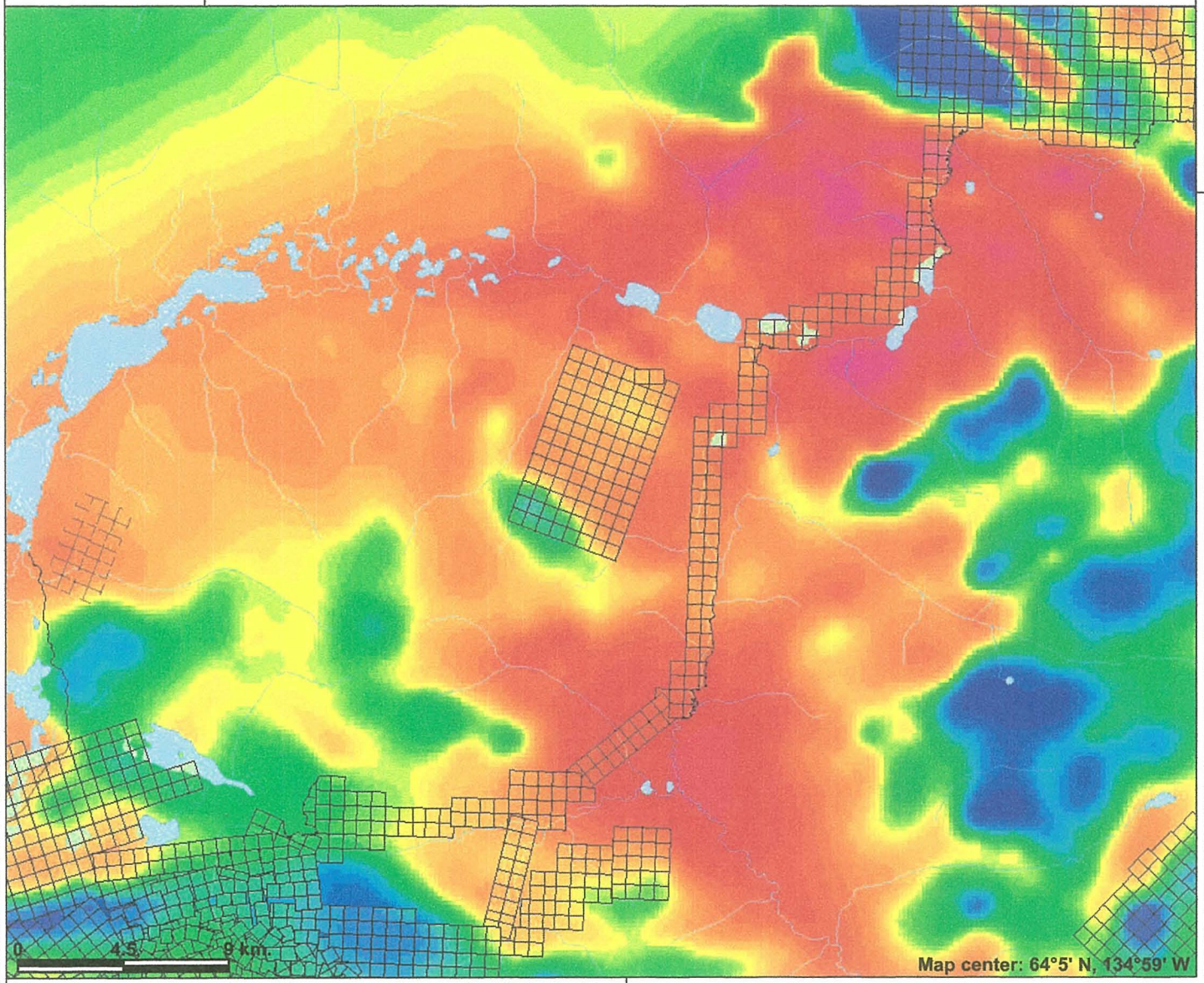
**National Road Network - All Roads**

- Expressway / Highway
- Arterial
- Collector
- Ramp
- Resource / Recreation
- Local / Street
- Local / Strata
- Local / Unknown
- Alley or Service Lane
- Service Lane
- Winter

N

Scale: 1:254,324

# Clark Cam Geophysical Map




## Legend

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

N

Scale: 1:254,324

## MINERALIZATION

Mineralization at both occurrences, (located 4.8 kilometers apart) is remarkably similar and in both cases trends north-northeast and dips steeply to the east-southeast. Fault brecciated limestone is an important host in both cases; at the Cameron Showing mineralization is found along a strong zone of faulting, while at the Clark Deposit mineralization is in the form of a feeder vein (probably fault controlled) and a manto replacing a graphitic horizon in limestone.

In both cases galena and sphalerate occur with arsenopyrite, chalcopyrite and pyrite in a gangue of manganese oxide, siderite and calcite. A character sample collected from the Cameron oxide zone by the author in 2009 assayed 26.42 oz/ton silver, 14.8% lead, 10.4% zinc and 3.45% copper. Drilled reserves calculated for the Clark Deposit total 327,373 tons grading 9 oz/ton silver, 5.6% lead, and 4.6% zinc. While this figure has not been updated in accordance with National Instrument 43-101 standards, it is considered reliable and relevant and conforms to the definition of an indicated and inferred mineral resource.

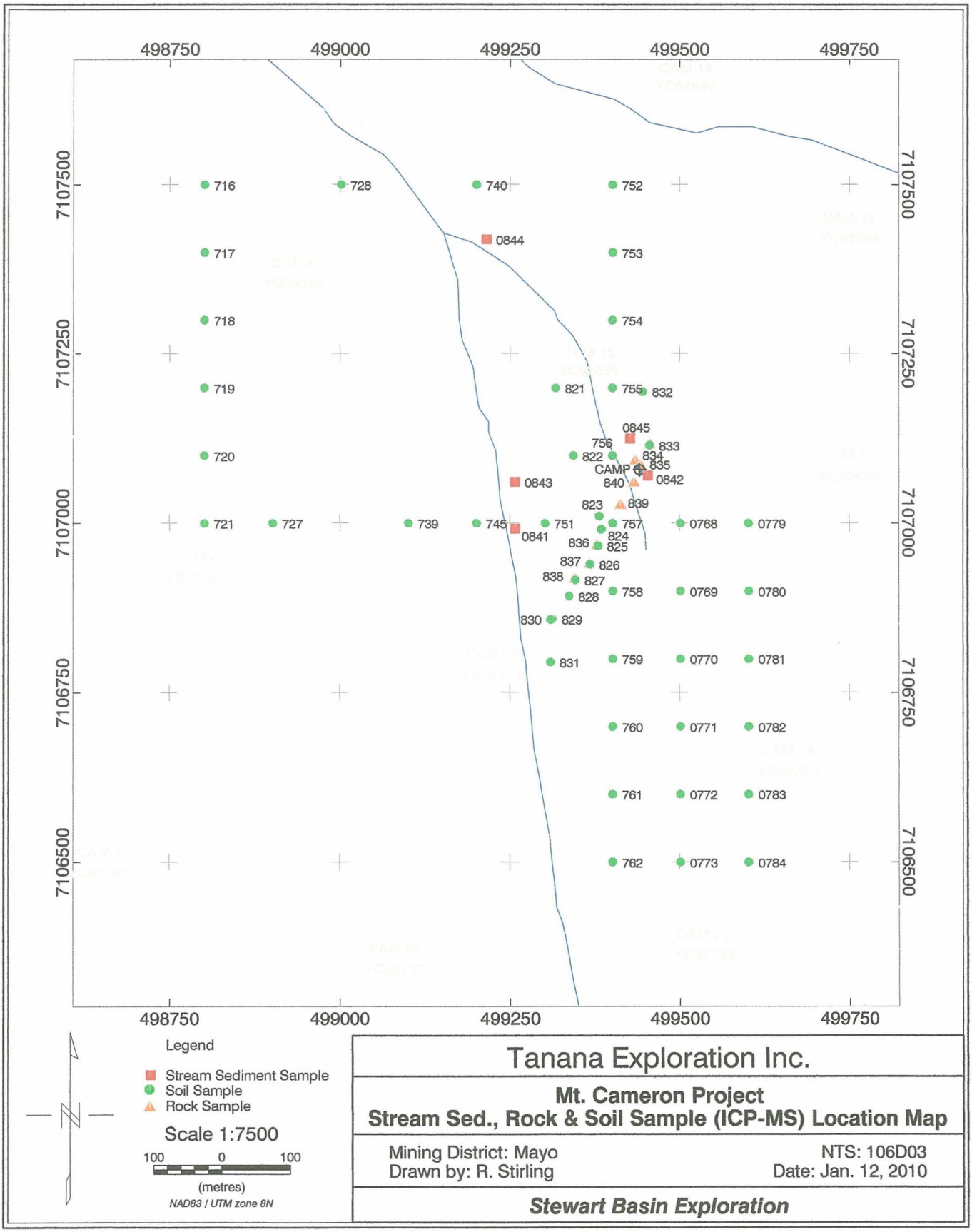
## PREVIOUS EXPLORATION

The Cameron occurrence was staked in 1917 and saw trenching and adit - Development, over the next few years and was mapped by the GSC of Canada in 1921(Minfile Occurrence #106D 012). Further development took place in the late 1940s and early 1950s before the property was taken to lease in 1956. The lease was taken over by Falconbridge who held the property until 2000 when the lease was allowed to lapse. Tanana Exploration Inc. re-staked the occurrence in February of 2001. Noranda Inc. optioned the property in 2001, drilled three shallow holes and dropped the option the same year. No further work was done in this area until July of 2009 by Tanana Expl.

The Clark Deposit (Minfile Occurrence 106D 011), was discovered and staked in 1967. Extensive exploration including geological, geochemical, geophysical, diamond drilling, road construction, cat-stripping, trenching and underground development was carried out from 1968 to 1974 by various operators. In 1987 NDU Resources optioned the Clark Deposit and carried out mapping, sampling and diamond drilling on the deposit over two years. Manson Creek Resources re-staked the Clark deposit in 1997. The claims lapsed and were re-staked by Tanana Exploration Inc. in 2002. In 2004, Tanana Expl., consolidated the area surrounding both occurrences into a single contiguous claim block. The company carried out prospecting, geochemical sampling, GPS surveying, etc. This work is described in a report filed in June, 2005.

## DESCRIPTION AND SUMMARY OF WORK

A total of 24 man-days were spent prospecting and sampling the Cam - claims and preparing and shipping the samples for analysis. On July 27$^{th}$ hand digging of test pits commenced. Five grid lines were run perpendicular to the base line. The base line runs across Alverson Gulch, west to east for 900 meters. Samples were collected at 100 meter stations on the base line. Grid line #1 extends 500 meters north of sample # 0721. Grid line #2 extends 500 meters north of base line sample # 0757. The #3, 4 & 5 grid lines extend 500 meters south of the base




# Tanana Exploration Inc.

## Mt. Cameron Project
## Stream Sed., Rock & Soil Sample (ICP-MS) Location Map

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 12, 2010

***Stewart Basin Exploration***

line from sample #0757, 0768 and 0779 respectively. ICP and MMI soil samples were collected at 100 meter stations on the grid lines. ICP and MMI pit sampling on the grid commenced on July 27th and was completed on July 31st.

Two man days were spent hiking out to the McQueston road after we were abandoned by a helicopter company from Surrey, B. C. I GPS surveyed the cat road from Mount Cameron.

We returned to Mt. Cameron with Heli Dynamics on August 3rd. Rock and stream sediment sampling commenced on August 3rd and was completed on August 5th. Eight ICP rock and five ICP stream sediment samples were taken. One 30 kilo alluvial gravel sample was taken from the gulch creek. Twenty six additional ICP and MMI soils were taken from the area of the surface mineralization as well. August 6th was spent prospecting the creek drainage east of Alverson Gulch. August 7th, we closed up camp at Mt. Cameron, returned to Mayo with Heli Dynamics and drove back to Whitehorse.

Mobile metal ion soil sampling was carried out in accordance with techniques outlined by J. Bond of the Yukon Geological Survey. A total of 48 soil samples were collected for the initial MMI survey. A total of 48 ICP soil samples were collected for comparison to the MMI survey. Eight rock samples were collected. Five stream sediment samples were taken from the two creeks on this part of the claim block. One bulk gravel sample was taken from the gulch creek. The first stage of the geochemical exploration of the Cam claims (Alverson Gulch area) was completed August 7, 2009.

## CHAPTER 2: ANALYSIS AND DISCUSSION

### ROCK AND STREAM SEDIMENT SAMPLING

Eight rock samples were taken from float and cat trenching. All samples were on the claim block. Rock samples were placed in plastic sample bags, sealed, numbered and shipped for analysis. Sample sites were GPS located. Five stream sediment samples were taken from two creeks that cross the area from the south. Samples were placed in kraft paper sediment bags, sealed, numbered, dried and shipped with the rock samples for analysis at Eco Tech Laboratory in Kamloops. The eight rock and five stream sed samples were crushed, screened to –200 mesh and thirty grams from each was tested for 32 elements (standard ICP package). One bulk alluvial gravel sample was taken from gulch creek, screened to ¼" into a plastic 20 litre bucket, sealed, numbered, then dried and split at Eco Tech lab in Whitehorse. Fifteen kilos of this sample (#GC 09-01) were shipped to Overburden Drilling Management Ltd. in Nepean, Ontario to be picked for gold and indicator minerals. Results from the labs were emailed to me in excel spread sheet format. A sample location map was generated by Robert Stirling (contract geologist / geophysicist) of Whitehorse. Rock sample #0833 had the highest zinc value at 22.4%, sample #0834 ran 44.56 oz/t silver, 36.2% lead and 2.7% zinc and sample #0839 had the highest copper and gold values of 3.45% and 0.12 g/t. Gold is anomalous in seven of the eight rock samples taken. The stream sediment samples

are all anomalous in Ag, Cu, Pb and Zn. The bulk gravel sample yealded only background levels of gold grains (see attached letter).

ICP SOIL SAMPLING

Forty eight test pits were sampled by hand digging with a pick and shovel to a minimum depth of sixty centimeters. Samples were taken from the bottom of each pit, placed in kraft paper soil bags, numbered, sealed and shipped to Eco Tech Laboratory Ltd.; 2953 Shuswap Road; Kamloops, B.C. V2H 1S9 for analysis. All pits were GPS located (see location map). The samples were dried, crushed, screened to –200 mesh and 30 grams from each sample was tested for 32 elements (standard ICP analysis). Results were emailed to me in excel- spread sheet format. Anomalous populations were determined; graphs and maps were generated and compared to the information gathered from the mobile metal ion geochemical survey. Digital compilation work was completed by Mr. Robert Stirling (contract geologist / geophysicist); of Whitehorse, Yukon. The most anomalous (ICP) values for copper, silver, lead and zinc (gold not tested) came from the area of the mineralized fault structure (Paul Showing).

MMI SOIL SAMPLING SURVEY

Mobile Metal Ion, multi element leach, soil geochemistry sampling was carried out in conjunction with ICP soil sampling as an experiment, to obtain geochemical results, in an area of known mineralization and to test a linear fault structure. An orientation survey of 35- sample pits was dug on a base line and 5 separate grid lines. Thirteen additional pits were dug along the mineralized fault structure. The two northern grid lines are 600 meters apart and run perpendicular to the fault structure. Thirty five sample pits were dug at 100 meter spacing; two sample pits were dug at 200 meter spacing. All sample pits were dug to a minimum depth of 60 centimeters. Two samples were taken from each pit at depth of 15 to 25 centimeters (MMI) and 60 centimeters (ICP). The sample depth is measured down from the bottom of the live organic layer at the top of the pit. Samples are taken from the bottom up to avoid cross contamination. MMI samples are taken with a plastic scoop and placed in plastic freezer bags, then sealed and double bagged for shipment. The scoop is cleaned between samples to avoid contamination. Each sample is a minimum of 30 grams in weight. Each sample is numbered separately and each pit is described in notes for future geological referencing. Analysis of forty eight - 30-gram samples was completed by SGS Canada Inc.; 1885 Leslie Street; Toronto, On; and employed mobile metal ion multi-element leach analysis. Results of the geochemical analysis were emailed to me in excel spread- sheet format. Digital compilation of the data and generation of graphics was completed by Robert Stirling (contract geologist / geophysicist) of Whitehorse, Yukon. The most anomalous (MMI) copper, gold, silver, lead & zinc values came from the area of the mineralized fault structure (Paul Showing). Elevated values for pathfinder elements of barium, lead, molybdenum, tungsten and zinc are coincident with most of the high copper, silver and gold values.

No areas of permafrost were encountered during the ICP / MMI soil sampling survey. Frozen ground has no negative effect on the geochemical results.

# CHAPTER 3 – CONCLUSIONS & RECOMMENDATIONS

## CONCLUSIONS

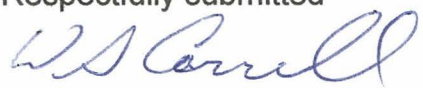
The significance of the MMI soil sampling on the property cannot be understated. Anomalous populations of barium, copper, gold, lead, molybdenum, silver, tungsten and zinc on both sides of the grid, gives evidence of a well developed mineralized system related to the fault structures covered by the claim block. The ICP survey samples confirm the MMI anomalies. A follow-up MMI / ICP soil- sampling program should be carried out on the East and West ends of the existing grid. The geochemical survey needs to be extended to the north and south in order to test the full potential of these faults as well as a large magnetic anomaly(in excess of 2 kilometers), under Mount Cameron. Further, the clasts recovered from each pit dug should be collected as individual samples and, after washing, submitted for geochemical analysis. This will assist in mapping the local geology underlying the claims. The outcrops seen on the claims were well fractured or bretchiated phylites, except for a small showing of biotite schist 20 meters west of the creek at Alverson Gulch. The phylite bretcha is flooded with calcite and barite. The bretcha zone extends west of Alverson Gulch for at least 600 meters (seen in outcrop and float). The mineralization at the Paul Showing is suspected to be related to this zone. No quartz veining was found in the area.

Limited prospecting of outcrops on the south side of the base line in one of the creek beds and two cat trenches revealed a one to two meter thick rusty layer of ferro-crete overlying the bretcha zone.

## RECOMENDATIONS

It is recommended that the geochemical soil sampling be completed and expanded in all directions to provide a clearer picture of the area. Mount Cameron needs to be thoroughly prospected. Drill core from the Noranda program should be re-examined and assayed.

Respectfully submitted



Wade S. Carrell, President
Tanana Exploration Inc.

## REFERENCES:


BULLION MOUNTAIN MINING Ltd.: Six Assessment Reports; #060945, #060946, #062020, #062022, #062023 & #091303, Mar/71 to Feb/75 by D.C. Malcolm, G. Schwartz, D.W. Tully and L.S. Trenholme.

GEOLOGICAL SURVEY OF CANADA: Memoir 357, p. 63 – 64.

MANSON CREEK RESOURCES LTD.: Mar/99. Assessment Report: #093987 by J. Eaton.

MORIN, J. A., 1989. Yukon Gold – Silver File: Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File # 1989-3.

NDU RESOURCES LTD, Mar/88: Assessment Report #092121 by W.D. Eaton

NORANDA INC, Jan/2002: Assessment Report #094276 by A.L. Smith

SCURRY – RAINBOW OIL LTD, Mar, Apr, Sep/73: Eight Assessment Reports; #019879 – 019885 & #091307 by P.J. Fominoff, T.R. Gallant, M.J. Lewis, D.C. Malcolm and G. Schwartz.

YUKON GEOLOGICAL SURVEY: Open File #2003-9(D) by S.P. Gordey and A. J. Makepeace.

**YUKON GEOLOGICAL SURVEY WEBSITE – MAP GALLERY**

# ATTACHMENT A

# ACTIVITY LOG

Personnel: Wade Carrell and Ivan Elash

ACTIVITY LOG

| DATE | PERSONNEL WC | IE | ACTIVITY DESCRIPTION |
|---|---|---|---|
| July 26/09 | x | x | Mobilize to Mayo from Whitehorse |
| July 27/09 | x | x | Mobilize – Mt. Cameron; Start pit sampling on base line |
| July 28/09 | x | x | Dig & sample soil pits & prospect |
| July 29/09 | x | x | Dig & sample soil pits & prospect |
| July 30/09 | x | x | Dig & sample soil pits & prospect |
| July 31/09 | x | x | Wait for helicopter & prospect |
| Aug 01/09 | x | x | Wait for helicopter & prospect |
| Aug 02/09 | x | x | Hike to McQueston road & prospect |
| Aug 03/09 | x | x | Return to Mt. Cameron & prospect |
| Aug 04/09 | x | x | Dig & sample soil pits & prospect |
| Aug 05/09 | x | x | Sample streams & rocks |
| Aug 06/09 | x | x | Prospect |
| Aug 07/09 | x | x | Demobilize to Mayo & Whitehorse |
| Aug 14/09 | x | | Drop ICP samples at Eco Tech Lab; Whitehorse for prep & shipment to Kamloops |
| Oct 25/09 | x | | Ship MMI samples to SGS Mineral Services in Toronto |
| Nov 05/09 | x | | Ship bulk gravel sample to ODM Services in Nepean |
| Dec 10/09 | x | | Assay data & GPS transferred to Bob Stirling for digital compilation |
| Jan 10/10 | x | | Data combined in final report. |

# ATTACHMENT B

# CERTIFICATES OF GEOCHEMICAL ANALYSIS

OVERBURDEN DRILLING MANAGEMENT LIMITED
107-15 CAPELLA COURT, NEPEAN, ONTARIO, K2E 7X1
Phone: (613) 226-1771 § Facsimile: (613) 226-8753
odm@storm.ca § http://www.odm.ca

TO: **Mr. Wade Carrell**
**Tanana Exploration Inc.**
27 Tutshi Road
Whitehorse, YT
Y1A 3R4
Tel: (867) 668-2007

DATE: 10-Dec-09

tananaexploration2005@yahoo.ca

RE: Batch 4779 -- GC 09-01

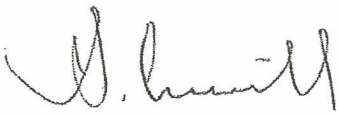
**INVOICE # 1109087**

## Laboratory Services:

| | | | | | |
|---|---|---|---|---|---|
| 1 | sample processed for KIMs + MMSIMs + gold grains @ | $266.75 | | 266.75 | |
| 1 | panning (1st 20 VG) @ | $28.25 | | 28.25 | |
| 1 | extra heavy liquid separation (cleaning >1.0 amp 0.25-0.5 mm fraction) @ | $27.30 | | 27.30 | |
| 25 | extra picked indicators, >20 to 100 grains/sample @ | $1.15 | /grain | 28.75 | |
| 1 | SEM checks: 1st grain/sample @ | | included | | |
| 20 | SEM checks: additional grains/sample @ | $3.60 | /grain | 72.00 | |
| 1 | sample disposal @ | $2.00 | | 2.00 | |
| | | | | | $425.05 |

| | | |
|---|---|---|
| G.S.T. on O.D.M. services | 21.25 | |
| TOTAL INVOICE G.S.T. (registration No. 10403 0812 RT) | | $21.25 |
| INVOICE TOTAL | | $446.30 |
| LESS DEPOSIT | | $500.00 |
| **REMAINING CREDIT (DO NOT PAY)** | | **$53.70** |

*Invoice is payable within 15 days of receipt; overdue amounts may be subject to a monthly 1.5% late fee.*



Stuart Averill
President

**EXPLORING HEAVY MINERALS**

November 27, 2009

Mr. Wade Carrell
Tanana Exploration Inc.
27 Tutshi Rd.
Whitehorse, YT
Y1A 3R4

e-mail: tananaexploration2005@yahoo.ca

Dear. Mr. Carrell:

Re: Indicator Minerals in Alluvial Gravel Sample GC09/01, Yukon

Attached please find our laboratory data for the above alluvial gravel sample.

The sample yielded only background levels of gold grains. It is slightly anomalous in chromite and forsteritic olivine, two minerals that we use dually as indicators of kimberlite and Ni-Cu-PGE-fertile mafic/ultramafic melts. In this case, the physical form and small average size of the chromite and forsterite grains indicate that they are of the non-kimberlitic, fertile-melt variety. However there is no evidence that this melt became significantly saturated in sulphur ("trigger" minerals such as hercynite and green Cr-garnet are very scarce and chalcopyrite and sperrylite are absent) and deposited Ni-Cu-PGE sulphides.

I hope this information is helpful. Please call me if you have any questions.

Yours sincerely,

Stu Averill, P.Geo., President

Overburden Drilling Management Limited
107-15 Capella Court
Ottawa ON Canada K2E 7X1
Tel. 613 226 1771
Fax 613 226 8753
odm@storm.ca

**Eco Tech Laboratory Ltd.**
2953 Shuswap Road
Kamloops, BC
V2H 1S9 Canada
Tel + 1 250 573 5700
Fax + 1 250 573 4557
Toll Free + 1 877 573 5755
www.stewartgroupglobal.com

StewartGroup
Geochemical & Assay

# CERTIFICATE OF ASSAY AW 2009-8113

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

2-Sep-09

*No. of samples received: 8*
*Sample Type: Rock*
***Project: Cameron***
*Submitted by: W. Carrell*

| ET #. | Tag # | Au (g/t) | Au (oz/t) | Ag (g/t) | Ag (oz/t) | Cu (%) | Pb (%) | Zn (%) |
|---|---|---|---|---|---|---|---|---|
| 1 | 0833 | 0.08 | 0.002 | 88.3 | 2.58 | | 2.64 | 7.64 |
| 2 | 0834 | 0.07 | 0.002 | 1350 | 39.37 | | 37.0 | 4.85 |
| 3 | 0835 | 0.03 | 0.001 | | | | | |
| 4 | 0836 | 0.07 | 0.002 | 430 | 12.54 | | 14.5 | |
| 5 | 0837 | 0.03 | 0.001 | | | | | 19.4 |
| 6 | 0838 | 0.03 | 0.001 | | | | | |
| 7 | 0839 | 0.12 | 0.003 | 906 | 26.42 | 3.45 | 14.8 | 10.4 |
| 8 | 0840 | <0.03 | <0.001 | | | | | |
| **QC DATA:** | | | | | | | | |
| ***Repeat:*** | | | | | | | | |
| 1 | 0833 | 0.08 | 0.002 | 86.9 | 2.53 | | 2.58 | 7.55 |
| 2 | 0834 | 0.07 | 0.002 | | | | | |
| 7 | 0839 | 0.12 | 0.003 | | | | | |
| ***Resplit:*** | | | | | | | | |
| 1 | 0833 | 0.07 | 0.002 | | | | | |
| ***Standard:*** | | | | | | | | |
| OXI67 | | 1.82 | 0.053 | | | | | |
| Pb104 | | | | 105 | 3.06 | | 1.00 | 1.46 |
| Cu120 | | | | | | 1.54 | | |

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

NM/nw
XLS/09

4-Sep-09

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

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

**ICP MS CERTIFICATE OF ANALYSIS AW 2009- 8113**
**Extended Package**

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

*No. of samples received: 8*
*Sample Type: Rock*
***Project: Cameron***
*Submitted by: W. Carrell*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cs ppm | Cu ppm | Fe % | Ga ppm | Ge ppm | Hf ppm | Hg ppb | K % | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Nb ppm | Ni ppm | P ppm | Pb ppm | Rb ppm | Re ppm | S % | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0833 | >30 | 0.09 | 52.1 | 40.5 | 6.44 | 0.12 | 322.70 | 14.86 | 65.4 | 20.5 | 0.20 | 546.3 | 24.44 | 2.9 | 8.8 | 0.10 | 1190 | 0.03 | 6.0 | <0.1 | 0.09 | >10000 | 1.97 | 0.038 | 0.08 | 80.6 | 118 | >10000 | 2.5 | <0.001 | 2.00 | 267.50 | 2.1 | 10.0 | 6.8 | 19.5 | <0.05 | 0.18 | 1.4 | 0.005 | 0.64 | 2.5 | <2 | <0.1 | >10000 | 2.16 |
| 2 | 0834 | >30 | 0.02 | 0.9 | 6.0 | 0.74 | 0.02 | 241.40 | 1.14 | 24.9 | 31.5 | 0.04 | 391.4 | 2.83 | 1.4 | 1.1 | 0.02 | 635 | 0.01 | 0.5 | <0.1 | <0.01 | 188 | 0.48 | 0.032 | 0.02 | 2.1 | 88 | >10000 | 0.7 | <0.001 | 7.74 | 1451.00 | 0.3 | 41.3 | 13.4 | 17.0 | <0.05 | 0.68 | 0.4 | 0.005 | 1.60 | 0.6 | <2 | <0.1 | >10000 | 0.68 |
| 3 | 0835 | 3.1 | 0.05 | 55.0 | 7.0 | 0.48 | >10 | 4.35 | 10.78 | 13.2 | 28.0 | 0.36 | 373.4 | 24.62 | 0.5 | 7.2 | 0.04 | 10 | 0.03 | 4.0 | <0.1 | 2.64 | >10000 | 0.26 | 0.041 | 0.04 | 28.2 | 194 | 717.40 | 3.3 | 0.004 | 1.22 | 13.74 | 1.5 | 1.0 | 0.4 | 124.0 | <0.05 | 0.04 | 0.6 | 0.005 | 0.10 | 0.8 | <2 | 0.1 | 992.6 | 1.11 |
| 4 | 0836 | >30 | 0.04 | 7.8 | 14.5 | 147.90 | 0.29 | 21.69 | 3.33 | 8.3 | 7.0 | 0.14 | 9417.0 | 33.66 | 0.7 | 11.1 | 0.02 | 95 | 0.02 | 1.5 | <0.1 | 0.11 | >10000 | 0.27 | 0.034 | 0.06 | 10.4 | 31 | >10000 | 1.5 | <0.001 | 2.42 | 457.60 | 0.9 | 52.1 | 4.9 | 129.5 | <0.05 | 1.60 | 0.5 | 0.005 | 0.50 | 1.7 | <2 | <0.1 | 4301.0 | 0.77 |
| 5 | 0837 | 8.2 | 0.03 | 5.5 | 21.0 | 0.44 | 0.21 | 1166.00 | 5.89 | 126.2 | 3.5 | 0.06 | 211.2 | 30.34 | 9.1 | 10.6 | 0.02 | 3585 | <0.01 | 3.0 | <0.1 | 0.42 | >10000 | 0.45 | 0.037 | 0.06 | 10.7 | 22 | 230.50 | 0.4 | <0.001 | 4.86 | 15.56 | 0.6 | 1.4 | 20.0 | 28.0 | <0.05 | 0.08 | 0.5 | 0.005 | 0.08 | 1.9 | <2 | <0.1 | >10000 | 1.55 |
| 6 | 0838 | 1.6 | 0.11 | 49.4 | 128.5 | 2.34 | 0.06 | 10.72 | 7.36 | 40.1 | 125.5 | 0.22 | 89.9 | 11.89 | 0.5 | 4.2 | 0.02 | 30 | 0.03 | 4.0 | <0.1 | 0.05 | >10000 | 0.72 | 0.038 | 0.04 | 80.1 | 49 | 372.70 | 2.3 | <0.001 | 0.06 | 24.66 | 0.9 | 0.6 | 0.4 | 24.0 | <0.05 | 0.16 | 0.8 | 0.001 | 0.54 | 1.7 | <2 | <0.1 | 2078.0 | 0.84 |
| 7 | 0839 | >30 | 0.01 | 2.6 | 3.5 | 27.92 | 0.12 | 532.90 | 1.96 | 50.3 | 1.5 | 0.06 | >10000 | 26.90 | 1.3 | 9.1 | <0.02 | 1290 | <0.01 | 0.5 | <0.1 | 0.29 | >10000 | 0.10 | 0.035 | 0.04 | 7.0 | 3 | >10000 | 0.3 | <0.001 | 4.70 | 814.30 | <0.1 | 1.9 | 18.6 | 2.0 | <0.05 | 0.06 | <0.1 | 0.005 | 0.50 | 0.2 | <2 | <0.1 | >10000 | 0.46 |
| 8 | 0840 | 2.3 | 0.01 | <0.1 | 3.0 | 0.70 | 0.82 | 23.32 | 3.12 | 4.7 | 9.5 | 0.40 | 273.4 | 37.34 | 0.7 | 13.4 | <0.02 | 5 | <0.01 | 1.0 | <0.1 | 1.60 | >10000 | 0.11 | 0.037 | 0.08 | 2.8 | 4 | 190.70 | 0.6 | 0.001 | 0.04 | 2.98 | 4.2 | 0.2 | 0.2 | 6.0 | <0.05 | <0.02 | <0.1 | 0.005 | 0.02 | <0.1 | <2 | 10.0 | 3033.0 | 0.31 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0833 | >30 | 0.09 | 51.4 | 38.5 | 6.50 | 0.12 | 328.00 | 14.88 | 64.6 | 20.5 | 0.20 | 540.2 | 24.24 | 2.9 | 8.7 | 0.08 | 1195 | 0.03 | 6.0 | <0.1 | 0.09 | >10000 | 1.97 | 0.037 | 0.06 | 77.9 | 119 | >10000 | 2.5 | <0.001 | 1.98 | 270.30 | 2.1 | 9.9 | 6.8 | 19.0 | <0.05 | 0.16 | 1.3 | 0.005 | 0.62 | 2.5 | <2 | <0.1 | >10000 | 2.09 |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0833 | >30 | 0.08 | 49.1 | 41.0 | 6.76 | 0.11 | 340.10 | 15.04 | 63.1 | 19.0 | 0.20 | 520.5 | 22.73 | 3.0 | 8.3 | 0.08 | 1185 | 0.03 | 6.0 | <0.1 | 0.07 | >10000 | 1.87 | 0.035 | 0.04 | 72.0 | 112 | >10000 | 2.5 | <0.001 | 1.80 | 254.90 | 2.1 | 10.2 | 7.5 | 18.0 | <0.05 | 0.16 | 1.4 | 0.005 | 0.62 | 2.5 | <2 | 0.1 | >10000 | 2.07 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb129a | | 12.4 | 0.90 | 9.4 | 63.0 | 0.38 | 0.48 | 57.78 | 8.89 | 5.0 | 11.5 | 0.10 | 1450.0 | 1.57 | 2.1 | 0.5 | 0.06 | 80 | 0.11 | 3.5 | 1.8 | 0.70 | 359 | 1.94 | 0.059 | 0.28 | 5.4 | 431 | 6219.00 | 2.8 | <0.001 | 0.88 | 14.72 | 0.6 | 0.2 | 0.9 | 27.5 | <0.05 | 0.34 | 0.4 | 0.041 | 0.04 | <0.1 | 16 | 0.3 | >10000 | 1.76 |

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

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dt/mse8113S
XLS/09

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StewartGroup
Geochemical & Assay

# CERTIFICATE OF ASSAY AW 2009-8110

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

2-Sep-09

*No. of samples received: 5*
*Sample Type: Rock*
***Project: Cam***
*Submitted by: W. Carrell*

| ET #. | Tag # | Ag (g/t) | Ag (oz/t) | Pb (%) | Zn (%) |
|---|---|---|---|---|---|
| 1 | 0833 | | | 1.06 | 17.4 |
| 2 | 0834 | 1528 | 44.56 | 36.2 | 2.78 |
| 4 | 0837 | | | | 22.4 |
| **QC DATA:** | | | | | |
| ***Repeat:*** | | | | | |
| 1 | 0833 | | | 1.05 | 16.9 |
| 2 | 0834 | 1490 | 43.45 | 35.3 | 2.83 |
| ***Standard:*** | | | | | |
| Pb104 | | 106 | 3.09 | 0.98 | 1.45 |

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2-Sep-09

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

Phone: 250-573-5700
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**ICP MS CERTIFICATE OF ANALYSIS AW 2009- 8110**
**Extended Package**

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

*No. of samples received: 5*
*Sample Type: Rock*
***Project: Cam***
*Submitted by: W. Carrell*

***Values in ppm unless otherwise reported***

| Et # | Tag # | Au | Ag | Al | As | Ba | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu | Fe | Ga | Ge | Hf | Hg | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Tl | Tl | U | V | W | Zn | Zr |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fire Assay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ppb | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppb | % | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| 1 | 0833 | 15 | 29.9 | 0.07 | 13.0 | 41.5 | 2.44 | 0.46 | 841.40 | 8.43 | 96.5 | 21.0 | 0.16 | 463.4 | 24.56 | 5.5 | 9.0 | 0.10 | 2000 | 0.04 | 3.5 | <0.1 | 0.42 | >10000 | 2.35 | 0.036 | 0.02 | 15.7 | 227 | >10000 | 2.2 | <0.001 | 4.50 | 32.98 | 1.8 | 3.8 | 15.0 | 15.5 | <0.05 | 0.08 | 1.3 | 0.005 | 0.20 | 2.8 | <2 | 0.1 | >10000 | 2.43 |
| 2 | 0834 | 85 | >30 | 0.02 | 4.7 | 5.0 | 0.88 | 0.02 | 127.40 | 1.30 | 13.0 | 25.5 | 0.04 | 129.5 | 2.14 | 0.7 | 0.7 | 0.04 | 300 | <0.01 | 0.5 | <0.1 | <0.01 | 239 | 0.34 | 0.033 | <0.02 | 1.7 | 76 | >10000 | 0.4 | <0.001 | 7.84 | 1461.00 | 0.4 | 43.2 | 10.4 | 12.5 | <0.05 | 0.76 | 0.3 | 0.005 | 1.84 | 0.3 | <2 | 0.1 | >10000 | 0.94 |
| 3 | 0835 | 70 | 1.8 | 0.05 | 221.4 | 8.0 | 0.30 | >10 | 4.10 | 10.53 | 30.8 | 35.5 | 0.22 | 205.0 | 24.09 | 0.5 | 6.2 | 0.06 | <5 | 0.05 | 3.5 | 1.5 | 2.87 | >10000 | 0.24 | 0.041 | <0.02 | 18.6 | 327 | 191.90 | 3.2 | <0.001 | 3.48 | 6.58 | 2.0 | 0.9 | 0.3 | 132.5 | <0.05 | 0.04 | 0.9 | 0.005 | 0.08 | 0.3 | <2 | 0.1 | 1270.0 | 1.92 |
| 4 | 0837 | 15 | 5.3 | 0.03 | 16.5 | 46.0 | 0.12 | 0.38 | 1191.00 | 4.64 | 158.0 | 4.0 | 0.08 | 124.2 | 33.74 | 7.1 | 8.6 | 0.04 | 3065 | 0.01 | 2.0 | 0.2 | 0.67 | >10000 | 0.48 | 0.037 | <0.02 | 8.8 | 10 | 32.49 | 0.8 | <0.001 | 4.84 | 8.06 | 0.4 | 1.0 | 21.2 | 39.0 | <0.05 | 0.04 | 0.2 | 0.005 | 0.08 | 2.3 | <2 | <0.1 | >10000 | 1.34 |
| 5 | 0840 | 10 | 4.6 | 0.01 | 4.4 | 3.5 | 1.52 | 1.15 | 75.78 | 6.76 | 7.5 | 2.0 | 0.14 | 425.3 | >40 | 0.8 | 11.8 | 0.02 | 55 | <0.01 | 2.5 | 0.5 | 1.74 | >10000 | 0.02 | 0.036 | <0.02 | 1.7 | 4 | 468.60 | 0.4 | <0.001 | 0.18 | 3.44 | 1.4 | 0.3 | 2.0 | 6.5 | <0.05 | <0.02 | <0.1 | 0.005 | 0.04 | <0.1 | <2 | <0.1 | 6372.0 | 0.61 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0835 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Resplit:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 0835 | 55 | 1.7 | 0.05 | 223.9 | 8.0 | 0.32 | >10 | 4.21 | 10.83 | 31.0 | 36.0 | 0.22 | 206.7 | 24.24 | 0.4 | 5.4 | 0.06 | 5 | 0.05 | 4.0 | 1.2 | 2.86 | >10000 | 0.23 | 0.042 | <0.02 | 19.5 | 327 | 183.30 | 3.2 | <0.001 | 3.42 | 6.24 | 1.9 | 0.9 | 0.3 | 133.5 | <0.05 | 0.04 | 0.9 | 0.005 | 0.06 | 0.3 | <2 | <0.1 | 1275.0 | 2.02 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pb129a | | | 12.4 | 0.90 | 9.4 | 63.0 | 0.38 | 0.48 | 57.78 | 8.89 | 5.0 | 11.5 | 0.10 | 1450.0 | 1.57 | 2.1 | 0.5 | 0.06 | 80 | 0.11 | 3.5 | 1.8 | 0.70 | 359 | 1.94 | 0.059 | 0.28 | 5.4 | 431 | 6219.00 | 2.8 | <0.001 | 0.88 | 14.72 | 0.6 | 0.2 | 0.9 | 27.5 | <0.05 | 0.34 | 0.4 | 0.041 | 0.04 | <0.1 | 16 | 0.3 | >10000 | 1.76 |
| SF30 | | 825 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**ECO TECH LABORATORY LTD.**
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4-Sep-09

**Stewart Group**
**ECO TECH LABORATORY LTD.**
10041 Dallas Drive
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**ICP MS CERTIFICATE OF ANALYSIS AK 2009- 0417**
**Extended Package**

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

*No. of samples received: 36*
*Sample Type: Till*
*Submitted by: W. Carrell*

***Values in ppm unless otherwise reported***

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cs ppm | Cu ppm | Fe % | Ga ppm | Ge ppm | Hf ppm | Hg ppb | K % | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Nb ppm | Ni ppm | P ppm | Pb ppm | Rb ppm | Re ppm | S % | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0716 | 0.2 | 1.22 | 10.3 | 159.5 | 0.28 | 0.45 | 0.55 | 36.01 | 14.7 | 21.5 | 0.84 | 49.3 | 3.01 | 4.0 | 2.7 | 0.08 | 40 | 0.02 | 17.0 | 9.9 | 0.38 | 649 | 1.99 | 0.035 | 0.40 | 38.8 | 759 | 15.09 | 5.4 | 0.001 | 0.04 | 0.54 | 2.5 | 1.0 | 0.3 | 22.0 | <0.05 | 0.10 | 2.5 | 0.017 | 0.06 | 1.2 | 28 | 0.2 | 133.9 | 1.60 |
| 2 | 0717 | 0.1 | 1.22 | 15.8 | 170.5 | 0.30 | 0.28 | 0.95 | 41.70 | 12.1 | 22.5 | 1.10 | 73.1 | 3.44 | 4.0 | 3.1 | 0.06 | 45 | 0.03 | 22.5 | 20.5 | 0.41 | 541 | 2.65 | 0.035 | 0.40 | 51.0 | 802 | 16.17 | 5.3 | 0.001 | 0.02 | 0.72 | 3.1 | 1.2 | 0.2 | 20.0 | <0.05 | 0.10 | 4.2 | 0.022 | 0.06 | 1.6 | 36 | 0.2 | 179.7 | 1.18 |
| 3 | 0718 | 0.3 | 1.23 | 17.7 | 163.0 | 0.20 | 0.29 | 0.77 | 32.77 | 13.3 | 28.0 | 0.96 | 56.2 | 3.27 | 4.4 | 2.8 | 0.04 | 35 | 0.02 | 18.0 | 16.0 | 0.46 | 506 | 2.46 | 0.033 | 0.40 | 41.2 | 826 | 13.19 | 6.6 | <0.001 | 0.02 | 0.84 | 3.2 | 1.2 | 0.3 | 17.0 | <0.05 | 0.06 | 2.1 | 0.025 | 0.08 | 1.6 | 50 | 0.3 | 129.9 | 0.87 |
| 4 | 0719 | 0.7 | 0.82 | 14.3 | 145.5 | 0.32 | 0.22 | 1.90 | 28.96 | 10.3 | 20.5 | 1.12 | 74.3 | 3.78 | 3.0 | 2.8 | 0.06 | 25 | 0.03 | 18.0 | 5.9 | 0.32 | 347 | 19.25 | 0.050 | 0.30 | 49.6 | 1334 | 30.22 | 4.0 | 0.001 | 0.12 | 1.92 | 2.5 | 6.2 | 0.2 | 42.5 | <0.05 | 0.20 | 3.4 | 0.019 | 0.10 | 4.8 | 60 | 0.4 | 268.6 | 1.61 |
| 5 | 0720 | 0.3 | 1.00 | 24.7 | 152.5 | 0.36 | 0.23 | 1.22 | 31.45 | 14.1 | 26.5 | 1.60 | 60.8 | 4.03 | 3.6 | 3.0 | 0.02 | 20 | 0.03 | 16.0 | 6.0 | 0.35 | 545 | 6.70 | 0.031 | 0.24 | 57.7 | 899 | 18.97 | 4.2 | <0.001 | 0.04 | 1.76 | 2.0 | 2.5 | 0.2 | 18.5 | <0.05 | 0.10 | 1.4 | 0.021 | 0.08 | 2.3 | 40 | 0.2 | 173.6 | 0.59 |
| 6 | 0721 | 0.4 | 1.19 | 23.0 | 208.0 | 0.24 | 0.18 | 0.54 | 29.62 | 8.6 | 26.0 | 1.12 | 25.9 | 3.11 | 4.5 | 2.5 | 0.04 | 35 | 0.03 | 15.0 | 5.4 | 0.38 | 448 | 4.58 | 0.033 | 0.36 | 26.1 | 906 | 15.04 | 5.7 | <0.001 | 0.04 | 1.44 | 1.3 | 1.8 | 0.8 | 16.5 | <0.05 | 0.08 | 0.5 | 0.022 | 0.10 | 1.4 | 46 | 0.2 | 87.1 | 0.72 |
| 7 | 0727 | 0.7 | 0.65 | 29.3 | 167.5 | 0.20 | 0.15 | 1.69 | 35.63 | 15.6 | 14.5 | 1.64 | 49.1 | 4.88 | 2.5 | 3.3 | 0.04 | 35 | 0.02 | 17.5 | 1.2 | 0.20 | 627 | 10.40 | 0.031 | 0.22 | 92.2 | 913 | 16.23 | 2.6 | <0.001 | 0.04 | 2.32 | 1.7 | 3.1 | 0.2 | 17.0 | <0.05 | 0.12 | 3.8 | 0.013 | 0.10 | 2.4 | 34 | 0.2 | 440.6 | 0.86 |
| 8 | 0728 | 0.2 | 1.42 | 12.6 | 176.5 | 0.32 | 0.66 | 0.64 | 40.55 | 14.3 | 25.0 | 1.30 | 40.5 | 4.18 | 4.8 | 3.1 | 0.04 | 55 | 0.03 | 20.0 | 14.4 | 0.47 | 1163 | 1.31 | 0.043 | 0.40 | 40.9 | 840 | 31.44 | 7.8 | <0.001 | 0.02 | 0.72 | 3.8 | 1.3 | 0.3 | 49.5 | <0.05 | 0.12 | 2.0 | 0.022 | 0.12 | 0.9 | 36 | 0.1 | 129.3 | 0.83 |
| 9 | 0739 | 0.1 | 1.22 | 15.4 | 154.5 | 0.16 | 0.21 | 0.79 | 32.55 | 15.2 | 35.5 | 2.04 | 87.8 | 3.23 | 4.3 | 2.4 | 0.04 | 15 | 0.04 | 17.5 | 23.6 | 0.49 | 464 | 4.62 | 0.031 | 0.56 | 61.5 | 1075 | 12.20 | 8.2 | <0.001 | 0.04 | 0.90 | 2.5 | 1.7 | 0.2 | 30.0 | <0.05 | 0.06 | 3.0 | 0.029 | 0.10 | 1.4 | 44 | 0.2 | 212.9 | 1.04 |
| 10 | 0740 | 0.1 | 0.93 | 9.5 | 70.0 | 0.28 | 0.31 | 0.10 | 21.08 | 5.8 | 17.0 | 0.78 | 20.1 | 2.54 | 3.6 | 1.9 | 0.02 | 25 | 0.02 | 10.5 | 2.5 | 0.25 | 240 | 0.83 | 0.030 | 0.36 | 17.5 | 392 | 28.29 | 5.9 | <0.001 | <0.02 | 0.50 | 1.0 | 0.5 | 0.3 | 12.5 | <0.05 | 0.04 | 0.7 | 0.016 | 0.06 | 0.7 | 26 | 0.1 | 59.8 | 0.55 |
| 11 | 0745 | 2.9 | 1.64 | 25.9 | 111.5 | 0.28 | 0.29 | 4.89 | 88.31 | 124.4 | 20.0 | 2.28 | 81.2 | 6.84 | 4.7 | 4.8 | 0.08 | 30 | 0.02 | 31.5 | 24.2 | 0.34 | 3691 | 3.17 | 0.033 | 0.26 | 250.6 | 1252 | 26.95 | 3.9 | 0.001 | 0.04 | 0.78 | 4.0 | 2.1 | 0.1 | 35.0 | <0.05 | 0.10 | 5.0 | 0.015 | 0.10 | 2.8 | 24 | <0.1 | 1037.0 | 2.00 |
| 12 | 0751 | 0.4 | 2.85 | 14.2 | 142.0 | 0.56 | 0.57 | 1.70 | 46.67 | 30.7 | 46.0 | 3.68 | 60.2 | 6.48 | 8.8 | 4.0 | 0.06 | 25 | 0.15 | 20.5 | 51.7 | 1.23 | 1057 | 1.27 | 0.091 | 1.14 | 63.4 | 442 | 224.20 | 21.4 | <0.001 | 0.04 | 1.28 | 7.9 | 1.1 | 0.8 | 66.0 | <0.05 | 0.12 | 6.7 | 0.105 | 0.26 | 1.2 | 70 | 0.2 | 580.4 | 1.75 |
| 13 | 0752 | <0.1 | 0.94 | 9.9 | 66.5 | 0.26 | 0.05 | 0.13 | 25.20 | 6.2 | 14.0 | 0.92 | 19.4 | 2.30 | 3.5 | 1.7 | 0.02 | 25 | 0.02 | 12.0 | 1.0 | 0.18 | 198 | 0.85 | 0.030 | 0.52 | 14.9 | 271 | 21.25 | 6.3 | <0.001 | <0.02 | 0.48 | 1.2 | 0.5 | 0.3 | 5.0 | <0.05 | 0.02 | 1.6 | 0.016 | 0.08 | 0.6 | 24 | 0.1 | 43.8 | 0.73 |
| 14 | 0753 | 0.2 | 1.15 | 17.6 | 187.5 | 0.40 | 0.29 | 0.22 | 46.61 | 12.5 | 20.5 | 0.72 | 43.2 | 3.48 | 3.6 | 2.5 | 0.04 | 60 | 0.04 | 25.0 | 3.1 | 0.36 | 991 | 0.87 | 0.030 | 0.34 | 33.4 | 335 | 42.86 | 6.0 | <0.001 | 0.02 | 0.86 | 3.9 | 1.0 | 0.2 | 18.0 | <0.05 | 0.08 | 5.5 | 0.016 | 0.08 | 0.8 | 26 | <0.1 | 78.1 | 1.03 |
| 15 | 0754 | 0.1 | 0.85 | 15.1 | 112.0 | 0.20 | 0.18 | 0.28 | 34.23 | 8.6 | 17.0 | 0.68 | 26.0 | 2.62 | 2.9 | 2.0 | 0.04 | 35 | 0.02 | 17.0 | 1.8 | 0.31 | 457 | 0.75 | 0.033 | 0.40 | 24.9 | 305 | 42.03 | 5.3 | <0.001 | <0.02 | 1.48 | 2.6 | 0.7 | 0.2 | 14.0 | <0.05 | 0.06 | 4.7 | 0.020 | 0.06 | 0.7 | 22 | 0.1 | 106.8 | 1.14 |
| 16 | 0755 | <0.1 | 0.80 | 11.4 | 58.5 | 0.22 | 0.19 | 0.92 | 49.65 | 10.9 | 12.5 | 1.08 | 21.6 | 2.45 | 2.9 | 2.0 | 0.02 | 15 | 0.02 | 19.5 | 5.0 | 0.25 | 738 | 0.65 | 0.031 | 0.30 | 26.0 | 399 | 25.85 | 6.6 | <0.001 | <0.02 | 0.52 | 1.2 | 0.6 | 0.2 | 13.5 | <0.05 | 0.04 | 2.1 | 0.015 | 0.08 | 1.1 | 14 | <0.1 | 224.7 | 0.64 |
| 17 | 0756 | <0.1 | 1.01 | 4.7 | 61.0 | 0.14 | 0.11 | 0.03 | 54.13 | 9.7 | 13.0 | 2.28 | 19.0 | 2.44 | 3.6 | 2.2 | 0.04 | 10 | 0.09 | 30.0 | 12.7 | 0.40 | 190 | 0.33 | 0.026 | 1.06 | 21.6 | 152 | 15.04 | 22.8 | <0.001 | <0.02 | 0.32 | 1.5 | 0.7 | 0.2 | 6.5 | <0.05 | 0.04 | 10.4 | 0.049 | 0.28 | 0.9 | 10 | <0.1 | 75.9 | 1.29 |
| 18 | 0757 | 0.1 | 0.60 | 23.9 | 79.0 | 0.62 | 0.19 | 0.55 | 145.70 | 45.6 | 5.0 | 1.26 | 145.6 | 8.61 | 3.7 | 6.1 | 0.06 | 35 | 0.01 | 79.5 | <0.1 | 0.12 | 2613 | 1.55 | 0.026 | 0.08 | 83.8 | 542 | 36.82 | 3.1 | 0.001 | <0.02 | 1.94 | 7.3 | 3.5 | <0.1 | 11.5 | <0.05 | 0.30 | 16.3 | 0.002 | 0.26 | 1.3 | 2 | <0.1 | 163.7 | 1.69 |
| 19 | 0758 | 0.9 | 0.91 | 19.8 | 99.0 | 0.54 | 0.47 | 4.31 | 94.94 | 24.4 | 11.0 | 1.26 | 71.9 | 6.17 | 3.5 | 4.3 | 0.08 | 50 | 0.02 | 62.5 | <0.1 | 0.18 | 1907 | 2.95 | 0.029 | 0.20 | 80.7 | 1010 | 57.23 | 3.5 | 0.001 | 0.04 | 1.42 | 3.9 | 2.6 | 0.2 | 27.0 | <0.05 | 0.14 | 3.8 | 0.007 | 0.12 | 2.9 | 14 | <0.1 | 338.4 | 1.62 |
| 20 | 0759 | 0.3 | 1.06 | 15.3 | 136.5 | 0.42 | 0.11 | 0.47 | 29.78 | 7.0 | 21.5 | 1.32 | 48.1 | 3.55 | 4.3 | 2.2 | 0.02 | 45 | 0.04 | 15.0 | 1.0 | 0.26 | 283 | 12.72 | 0.032 | 0.32 | 22.4 | 1307 | 24.47 | 6.2 | <0.001 | 0.06 | 1.72 | 1.2 | 4.7 | 0.3 | 16.0 | <0.05 | 0.16 | 0.8 | 0.018 | 0.28 | 3.2 | 46 | 0.3 | 148.6 | 0.66 |
| 21 | 0760 | 0.1 | 1.08 | 13.4 | 136.0 | 0.18 | 0.24 | 0.58 | 41.78 | 12.2 | 20.5 | 0.86 | 37.6 | 3.41 | 3.7 | 2.3 | 0.02 | 45 | 0.02 | 20.0 | 4.4 | 0.37 | 624 | 1.87 | 0.032 | 0.38 | 37.3 | 617 | 15.20 | 4.9 | <0.001 | 0.02 | 0.74 | 2.8 | 1.2 | 0.2 | 14.0 | <0.05 | 0.04 | 2.5 | 0.021 | 0.06 | 1.1 | 32 | 0.1 | 110.7 | 0.90 |
| 22 | 0761 | 0.1 | 1.06 | 13.6 | 64.5 | 0.18 | 0.09 | 0.84 | 21.46 | 11.7 | 27.5 | 1.18 | 26.1 | 3.31 | 4.7 | 1.9 | 0.02 | 25 | 0.02 | 10.5 | 2.9 | 0.35 | 458 | 1.48 | 0.033 | 0.32 | 30.4 | 606 | 10.93 | 5.1 | 0.001 | 0.04 | 0.62 | 0.7 | 0.7 | 0.3 | 8.5 | <0.05 | 0.04 | 0.2 | 0.016 | 0.06 | 0.9 | 38 | 0.1 | 117.6 | 0.53 |
| 23 | 0762 | 0.2 | 1.40 | 30.7 | 71.5 | 0.34 | 0.05 | 0.21 | 37.54 | 6.6 | 30.0 | 1.48 | 35.8 | 3.51 | 5.4 | 2.3 | 0.02 | 35 | 0.03 | 19.0 | 7.8 | 0.45 | 211 | 3.14 | 0.032 | 0.36 | 21.0 | 785 | 12.43 | 5.7 | <0.001 | 0.06 | 1.02 | 0.7 | 1.5 | 0.3 | 9.5 | <0.05 | 0.10 | 0.4 | 0.017 | 0.08 | 1.9 | 46 | 0.1 | 87.0 | 0.74 |
| 24 | 0821 | <0.1 | 0.48 | 8.4 | 46.5 | 0.38 | 0.09 | 0.37 | 34.14 | 19.5 | 7.5 | 0.56 | 51.1 | 3.80 | 1.9 | 2.2 | 0.02 | 20 | 0.01 | 15.5 | <0.1 | 0.09 | 1099 | 2.51 | 0.027 | 0.20 | 36.8 | 833 | 41.06 | 3.4 | 0.001 | <0.02 | 1.08 | 1.3 | 1.3 | <0.1 | 4.0 | <0.05 | 0.10 | 3.7 | 0.009 | 0.04 | 3.5 | 6 | <0.1 | 160.7 | 0.69 |
| 25 | 0822 | 0.2 | 2.06 | 6.7 | 105.0 | 0.94 | 0.53 | 0.45 | 55.79 | 27.7 | 30.5 | 3.12 | 100.9 | 7.67 | 6.4 | 4.4 | 0.06 | 40 | 0.07 | 30.5 | 48.9 | 1.07 | 1031 | 1.17 | 0.045 | 0.22 | 56.8 | 587 | 51.18 | 12.6 | <0.001 | 0.04 | 0.70 | 6.6 | 2.0 | 0.3 | 51.5 | <0.05 | 0.22 | 9.9 | 0.050 | 0.32 | 1.8 | 38 | <0.1 | 94.0 | 1.56 |
| 26 | 0823 | 0.9 | 0.47 | 10.6 | 47.5 | 2.42 | 2.22 | 10.39 | 74.53 | 102.5 | 8.5 | 6.18 | 273.7 | 14.23 | 2.4 | 6.2 | 0.10 | 30 | 0.02 | 33.5 | 5.0 | 0.29 | 1615 | 1.43 | 0.028 | 0.06 | 175.7 | 306 | 351.90 | 4.2 | 0.002 | 0.08 | 2.88 | 4.2 | 1.7 | 0.2 | 17.0 | <0.05 | 0.60 | 18.7 | 0.002 | 0.20 | 2.9 | 8 | 0.1 | 1758.0 | 5.00 |
| 27 | 0824 | 0.4 | 1.19 | 12.6 | 124.5 | 0.68 | 0.39 | 0.49 | 47.02 | 11.6 | 18.5 | 0.98 | 42.5 | 4.26 | 4.0 | 2.5 | 0.04 | 50 | 0.02 | 23.0 | <0.1 | 0.28 | 693 | 1.45 | 0.029 | 0.34 | 33.0 | 623 | 91.79 | 5.3 | <0.001 | 0.04 | 2.66 | 2.5 | 1.3 | 0.3 | 21.0 | <0.05 | 0.14 | 2.1 | 0.010 | 0.16 | 1.3 | 26 | 0.1 | 186.7 | 1.10 |
| 28 | 0825 | 4.2 | 0.24 | 74.0 | 85.0 | 2.28 | 0.94 | 41.02 | 54.73 | 35.9 | 4.5 | 1.76 | 632.8 | 15.48 | 1.6 | 6.5 | 0.10 | 90 | 0.02 | 25.5 | <0.1 | 0.13 | >10000 | 3.30 | 0.030 | 0.06 | 40.7 | 572 | 1309.00 | 4.4 | 0.001 | 0.10 | 50.00 | 3.6 | 2.0 | 0.4 | 61.0 | <0.05 | 0.26 | 11.3 | 0.001 | 0.30 | 3.2 | <2 | <0.1 | 7324.0 | 4.32 |
| 29 | 0826 | 0.6 | 0.64 | 25.0 | 91.5 | 0.96 | 0.23 | 1.14 | 83.66 | 30.3 | 13.5 | 0.88 | 97.8 | 7.63 | 3.0 | 4.1 | 0.06 | 95 | 0.02 | 45.5 | <0.1 | 0.18 | 1343 | 4.32 | 0.031 | 0.26 | 77.2 | 878 | 73.81 | 4.0 | <0.001 | 0.02 | 10.82 | 3.9 | 1.9 | 0.4 | 15.5 | <0.05 | 0.38 | 12.2 | 0.014 | 0.42 | 1.7 | 14 | 0.1 | 363.8 | 1.86 |
| 30 | 0827 | 1.5 | 0.92 | 21.4 | 67.5 | 0.74 | 0.36 | 2.90 | 63.30 | 15.1 | 22.0 | 0.90 | 46.8 | 4.21 | 3.6 | 2.4 | 0.04 | 50 | 0.02 | 27.0 | 0.5 | 0.35 | 1294 | 2.22 | 0.031 | 0.36 | 45.0 | 1233 | 845.50 | 4.3 | <0.001 | 0.02 | 5.46 | 3.2 | 1.4 | 0.4 | 21.0 | <0.05 | 0.08 | 6.7 | 0.033 | 0.10 | 2.5 | 30 | 0.2 | 1490.0 | 1.30 |
| 31 | 0828 | 0.1 | 1.18 | 13.3 | 68.0 | 0.24 | 0.25 | 2.56 | 45.36 | 15.7 | 21.5 | 2.02 | 39.3 | 5.50 | 4.0 | 2.9 | 0.04 | 30 | 0.02 | 23.5 | 11.8 | 0.43 | 608 | 3.20 | 0.033 | 0.44 | 55.9 | 590 | 24.66 | 5.5 | <0.001 | 0.02 | 0.78 | 3.0 | 1.2 | 0.2 | 22.5 | <0.05 | 0.04 | 4.7 | 0.026 | 0.10 | 3.2 | 30 | 0.1 | 376.5 | 1.22 |
| 32 | 0829 | 0.4 | 1.02 | 11.9 | 88.0 | 0.56 | 0.14 | 5.40 | 52.83 | 19.9 | 17.5 | 1.60 | 74.7 | 4.52 | 3.5 | 2.5 | 0.02 | 125 | 0.02 | 23.5 | 6.3 | 0.34 | 935 | 6.16 | 0.031 | 0.28 | 84.7 | 794 | 83.91 | 4.3 | <0.001 | 0.02 | 1.96 | 3.1 | 2.5 | 0.2 | 14.0 | <0.05 | 0.10 | 2.8 | 0.023 | 0.10 | 2.9 | 26 | 0.1 | 821.2 | 0.74 |
| 33 | 0830 | 0.1 | 0.64 | 24.8 | 24.0 | 0.22 | 2.43 | 14.03 | 70.08 | 67.0 | 4.0 | 1.56 | 58.0 | 31.05 | 2.3 | 12.4 | 0.14 | 10 | 0.03 | 36.0 | 3.3 | 0.25 | 1603 | 6.65 | 0.042 | 0.08 | 448.7 | 374 | 41.76 | 4.5 | 0.001 | 0.04 | 0.44 | 6.7 | 15.1 | <0.1 | 81.0 | <0.05 | 0.10 | 8.6 | 0.002 | 0.06 | 4.5 | <2 | <0.1 | 6743.0 | 4.99 |
| 34 | 0831 | 1.1 | 0.73 | 71.8 | 463.5 | 0.12 | 0.07 | 13.81 | 12.14 | 29.4 | 15.0 | 1.98 | 104.2 | 25.12 | 3.6 | 9.7 | 0.02 | 40 | 0.06 | 5.0 | <0.1 | 0.14 | 9532 | 42.10 | 0.029 | 0.46 | 113.3 | 4895 | 1062.00 | 3.2 | 0.004 | 0.20 | 9.70 | 2.5 | 11.1 | 0.3 | 11.5 | <0.05 | 0.08 | 2.4 | 0.027 | 0.30 | 5.8 | 74 | 0.1 | 1397.0 | 0.72 |
| 35 | 0832 | 4.0 | 0.96 | 12.7 | 72.5 | 0.30 | 0.62 | 4.27 | 34.15 | 10.2 | 17.5 | 1.74 | 36.9 | 4.25 | 3.3 | 2.1 | 0.04 | 80 | 0.02 | 20.0 | 2.1 | 0.28 | 1854 | 1.57 | 0.030 | 0.24 | 24.8 | 722 | 916.30 | 9.5 | <0.001 | 0.04 | 49.04 | 1.8 | 1.2 | 0.6 | 38.0 | <0.05 | 0.10 | 0.9 | 0.009 | 0.18 | 1.3 | 20 | 0.1 | 1444.0 | 1.02 |
| 36 | 0833 | 1.2 | 0.79 | 34.7 | 169.5 | 0.28 | 0.07 | 0.19 | 18.92 | 3.8 | 20.0 | 1.04 | 21.3 | 2.66 | 3.3 | 1.4 | <0.02 | 70 | 0.02 | 9.5 | <0.1 | 0.18 | 105 | 10.41 | 0.041 | 0.22 | 15.9 | 1099 | 21.31 | 3.7 | <0.001 | 0.08 | 2.38 | 0.3 | 4.1 | 0.2 | 24.5 | <0.05 | 0.16 | 0.2 | 0.006 | 0.12 | 1.8 | 40 | 0.2 | 53.7 | 0.46 |

ECO TECH LABORATORY LTD. ICP MS CERTIFICATE OF ANALYSIS AK 2009- 0417 Tanana Exploration

Extended Package

| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cs ppm | Cu ppm | Fe % | Ga ppm | Ge ppm | Hf ppm | Hg ppb | K % | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Nb ppm | Ni ppm | P ppm | Pb ppm | Rb ppm | Re ppm | S % | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Th ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Repeat:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0716 | 0.1 | 1.15 | 9.9 | 150.5 | 0.26 | 0.43 | 0.54 | 33.90 | 13.9 | 20.0 | 0.74 | 47.1 | 2.89 | 3.8 | 2.2 | 0.08 | 40 | 0.02 | 16.0 | 6.7 | 0.37 | 610 | 1.91 | 0.036 | 0.34 | 36.6 | 727 | 14.91 | 4.8 | 0.001 | 0.04 | 0.50 | 2.3 | 1.0 | 0.2 | 21.0 | <0.05 | 0.06 | 2.4 | 0.015 | 0.04 | 1.2 | 26 | 0.1 | 128.5 | 1.94 |
| 10 | 0740 | 0.1 | 0.93 | 9.4 | 70.5 | 0.28 | 0.30 | 0.09 | 20.36 | 5.8 | 17.0 | 0.76 | 20.2 | 2.56 | 3.5 | 1.7 | 0.02 | 25 | 0.02 | 10.0 | 0.6 | 0.25 | 242 | 0.79 | 0.031 | 0.36 | 17.5 | 390 | 27.63 | 5.8 | <0.001 | 0.02 | 0.58 | 0.9 | 0.5 | 0.3 | 12.5 | <0.05 | 0.04 | 0.8 | 0.016 | 0.06 | 0.7 | 26 | 0.1 | 58.7 | 0.61 |
| 19 | 0758 | 1.0 | 0.91 | 19.4 | 96.0 | 0.54 | 0.47 | 4.33 | 83.67 | 24.4 | 11.0 | 1.20 | 72.7 | 6.19 | 3.6 | 4.1 | 0.06 | 50 | 0.02 | 62.5 | <0.1 | 0.18 | 1909 | 2.96 | 0.030 | 0.16 | 80.5 | 994 | 59.10 | 3.4 | 0.002 | 0.04 | 1.44 | 3.9 | 2.6 | 0.1 | 26.5 | <0.05 | 0.14 | 3.7 | 0.007 | 0.10 | 2.9 | 12 | <0.1 | 344.5 | 1.55 |
| 28 | 0825 | 4.2 | 0.23 | 72.9 | 84.0 | 2.34 | 0.90 | 40.45 | 52.53 | 35.4 | 3.5 | 1.66 | 627.8 | 15.28 | 1.5 | 6.1 | 0.10 | 90 | 0.02 | 23.0 | <0.1 | 0.13 | >10000 | 3.29 | 0.026 | 0.04 | 40.1 | 550 | 1319.00 | 4.1 | 0.001 | 0.10 | 51.06 | 3.5 | 1.9 | 0.4 | 59.0 | <0.05 | 0.20 | 11.0 | 0.001 | 0.30 | 3.1 | <2 | <0.1 | 7271.0 | 3.79 |
| 38 | 0833 | 1.2 | 0.76 | 36.3 | 170.5 | 0.28 | 0.07 | 0.18 | 18.56 | 3.8 | 19.5 | 1.02 | 21.4 | 2.66 | 3.4 | 1.4 | <0.02 | 65 | 0.02 | 9.5 | <0.1 | 0.16 | 106 | 10.41 | 0.039 | 0.22 | 16.2 | 1096 | 22.25 | 3.6 | <0.001 | 0.08 | 2.34 | 0.3 | 4.1 | 0.2 | 24.0 | <0.05 | 0.16 | 0.2 | 0.006 | 0.12 | 1.8 | 40 | 0.2 | 54.5 | 0.48 |
| *Standard:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Till-3 | | 1.4 | 1.03 | 60.8 | 34.5 | 0.26 | 0.45 | 0.09 | 26.69 | 9.8 | 60.5 | 0.54 | 21.0 | 1.96 | 3.9 | 1.3 | 0.06 | 105 | 0.05 | 12.5 | 7.4 | 0.55 | 293 | 0.62 | 0.044 | 0.74 | 29.8 | 399 | 16.23 | 6.5 | <0.001 | 0.02 | 0.64 | 2.7 | 0.4 | 0.9 | 14.5 | <0.05 | <0.02 | 2.3 | 0.054 | 0.04 | 1.1 | 36 | 0.1 | 38.7 | 1.50 |
| Till-3 | | 1.5 | 0.97 | 61.0 | 36.0 | 0.28 | 0.46 | 0.09 | 27.43 | 10.3 | 63.5 | 0.56 | 21.5 | 2.05 | 4.0 | 1.4 | 0.04 | 105 | 0.05 | 13.0 | 8.7 | 0.57 | 305 | 0.71 | 0.050 | 0.70 | 30.7 | 396 | 19.45 | 6.6 | <0.001 | 0.02 | 0.64 | 2.8 | 0.4 | 1.1 | 14.5 | <0.05 | 0.02 | 2.4 | 0.055 | 0.04 | 1.1 | 38 | 0.1 | 39.7 | 1.53 |

ECO TECH LABORATORY LTD.
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4-Sep-09

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

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

**ICP MS CERTIFICATE OF ANALYSIS AK 2009- 0438**
**Extended Package**

**Tanana Exploration**
27 Tutshi Road
**Whitehorse, YT**
Y1A 3R4

*No. of samples received: 12*
*Sample Type: Till*
***Project: Cameron***
*Submitted by: W. Carrell*

***Values in ppm unless otherwise reported***

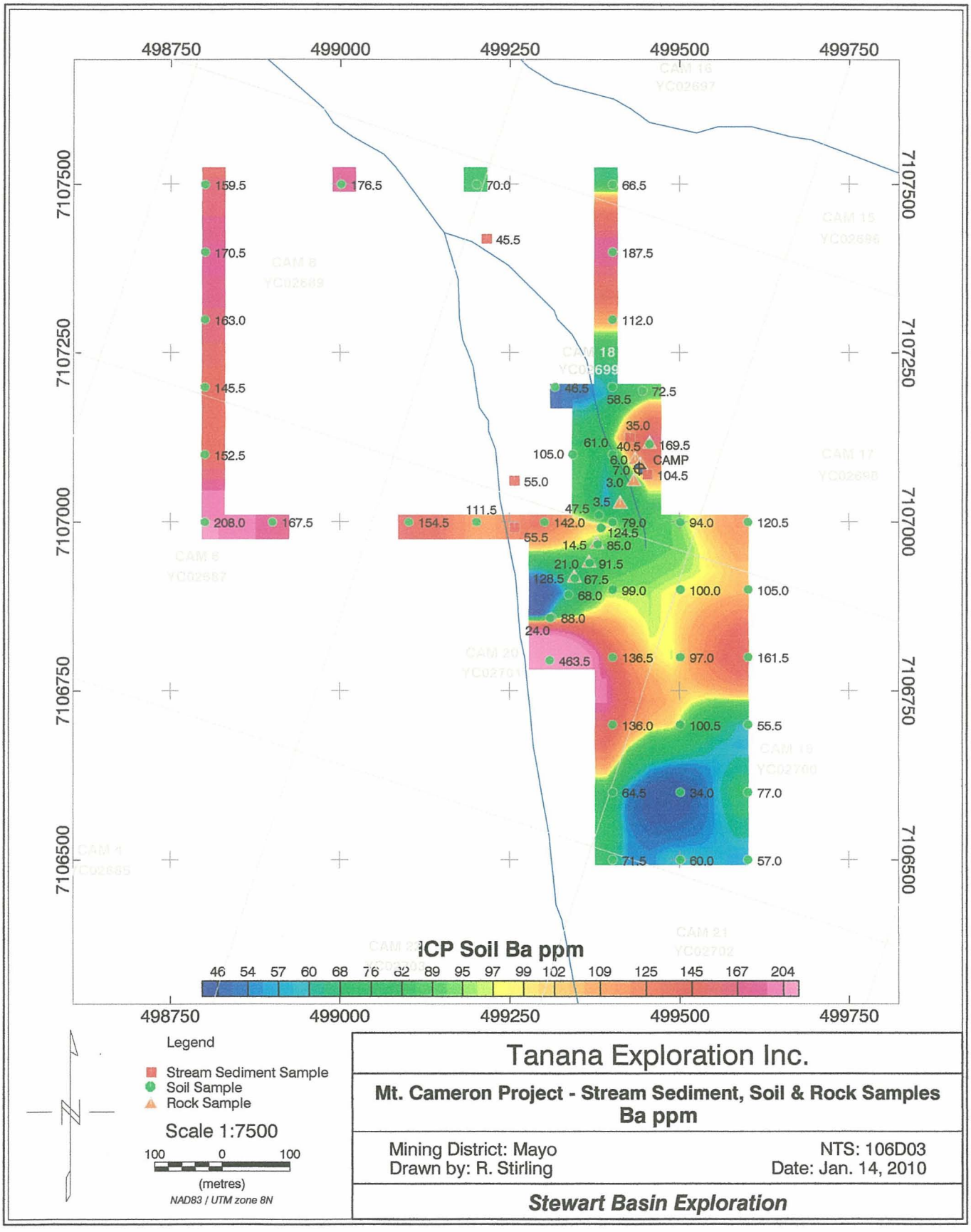
| Et #. | Tag # | Ag ppm | Al % | As ppm | Ba ppm | Bi ppm | Ca % | Cd ppm | Ce ppm | Co ppm | Cr ppm | Cs ppm | Cu ppm | Fe % | Ga ppm | Ge ppm | Hf ppm | Hg ppb | K % | La ppm | Li ppm | Mg % | Mn ppm | Mo ppm | Na % | Nb ppm | Ni ppm | P ppm | Pb ppm | Rb ppm | Re ppm | S % | Sb ppm | Sc ppm | Se ppm | Sn ppm | Sr ppm | Ta ppm | Te ppm | Th ppm | Tl % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | Zr ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0768 | 0.2 | 0.94 | 15.3 | 94.0 | 0.42 | 2.41 | 0.85 | 37.16 | 11.9 | 15.5 | 0.54 | 36.3 | 3.52 | 2.9 | 1.5 | 0.04 | 45 | 0.03 | 19.5 | 8.0 | 0.35 | 797 | 1.14 | 0.040 | 0.34 | 30.1 | 880 | 39.73 | 4.8 | <0.001 | 0.04 | 0.88 | 2.7 | 1.0 | 0.3 | 97.0 | <0.05 | 0.10 | 1.8 | 0.019 | 0.06 | 1.2 | 20 | 0.2 | 149.4 | 1.22 |
| 2 | 0769 | 0.1 | 0.80 | 11.4 | 100.0 | 0.98 | 0.26 | 1.17 | 171.50 | 37.6 | 10.0 | 1.20 | 111.4 | 8.43 | 4.1 | 4.4 | 0.04 | 30 | 0.01 | 71.0 | 3.3 | 0.11 | 3375 | 1.60 | 0.038 | 0.14 | 79.1 | 1174 | 50.69 | 2.8 | <0.001 | 0.04 | 1.28 | 4.6 | 2.6 | 0.2 | 17.0 | <0.05 | 0.26 | 7.8 | 0.005 | 0.16 | 2.3 | 4 | <0.1 | 119.5 | 0.95 |
| 3 | 0770 | 0.1 | 0.96 | 12.6 | 97.0 | 0.20 | 0.16 | 1.55 | 49.09 | 14.9 | 19.0 | 0.66 | 40.6 | 3.09 | 3.3 | 1.7 | 0.04 | 25 | 0.02 | 25.0 | 7.8 | 0.33 | 898 | 1.46 | 0.038 | 0.34 | 52.9 | 745 | 16.00 | 3.5 | <0.001 | <0.02 | 0.92 | 2.9 | 0.9 | 0.2 | 11.5 | <0.05 | 0.06 | 4.5 | 0.030 | 0.08 | 1.2 | 28 | 0.2 | 192.2 | 0.85 |
| 4 | 0771 | 0.1 | 1.22 | 15.3 | 100.5 | 0.16 | 0.15 | 1.86 | 57.65 | 19.4 | 17.5 | 0.90 | 37.7 | 3.90 | 3.5 | 2.0 | 0.02 | 30 | 0.02 | 25.5 | 7.0 | 0.29 | 390 | 2.25 | 0.040 | 0.46 | 85.0 | 784 | 12.15 | 3.7 | <0.001 | 0.02 | 0.74 | 2.2 | 1.4 | 0.2 | 12.5 | <0.05 | 0.04 | 5.0 | 0.028 | 0.06 | 1.6 | 28 | 0.2 | 311.3 | 0.70 |
| 5 | 0772 | 0.1 | 0.68 | 8.8 | 34.0 | 0.26 | 0.04 | 0.46 | 18.89 | 7.7 | 18.5 | 1.26 | 24.7 | 3.44 | 5.8 | 1.4 | <0.02 | 50 | 0.02 | 9.0 | 0.2 | 0.16 | 376 | 1.89 | 0.036 | 0.62 | 26.0 | 616 | 11.73 | 4.9 | <0.001 | 0.04 | 0.78 | 0.6 | 0.5 | 0.5 | 5.0 | <0.05 | 0.06 | 0.5 | 0.030 | 0.08 | 0.7 | 46 | 0.2 | 104.5 | 0.39 |
| 6 | 0773 | 0.6 | 1.13 | 14.9 | 60.0 | 0.32 | 0.10 | 0.61 | 24.68 | 4.8 | 23.5 | 1.72 | 34.9 | 3.25 | 4.9 | 1.5 | <0.02 | 60 | 0.03 | 12.5 | 8.3 | 0.29 | 212 | 7.50 | 0.043 | 0.48 | 16.0 | 1143 | 13.94 | 5.2 | <0.001 | 0.04 | 1.68 | 1.0 | 3.6 | 0.3 | 12.0 | <0.05 | 0.08 | 0.7 | 0.023 | 0.10 | 3.7 | 58 | 0.2 | 92.6 | 0.46 |
| 7 | 0779 | 0.1 | 1.31 | 9.1 | 120.5 | 0.32 | 0.51 | 0.37 | 32.93 | 11.3 | 21.5 | 0.82 | 31.7 | 3.95 | 4.0 | 1.9 | 0.04 | 40 | 0.03 | 18.5 | 12.6 | 0.40 | 777 | 1.16 | 0.046 | 0.30 | 28.0 | 792 | 27.31 | 8.0 | <0.001 | 0.04 | 0.66 | 2.5 | 1.0 | 0.2 | 36.5 | <0.05 | 0.08 | 1.2 | 0.016 | 0.06 | 1.0 | 30 | 0.3 | 116.4 | 0.85 |
| 8 | 0780 | 0.2 | 0.87 | 10.2 | 105.0 | 0.44 | 0.54 | 0.82 | 53.31 | 32.1 | 13.5 | 0.72 | 87.1 | 6.15 | 3.0 | 2.6 | 0.08 | 65 | 0.02 | 25.5 | 9.8 | 0.29 | 1440 | 1.45 | 0.044 | 0.26 | 63.5 | 942 | 33.23 | 4.1 | <0.001 | 0.04 | 0.96 | 3.8 | 1.6 | 0.1 | 39.0 | <0.05 | 0.22 | 3.4 | 0.017 | 0.06 | 1.7 | 18 | 0.2 | 168.8 | 2.11 |
| 9 | 0781 | 0.4 | 1.37 | 7.8 | 161.5 | 0.32 | 0.35 | 0.94 | 49.78 | 11.0 | 18.0 | 0.86 | 37.3 | 3.63 | 4.0 | 2.1 | 0.06 | 40 | 0.02 | 31.0 | 8.9 | 0.30 | 810 | 1.21 | 0.042 | 0.26 | 41.3 | 948 | 55.88 | 5.9 | <0.001 | 0.04 | 0.88 | 1.9 | 1.2 | 0.2 | 18.0 | <0.05 | 0.12 | 1.4 | 0.010 | 0.06 | 1.1 | 22 | 0.1 | 191.5 | 1.21 |
| 10 | 0782 | 0.1 | 1.06 | 12.9 | 55.5 | 0.26 | 0.05 | 1.04 | 29.11 | 7.6 | 20.5 | 1.12 | 36.3 | 3.23 | 3.9 | 1.4 | <0.02 | 30 | 0.02 | 14.0 | 6.0 | 0.30 | 237 | 6.42 | 0.038 | 0.40 | 30.6 | 554 | 14.47 | 4.7 | <0.001 | 0.04 | 1.16 | 1.1 | 1.4 | 0.3 | 7.5 | <0.05 | 0.06 | 0.8 | 0.024 | 0.08 | 2.3 | 32 | 0.2 | 147.2 | 0.41 |
| 11 | 0783 | <0.1 | 0.92 | 13.5 | 77.0 | 0.20 | 0.10 | 2.63 | 60.82 | 18.3 | 18.0 | 1.82 | 42.9 | 3.58 | 3.4 | 1.8 | <0.02 | 15 | 0.03 | 30.5 | 8.4 | 0.34 | 401 | 1.32 | 0.037 | 0.36 | 68.7 | 584 | 8.36 | 4.5 | <0.001 | <0.02 | 0.72 | 2.1 | 1.3 | 0.2 | 8.0 | <0.05 | 0.04 | 6.5 | 0.027 | 0.08 | 2.3 | 22 | 0.1 | 263.5 | 0.54 |
| 12 | 0784 | 0.2 | 1.44 | 15.4 | 57.0 | 0.28 | 0.06 | 0.53 | 27.67 | 5.5 | 28.5 | 1.52 | 38.8 | 3.18 | 5.4 | 1.5 | <0.02 | 45 | 0.03 | 14.0 | 9.1 | 0.32 | 188 | 3.55 | 0.038 | 0.36 | 20.4 | 787 | 12.73 | 5.8 | <0.001 | 0.04 | 1.00 | 0.5 | 1.9 | 0.4 | 10.5 | <0.05 | 0.06 | 0.3 | 0.014 | 0.10 | 3.9 | 50 | 0.2 | 88.4 | 0.35 |
| **QC DATA:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Repeat:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 0768 | 0.2 | 0.98 | 15.7 | 95.5 | 0.44 | 2.40 | 0.81 | 37.47 | 12.1 | 16.0 | 0.52 | 34.9 | 3.60 | 2.9 | 1.4 | 0.04 | 45 | 0.03 | 19.5 | 8.9 | 0.36 | 814 | 1.12 | 0.046 | 0.32 | 30.3 | 922 | 38.79 | 4.8 | <0.001 | 0.04 | 0.80 | 2.7 | 1.0 | 0.3 | 97.5 | <0.05 | 0.06 | 1.8 | 0.019 | 0.06 | 1.1 | 20 | 0.2 | 146.7 | 1.31 |
| 10 | 0782 | 0.1 | 1.07 | 12.7 | 55.0 | 0.26 | 0.05 | 1.08 | 28.91 | 7.6 | 20.5 | 1.12 | 36.3 | 3.20 | 3.9 | 1.5 | <0.02 | 30 | 0.02 | 14.0 | 6.3 | 0.30 | 234 | 6.45 | 0.036 | 0.40 | 30.5 | 555 | 15.08 | 4.7 | <0.001 | 0.04 | 1.18 | 1.2 | 1.4 | 0.3 | 7.0 | <0.05 | 0.08 | 0.9 | 0.024 | 0.08 | 2.2 | 34 | 0.2 | 148.6 | 0.39 |
| ***Standard:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Till-3 | | 1.4 | 0.95 | 74.6 | 32.5 | 0.36 | 0.45 | 0.09 | 26.50 | 9.8 | 61.0 | 0.56 | 21.2 | 1.95 | 3.8 | 1.1 | 0.04 | 105 | 0.06 | 12.0 | 10.4 | 0.55 | 301 | 0.77 | 0.050 | 0.66 | 30.4 | 421 | 20.02 | 6.5 | 0.001 | 0.02 | 0.62 | 2.8 | 0.4 | 1.0 | 14.5 | <0.05 | <0.02 | 2.4 | 0.058 | 0.04 | 1.1 | 36 | 0.2 | 39.9 | 1.26 |

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

NM/nw
df/mse8113S
XLS/09

# ATTACHMENT C

# COLOR COMPILATION MAPS


498750
499000
499250
499500
499750
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7107250
7107000
7106750
7106500
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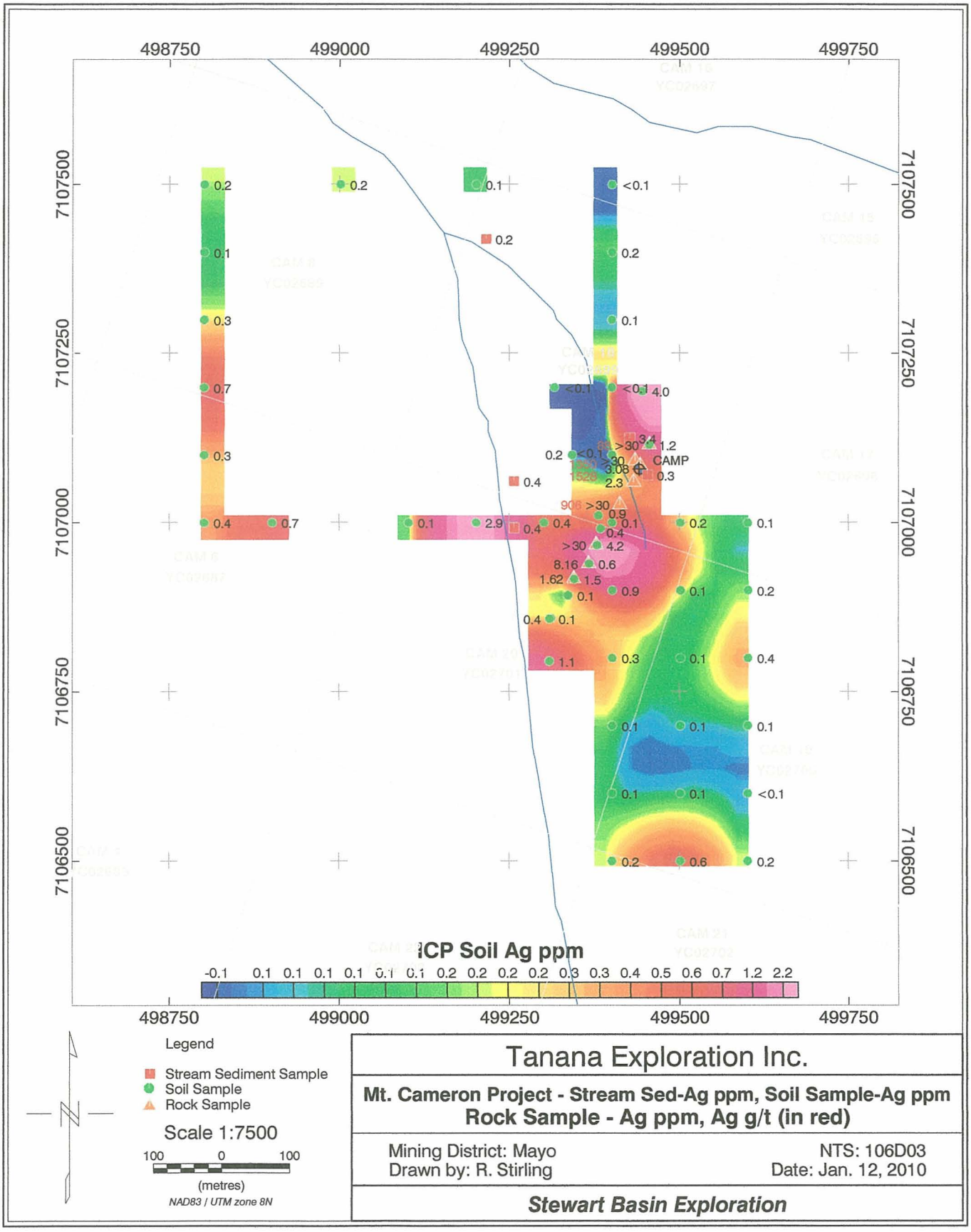
170.5
163.0
145.5
152.5
208.0
167.5
176.5
70.0
45.5
66.5
187.5
112.0
46.5
58.5
72.5
35.0
61.0
40.5
169.5
105.0
6.0
CAMP
7.0
104.5
55.0
3.0
3.5
47.5
111.5
154.5
142.0
79.0
94.0
120.5
55.5
124.5
14.5
85.0
21.0
91.5
128.5
67.5
68.0
99.0
100.0
105.0
88.0
24.0
463.5
136.5
97.0
161.5
136.0
100.5
55.5
64.5
34.0
77.0
71.5
60.0
57.0
ICP Soil Ba ppm
46 54 57 60 68 76 82 89 95 97 99 102 109 125 145 167 204
Legend
Stream Sediment Sample
Soil Sample
Rock Sample
Scale 1:7500
100 0 100
(metres)
NAD83 / UTM zone 8N
Tanana Exploration Inc.
Mt. Cameron Project - Stream Sediment, Soil & Rock Samples
Ba ppm
Mining District: Mayo
Drawn by: R. Stirling
NTS: 106D03
Date: Jan. 14, 2010
Stewart Basin Exploration



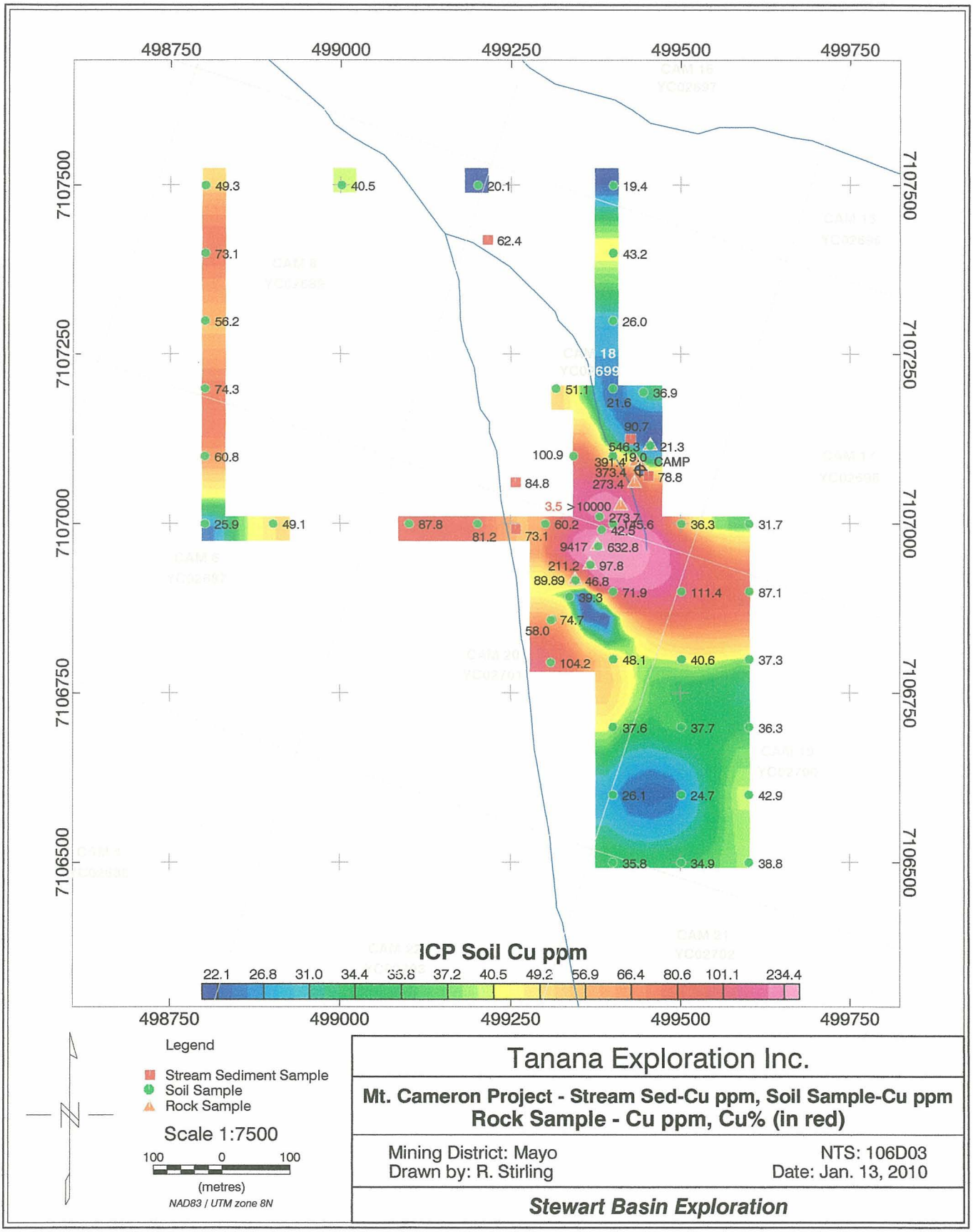

# Tanana Exploration Inc.

**Mt. Cameron Project - Stream Sed-Ag ppm, Soil Sample-Ag ppm**
**Rock Sample - Ag ppm, Ag g/t (in red)**

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 12, 2010

***Stewart Basin Exploration***



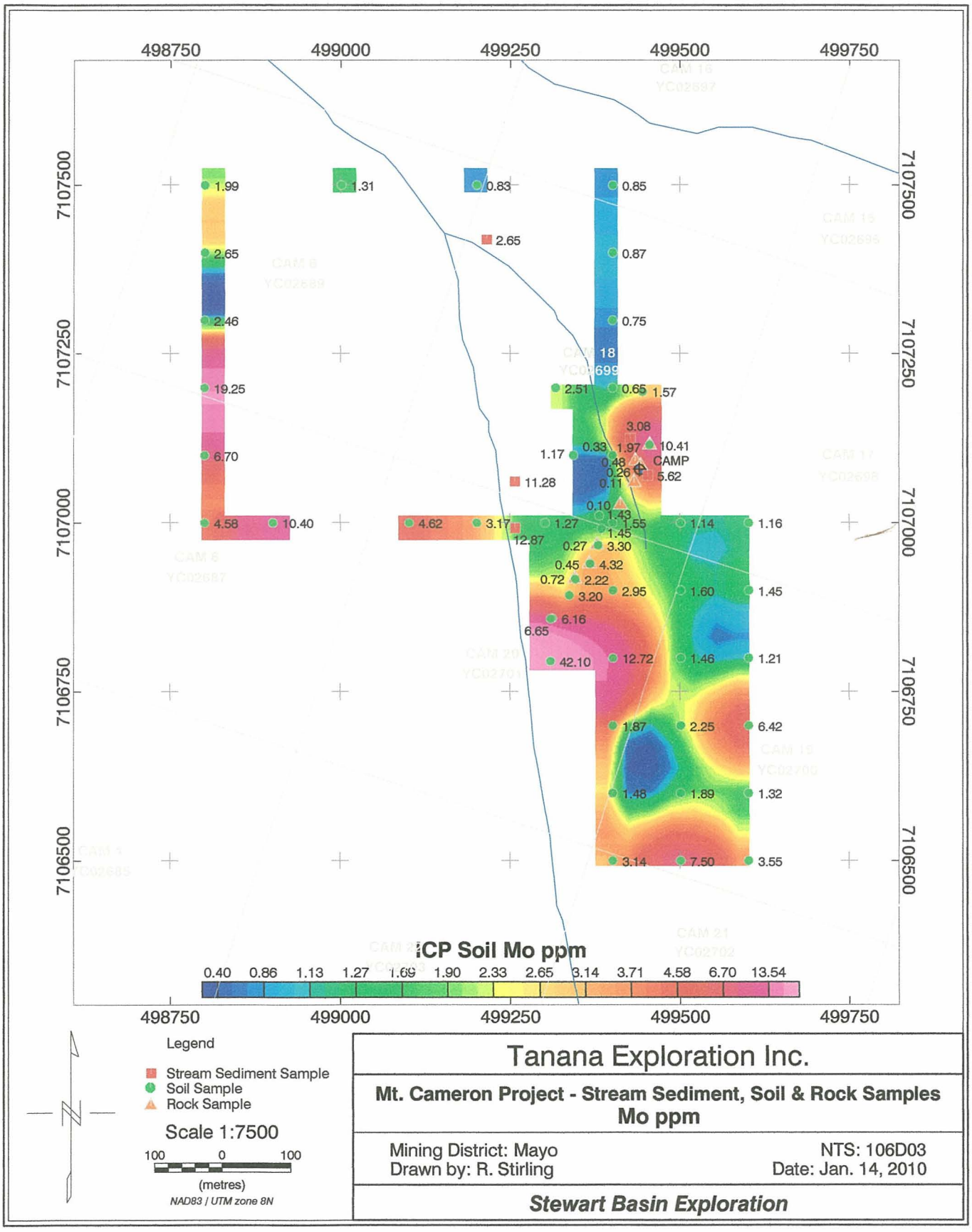

# Tanana Exploration Inc.

**Mt. Cameron Project - Stream Sed-Cu ppm, Soil Sample-Cu ppm**
**Rock Sample - Cu ppm, Cu% (in red)**

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 13, 2010

***Stewart Basin Exploration***



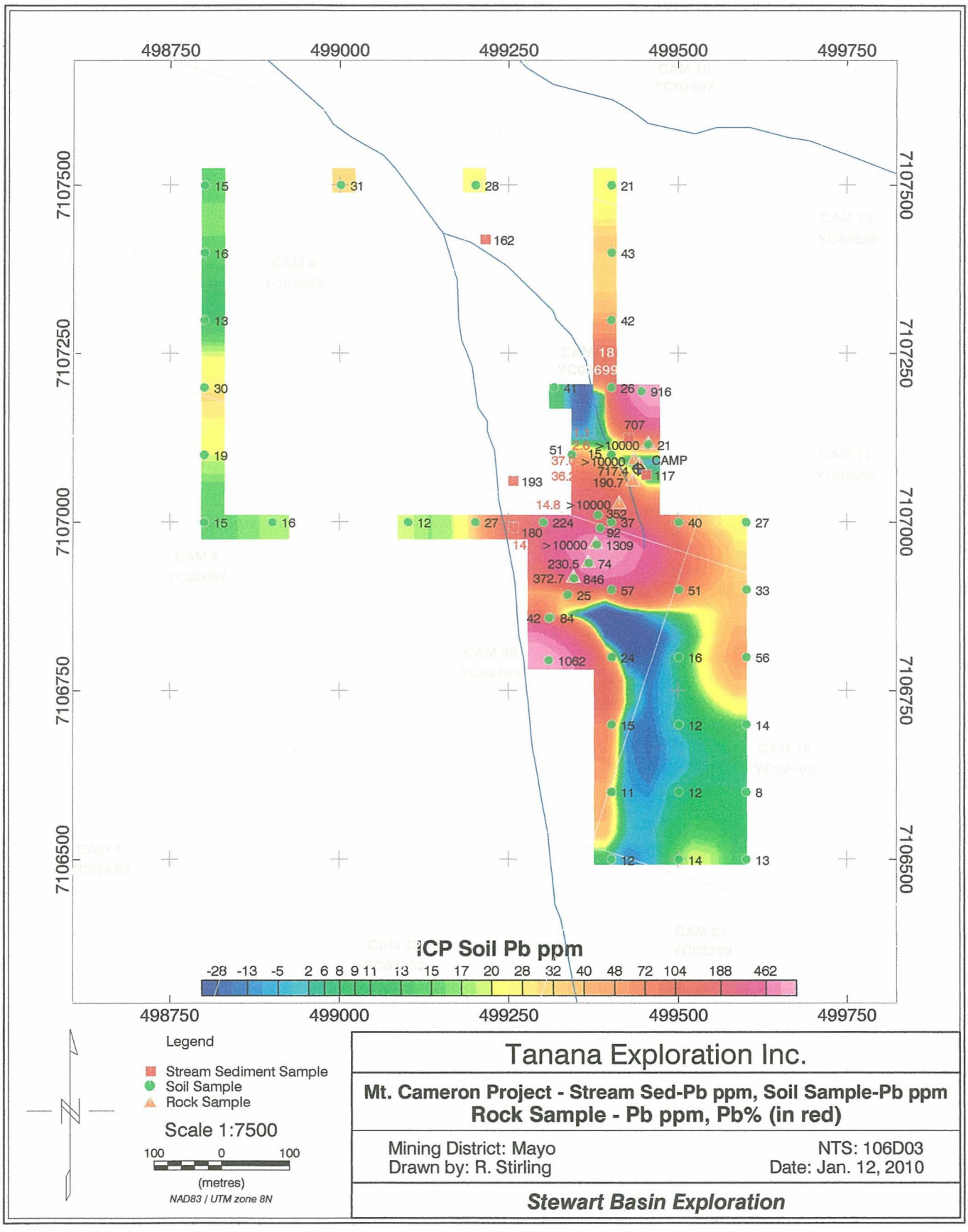

# Tanana Exploration Inc.

## Mt. Cameron Project - Stream Sediment, Soil & Rock Samples Mo ppm

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 14, 2010

***Stewart Basin Exploration***



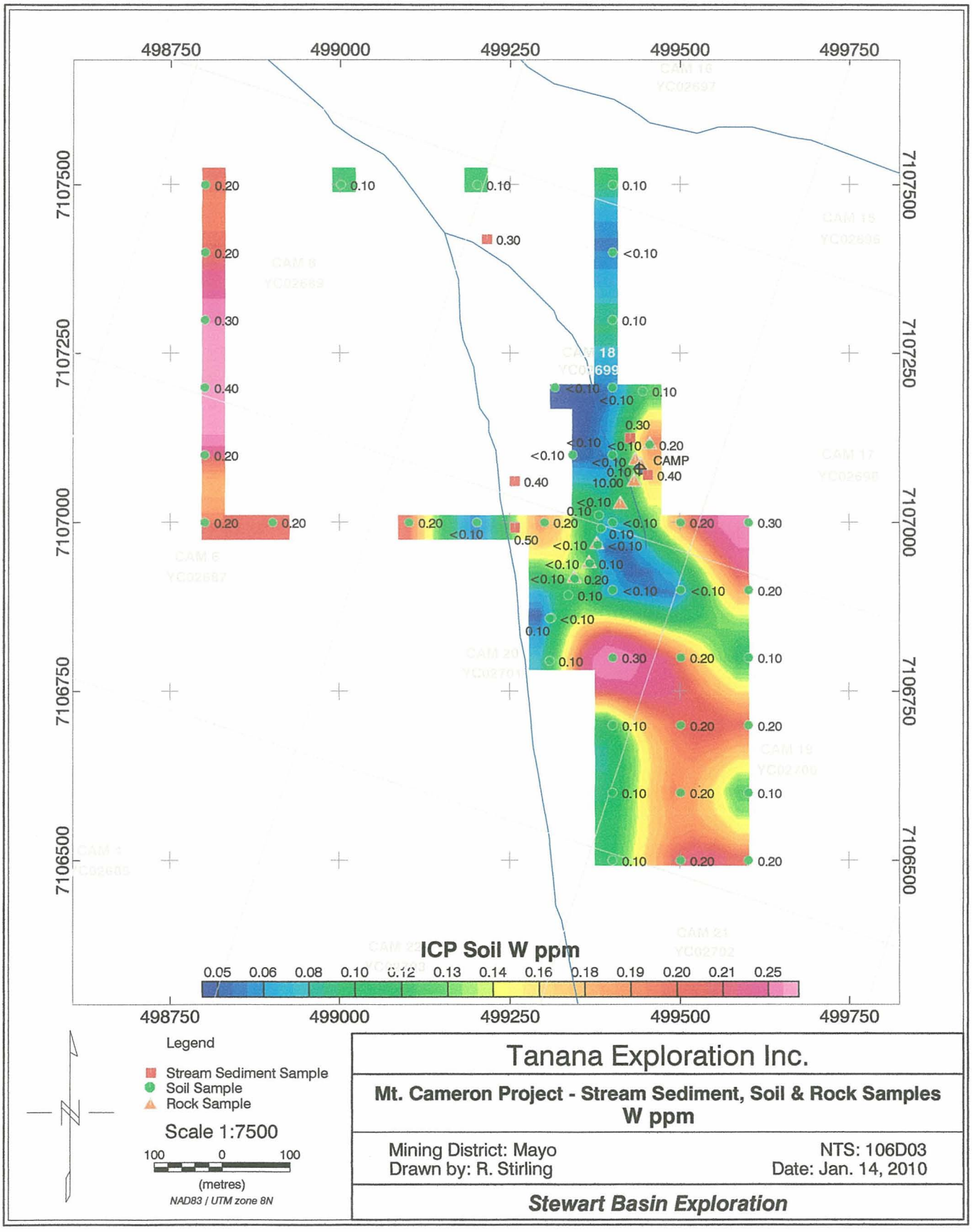

# Tanana Exploration Inc.

**Mt. Cameron Project - Stream Sed-Pb ppm, Soil Sample-Pb ppm**
**Rock Sample - Pb ppm, Pb% (in red)**

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 12, 2010

***Stewart Basin Exploration***



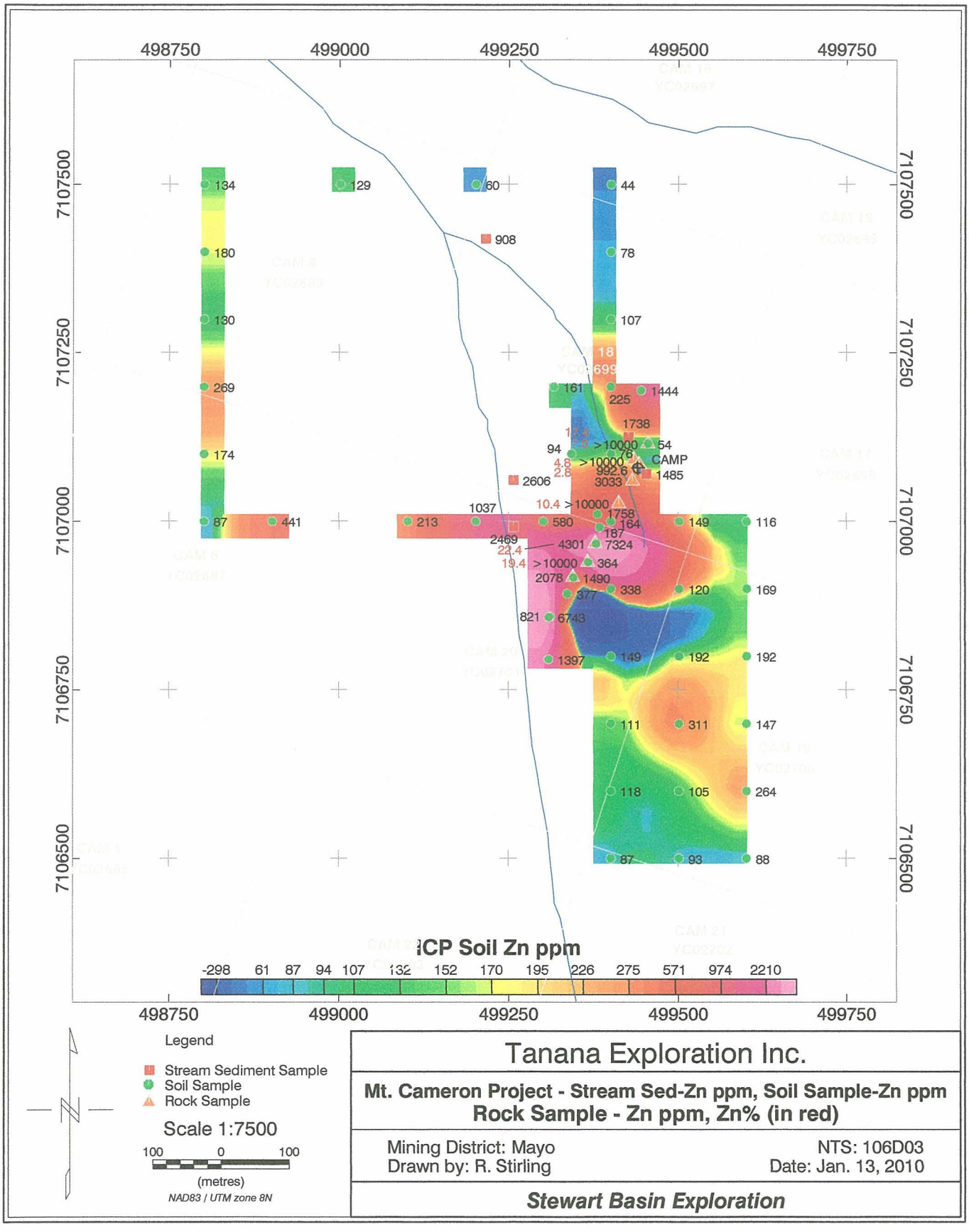

# Tanana Exploration Inc.

## Mt. Cameron Project - Stream Sediment, Soil & Rock Samples W ppm

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 14, 2010

***Stewart Basin Exploration***



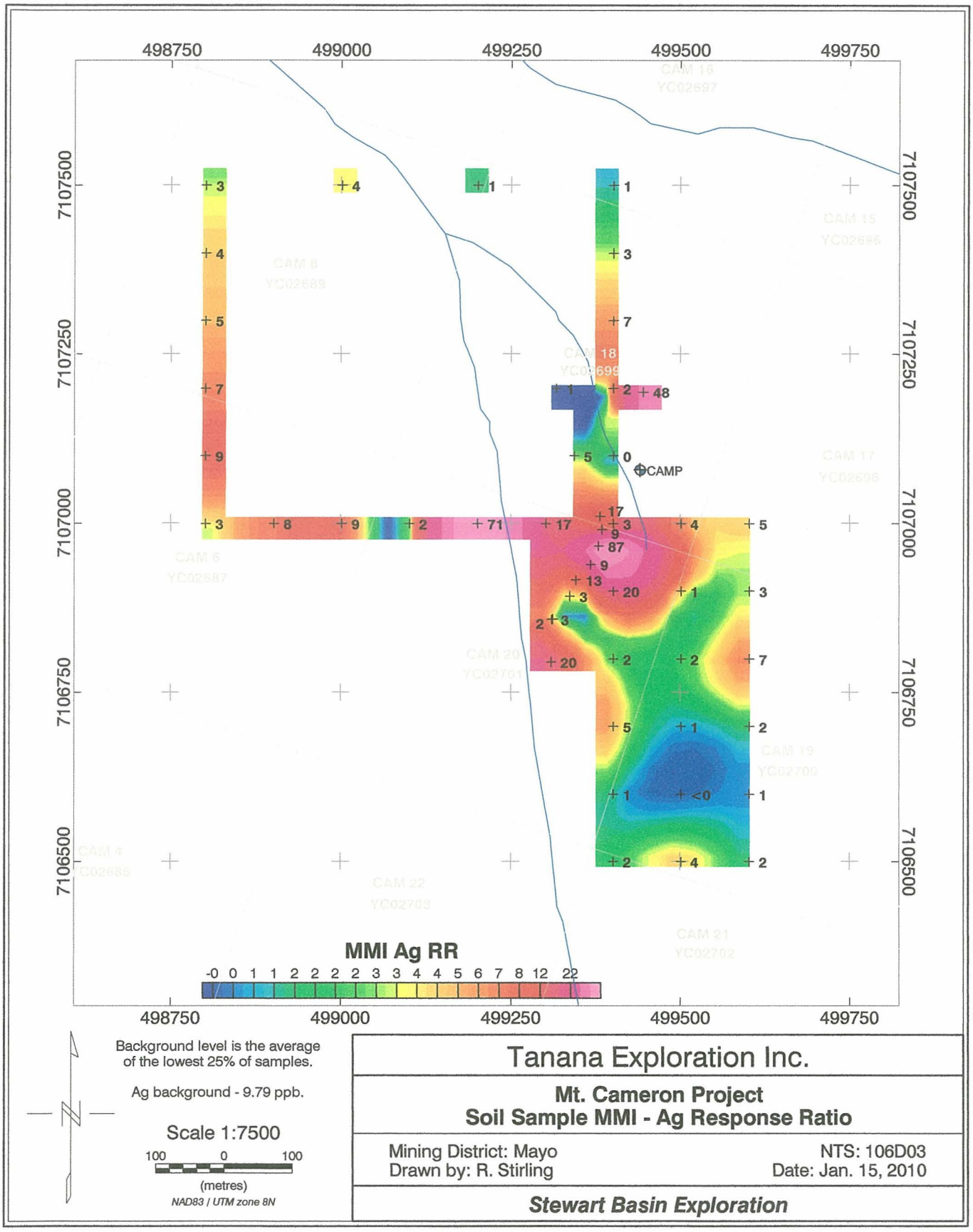

# Tanana Exploration Inc.

**Mt. Cameron Project - Stream Sed-Zn ppm, Soil Sample-Zn ppm Rock Sample - Zn ppm, Zn% (in red)**

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 13, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

Ag background - 9.79 ppb.

Scale 1:7500

100 0 100

(metres)

*NAD83 / UTM zone 8N*

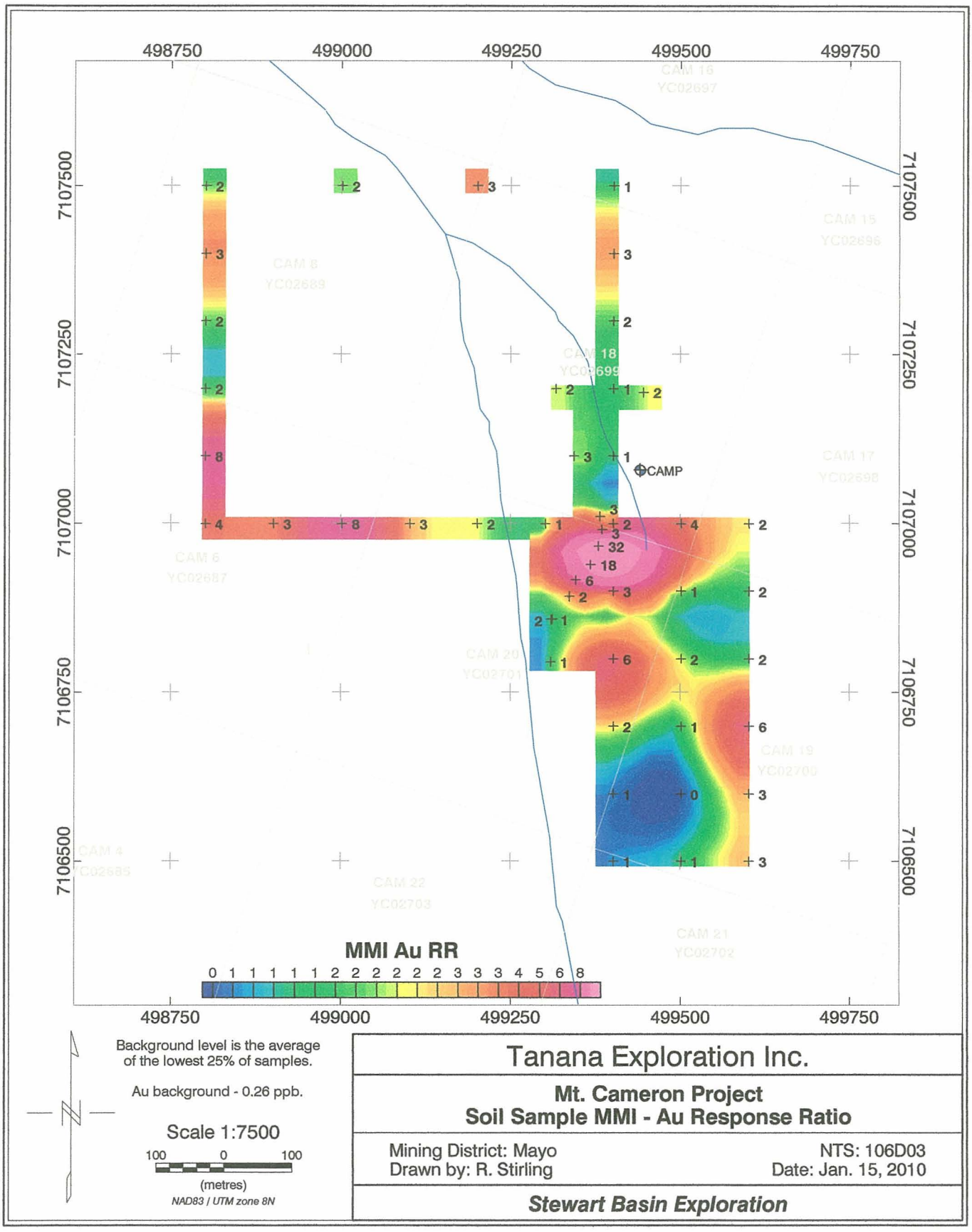
# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Ag Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***



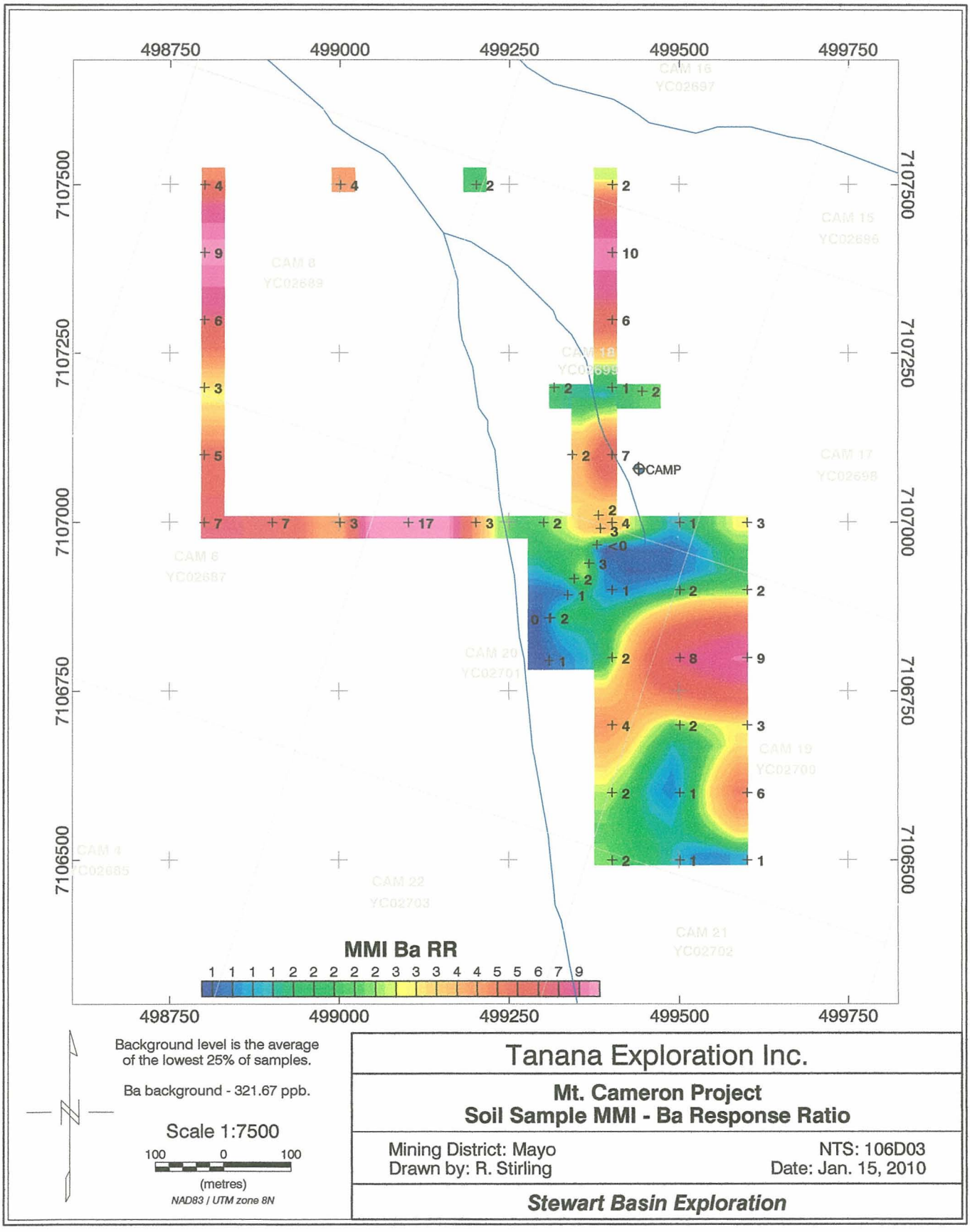

# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Au Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

Ba background - 321.67 ppb.

Scale 1:7500

100 0 100

(metres)

*NAD83 / UTM zone 8N*

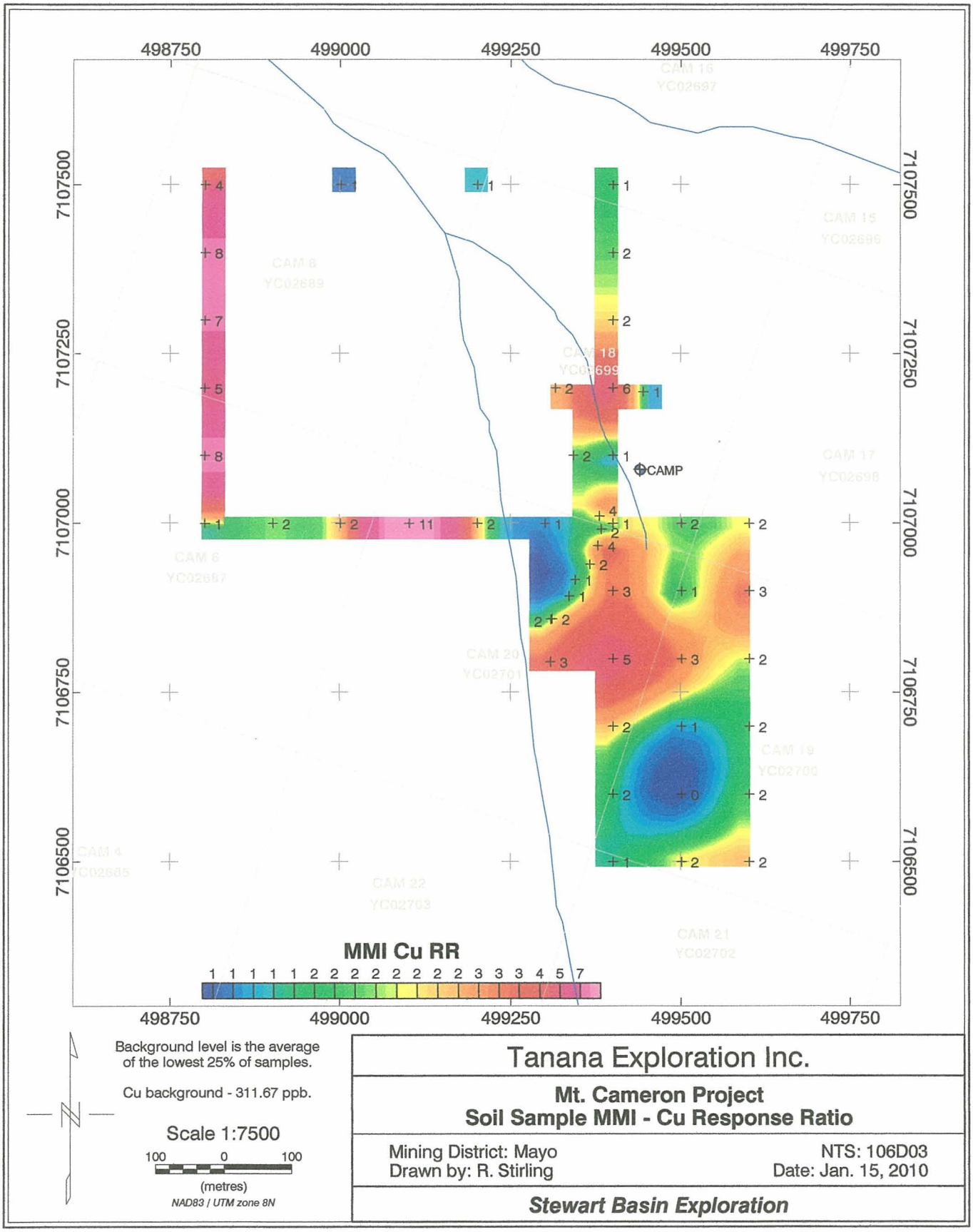
# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Ba Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***



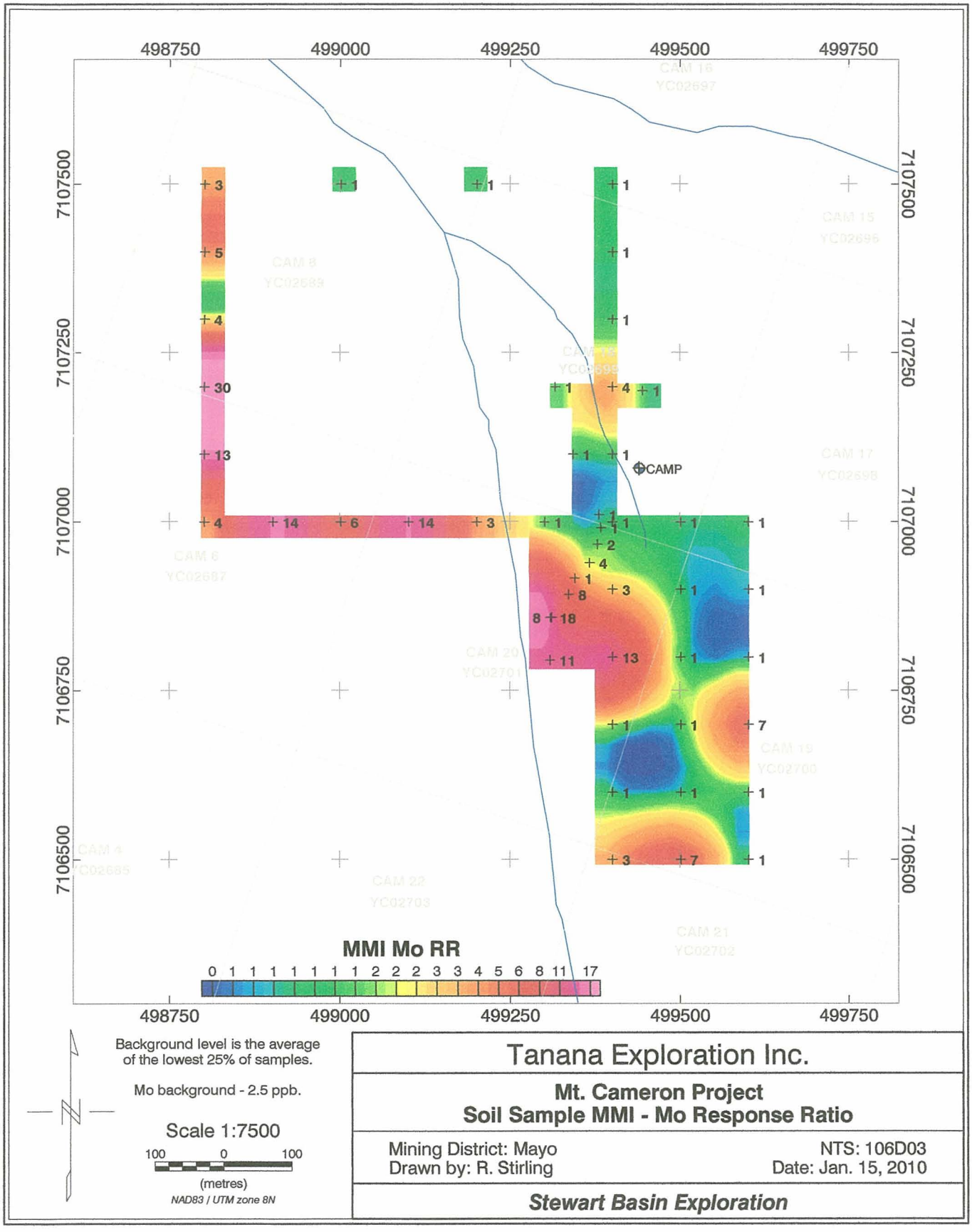

# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Cu Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

Mo background - 2.5 ppb.

Scale 1:7500

100 0 100

(metres)

*NAD83 / UTM zone 8N*

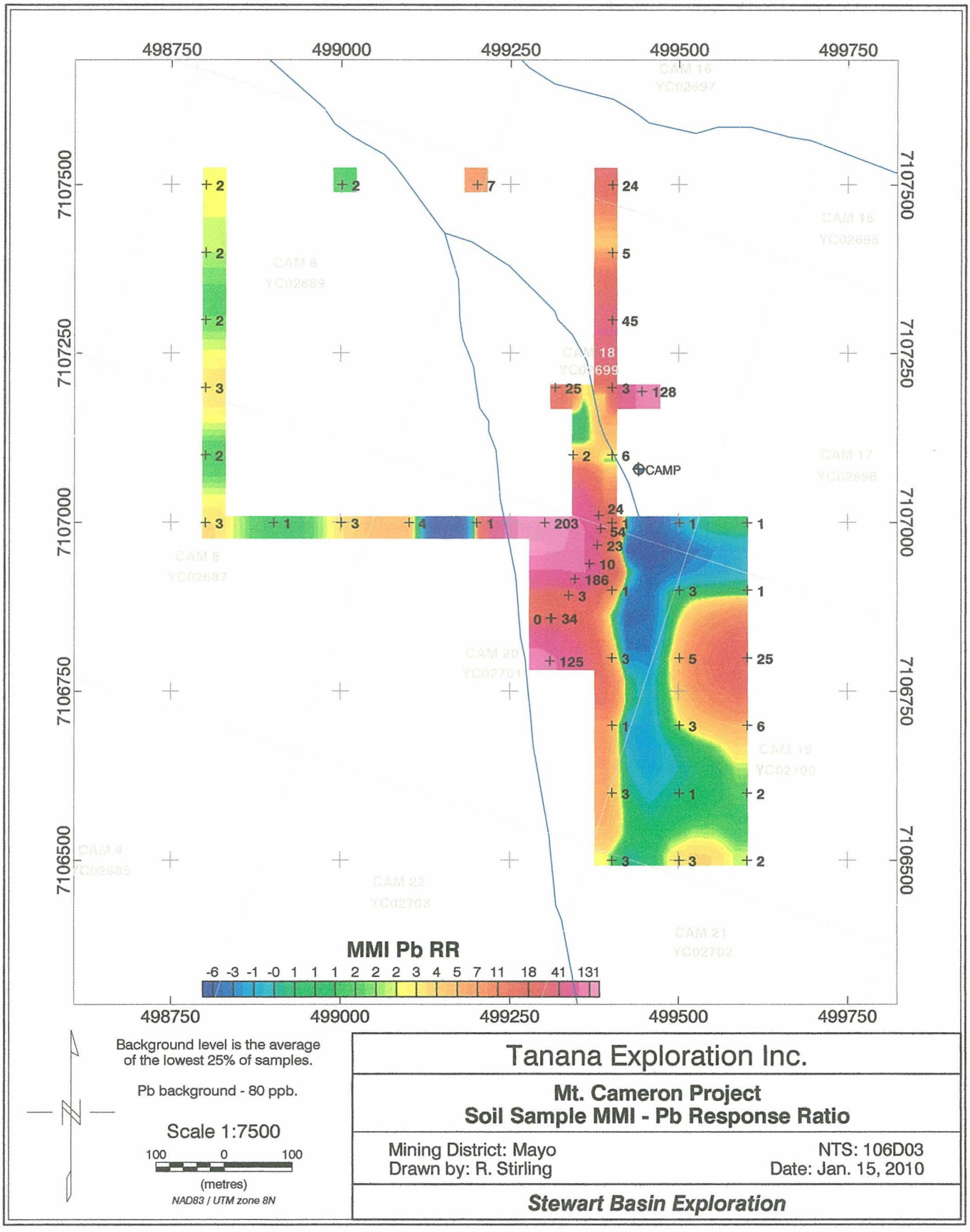
# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Mo Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

Pb background - 80 ppb.

Scale 1:7500

100 0 100

(metres)

*NAD83 / UTM zone 8N*

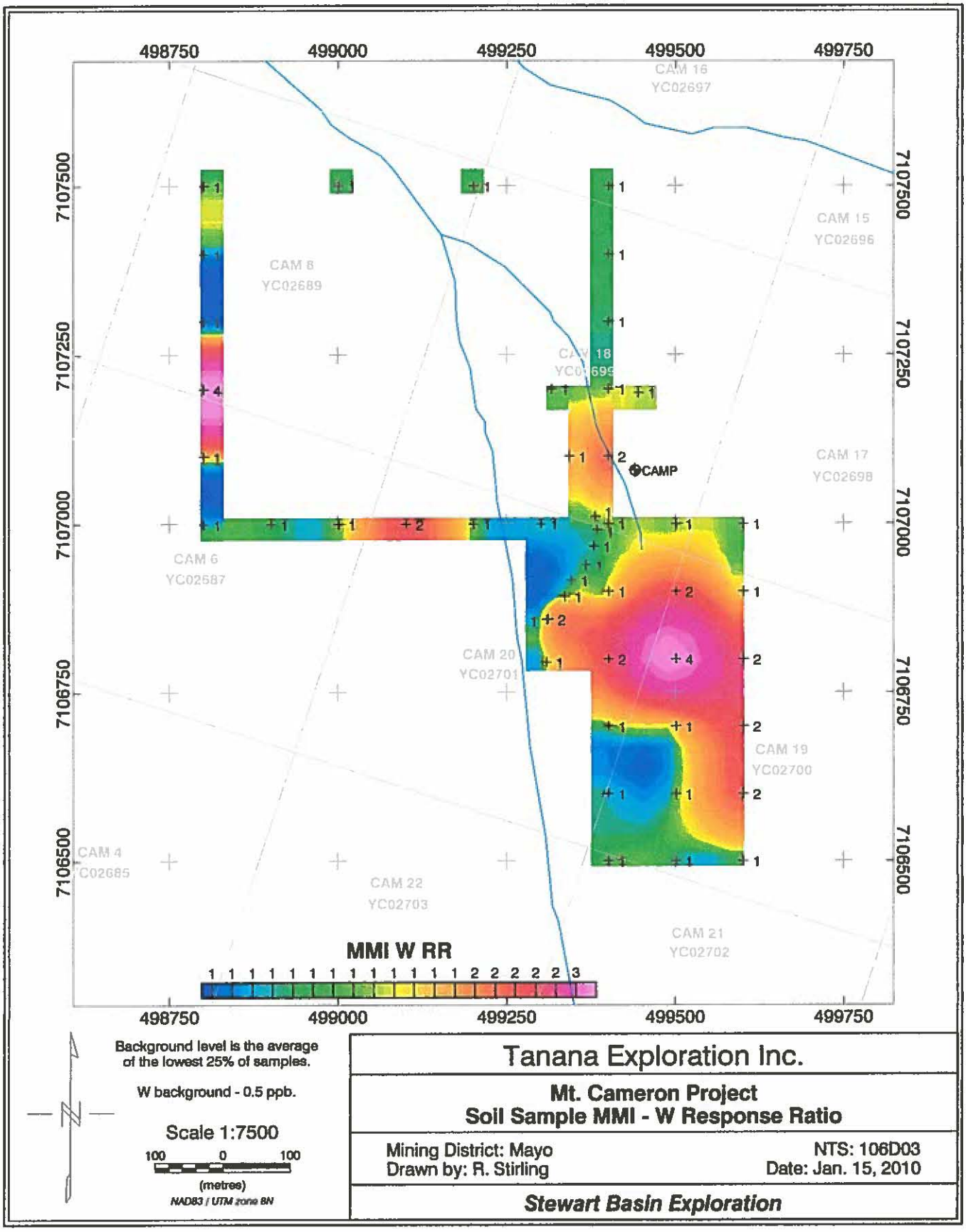
# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Pb Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

W background - 0.5 ppb.

Scale 1:7500

100 0 100

(metres)

NAD83 / UTM zone 8N

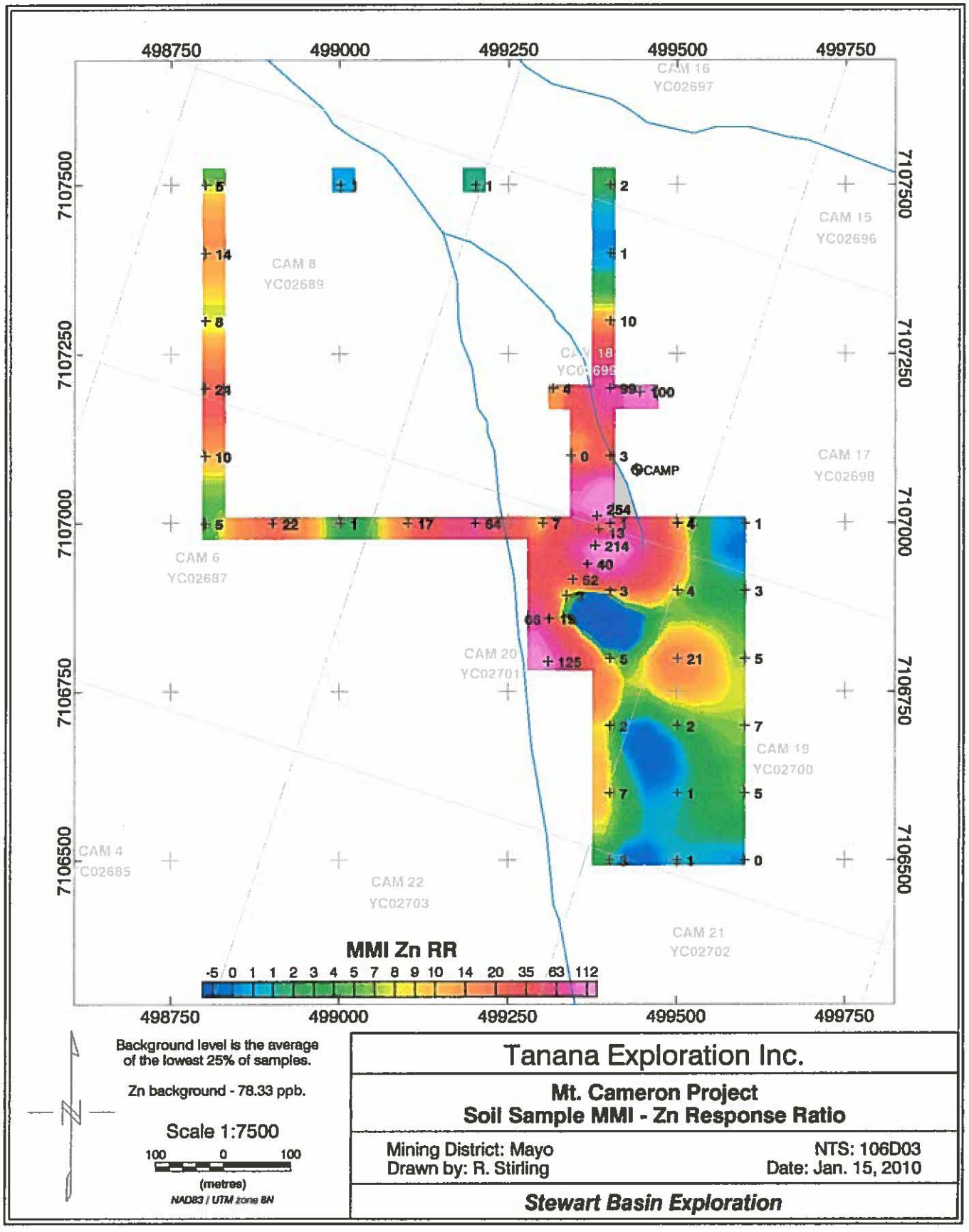
# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - W Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***




Background level is the average of the lowest 25% of samples.

Zn background - 78.33 ppb.

Scale 1:7500

100 0 100

(metres)

NAD83 / UTM zone 8N

# Tanana Exploration Inc.

## Mt. Cameron Project
## Soil Sample MMI - Zn Response Ratio

Mining District: Mayo
Drawn by: R. Stirling

NTS: 106D03
Date: Jan. 15, 2010

***Stewart Basin Exploration***

# ATTACHMENT D

# STATEMENT OF COST

## TANANA EXPLORATION INC.
## 27 Tutshi; Whitehorse, Yukon Y1A 3R4

September 30, 2009

PROJECT: Clark – Cam Project; Phase 1

CLIENT: Tanana Exploration Inc.; 27 Tutshi; Whitehorse, Yukon Y1A 3R4

TYPE OF REPORT: ICP & MMI Soil Survey & Prospecting; Phase 1

a) WAGES: two men @ $400.0 / day
No of days: 12
Total: $9600.0

b) FOOD: two men @ $35.0 / man / day
No of days: 12
Total: $840.0

c) TRAVEL: Type of Equipment: 1/2 ton truck; Bell Jet Ranger (Long Ranger) helicopter
Rate / kilometer: Truck – 1 @ $0.61 / km; 814km @ $0.61 / km = $496.54
Rate / flight: Helicopter @ $2000.0 / hr x 3 hours = $6000.00
No of days: 5
Total: $6496.54

d) RENTALS:
Rate / day:
No of days:
Total: $0.0

e) FIELD SUPPLIES: Flagging; Fuel; Picks & Shovels; Sample Bags @ Cost
Total: $150.0

f) ANALYSIS: 48 soil samples for MMI multi element leach plus shipping to Toronto
48 soil samples for 32 element ICP & shipping to Kamloops
8 rock samples for 32 element ICP & shipping to Kamloops
5 stream sediment samples for 32 element ICP in Kamloops
1 bulk gravel sample for gold & indicator pick in Nepean
Total: $2802.92

g) PREPARATION OF REPORT: Digital compilation, mapping, printing and binding at cost
Total: $600.0

h) FILING FEES: Registering work for assessment credits with Y.T.G. @ cost
Total: $987.0

COST: $21,326.46 + GST: $1,066.32 TOTAL COST: $22,392.78

# ATTACHMENT E

## STATEMENT OF QUALIFICATIONS
## WADE CARRELL

I am self-employed as President of Tanana Exploration Inc., which carries out reconnaissance prospecting and geological surveys of quartz and placer properties in the Yukon.

I have fifteen years prospecting and exploration experience in Alberta, B.C., N.W.T. and Yukon.

Completed Yukon Chamber of Mines "Basic Prospecting Coarse (1995)" and "Advanced Prospecting Coarse (1996 & 1998)", Cordilleran Roundup VMS short coarse (1999), Geoscience Forum Gemstone short coarse (2004), Calgary "Diamond Prospecting Short Coarse (2006)", Yukon Geological Survey "MMI Geochemistry and Sampling Coarse (2006)", etc.

Recent discoveries: Big Top VMS project (1997); Fox VMS property (1999); Spice Epithermal Gold project (2001); Clark / Cameron - Silver / Zinc deposits (2001); Moosehorn Vein Gold prospect (2006); King Lake Copper Porphyry prospect (2006).

I reside at 27 Tutshi Road, Whitehorse, and have been a resident of the Yukon since 1981.

I supervised the work on the Clark/Cam property.

W S Carrell

WADE S. CARRELL, PRESIDENT
TANANA EXPLORATION INC.

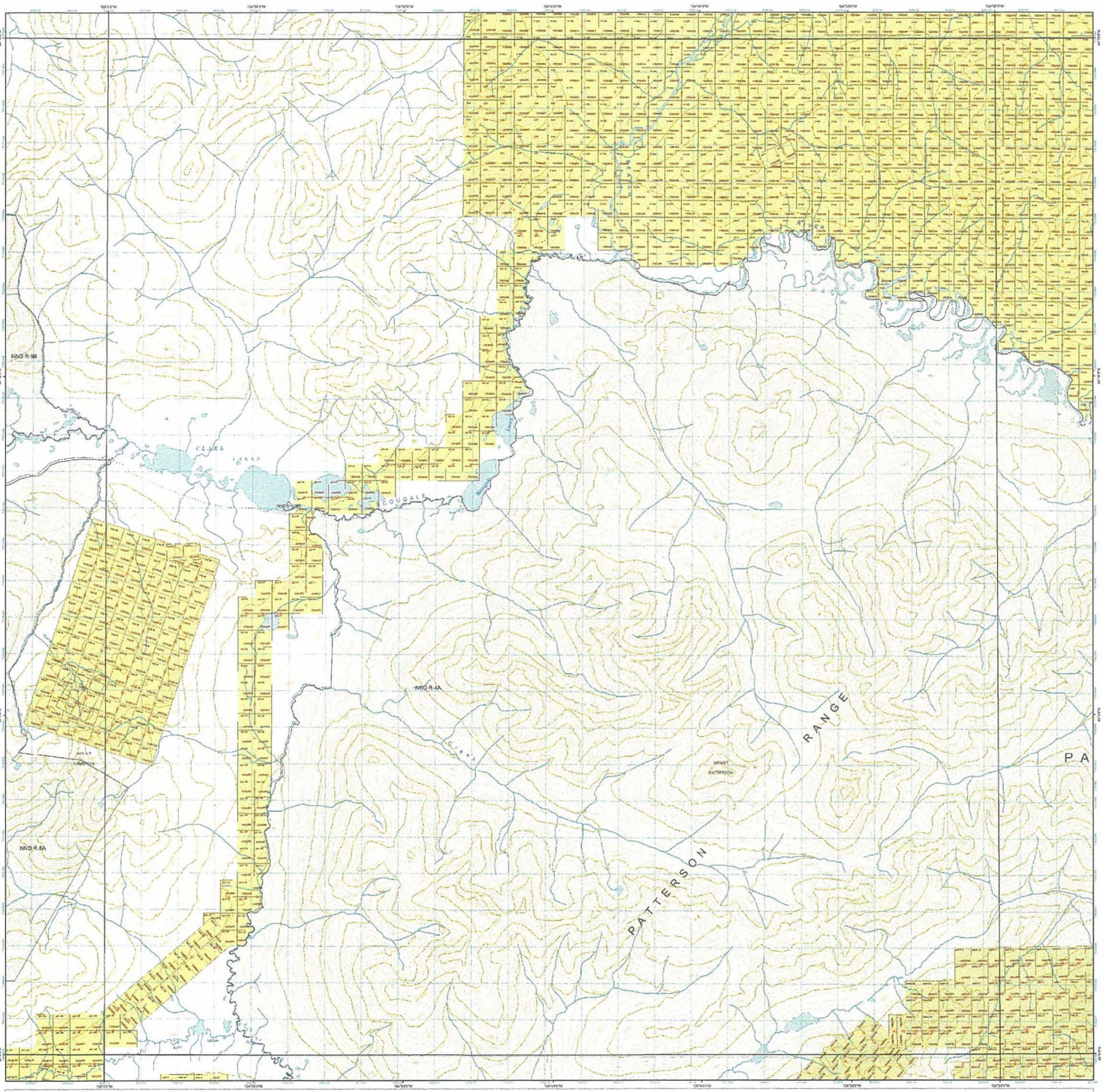
| Sample | Assay Type | Sample Type | East<br>NAD 83 / UTM Zone 8N | North<br>NAD 83 / UTM Zone 8N | ELEV<br>m |
|---|---|---|---|---|---|
| 716 | ICP | soil | 498801.20 | 7107499.53 | 1260 |
| 717 | ICP | soil | 498801.20 | 7107399.53 | 1278 |
| 718 | ICP | soil | 498801.20 | 7107299.54 | 1300 |
| 719 | ICP | soil | 498801.20 | 7107199.53 | 1344 |
| 720 | ICP | soil | 498801.20 | 7107099.53 | 1382 |
| 721 | ICP | soil | 498801.20 | 7106999.54 | 1433 |
| 727 | ICP | soil | 498901.20 | 7106999.54 | 1395 |
| 728 | ICP | soil | 499001.20 | 7107499.54 | 1239 |
| 739 | ICP | soil | 499101.20 | 7106999.54 | 1336 |
| 740 | ICP | soil | 499201.20 | 7107499.53 | 1242 |
| 745 | ICP | soil | 499201.20 | 7106999.54 | 1328 |
| 751 | ICP | soil | 499301.20 | 7106999.53 | 1317 |
| 752 | ICP | soil | 499401.20 | 7107499.53 | 1297 |
| 753 | ICP | soil | 499401.20 | 7107399.54 | 1306 |
| 754 | ICP | soil | 499401.20 | 7107299.53 | 1298 |
| 755 | ICP | soil | 499401.20 | 7107199.53 | 1305 |
| 756 | ICP | soil | 499401.20 | 7107099.54 | 1315 |
| 757 | ICP | soil | 499401.20 | 7106999.53 | 1339 |
| 758 | ICP | soil | 499401.20 | 7106899.53 | 1345 |
| 759 | ICP | soil | 499401.20 | 7106799.54 | 1377 |
| 760 | ICP | soil | 499401.20 | 7106699.54 | 1396 |
| 761 | ICP | soil | 499401.20 | 7106599.53 | 1385 |
| 762 | ICP | soil | 499401.20 | 7106499.53 | 1403 |
| 821 | ICP | soil | 499317.04 | 7107199.36 | 1301 |
| 822 | ICP | soil | 499343.20 | 7107099.53 | 1318 |
| 823 | ICP | soil | 499381.61 | 7107010.16 | 1331 |
| 824 | ICP | soil | 499384.23 | 7106990.78 | 1336 |
| 825 | ICP | soil | 499379.27 | 7106966.42 | 1335 |
| 826 | ICP | soil | 499367.85 | 7106939.03 | 1334 |
| 827 | ICP | soil | 499345.83 | 7106916.10 | 1337 |
| 828 | ICP | soil | 499336.58 | 7106892.09 | 1333 |
| 829 | ICP | soil | 499311.86 | 7106858.42 | 1332 |
| 830 | ICP | soil | 499309.50 | 7106857.54 | 1333 |
| 831 | ICP | soil | 499308.83 | 7106794.96 | 1345 |
| 832 | ICP | soil | 499445.66 | 7107193.99 | 1313 |
| 833 | ICP | soil | 499455.75 | 7107114.95 | 1312 |
| 768 | ICP | soil | 499501.20 | 7106999.53 | 300 |
| 769 | ICP | soil | 499501.20 | 7106899.53 | 1353 |
| 770 | ICP | soil | 499501.20 | 7106799.54 | 1399 |
| 771 | ICP | soil | 499501.20 | 7106699.53 | 1414 |
| 772 | ICP | soil | 499501.20 | 7106599.53 | 1432 |
| 773 | ICP | soil | 499501.20 | 7106499.54 | 1435 |
| 779 | ICP | soil | 499601.20 | 7106999.54 | 1354 |
| 780 | ICP | soil | 499601.20 | 7106899.54 | 1385 |
| 781 | ICP | soil | 499601.20 | 7106799.53 | 1405 |
| 782 | ICP | soil | 499601.20 | 7106699.53 | 1426 |
| 783 | ICP | soil | 499601.20 | 7106599.54 | 1459 |
| 784 | ICP | soil | 499601.20 | 7106499.53 | 1483 |

| Sample | Assay Type | Sample Type | East | North | ELEV |
|---|---|---|---|---|---|
| | | | NAD 83 / UTM Zone 8N | NAD 83 / UTM Zone 8N | m |
| 716 | MMI | soil | 498801.20 | 7107499.53 | 1260 |
| 717 | MMI | soil | 498801.20 | 7107399.53 | 1278 |
| 718 | MMI | soil | 498801.20 | 7107299.54 | 1300 |
| 719 | MMI | soil | 498801.20 | 7107199.53 | 1344 |
| 720 | MMI | soil | 498801.20 | 7107099.53 | 1382 |
| 721 | MMI | soil | 498801.20 | 7106999.54 | 1433 |
| 727 | MMI | soil | 498901.20 | 7106999.54 | 1395 |
| 728 | MMI | soil | 499001.20 | 7107499.54 | 1239 |
| 733 | MMI | soil | 499001.20 | 7106999.53 | 1357 |
| 739 | MMI | soil | 499101.20 | 7106999.54 | 1336 |
| 740 | MMI | soil | 499201.20 | 7107499.53 | 1242 |
| 745 | MMI | soil | 499201.20 | 7106999.54 | 1328 |
| 751 | MMI | soil | 499301.20 | 7106999.53 | 1317 |
| 752 | MMI | soil | 499401.20 | 7107499.53 | 1297 |
| 753 | MMI | soil | 499401.20 | 7107399.54 | 1306 |
| 754 | MMI | soil | 499401.20 | 7107299.53 | 1298 |
| 755 | MMI | soil | 499401.20 | 7107199.53 | 1305 |
| 756 | MMI | soil | 499401.20 | 7107099.54 | 1315 |
| 757 | MMI | soil | 499401.20 | 7106999.53 | 1339 |
| 758 | MMI | soil | 499401.20 | 7106899.53 | 1345 |
| 759 | MMI | soil | 499401.20 | 7106799.54 | 1377 |
| 760 | MMI | soil | 499401.20 | 7106699.54 | 1396 |
| 761 | MMI | soil | 499401.20 | 7106599.53 | 1385 |
| 762 | MMI | soil | 499401.20 | 7106499.53 | 1403 |
| 768 | MMI | soil | 499501.20 | 7106999.53 | 300 |
| 769 | MMI | soil | 499501.20 | 7106899.53 | 1353 |
| 770 | MMI | soil | 499501.20 | 7106799.54 | 1399 |
| 771 | MMI | soil | 499501.20 | 7106699.53 | 1414 |
| 772 | MMI | soil | 499501.20 | 7106599.53 | 1432 |
| 773 | MMI | soil | 499501.20 | 7106499.54 | 1435 |
| 779 | MMI | soil | 499601.20 | 7106999.54 | 1354 |
| 780 | MMI | soil | 499601.20 | 7106899.54 | 1385 |
| 781 | MMI | soil | 499601.20 | 7106799.53 | 1405 |
| 782 | MMI | soil | 499601.20 | 7106699.53 | 1426 |
| 783 | MMI | soil | 499601.20 | 7106599.54 | 1459 |
| 784 | MMI | soil | 499601.20 | 7106499.53 | 1483 |
| 821 | MMI | soil | 499317.04 | 7107199.36 | 1301 |
| 822 | MMI | soil | 499343.20 | 7107099.53 | 1318 |
| 823 | MMI | soil | 499381.61 | 7107010.16 | 1331 |
| 824 | MMI | soil | 499384.23 | 7106990.78 | 1336 |
| 825 | MMI | soil | 499379.27 | 7106966.42 | 1335 |
| 826 | MMI | soil | 499367.85 | 7106939.03 | 1334 |
| 827 | MMI | soil | 499345.83 | 7106916.10 | 1337 |
| 828 | MMI | soil | 499336.58 | 7106892.09 | 1333 |
| 829 | MMI | soil | 499311.86 | 7106858.42 | 1332 |
| 830 | MMI | soil | 499309.50 | 7106857.54 | 1333 |
| 831 | MMI | soil | 499308.83 | 7106794.96 | 1345 |
| 832 | MMI | soil | 499445.66 | 7107193.99 | 1313 |

| Sample | Assay Type | Sample Type | East | North | ELEV |
|---|---|---|---|---|---|
| | | | NAD 83 / UTM Zone 8N | NAD 83 / UTM Zone 8N | m |
| 841 | ICP | stream sed | 499257.35 | 7106991.69 | 1313 |
| 842 | ICP | stream sed | 499452.82 | 7107069.96 | 1308 |
| 843 | ICP | stream sed | 499257.15 | 7107060.78 | 1301 |
| 844 | ICP | stream sed | 499215.72 | 7107418.94 | 1228 |
| 845 | ICP | stream sed | 499427.05 | 7107124.57 | 1300 |

| Sample | Assay Type | Sample Type | East | North | ELEV |
|---|---|---|---|---|---|
| | | | NAD 83 / UTM Zone 8N | NAD 83 / UTM Zone 8N | m |
| 833 | ICP | rock | 499455.75 | 7107114.95 | 1312 |
| 834 | ICP | rock | 499434.92 | 7107091.65 | 1302 |
| 835 | ICP | rock | 499442.20 | 7107084.54 | 1307 |
| 836 | ICP | rock | 499378.00 | 7106967.00 | |
| 837 | ICP | rock | 499367.00 | 7106939.00 | |
| 838 | ICP | rock | 499345.00 | 7106917.00 | |
| 839 | ICP | rock | 499412.81 | 7107026.36 | 1323 |
| 840 | ICP | rock | 499432.40 | 7107059.59 | 1316 |

106D02




# 106D02
## MINING CLAIMS

District Mayo
Date Dec 02, 2009

Universal Transverse Mercator Zone 8
North American Datum 1983
Scale 1:50 000

| | | |
|---|---|---|
| 106D06 | 106D07 | 106D08 |
| 106D03 | 106D02 | 106D01 |
| 105M14 | 105M15 | 105M16 |

**Mining**
Placer mineral claims
Unsurveyed baselines
Surveyed baselines
Active
Expired
Surveyed
Quartz mineral claims
Location line direction
Active
Expired
Surveyed
Coal Tenure
Exploration licence
Mining lease
Expired

**Administrative boundaries**
Administrative
Municipal
Community
Mining district
Parks and protected areas
Not withdrawn from staking mineral claims
Withdrawn from staking mineral claims
First Nation unsettled lands
Unsurveyed
Interim protected
Withdrawn from staking mineral claims
First Nation settlement lands
Unsurveyed
A
B
FS
First Nation settlement lands
Surveyed
A
B
FS

**Land Tenure**
Land applications
Active
Denied
Land dispositions
Agreement for sale
Easement
Land use application
Lease
Licence
Notations
Reservation
Others
Agricultural Land
Applications
Dispositions
Legal survey
Easements
Land parcels

**Base map features**
Mapsheet index
1:50K mineral index
Basemap index
Topographic
Contour line interval= 100 feet
Contour line interval= 500 feet
Hydrographic
Watercourses
Sand and dry river bed
Waterbody
Transportation routes
Highway
Main
Secondary
Trail
Cutline
Winter
Railway
Ferry route

**District Offices Contact**

**Whitehorse District Office:**
Box 2703 Whitehorse, YT Y1A 2C6
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email: whitehorse.mining@gov.yk.ca

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email: dawson.mining@gov.yk.ca

**Watson District Office:**
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email: watson.mining@gov.yk.ca

**Mayo District Office:**
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**Yukon Geological Survey**
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Phone: (867) 667-3200 Fax: (867) 667-3150
email: geoscience@gov.yk.ca

**Sources**

**NRCan NTDB**
© Her Majesty the Queen in Right of Canada, National Topographic Data Base, NRCan/NTDB software edition, Ottawa: Natural Resources Canada, Geomatics Canada, 2008.

Natural Resources Canada, Lands, Dundurn, National Topographic Data Base, NRCan/NTDB software edition, Ottawa: Natural Resources Canada, Geomatics Canada, 1995.

National Topographic Database (NTDB) Enter Majesty the Queen in Right of Canada, Department of Natural Resources. All rights reserved.

**National Road Network**
GeoBase Prod.ct Specifications. National Road Network of Canada, Level 1 (Edition 1.0, January 2003)

**Legal Survey Data**
Canada Lands Digital Cadastral Data Enter Majesty the Queen in Right of Canada, Department of Natural Resources. All rights reserved.

**Land Information**
Energy, Mines and Resources Lands Branch
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Fax: (867) 667-3214
email: landsdisposition@gov.yk.ca

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Box 2703, Whitehorse, Yukon Y1A 2C6
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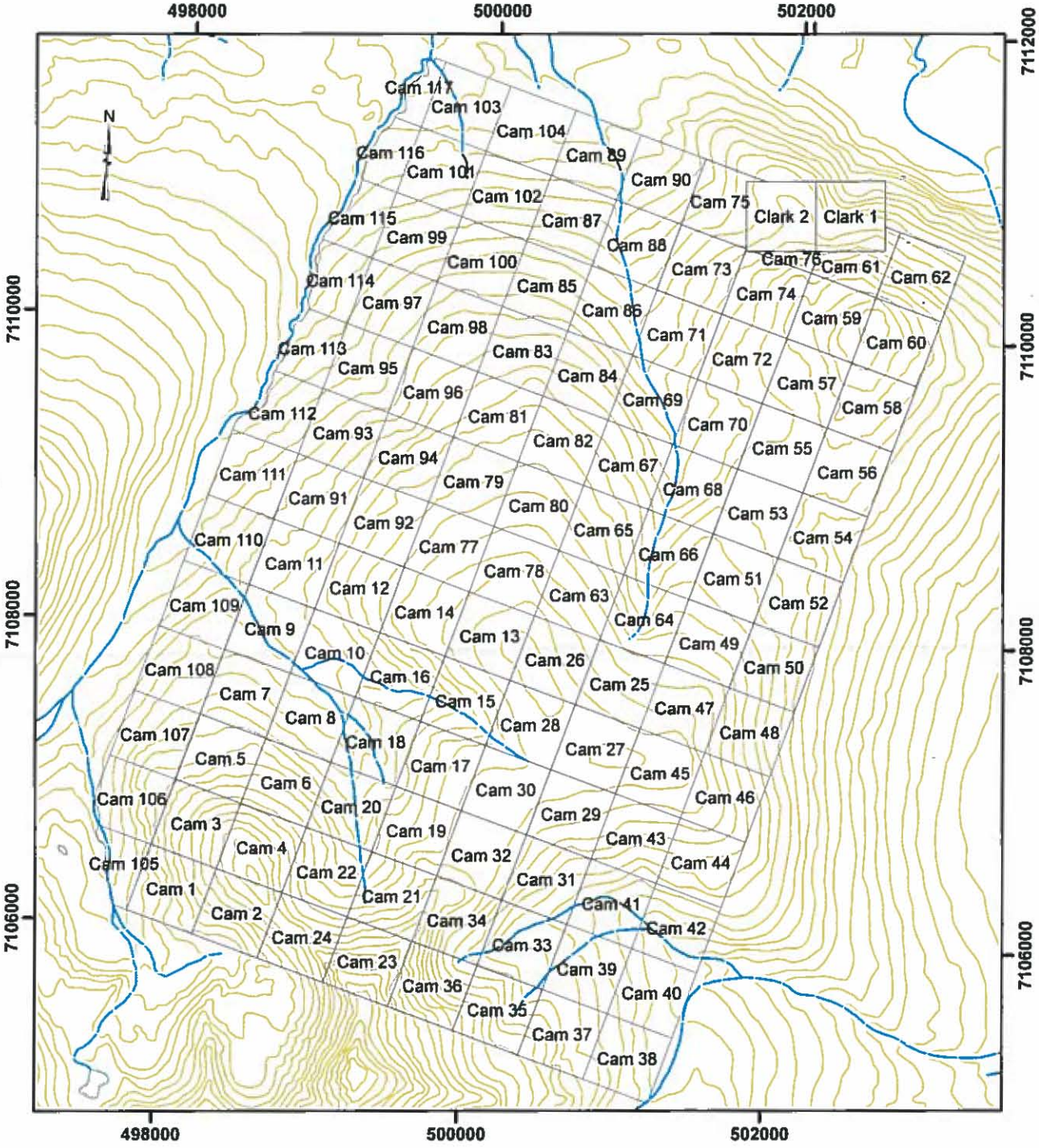
Fax: (867) 393-6222
email: agriculture@gov.yk.ca

**Parks and Protected Areas**
Yukon Department of Environment
Box 2703, Whitehorse, Yukon Y1A 2C6
Ph: (867) 667-5652 1-800-661-0408 ext. 5652
Fax: (867) 393-6213
email: environmentyukon@gov.yk.ca

**Unsurveyed or Interim Protective Land Claims**
Indian and Northern Affairs Canada
Room 415C – 300 Main Street
Whitehorse, YT Y1A 2B5
Ph: (867) 667-3958 (1-800-661-0451
Fax: (867) 667-3951




0 0.5 1 2 3 4 Kilometers

## Claim map

## Clark/Cam Claims

**NTS 106D-02**
**Nad 83, Zone 8, Yukon Albers Projection**