

**2012 Assessment Report  
for the  
OGI Claim Property**

**Soil Geochemistry**

**YMIP # 12-070**

**(180 Claims)**

OGI 1 – OGI 2 (YD145301-YD145302)  
OGI 3 – OGI 164 (YD145103-YD145264)  
OGI 169 – OGI 184 (YD145269-YD145284)

**NTS Map Sheet: 116B01  
Latitude: 64° 8' 36"N  
Longitude: 138° 23' 50"W  
Dawson Mining District**

Prepared for:

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October 10<sup>th</sup>, 2012

Period of work: July 16<sup>th</sup> - 25<sup>th</sup>, 2012

## Table of Contents

Summary .....	4
Introduction.....	5
Location and Access .....	5
Claim Information.....	5
Physiography and Climate.....	9
Property History.....	10
Regional Geology .....	10
Introduction.....	10
Stratigraphy.....	11
Intrusive Rocks .....	12
Structure.....	12
Local Geology.....	13
Deposit types and Mineralization Potential .....	13
Regional Geochemical Survey.....	13
2012 Exploration Program.....	17
Geochemical Survey and Analytical Method .....	26
Conclusions and Recommendations .....	27
Statement of Expenses .....	28
Statement of Qualifications.....	29
References.....	30

## **Figures**

Figure 1 OGI Property Location .....	6
Figure 2 OGI Claims.....	7
Figure 3 OGI claims with exploration work 2012 .....	8
Figure 4 OGI Camp and surrounding topography .....	9
Figure 5 Regional Geology .....	14
Figure 6 Local Geology Map.....	15
Figure 7 Regional Geochemical Survey (Gold PPB results).....	16
Figure 8 2012 Geochemical Survey Grid and Geological Structural Interpretation .....	18
Figure 9 Soil Sample Locations and Tag Numbers .....	19
Figure 10 Soil Sample Results for Gold in PPB .....	20
Figure 11 Thematic Map for Gold in PPB.....	21
Figure 12 Rock Sample Locations.....	22
Figure 13 Rock Sample Descriptions .....	23
Figure 14 Outcrop Geology Map.....	24
Figure 15 Outcrop of Road River Group shale.....	25
Figure 16 Augite-Phyric Basalt (pen for scale) .....	25

## **Appendices**

Appendix I OGI Claim List

Appendix II Sample No. and Reference Location

Appendix III Metal Plots

Appendix IV Assay Certificates

## Summary

This technical report documents the qualifying mineral exploration work conducted during the 2012 exploration program, and has been provided to satisfy the reporting requirements for Yukon assessment reports and the Target Evaluation section of the Yukon Mining Incentive Program (YMIP). Partial funding for the 2012 exploration work conducted on the OGI property was provided through YMIP.

The OGI Property is located in the Dawson Mining District (NTS map sheet 116B01) with the center of the claims at longitude 64° 8' 36"N and latitude 138° 23' 50"W. The Property is approximately 4 kilometres northwest of Golden Predator's Brewery Creek property that hosts a National Instrument Policy 43-101 compliant resources of 581,000 indicated gold ounces in 20,417,000 tonnes at 0.89 g/t Au and 346,000 inferred gold ounces in 12.99 million tonnes at 0.83 g/t Au (Golden Predator news release, October 4, 2012).

The exploration program was conducted on the OGI property during July, 2012. From July 16<sup>th</sup> to July 25<sup>th</sup>, a 5-person crew was mobilized by helicopter to the OGI property, a seasonal camp was constructed, and a geochemical soil sampling survey was completed along with limited geological mapping and prospecting. The geochemical soil sampling survey consisted of a grid comprised of 13 lines oriented east-west and totalling 18.2 kilometres, with soil sample station spacing of 50 metres and line spacing of 150 metres, as well as a 1.0 kilometre contour line with 50 metre soil sample station spacing. A total of 377 soil samples were taken using haddocks and augers. An additional 9 rock samples were taken during prospecting and geological mapping.

The purpose of the survey was to cover a target area where previous exploration by other operators defined a broad 3 km<sup>2</sup> 30 ppb gold geochemical stream silt anomaly coincident with a geophysical survey MAG high anomaly interpreted to be a buried intrusion, and also coincident with a low K/Th ratio radiometric geophysical survey anomaly interpreted to be caused by hydrothermal alteration (Van Damme et al.1997). The target area also covers a historic MINFILE occurrence consisting of a grab sample (#3AR0235A) of quartz monzonite float rock that assayed 895 ppb Au (MINFILE 116B 165).

The highest gold value returned was 3,700 ppb Au in soil sample #M648313, located about 250 metres up slope from MINFILE occurrence sample #3AR0235A that assayed 895 ppb Au. Other results from the geochemical survey indicate that mineralization appears to be structurally controlled or associated with a dominant inferred northeast fault that transects the property, with elevated background values of gold, copper, zinc, nickel, molybdenum and silver aligned within the eastern flank of the fault zone.

Additional work is warranted on the OGI property and should focus on additional soil sampling, prospecting and geological mapping, with priority target areas being where soil sample #M648313 returned 3,700 ppb Au and in the southeast area of the existing grid that returned elevated metal background values.

## **Introduction**

The OGI Property consists of 180 active quartz mining claims located in the Dawson Mining District (NTS map sheet 116B01) with the center of the claims at Longitude 64° 8' 36"N and Latitude 138° 23' 50"W (Figure 1).

The claims were staked in October, 2011 for Fox Exploration Ltd. to cover a target area where previous exploration by other operators resulted in a broad 3 km<sup>2</sup> 30 ppb gold geochemical anomaly coincident with a geophysical survey MAG high anomaly interpreted to be a buried intrusion, and also coincident with a low K/Th ratio radiometric geophysical survey anomaly over the same area that is interpreted to be caused by hydrothermal alteration (Van Damme et al.1997). The area also covers a historic MINFILE occurrence consisting of a quartz monzonite float grab sample that assayed 895 ppb Au (MINFILE # 116B165).

A soil sampling geochemical survey was conducted on the property by Fox Exploration Ltd. during the period July 16<sup>th</sup> -July 25<sup>th</sup>, 2012. The field crew consisted of Cor Coe, P.Geo. (Senior Geologist), Ryan Coe, B.Sc. (Geotech), Jeff Bridge, M.Sc. (Geotech), Dan Crabbe (Labourer) and Scott McLeod (Camp Cook and Labourer). In addition to the survey, limited traversing consisting of geological mapping, prospecting and rock sampling was conducted.

A total of 377 soil samples and 9 rock samples were submitted to the ALS Minerals laboratory in Whitehorse for gold fire assay as well as a 35 element ICP analysis. The exploration work was partially funded through the Yukon Mining Incentive Program.

## **Location and Access**

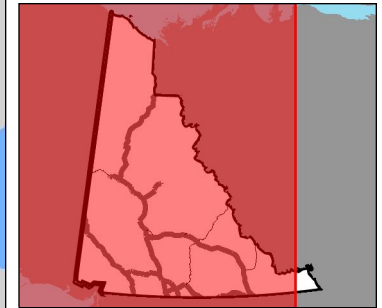
The OGI Property is located in the Dawson Mining District in the Yukon, approximately 51 kilometres east of Dawson City and 4 kilometres northwest of Golden Predator's Brewery Creek Mine. The property is located on NTS map sheet 116B01 and centered at latitude 64° 8' 36"N and longitude 138° 23' 50"W.

Access to within 8 kilometres of the OGI property is by paved road from Whitehorse to the Dempster Highway and then by good all season gravel road up the Dempster highway for 25 kilometres. A helicopter is then required for the remaining 8 kilometres east to the property (Figure 1).

## **Claim Information**

The OGI Property is located in the Dawson Mining District and is comprised of 180 contiguous quartz claims acquired in accordance with the Yukon Quartz Mining Act. The claims are registered in the name of Fox Exploration Ltd. and were staked for Fox in October, 2011. A claim location map is shown in Figure 2. Appendix I lists the individual OGI claims, tag numbers and expiry dates. The 2012 exploration program was conducted on OGI claims 26, 55-66, 89-96, 98,126,147, 149, and 151-154 (Figure 3).

# OGI Location Map



**Legend**

- Yukon Border - Surveyed
- Places (Primary)
  - City
  - Town
  - Municipality
  - Village
  - Community
- Regional Overview
  - Ocean
  - Yukon
  - Other



Fox Exploration Ltd.  
OGI Property Location

Scale: 1:11,903,803

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Figure 1 OGI Property Location

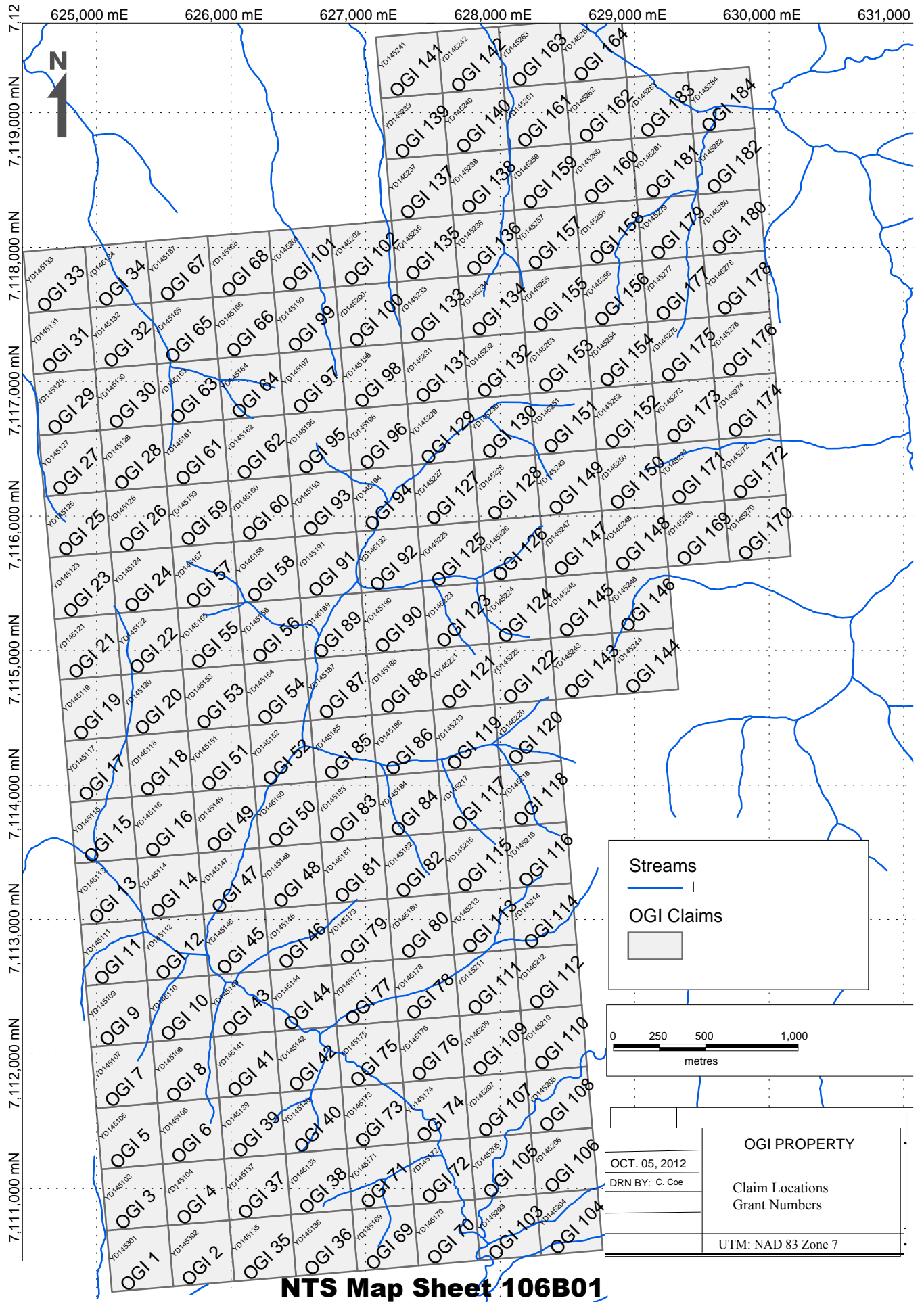


Figure 2 OGI Claims

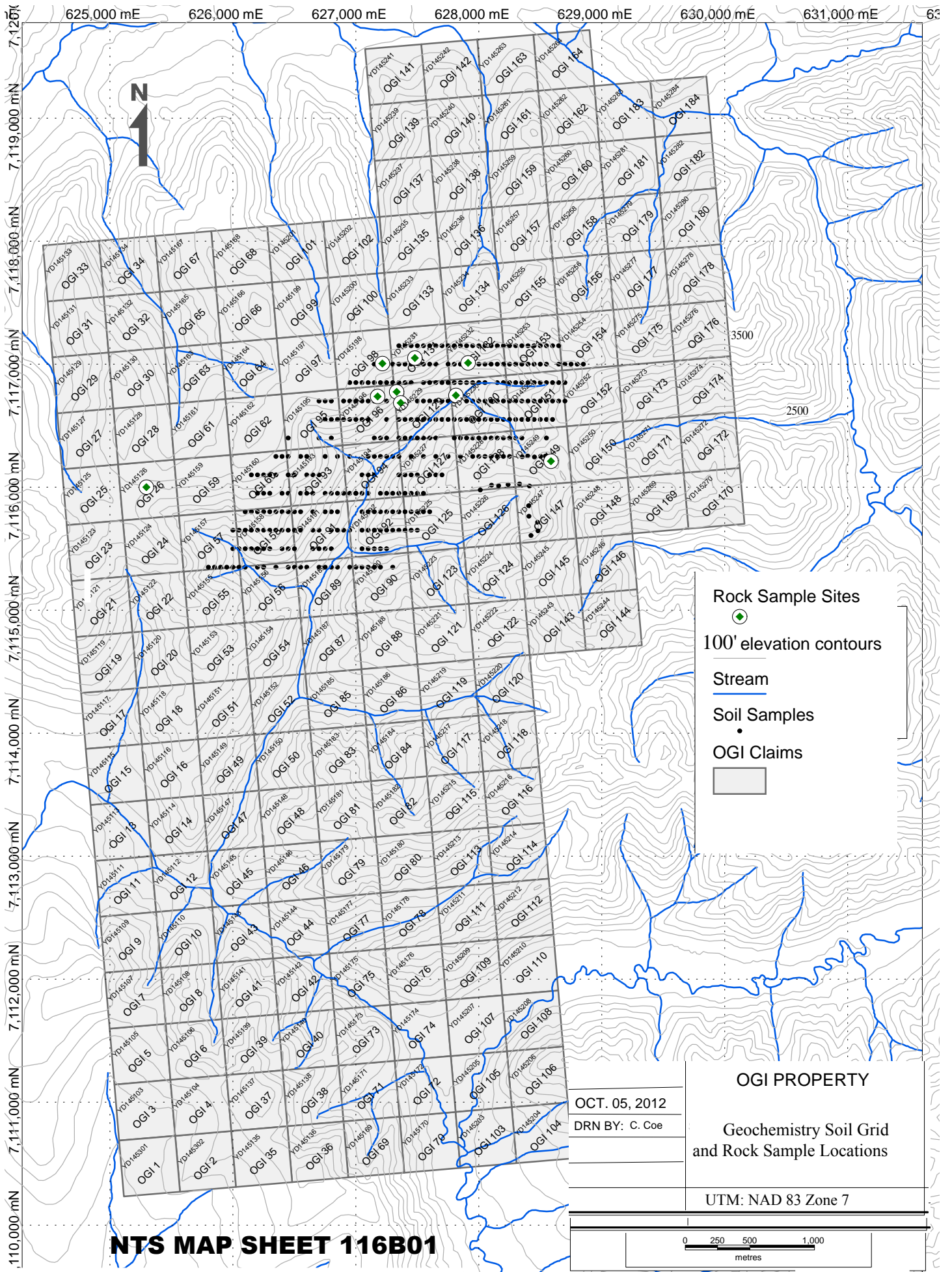


Figure 3 OGI claims with exploration work 2012

## Physiography and Climate.

The OGI Property is located in the Ogilvie Mountains. The property is characterized by steep to moderate relief (Figure 4) and is generally less than 1200 metres in elevation. The property is covered by black spruce, pine, poplar, birch and alder trees with abundant willows and buck brush at lower elevations. Outcrop on the property is sparse and exists primarily along ridges and steeper areas of relief and in the creeks.

The climate of the property area is generally dry during the summer months with most precipitation occurring in July and August. Temperatures range from  $-45^{\circ}\text{C}$  in the winter months to  $30^{\circ}\text{C}$  in the summer. Snow accumulation begins generally in late September and is mostly melted by mid May. The regional area was subject to weak glaciation and the surrounding area is known to have accumulations of loess up to 20 metres thick. Loess can prevent penetration to the proper sampling horizon and mask geochemical responses (Van Damme et al.1997).



Figure 4: OGI Camp and surrounding topography

## Property History

The OGI Property area was originally staked as Mik 1-26 and 33-40 claims in December, 1989 by Tombstone Explorations Company Ltd., who carried out limited prospecting and geochemical silt sampling (8 samples) in 1990. Placer Dome Inc. carried out a single day of geochemical sampling (40 silt, 2 soil and 2 rock samples) in August, 1991 (MINFILE #116B 165).

Beginning in October, 1996, Nicholson and Associates under contract to Core Explorations carried out regional reconnaissance of the area and restaked the area with a large block of Oki claims (approximately 450 claims). The Oki claims are included in an area within the claim block identified as the Ridgeway prospect. Working outward from the Oki claims, Nicholson and Associates subsequently staked the Karl, Smoki, Doki, Obi, Loki, Lokey, Ob, Bulsi, Wow and Yes claims. The Oki-Doki project was optioned to International Kodiak Resources Ltd. in December, 1996 (MINFILE #116B 165). In the summer and fall of 1997 International Kodiak carried out a regional program of geochemical stream sediment sampling of secondary drainages, soil sampling of drainage divides, prospecting, geological mapping and airborne geophysical surveying (in conjunction with the Geological Survey of Canada). Concurrently with this work the company staked numerous fill-in claims around the earlier claims and expanded the project boundaries eastward and completed additional reconnaissance geochemical silt sampling. The OGI claims cover an area within the claim block historically identified as the Ridgeway prospect area.

In October, 2011, Fox Exploration Ltd. staked the OGI claims to cover the prospective area where the previous operators had identified a 3 km<sup>2</sup> 30 ppb gold silt geochemical anomaly coincident with a geophysical survey MAG high anomaly interpreted to be a buried intrusion, and also coincident with a low K/Th ratio anomaly from a radiometric geophysical survey conducted over the same area and interpreted to be caused by hydrothermal alteration (Van Damme et al.1997). Grab sample #3AR0235A taken by Kodiak from float in the center of the target area returned 895 ppb Au, 1065 ppm As, 10 ppm Sb and 3650 ppm Hg (MINFILE #116B 165). A petrographic analysis report from a thin section prepared from the sample identified the rock as a very silicified, altered feldspar porphyry (Van Damme et al.1997).

## Regional Geology

The regional geology of the area is taken from the January, 1998 assessment report #093768; *'Geological, Geophysical, and Geochemical Assessment Report on the OKI-DOKI Project Claims, 1997. V.P. Van Damme, B.T. Malahoff and C.A. Kauss.'*

## Introduction

The OGI project area is central to the Dawson-Mayo area. This area lies within the Selwyn Basin. The Selwyn Basin forms part of ancestral North America. This

region is characterized by deep water off shelf sedimentary strata that are transitional eastward and northward into shelf carbonate and clastic sedimentary rocks of the Mackenzie Platform. To the southwest the Selwyn Basin is separated from volcanic stratigraphy of the exotic Yukon Tanana Terrane by the Tintina Fault Zone (Green 1972; Poulson 1997).

## **Stratigraphy**

Lithologies within the Selwyn Basin are late Proterozoic to Mississippian in age. Stratigraphy of the Dawson-Mayo area is comprised, in order from oldest to youngest, of Hyland Group, Gull Lake Formation, Rabbit Kettle Formation, Road River Group, Earn Group and Keno Hill quartzite lithologies (Murphy et al. 1997) (Figure 5).

### **Hyland Group**

Proterozoic to lower Cambrian in age gritty metaclastic rocks of the Hyland Group can be divided into the Yuseyu and Narchilla Formations. The Yuseyu Formation is a succession of variably deformed fine to coarse grained rocks. Green gray phyllite is most common followed by metasandstone and less common conglomerate and calcareous rock. Rocks of the Narchilla Formation differ in that they are interbedded with variegated phyllite. A member of sandy white, gray and tan weathering occurs in the middle of the formation. Both formations are considered to be turbidite successions.

### **Gull Lake Formation**

Overlying and in discontinuity with the Hyland Group, the Cambrian Gull Lake Formation consists of four members; a basal mafic volcanic and volcanoclastic member, a quartzite and phyllite member, a phyllite member and a calcareous clastic member suggesting basinal sedimentation characterized by localized rifting progressing into marginal platformal outgrowth.

### **Rabbit Kettle Formation**

Unconformably overlying older lithologies, the Cambro-Ordovician Rabbit Kettle Formation forms a prominent laterally continuous white weathering carbonate marker horizon. The limestone is primarily a platy thin to medium marble rock with lesser dolomitic phyllite deposited in a transitional setting.

### **Road River Group**

Overlying the Rabbit Kettle Formation is the Silurian-Ordovician Road River Group. This group is further subdivided into the Duo Lake and Steel Formations. The Duo Lake Formation comprises gray to black to brown, brown weathering, phyllitic shale, cherty shale, chert and rare quartz augen phyllite. The Steel Formation consists of limy mudstone, phyllitic mudstone and siltstone with lesser fine grained calcareous quartz sandstone and thin sandy limestone. This rock is generally massive with distinctively orange weathering. Deposition of both formations was in a deep basinal environment.

### **Earn Group**

The Devonian-Mississippian Earn group unconformably succeeds the Road River Group

and comprises mostly dark gray to black shale with subordinate and variable amounts of chert, siltstone, sandstone, limestone, bedded barite, chlorite muscovite pyllite and chert pebble conglomerate. Deposition was likely deep marine basin in nature.

### **Keno Hill Quartzite**

Overlying the Earn Group are massive to well foliated and lineated quartzite units of the Mississippian aged Keno Hill Quartzite.

### **Younger Rocks**

All of the above formations are locally unconformably overlain by undifferentiated Upper Paleozoic to Triassic rocks and Jurassic clastic rocks in the north and northeast limits of the Dawson-Mayo area.

### **Intrusive Rocks**

Stratigraphy of the area has been interrupted by volumetrically minor mafic sills which intruded Hyland group rocks in the Cambrian and Earn and Keno Hill group rocks during the Triassic. During the Cretaceous widespread locally large intrusive bodies of the felsic to intermediate Tombstone and McQueston Suites were emplaced (Murphy 1997).

### **Tombstone Suite**

The Tombstone intrusions consist of two compositional and textural types. Quartz poor to quartz absent massive coarse grained hornblende-biotite syenite, quartz syenite, quartz monzonite, and granite defines one group. A second group is defined by quartz bearing, weakly porphyritic medium to coarse grained granite and granodiorite. The intrusions are variably magnetic with aeromagnetic signatures extending into hornfelsed contact aureoles. Tombstone intrusions occur at all stratigraphic levels in the area defining a southwest trending topographically prominent belt and were emplaced between 90-94 Ma.

### **McQueston Suite**

McQueston intrusions occur in the southern limits of the area defining an east-northeast trending belt and are confined to the Hyland group. These intrusions comprise medium to coarse grained potassium feldspar megacrystic biotite-muscovite granite and quartz monzonite. The McQueston intrusions were emplaced between 64-67 Ma.

### **Structure**

Rocks of the Selwyn Basin occur in three tectonic sheets. These are separated by the Dawson, Tombstone and Robert Service low angle thrust faults. The rocks in each sheet are folded into upright to locally inclined, moderate to tight folds. The age of folding is constrained between the Jurassic age of the youngest strata present and the late Cretaceous age of the post deformation granitoid intrusion. This deformation is attributed to north-south shortening associated with terrane accretion.

Northeast trending folds and associated thrusts are associated with the Dawson and Tombstone sheets whereas west-northwest and east-southeast folds are most common

in the Robert Service sheet. This regional pattern is disrupted in the south by the east-northeast trending McQueston anticline.

The youngest deformation is attributed to Eocene and younger dextral strike slip motion on the Tintina Fault (Poulson 1997).

## **Local Geology**

The OGI property lies within the Selwyn Basin, northeast of the Tintina Fault and between the Robert Service Thrust Fault and the Tombstone Strain Boundary (Figure 5). The claims are underlain by sedimentary rock of Ordovician to Lower Devonian age comprised of chert, siltstone and argillite (Figure 6). West-northwest and east-southeast trending folds and associated thrusts have deformed these lithologies. Subsequently, these rocks have been intruded by granitoid members of the Tombstone Plutonic Suite (Van Damme et al. 1997). Intrusion related gold deposits are known to be associated with these Tombstone Plutonic Suite granitoids.

On the OGI property, a 500 gamma magnetic anomaly has been defined and is inferred to represent a buried Cretaceous intrusion. A silt sample taken by Tombstone Exploration near the southeast edge of the magnetic anomaly was weakly anomalous in gold, copper, zinc and mercury. Sampling by International Kodiak revealed a Au, Sb and Hg geochemical silt anomaly associated with this occurrence that defines a source area greater than 3 square kilometres and is coincident with two radiometric anomalies. Grab sampling returned two samples with Au >100 ppb, with the best sample returning 895 ppb Au, 1 065 ppm As, 10 ppm Sb and 3650 ppm Hg (MINFILE 116B 165) (Figure 6).

## **Deposit Types and Mineralization Potential**

The OGI claims lie within the Tombstone Gold Belt where Fort Knox style mineralization is known to be associated with Tombstone Suite intrusions. This belt extends from Tungsten in the Northwest Territories to the Fairbanks District in Alaska. The Fort Knox, Brewery Creek and Dublin Gulch deposits are included in this belt and are currently being mined or developed. The OGI Property is approximately 4 kilometres northwest of Golden Predator's Brewery Creek property that hosts a National Instrument Policy 43-101 compliant resources of 581,000 indicated gold ounces in 20,417,000 tonnes at 0.89 g/t Au and 346,000 inferred gold ounces in 12.99 million tonnes at 0.83 g/t Au (Golden Predator news release, October 4, 2012).

## **Regional Geochemical Survey**

The regional government geochemical stream silt sampling survey shows anomalous gold values within the area of the OGI claims with a 30 ppb Au sample taken in the southern portion of the claim block and a 20 ppb Au sample assay taken approximately 600 metres east of the property's eastern boundary (Figure 7). Anomalous Hg, Sb and As are also present in the RGS data in this area.

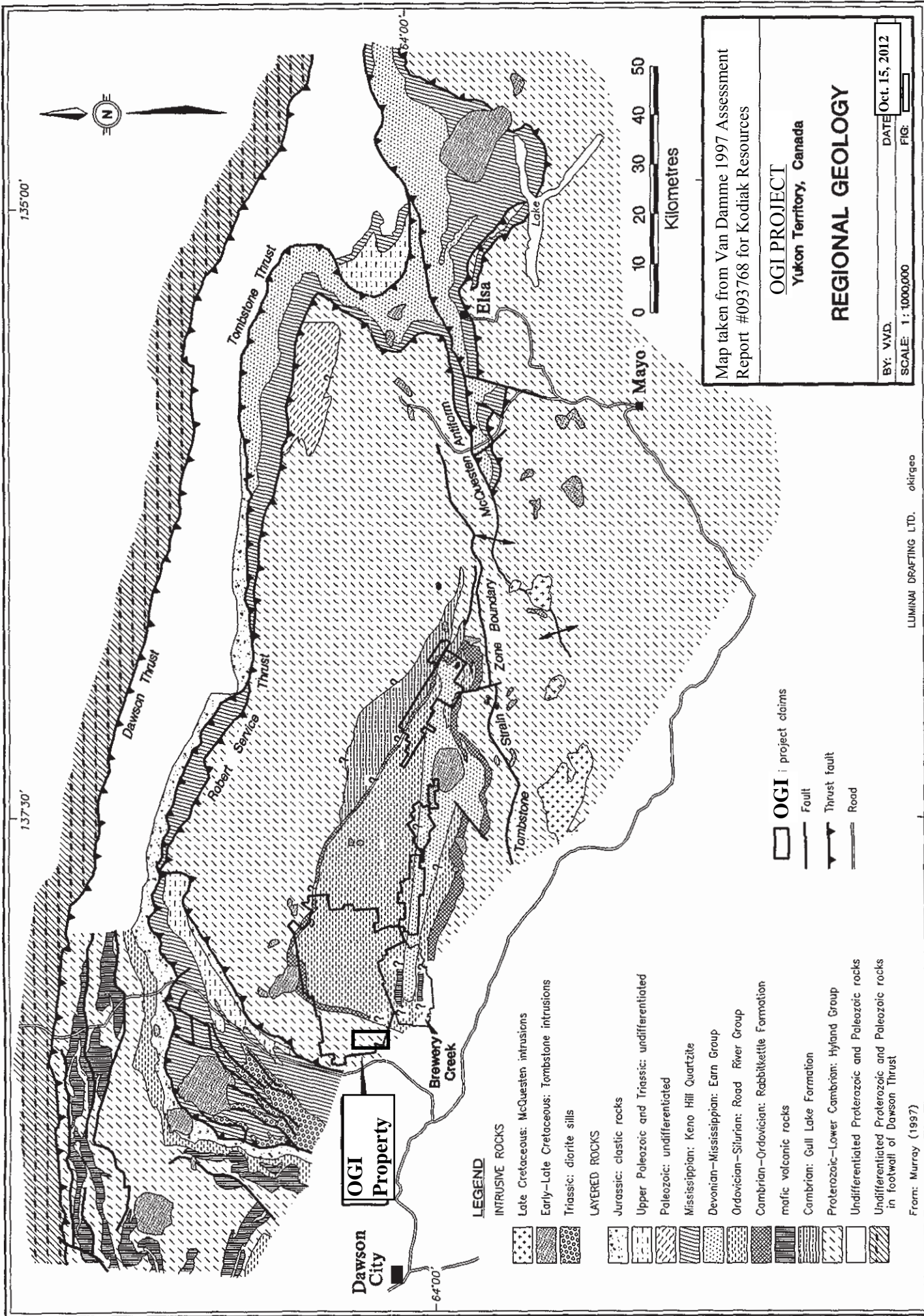
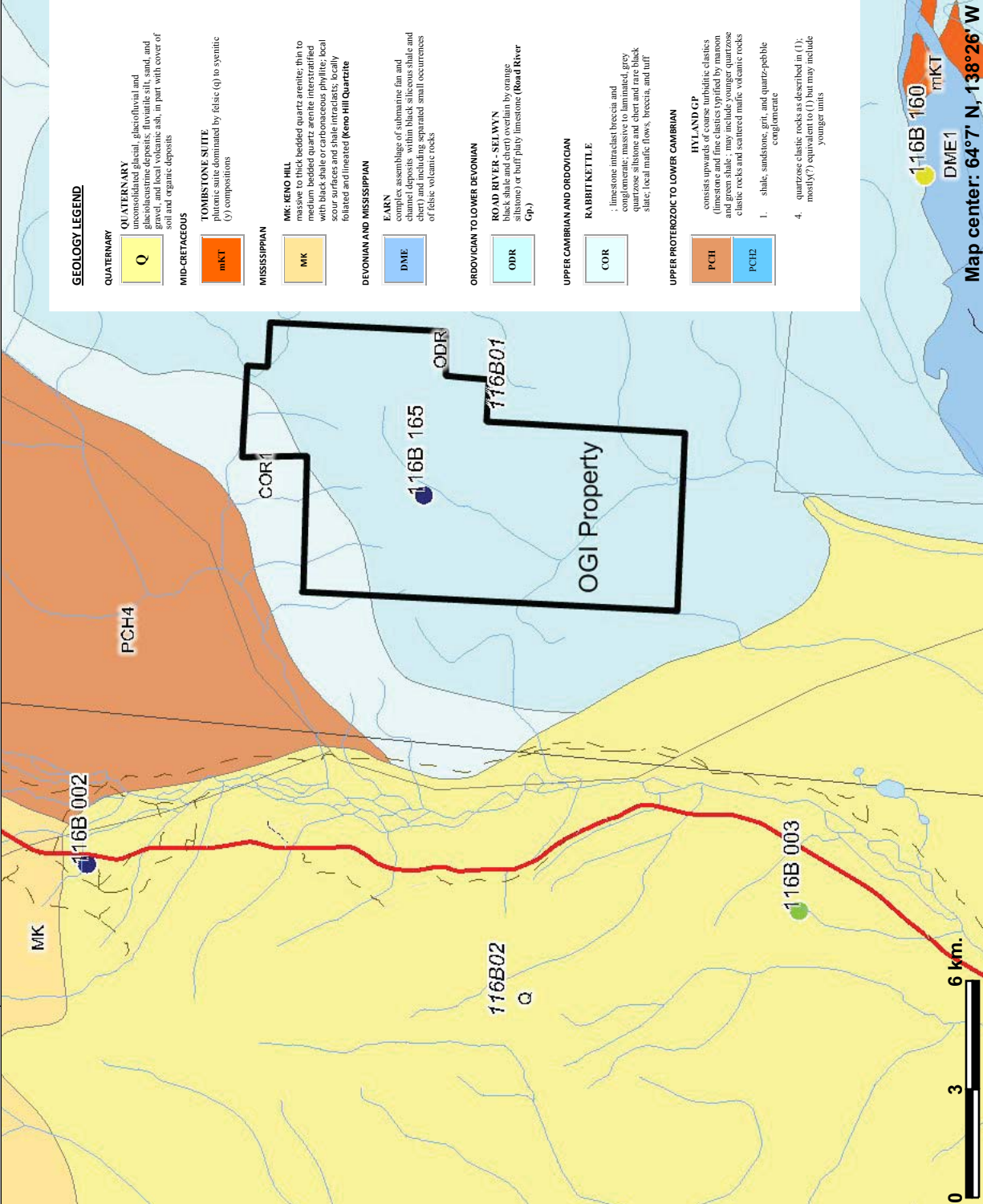


Figure 5 Regional Geology Map

# OGI Local Geology Map



### GEOLOGY LEGEND

- QUATERNARY**  
**Q** : unconsolidated glacial, glaciofluvial and glacio-lacustrine deposits; fluvial silt, sand, and clay; glacial till; glacial till with cover of soil and organic deposits
- MID-CRETACEOUS**  
**mKT** : plutonic suite dominated by felsic (q) to syenitic (y) compositions
- MISSISSIPPIAN**  
**MK** : MK-KENO HILL : massive bedded quartzites thin to medium bedded quartzites interbedded with black shale or carbonaceous phyllite; local scour surfaces and shale intraclasts; locally foliated and lineated (Keno Hill Quartzite)
- DEVONIAN AND MISSISSIPPIAN**  
**DME** : EARN : complex assemblage of submarine fan and channel deposits within black siliceous shale and chert) and including separated small occurrences of felsic volcanic rocks
- ORDOVICIAN TO LOWER DEVONIAN**  
**ODR** : ROAD RIVER - SELWYN : black shale and chert overlain by orange (siliceous) or buff platy limestone (Road River Gp.)
- UPPER CAMBRIAN AND ORDOVICIAN**  
**COR** : RABBIT KETTLE : limestone intraclast breccia and conglomerate; massive to laminated grey quartzose siltstone and chert and rare black slate; local mafic flows, breccia, and tuff
- UPPER PROTEROZOIC TO LOWER CAMBRIAN**  
**PCH** : IYLAND GP : consists upwards of coarse turbiditic clastics (limestone and fine clastics typified by manoon and green shale - may include younger quartzose elastic rocks and scattered mafic volcanic rocks  
**PCH2** : 1. shale, sandstone, grt. and quartz-pebble conglomerate  
 4. quartzose elastic rocks as described in (1); mostly (?) equivalent to (1) but may include younger units

### Legend

- 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
- Mineral Occurrences (250k)
- Anomaly
- Deposit
- Drilled Prospect
- Open Pit Past Producer
- Open Pit Producer
- Prospect
- Showing
- Uncertain
- Underground Past Producer

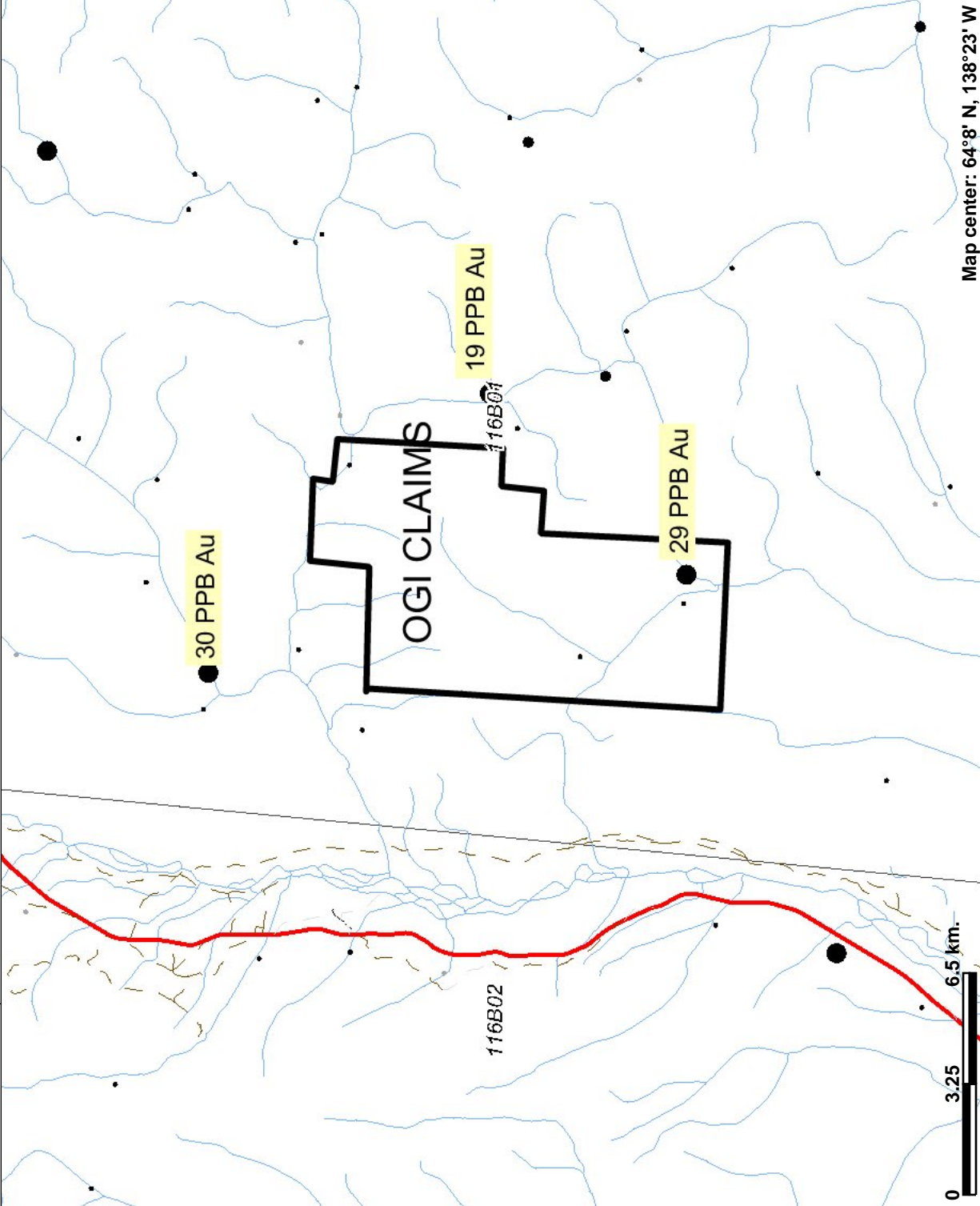
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Figure 6 Local Geology Map

# Regional Geochemistry Au PPB



**Legend**

CSW RGS\_SB\_2003\_Au\_ina

- less than 50 %: 1 - 4 ppb
- 50-90%: 4 - 12 ppb
- 90-95%: 12 - 17 ppb
- 95-99%: 17 - 51.5 ppb
- greater than 99%: 51.5 - 805 ppb

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)
- Regional Overview

- Ocean
- Yukon
- Other

Scale: 1:177,359

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Figure 7 Regional Geochemical Survey (Gold PPB results)

## 2012 Exploration Program

An exploration program was conducted on the OGI property from July 16<sup>th</sup> to July 25<sup>th</sup>, 2012. During this period a 5- person crew was mobilized by helicopter to the OGI property. A seasonal camp was constructed and geological mapping, prospecting and a geochemical soil sampling survey was completed.

The 2012 partially YMIP funded exploration program on the OGI claims focused primarily on the central portion of the claim block that encompasses the Ridgeway prospect area (Figure 8) where previous operator's identified a 3 km<sup>2</sup> 30 ppb gold geochemical anomaly coincident with a geophysical survey MAG high anomaly interpreted to be a buried intrusion, and also coincident with a low K/Th ratio anomaly from a radiometric geophysical survey taken over the same area and interpreted to be caused by hydrothermal alteration characteristic of intrusion related activity (Van Damme et al.1997). Grab sample #3AR0235A, taken from float in the center of the target area, returned 895 ppb Au, 1065 ppm AS, 10 ppm Sb and 3650 ppm Hg (MINFILE #116B 165). A petrographic analysis report from a thin section prepared from the sample identified the rock as very silicified altered feldspar porphyry (Van Damme et al. 1997).

The geochemical soil sampling survey consisted of 13 grid lines totalling 18.2 kilometres with station spacing of 50 metres and line spacing of 150 metres and one contour line with 50 metre station spacing. A total of 377 soil samples were taken using haddocks and augers. Soil sample locations and sample tag numbers are shown in Figure 9.

Figure 8 shows the soil sampling grid layout relative to the 30 ppb gold geochemical anomaly, the interpreted geological features and MINFILE occurrence (MINFILE #116B 165). Figure 9 and 10 show the gold values in a numerical and thematic view respectively. Sample reference locations are included in Appendix II and assay results and certificates are included in Appendix IV.

9 rock samples were taken during prospecting and geological mapping of outcrop. The location and a description of the rock samples are provided in Table 1 (Figure 13). Assay results and certificates are in Appendix IV. Figure 12 shows the location of the rock samples and Figure 14 shows the outcrop mapped.

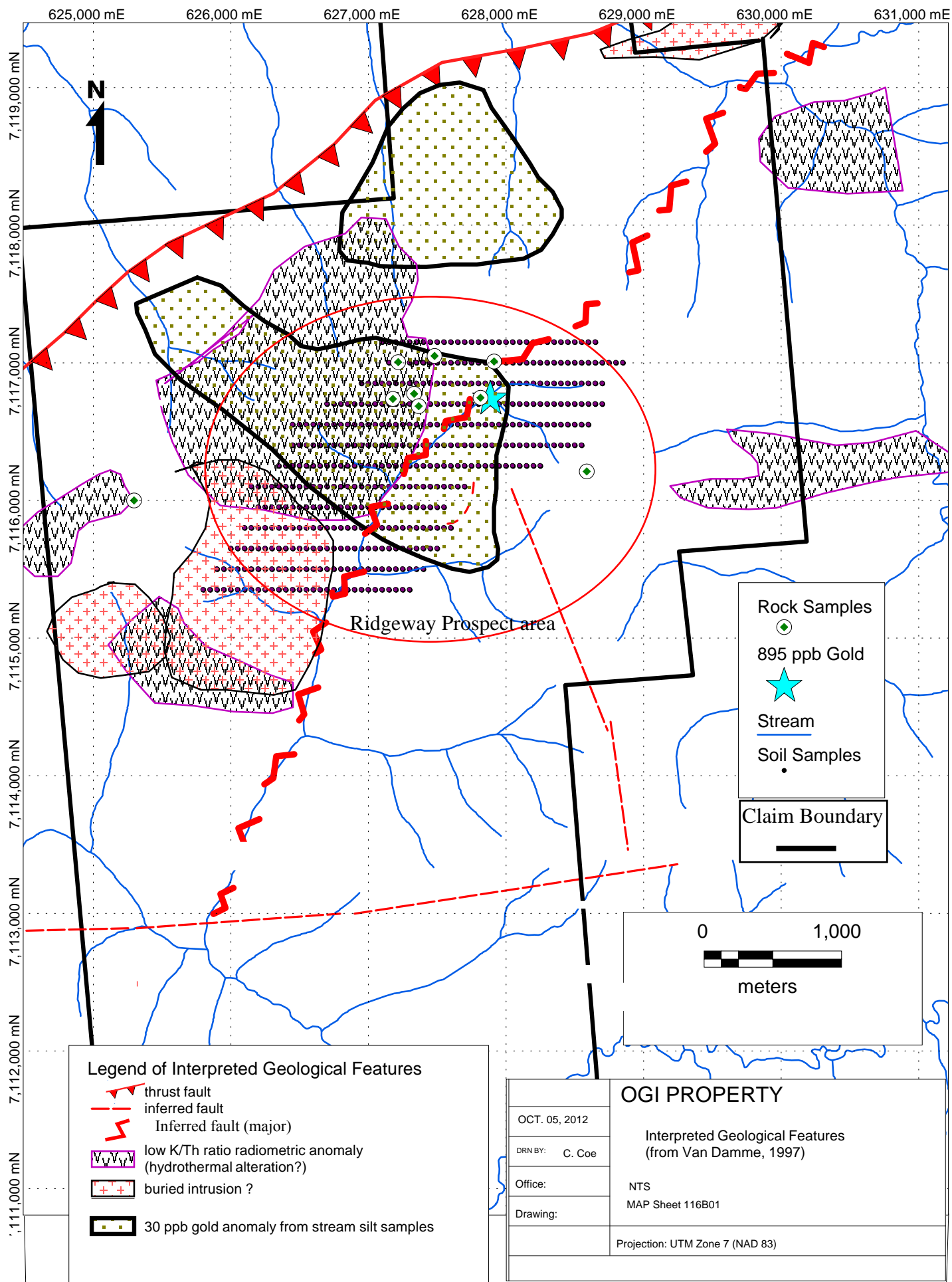


Figure 8 Geochemical Survey Grid and Geological Structural Interpretation from Geophysics (Van Damme, 1997)

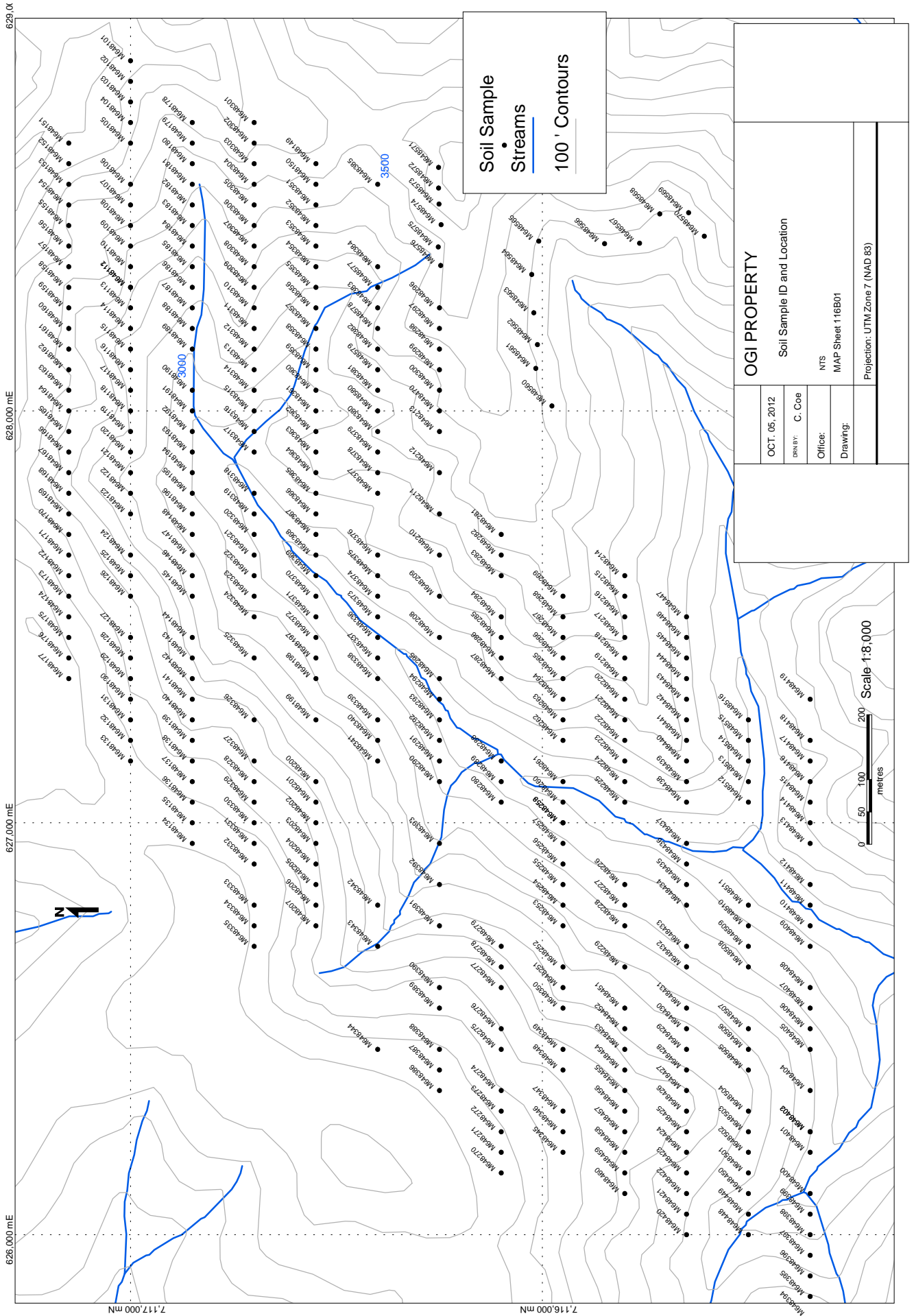
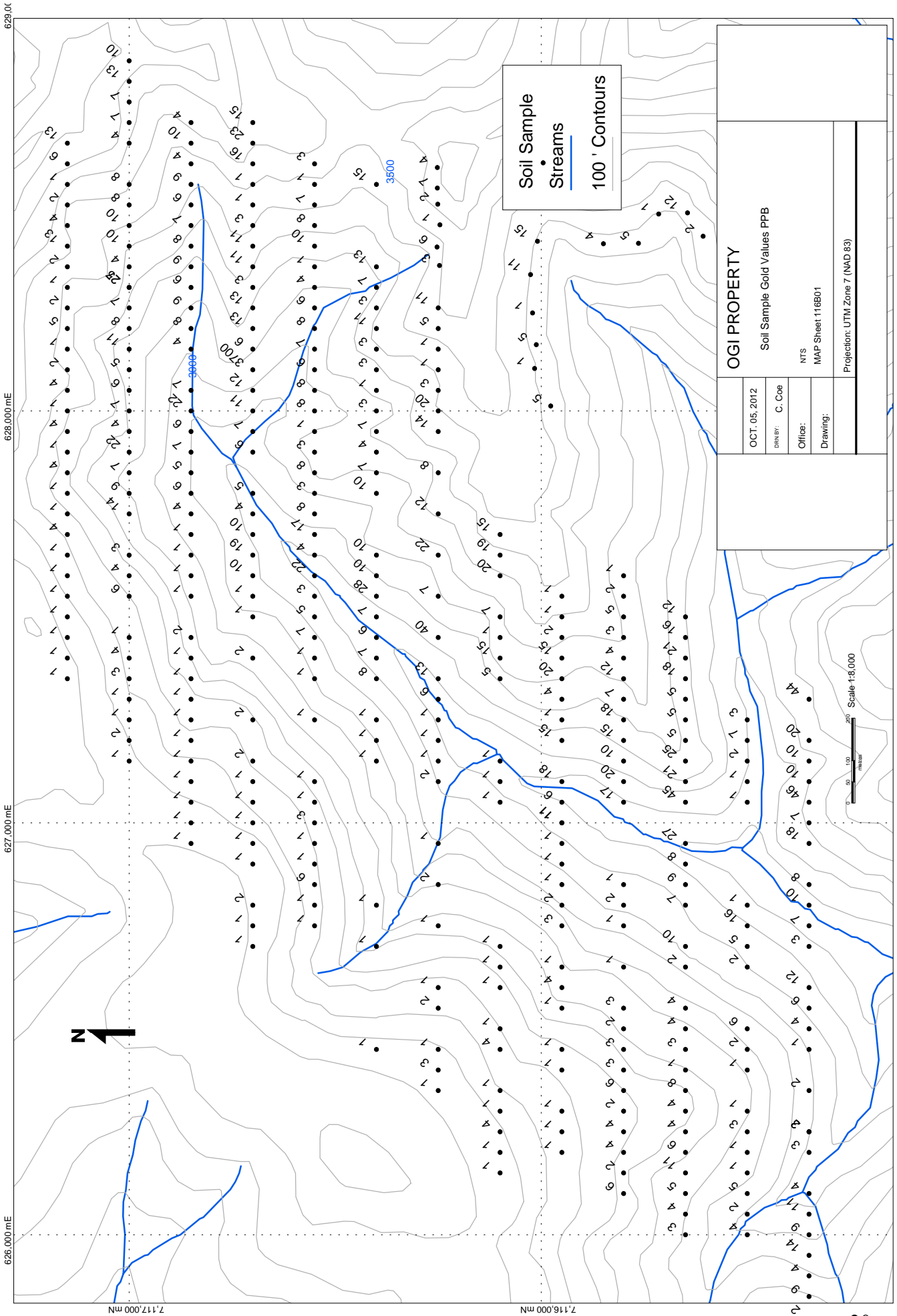


Figure 9 Soil Sample Locations and Tag Numbers



**Figure 10 Soil Sample Results for Gold in PPB**

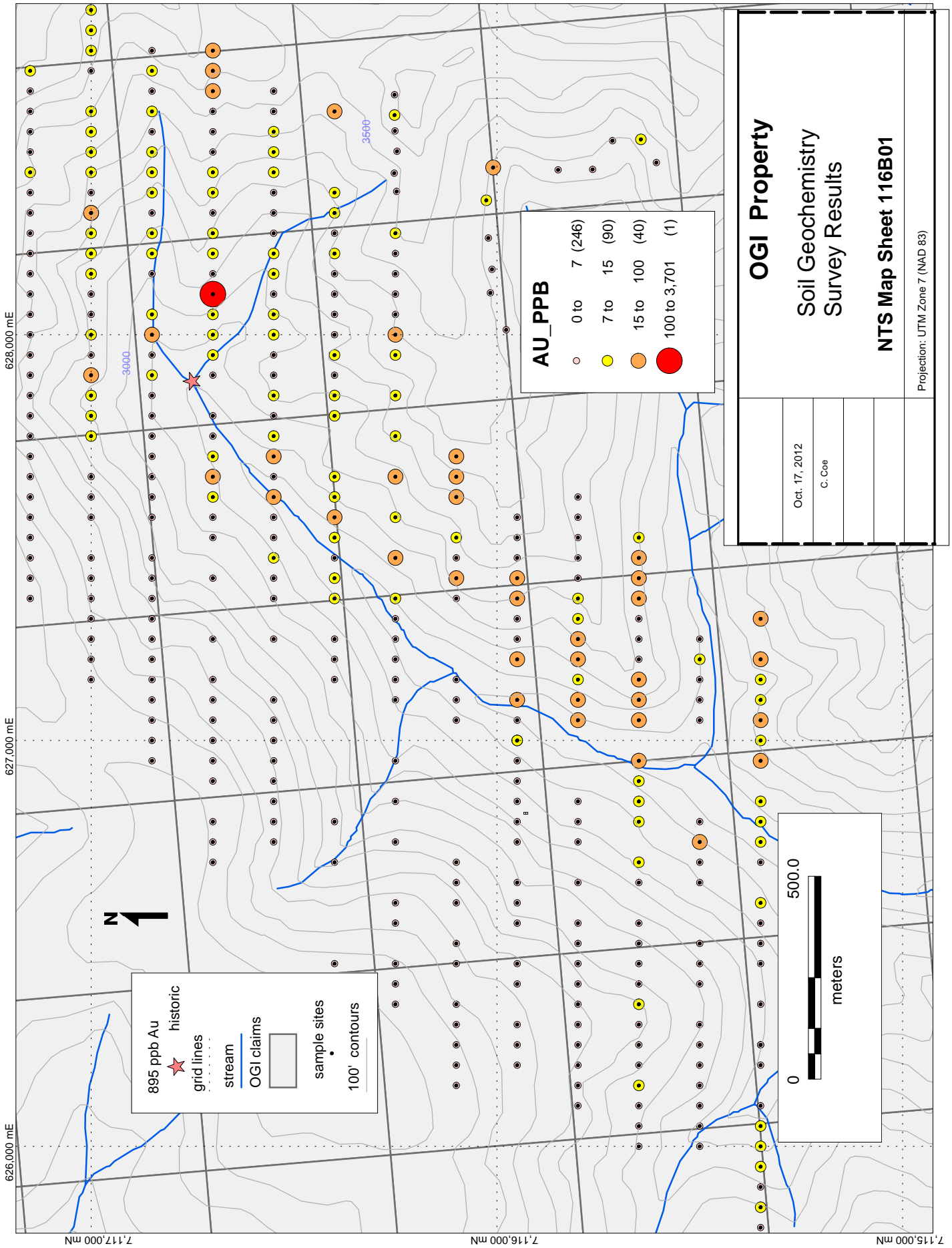
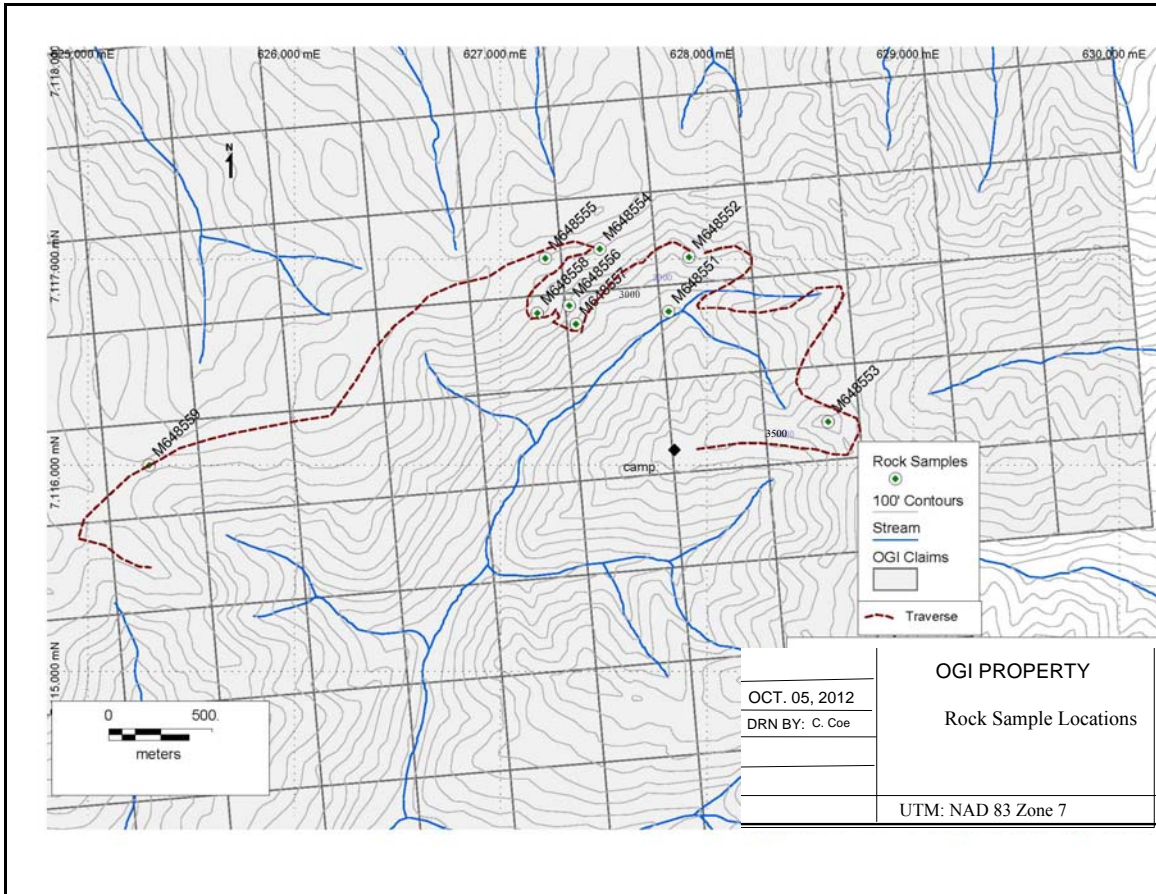


Figure 11 Geochemistry Survey Results Thematic Map / Gold PPB



**Figure 12 Rock Sample Locations**

Some outcrop measurements and locations were mapped (Figure 14). Pictures from outcrop of the Road River Formation shale and augite-phric basalt are included in Figure 15 and 16 respectively.

## OGI PROPERTY 2012    ROCK SAMPLE ASSAY RESULTS (GOLD)

ROCK SAMPLE	NORTHING	EASTING	AU PPM	AU PPB	DESCRIPTION
	UTM NAD 83 ZN 7				
M648551	7116746	627814	0.003	3	Boulder in creek at junction of pups. Tan coloured blocky brecciated cherty argillite, micro qtz veinlets cutting through chert fragments with fine grained sulfide mineralization in veinlets.
M648552	7117010	627913	0.002	2	Outcrop. Black cherty shale Limonite staining.
M648553	7116211	628587	0.002	2	Float. Weathered decomposed light tan coloured cherty/ shale fragments in fine ground mass breccia. Limonite stain.
M648554	7117050	627480	0.002	2	Outcrop. Vessicular/ amygdaloidal basalt. Grayish green fine ground mass with porphyritic texture of augite phenocrysts < 4mm/ some vesicles filled with calcite. Altered / non magnetic. Dessiminated fine grained sulfides (py).
M648555	7117005	627216	0.001	1	Outcrop. Gray- green fine grained sandstone with desiminated sulfides .
M648556	7116775	627332	0.002	2	Outcrop. Hornfels. Light green.
M648557	7116685	627365	0.002	2	Augite-phyric basalt. Light grey green/ altered calcified fine grained ground mass with < 5mm euhedral augite crystals . Dessiminated sulfides (py).
M648558	7116738	627177	0.001	1	Basalt. Light grey green fine grained groundmass with < 5mm euhedral augite phenocrysts . Dessiminated sulfides.
M648559	7116000	625296	0.04	40	Float. Composition of cherty brecciated argillite and grey shale fragments cut by < 2mm vuggy qtz veinlets.

**Figure 13 Rock Sample Descriptions**

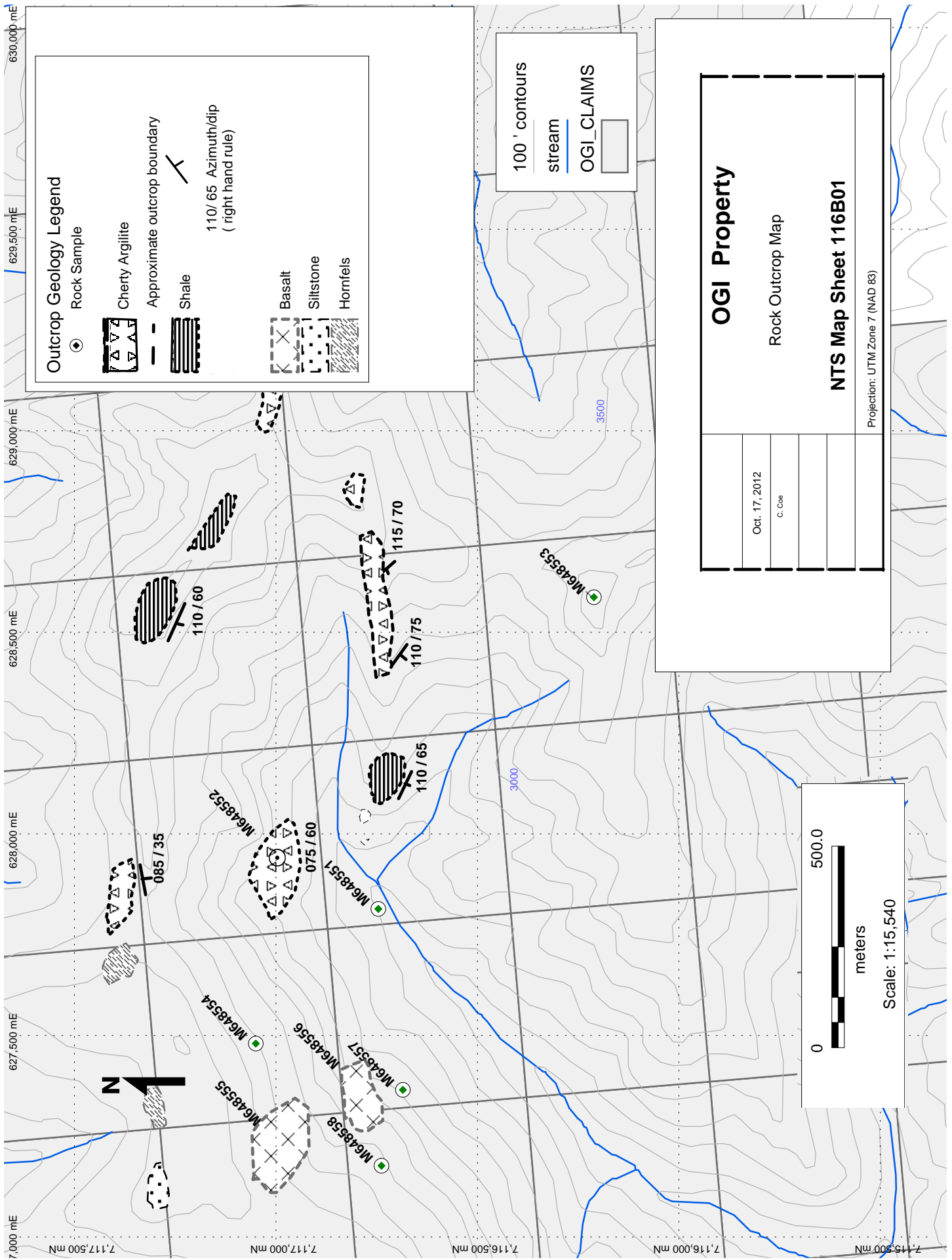


Figure 14 Outcrop Geology Map



**Figure 15 Outcrop of Road River Group Shale**



**Figure 16 Augite-Phyric Basalt (bic pen for scale)**

## Geochemical Survey and Analytical Method

Soil and rock Geochemistry Analytical Certificates are in Appendix IV.

A total of 377 soil geochemistry samples were collected over a grid area covering approximately 1.5 kilometres x 2.0 kilometres on the OGI property. The grid lines were oriented on an east-west azimuth with stations spacings at 50 metres and line spacing at 150 metres. Individual sample locations were uploaded from a spreadsheet to non-differential hand-held GPS units and navigated to the field site by the soil sampler. The projection used for field GPS was NAD 83 and any deviation in the physical sample location was entered in the operator's field notes. UTM coordinates of sample locations are included in Appendix II.

Soil samples were collected with hand augers and also with a madok when needed. Station sample number ID's were permanently marked in the field with aluminum tags. Samples were collected from the 'B' Horizon with depths ranging from 30 -100 cm. Loess and or permafrost prohibited some samples from being collected. The samples were collected in individual kraft paper soil sample bags and dried at camp in one of the canvass tents where a wood stove was used for heat. The samples were then packed in large plastic bags and placed in rice bags for transport to ALS Minerals' laboratory in Whitehorse. Chain of custody of the samples remained with the geologist until delivery of the samples to the lab.

A description of the analytical methods used was obtained from the ALS Minerals website. At the ALS Minerals lab in Whitehorse, the entire sample was dried and then dry-sieved using a 180 micron (Tyler 80 mesh) screen. The prepared sample was then sent to ALS Minerals' Vancouver lab for analysis. Two methods of analysis were performed on each sample.

For gold detection, method Au-ICP21 was used whereby a 30 gram split of the prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead. The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 milliliters L of concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 milliliters with de-mineralized water, and analyzed by inductively coupled plasma atomic emission spectrometry against matrix-matched standards.

The second analytical method performed on all samples was method ME-ICP41 for 35 elements. A prepared sample was digested with aqua regia in a graphite heating block. After cooling, the resulting solution was diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results were corrected for inter-element spectral interferences. ALS Minerals' Whitehorse lab and Vancouver lab are certified to standards within ISO 9001:2008.

## Conclusions and Recommendations

The 2012 YMIP funded exploration program on the OGI property, consisting of geological mapping, prospecting and a geochemical soil sampling contour and grid survey, was focused primarily on the central portion of the claim block that encompasses the Ridgeway prospect area. Previous claim owners of the Ridgeway prospect area had identified a 3 km<sup>2</sup> area (Figure 10) 30 ppb gold geochemical anomaly coincident with a geophysical survey MAG high anomaly interpreted to be a buried intrusion, and also coincident with a low K/Th ratio anomaly from a radiometric geophysical survey taken over the same area and interpreted to be caused by hydrothermal alteration characteristic of intrusion related activity (Van Damme et al.1998). A historic grab sample (#3AR0235A) taken from float in the center of the Ridgeway prospect area returned 895 ppb Au, 1065 ppm AS, 10 ppm Sb and 3650 ppm Hg (MINFILE 116B 165). A petrographic analysis report from a thin section prepared from the sample identified the rock as a very silicified altered feldspar porphyry (Van Damme et al.1998). Figure 10 show the location of the geochemical survey relative to the above geological information.

The geochemical survey conducted on the OGI property during July, 2012 consisted of 13 east-west oriented grid lines, each averaging approximately 1.5 kilometres in length and totalling 18.2 kilometres, with sample station spacing of 50 metres and line spacing of 150 metres plus a 1 kilometre contour line with 50 metre station spacing. The survey grid covers an area of approximately 3.0 km<sup>2</sup> (Figure 8).

Elevated gold values are evident within the soil sample grid area. Soil sample #M648313 assayed 3700ppb Au and is located approximately 250 metres up the hill from where the MINFILE occurrence float rock sample (MINFILE #116B 165) assayed 895 ppb Au (Figure 10). Elevated Au, Ag, Cu, Zn, and Mo are also present within the geochemistry survey area concentrated along the southeast portion of the grid area and proximal to the eastern flank of an inferred northeast trending fault transecting the area (Figure 10). The fault may be a structural control for mineralization in the area.

Metal plots of Au, Ag, Cu, Zn Ba, As, Hg, Pb, Wi, and Sb are included in Appendix III.

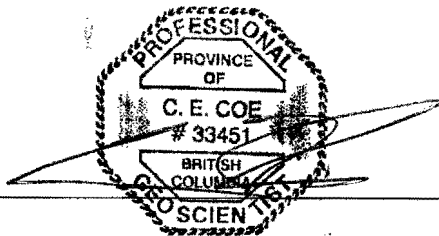
The 2012 exploration program on the OGI claims confirmed the presence of gold mineralization and also identified an area of elevated base metal values. Based on these results, additional work is warranted on the OGI property and should focus on further soil sampling, prospecting and geological mapping, with priority target areas being where soil sample #M648313 returned 3,700 ppb Au and the southeast area of the existing grid that returned elevated metal background values. Prospecting should also be implemented in other areas of the property where historic data shows elevated gold values and where rock grab sample #M648559 returned 40 ppb Au.

## Statement of Expenses for OGI Project 2012

	Amount
<b>WAGES</b>	
Prep time ( project organizing, assembling supplies, hiring, admin ) Geologist 2 days @ \$500/day	\$ 1,000.00
Field Time July 16 - July 24, 2012	
(1) Senior Geologist; 9 days @ \$500/day	\$ 4,500.00
(2) Geotech /Sampler; 9 days @ \$350/day ea x 2	\$ 6,300.00
(1) Labourer/ Cook; 9 days @ \$150/day	\$ 1,350.00
(1) Sampler 9 days @ \$170/day	\$ 1,530.00
Mob / Demob (1) Geotech 3.5 days @ \$350/day	\$ 1,225.00
(1) Labourer 2 days @ \$150/day	\$ 300.00
<b>ANALYTICAL</b>	
ALS Chemex ALS package AU-ICP21 and ME-ICP41 + PREP	
377 soils samples and 9 rock samples	\$ 12,739.76
<b>TRAVEL</b>	
Helicopter Dawson return to OGI x 3 including mob / demob	\$ 6,784.00
Truck 1 4x4 rental (YMIP eligible portion only included)	\$ 1,872.47
Truck Fuel in Yukon	\$ 1,177.23
PER DIEM ( camp, food, radio and internet communication, field sampling consumables & equip.) 40.5 MAN DAYS x \$100/day	\$ 4,050.00
SHIPPING (FIELD SUPPLIES)	\$ 146.22
REPORT PREPARATION	<u>\$ 2,500.00</u>
<b>TOTAL</b>	<b>\$ 45,474.68</b>

## Statement of Qualifications

- 1) I, Corwin Edward Coe, of 1701 Robert Lang Drive, Courtenay, B.C. V9N 1A2, am self-employed as a consultant geologist and am responsible for the discussions and work proposal outlined in this report.
- 2) I am a graduate from Simon Fraser University, Burnaby, B.C., with a B.Sc. in Earth Science.
- 3) I am a graduate Mining Technologist with a diploma in Mining Technology from the British Columbia Institute of Technology.
- 4) I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (#33451).
- 5) I have over 30 years experience working in the mining industry focused primarily in mineral exploration.
- 6) I was responsible for the 2012 exploration program as outlined for the OGI Property.



Corwin (Cor) Coe, P. Geo.  
Project Geologist,  
Fox Exploration Ltd.

## References

GEOLOGICAL SURVEY OF CANADA, 1998. Airborne geophysical survey (NTS 116 B/1,A/4 and 115 P/13), Brewery Creek Area, Yukon Territory. Open Files 3551 and 3607.

GEOLOGICAL SURVEY OF CANADA, 1997. Lode Gold Deposits of the World, C.L. Jenkins, R.Vincent, F. Robert, K.H. Poulson, D.F. Garson and J.A. Blonde.

GEOLOGICAL SURVEY OF CANADA, 1972. Geology of Nash Creek, Larson Creek and Dawson map-areas, Yukon Territory (106D, 116A, 116B, and 116 (E1/2)); Operation Ogilvie, L.H. Green.

INTERNATIONAL KODIAK RESOURCES INC., 1997. Geological, Geophysical, and Geochemical Assessment Report on the OKI-DOKI Project Claims, V.P. Van Damme, B.T. Malahoff and C.A. Kauss.

PLACER DOME EXPLORATION LTD, 1992. Report on the 1991 Assessment on the Mix Claims, D.M. Strain.

TOMBSTONE EXPLORATIONS COMPANY LTD, 1991. Report on the 1990 Assessment on the MIK Claims, H.J. Keyser.

YUKON EXPLORATION AND GEOLOGY, 1997. Page 27, 36.

YUKON GEOLOGICAL SURVEY, 1997. Geological Map of Keno Hill area, Yukon (105M/14), D. C. Murphy and C. F. Roots.

YUKON GEOLOGICAL SURVEY, 2002. MINFILE 116B 165; name: Ridgeway.

# Appendix I

OGI Claims

## OGI Claims 2012

District	GrantNumber	RegType	ClaimNam	ClaimNbr	Claim Owner	ClaimExpiryDate	NTS MapNumber
Dawson	YD145301	Quartz	OGI	1	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145302	Quartz	OGI	2	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145103	Quartz	OGI	3	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145104	Quartz	OGI	4	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145105	Quartz	OGI	5	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145106	Quartz	OGI	6	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145107	Quartz	OGI	7	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145108	Quartz	OGI	8	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145109	Quartz	OGI	9	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145110	Quartz	OGI	10	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145111	Quartz	OGI	11	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145112	Quartz	OGI	12	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145113	Quartz	OGI	13	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145114	Quartz	OGI	14	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145115	Quartz	OGI	15	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145116	Quartz	OGI	16	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145117	Quartz	OGI	17	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145118	Quartz	OGI	18	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145119	Quartz	OGI	19	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145120	Quartz	OGI	20	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145121	Quartz	OGI	21	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145122	Quartz	OGI	22	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145123	Quartz	OGI	23	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145124	Quartz	OGI	24	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145125	Quartz	OGI	25	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145126	Quartz	OGI	26	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145127	Quartz	OGI	27	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145128	Quartz	OGI	28	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145129	Quartz	OGI	29	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145130	Quartz	OGI	30	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145131	Quartz	OGI	31	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145132	Quartz	OGI	32	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145133	Quartz	OGI	33	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145134	Quartz	OGI	34	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145135	Quartz	OGI	35	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145136	Quartz	OGI	36	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145137	Quartz	OGI	37	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145138	Quartz	OGI	38	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145139	Quartz	OGI	39	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145140	Quartz	OGI	40	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145141	Quartz	OGI	41	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145142	Quartz	OGI	42	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145143	Quartz	OGI	43	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145144	Quartz	OGI	44	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145145	Quartz	OGI	45	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145146	Quartz	OGI	46	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145147	Quartz	OGI	47	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145148	Quartz	OGI	48	Fox Exploration Ltd. -	10/28/2012	116B01





District	GrantNumber	RegType	ClaimNam	ClaimNbr	Claim Owner	ClaimExpiryDate	NTS MapNumber
Dawson	YD145253	Quartz	OGI	153	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145254	Quartz	OGI	154	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145255	Quartz	OGI	155	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145256	Quartz	OGI	156	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145257	Quartz	OGI	157	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145258	Quartz	OGI	158	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145259	Quartz	OGI	159	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145260	Quartz	OGI	160	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145261	Quartz	OGI	161	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145262	Quartz	OGI	162	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145263	Quartz	OGI	163	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145264	Quartz	OGI	164	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145269	Quartz	OGI	169	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145270	Quartz	OGI	170	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145271	Quartz	OGI	171	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145272	Quartz	OGI	172	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145273	Quartz	OGI	173	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145274	Quartz	OGI	174	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145275	Quartz	OGI	175	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145276	Quartz	OGI	176	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145277	Quartz	OGI	177	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145278	Quartz	OGI	178	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145279	Quartz	OGI	179	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145280	Quartz	OGI	180	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145281	Quartz	OGI	181	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145282	Quartz	OGI	182	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145283	Quartz	OGI	183	Fox Exploration Ltd. -	10/28/2012	116B01
Dawson	YD145284	Quartz	OGI	184	Fox Exploration Ltd. -	10/28/2012	116B01

# APPENDIX II

Sample No. and Reference Location

**OGI SAMPLE NUMBER AND WAYPOINT REFERENCE LOCATION**

<b>SAMPLE NO.</b>	<b>Waypoint</b>	<b>NTS MAP</b>	<b>UTM E NAD 83 ZN 7</b>	<b>UTM N NAD 83 ZN 7</b>	<b>LINE</b>
M648177	6	116B01	627350	7117150	1
M648176	7	116B01	627400	7117150	1
M648175	8	116B01	627450	7117150	1
M648174	9	116B01	627500	7117150	1
M648173	10	116B01	627550	7117150	1
M648172	11	116B01	627600	7117150	1
M648171	12	116B01	627650	7117150	1
M648170	13	116B01	627700	7117150	1
M648169	14	116B01	627750	7117150	1
M648168	15	116B01	627800	7117150	1
M648167	16	116B01	627850	7117150	1
M648166	17	116B01	627900	7117150	1
M648165	18	116B01	627950	7117150	1
M648164	19	116B01	628000	7117150	1
M648163	20	116B01	628050	7117150	1
M648162	21	116B01	628100	7117150	1
M648161	22	116B01	628150	7117150	1
M648160	23	116B01	628200	7117150	1
M648159	24	116B01	628250	7117150	1
M648158	25	116B01	628300	7117150	1
M648157	26	116B01	628350	7117150	1
M648156	27	116B01	628400	7117150	1
M648155	28	116B01	628450	7117150	1
M648154	29	116B01	628500	7117150	1
M648153	30	116B01	628550	7117150	1
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M648133	33	116B01	627150	7117000	2
M648132	34	116B01	627200	7117000	2
M648131	35	116B01	627250	7117000	2
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M648129	37	116B01	627350	7117000	2
M648128	38	116B01	627400	7117000	2
M648127	39	116B01	627450	7117000	2
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M648115	53	116B01	628150	7117000	2
M648114	54	116B01	628200	7117000	2
M648113	55	116B01	628250	7117000	2
M648111	56	116B01	628300	7117000	2
M648110	57	116B01	628350	7117000	2
M648109	58	116B01	628400	7117000	2
M648108	59	116B01	628450	7117000	2
M648107	60	116B01	628500	7117000	2
M648106	61	116B01	628550	7117000	2
M648105	63	116B01	628650	7117000	2
M648104	64	116B01	628700	7117000	2
M648103	65	116B01	628750	7117000	2
M648102	66	116B01	628800	7117000	2
M648101	67	116B01	628850	7117000	2
M648134	68	116B01	626950	7116850	3

SAMPLE NO.	Waypoint	NTS MAP	UTM E NAD 83 ZN 7	UTM N NAD 83 ZN 7	LINE
M648135	69	116B01	627000	7116850	3
M648136	70	116B01	627050	7116850	3
M648137	71	116B01	627100	7116850	3
M648138	72	116B01	627150	7116850	3
M648139	73	116B01	627200	7116850	3
M648140	74	116B01	627250	7116850	3
M648141	75	116B01	627300	7116850	3
M648142	76	116B01	627350	7116850	3
M648143	77	116B01	627400	7116850	3
M648144	78	116B01	627450	7116850	3
M648145	80	116B01	627550	7116850	3
M648146	81	116B01	627600	7116850	3
M648147	82	116B01	627650	7116850	3
M648148	83	116B01	627700	7116850	3
M648196	84	116B01	627750	7116850	3
M648195	85	116B01	627800	7116850	3
M648194	86	116B01	627850	7116850	3
M648193	87	116B01	627900	7116850	3
M648192	88	116B01	627950	7116850	3
M648191	89	116B01	628000	7116850	3
M648190	90	116B01	628050	7116850	3
M648189	92	116B01	628150	7116850	3
M648188	93	116B01	628200	7116850	3
M648187	94	116B01	628250	7116850	3
M648186	95	116B01	628300	7116850	3
M648185	96	116B01	628350	7116850	3
M648184	97	116B01	628400	7116850	3
M648183	98	116B01	628450	7116850	3
M648182	99	116B01	628500	7116850	3
M648181	100	116B01	628550	7116850	3
M648180	101	116B01	628600	7116850	3
M648179	102	116B01	628650	7116850	3
M648178	103	116B01	628700	7116850	3
M648335	104	116B01	626700	7116700	4
M648334	105	116B01	626750	7116700	4
M648333	106	116B01	626800	7116700	4
M648332	108	116B01	626900	7116700	4
M648331	109	116B01	626950	7116700	4
M648330	110	116B01	627000	7116700	4
M648329	111	116B01	627050	7116700	4
M648328	112	116B01	627100	7116700	4
M648327	113	116B01	627150	7116700	4
M648326	115	116B01	627250	7116700	4
M648325	118	116B01	627400	7116700	4
M648324	120	116B01	627500	7116700	4
M648323	121	116B01	627550	7116700	4
M648322	122	116B01	627600	7116700	4
M648321	123	116B01	627650	7116700	4
M648320	124	116B01	627700	7116700	4
M648319	125	116B01	627750	7116700	4
M648318	126	116B01	627800	7116700	4
M648317	128	116B01	627900	7116700	4
M648316	129	116B01	627950	7116700	4
M648315	130	116B01	628000	7116700	4
M648314	131	116B01	628050	7116700	4
M648313	132	116B01	628100	7116700	4
M648312	133	116B01	628150	7116700	4
M648311	134	116B01	628200	7116700	4
M648310	135	116B01	628250	7116700	4
M648309	136	116B01	628300	7116700	4
M648308	137	116B01	628350	7116700	4
M648307	138	116B01	628400	7116700	4
M648306	139	116B01	628450	7116700	4
M648305	140	116B01	628500	7116700	4

SAMPLE NO.	Waypoint	NTS MAP	UTM E NAD 83 ZN 7	UTM N NAD 83 ZN 7	LINE
M648304	141	116B01	628550	7116700	4
M648303	142	116B01	628600	7116700	4
M648302	143	116B01	628650	7116700	4
M648301	144	116B01	628700	7116700	4
M648207	151	116B01	626750	7116550	5
M648206	152	116B01	626800	7116550	5
M648205	153	116B01	626850	7116550	5
M648204	154	116B01	626900	7116550	5
M648203	155	116B01	626950	7116550	5
M648202	156	116B01	627000	7116550	5
M648201	157	116B01	627050	7116550	5
M648200	158	116B01	627100	7116550	5
M648199	161	116B01	627250	7116550	5
M648198	163	116B01	627350	7116550	5
M648197	164	116B01	627400	7116550	5
M648372	165	116B01	627450	7116550	5
M648371	166	116B01	627500	7116550	5
M648370	167	116B01	627550	7116550	5
M648369	168	116B01	627600	7116550	5
M648368	169	116B01	627650	7116550	5
M648367	170	116B01	627700	7116550	5
M648366	171	116B01	627750	7116550	5
M648365	172	116B01	627800	7116550	5
M648364	173	116B01	627850	7116550	5
M648363	174	116B01	627900	7116550	5
M648362	175	116B01	627950	7116550	5
M648361	176	116B01	628000	7116550	5
M648360	177	116B01	628050	7116550	5
M648359	178	116B01	628100	7116550	5
M648358	179	116B01	628150	7116550	5
M648357	180	116B01	628200	7116550	5
M648356	181	116B01	628250	7116550	5
M648355	182	116B01	628300	7116550	5
M648354	183	116B01	628350	7116550	5
M648353	184	116B01	628400	7116550	5
M648352	185	116B01	628450	7116550	5
M648351	186	116B01	628500	7116550	5
M648150	187	116B01	628550	7116550	5
M648149	188	116B01	628600	7116550	5
M648344	189	116B01	626450	7116400	6
M648343	194	116B01	626700	7116400	6
M648342	196	116B01	626800	7116400	6
M648341	203	116B01	627150	7116400	6
M648340	204	116B01	627200	7116400	6
M648339	205	116B01	627250	7116400	6
M648338	207	116B01	627350	7116400	6
M648337	208	116B01	627400	7116400	6
M648336	209	116B01	627450	7116400	6
M648373	210	116B01	627500	7116400	6
M648374	211	116B01	627550	7116400	6
M648375	212	116B01	627600	7116400	6
M648376	213	116B01	627650	7116400	6
M648377	216	116B01	627800	7116400	6
M648378	217	116B01	627850	7116400	6
M648379	218	116B01	627900	7116400	6
M648380	219	116B01	627950	7116400	6
M648580	220	116B01	628000	7116400	6
M648381	221	116B01	628050	7116400	6
M648579	222	116B01	628100	7116400	6
M648382	223	116B01	628150	7116400	6
M648578	224	116B01	628200	7116400	6
M648383	225	116B01	628250	7116400	6
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M648384	227	116B01	628350	7116400	6

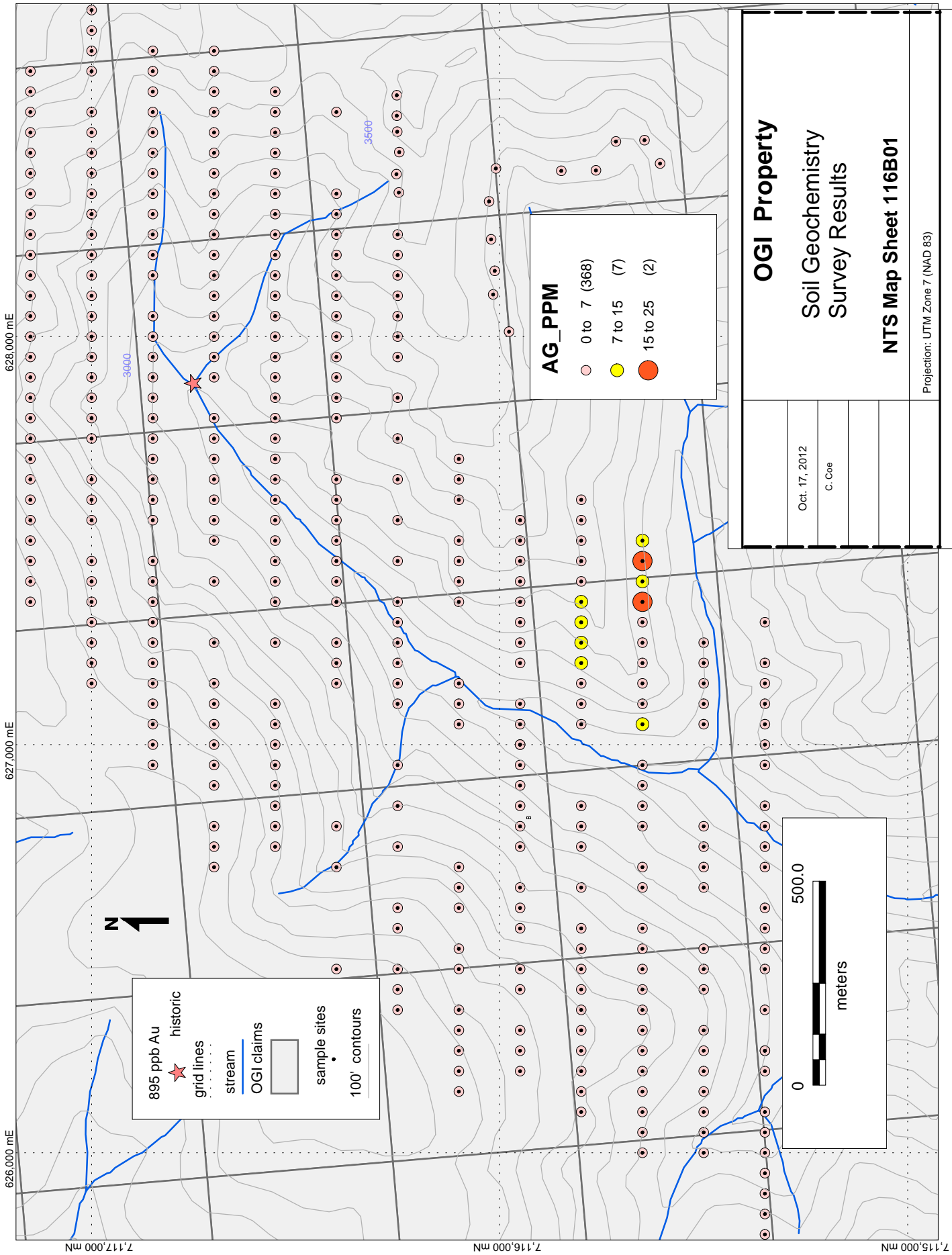
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M648388	234	116B01	626450	7116250	7
M648389	236	116B01	626550	7116250	7
M648390	237	116B01	626600	7116250	7
M648391	240	116B01	626750	7116250	7
M648392	242	116B01	626850	7116250	7
M648393	244	116B01	626950	7116250	7
M648290	247	116B01	627100	7116250	7
M648291	248	116B01	627150	7116250	7
M648292	249	116B01	627200	7116250	7
M648293	250	116B01	627250	7116250	7
M648294	251	116B01	627300	7116250	7
M648295	252	116B01	627350	7116250	7
M648208	254	116B01	627450	7116250	7
M648209	256	116B01	627550	7116250	7
M648210	258	116B01	627650	7116250	7
M648211	260	116B01	627750	7116250	7
M648212	262	116B01	627850	7116250	7
M648213	264	116B01	627950	7116250	7
M648470	265	116B01	628000	7116250	7
M648300	266	116B01	628050	7116250	7
M648299	267	116B01	628100	7116250	7
M648298	268	116B01	628150	7116250	7
M648297	269	116B01	628200	7116250	7
M648296	270	116B01	628250	7116250	7
M648270	271	116B01	626150	7116100	8
M648271	272	116B01	626200	7116100	8
M648272	273	116B01	626250	7116100	8
M648273	274	116B01	626300	7116100	8
M648274	275	116B01	626350	7116100	8
M648275	277	116B01	626450	7116100	8
M648276	278	116B01	626500	7116100	8
M648277	280	116B01	626600	7116100	8
M648278	281	116B01	626650	7116100	8
M648279	282	116B01	626700	7116100	8
M648280	289	116B01	627050	7116100	8
M648289	290	116B01	627100	7116100	8
M648288	291	116B01	627150	7116100	8
M648287	295	116B01	627350	7116100	8
M648286	296	116B01	627400	7116100	8
M648285	297	116B01	627450	7116100	8
M648284	298	116B01	627500	7116100	8
M648283	300	116B01	627600	7116100	8
M648282	301	116B01	627650	7116100	8
M648281	302	116B01	627700	7116100	8
M648345	303	116B01	626200	7115950	9
M648346	304	116B01	626250	7115950	9
M648347	305	116B01	626300	7115950	9
M648348	307	116B01	626400	7115950	9
M648349	308	116B01	626450	7115950	9
M648350	310	116B01	626550	7115950	9
M648251	311	116B01	626600	7115950	9
M648252	312	116B01	626650	7115950	9
M648253	314	116B01	626750	7115950	9
M648254	315	116B01	626800	7115950	9
M648255	316	116B01	626850	7115950	9
M648256	317	116B01	626900	7115950	9
M648257	318	116B01	626950	7115950	9
M648258	319	116B01	627000	7115950	9
M648259	319	116B01	627000	7115950	13
M648260	320	116B01	627050	7115950	9
M648261	321	116B01	627100	7115950	9

SAMPLE NO.	Waypoint	NTS MAP	UTM E NAD 83 ZN 7	UTM N NAD 83 ZN 7	LINE
M648262	323	116801	627200	7115950	9
M648263	324	116801	627250	7115950	9
M648264	325	116801	627300	7115950	9
M648265	326	116801	627350	7115950	9
M648266	327	116801	627400	7115950	9
M648267	328	116801	627450	7115950	9
M648268	329	116801	627500	7115950	9
M648269	330	116801	627550	7115950	9
M648460	331	116801	626100	7115800	10
M648459	332	116801	626150	7115800	10
M648458	333	116801	626200	7115800	10
M648457	334	116801	626250	7115800	10
M648456	335	116801	626300	7115800	10
M648455	336	116801	626350	7115800	10
M648454	337	116801	626400	7115800	10
M648453	338	116801	626450	7115800	10
M648452	339	116801	626500	7115800	10
M648451	340	116801	626550	7115800	10
M648229	342	116801	626650	7115800	10
M648228	344	116801	626750	7115800	10
M648227	345	116801	626800	7115800	10
M648226	346	116801	626850	7115800	10
M648225	350	116801	627050	7115800	10
M648224	351	116801	627100	7115800	10
M648223	352	116801	627150	7115800	10
M648222	353	116801	627200	7115800	10
M648221	354	116801	627250	7115800	10
M648220	355	116801	627300	7115800	10
M648219	356	116801	627350	7115800	10
M648218	357	116801	627400	7115800	10
M648217	358	116801	627450	7115800	10
M648216	359	116801	627500	7115800	10
M648215	360	116801	627550	7115800	10
M648214	361	116801	627600	7115800	10
M648420	362	116801	626000	7115650	11
M648421	363	116801	626050	7115650	11
M648422	364	116801	626100	7115650	11
M648423	365	116801	626150	7115650	11
M648424	366	116801	626200	7115650	11
M648425	367	116801	626250	7115650	11
M648426	368	116801	626300	7115650	11
M648427	369	116801	626350	7115650	11
M648428	370	116801	626400	7115650	11
M648429	371	116801	626450	7115650	11
M648430	372	116801	626500	7115650	11
M648431	373	116801	626550	7115650	11
M648432	375	116801	626650	7115650	11
M648433	377	116801	626700	7115650	11
M648434	378	116801	626800	7115650	11
M648435	379	116801	626850	7115650	11
M648436	380	116801	626900	7115650	11
M648437	381	116801	626950	7115650	11
M648438	383	116801	627050	7115650	11
M648439	384	116801	627100	7115650	11
M648440	385	116801	627150	7115650	11
M648441	386	116801	627200	7115650	11
M648442	387	116801	627250	7115650	11
M648443	388	116801	627300	7115650	11
M648444	389	116801	627350	7115650	11
M648445	390	116801	627400	7115650	11
M648446	391	116801	627450	7115650	11
M648447	392	116801	627500	7115650	11
M648448	395	116801	626000	7115500	12
M648449	396	116801	626050	7115500	12

SAMPLE NO.	Waypoint	NTS MAP	UTM E NAD 83 ZN 7	UTM N NAD 83 ZN 7	LINE
M648450	397	116801	626100	7115500	12
M648501	398	116801	626150	7115500	12
M648502	399	116801	626200	7115500	12
M648503	400	116801	626250	7115500	12
M648504	401	116801	626300	7115500	12
M648505	403	116801	626400	7115500	12
M648506	404	116801	626450	7115500	12
M648507	405	116801	626500	7115500	12
M648508	408	116801	626650	7115500	12
M648509	409	116801	626700	7115500	12
M648510	410	116801	626750	7115500	12
M648511	411	116801	626800	7115500	12
M648512	416	116801	627050	7115500	12
M648513	417	116801	627100	7115500	12
M648514	418	116801	627150	7115500	12
M648515	419	116801	627200	7115500	12
M648516	420	116801	627250	7115500	12
M648394	424	116801	625800	7115350	13
M648395	425	116801	625850	7115350	13
M648396	426	116801	625900	7115350	13
M648397	427	116801	625950	7115350	13
M648398	428	116801	626000	7115350	13
M648399	429	116801	626050	7115350	13
M648400	430	116801	626100	7115350	13
M648401	432	116801	626200	7115350	13
M648403	433	116801	626250	7115350	13
M648402	433	116801	626250	7115350	13
M648404	435	116801	626350	7115350	13
M648405	437	116801	626450	7115350	13
M648406	438	116801	626500	7115350	13
M648407	439	116801	626550	7115350	13
M648408	440	116801	626600	7115350	13
M648409	442	116801	626700	7115350	13
M648410	443	116801	626750	7115350	13
M648411	444	116801	626800	7115350	13
M648412	445	116801	626850	7115350	13
M648413	447	116801	626950	7115350	13
M648414	448	116801	627000	7115350	13
M648415	449	116801	627050	7115350	13
M648416	450	116801	627100	7115350	13
M648417	451	116801	627150	7115350	13
M648418	452	116801	627200	7115350	13
M648419	454	116801	627300	7115350	13
M648561	468	116801	628103	7116016	13
M648562	469	116801	628161	7116012	13
M648563	470	116801	628238	7116021	13
M648564	471	116801	628331	7116026	13
M648565	472	116801	628412	7116009	13
M648566	473	116801	628406	7115849	13
M648567	474	116801	628407	7115764	13
M648568	475	116801	628478	7115715	13
M648569	476	116801	628481	7115645	13
M648570	477	116801	628424	7115607	13
M648572	478	116801	628541	7116252	13
M648573	479	116801	628502	7116251	13
M648574	480	116801	628452	7116246	13
M648575	481	116801	628398	7116253	13
M648576	482	116801	628353	7116247	13
M648560	468 start contour	116801	628012	7115977	contour traverse
M648571	Ln#7 478 EAST	116801	628591	7116252	13
M648112	WP 56 DUP	116801	628300	7117000	2

# APPENDIX III

Metal Plots



895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**AG\_PPM**

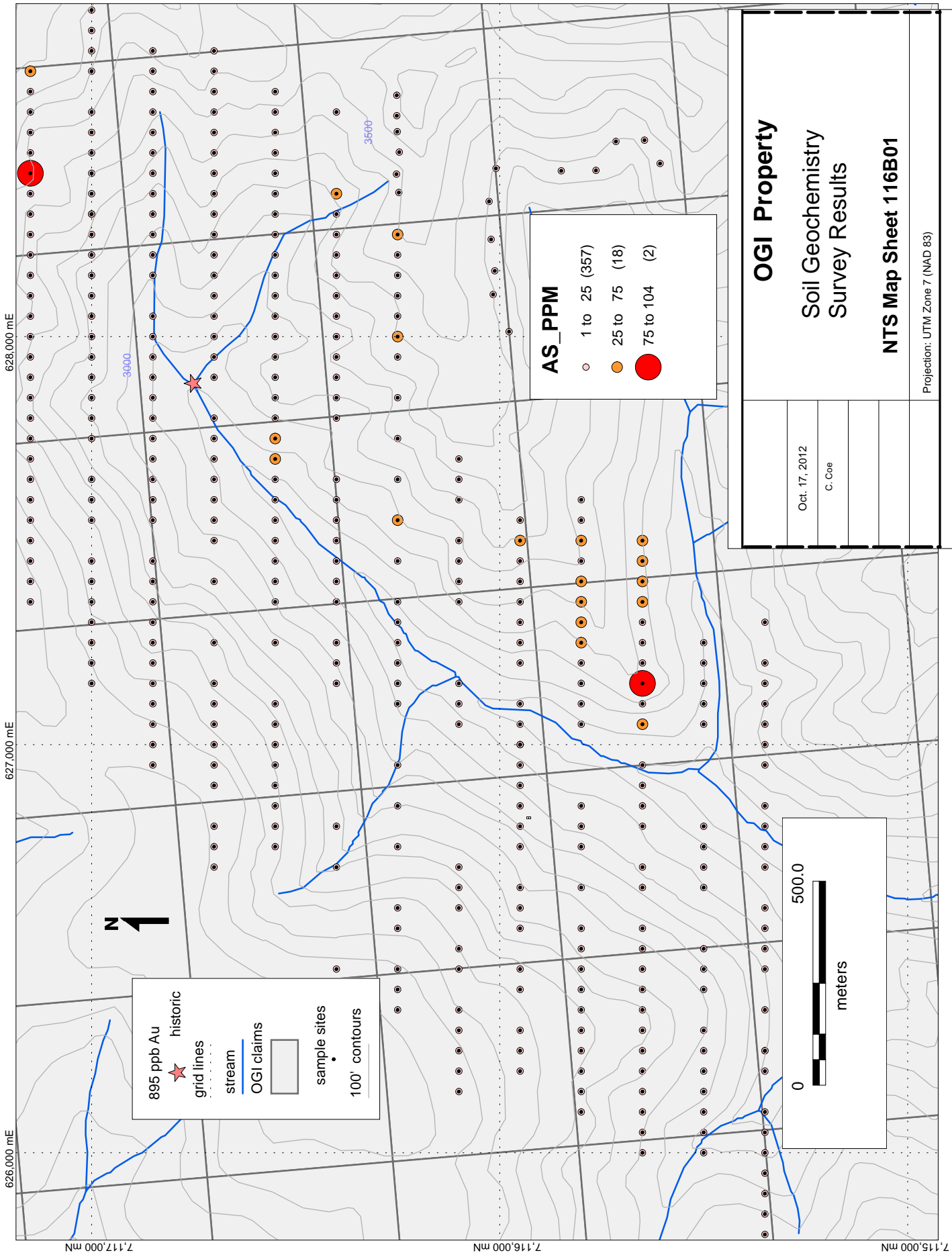
- 0 to 7 (368)
- 7 to 15 (7)
- 15 to 25 (2)

0 500.0  
 meters

**OGI Property**  
 Soil Geochemistry  
 Survey Results  
**NTS Map Sheet 116B01**

Oct. 17, 2012  
 C. Coe

Projection: UTM Zone 7 (NAD 83)



628,000 mE

627,000 mE

626,000 mE

7,117,000 mN

7,116,000 mN

7,115,000 mN

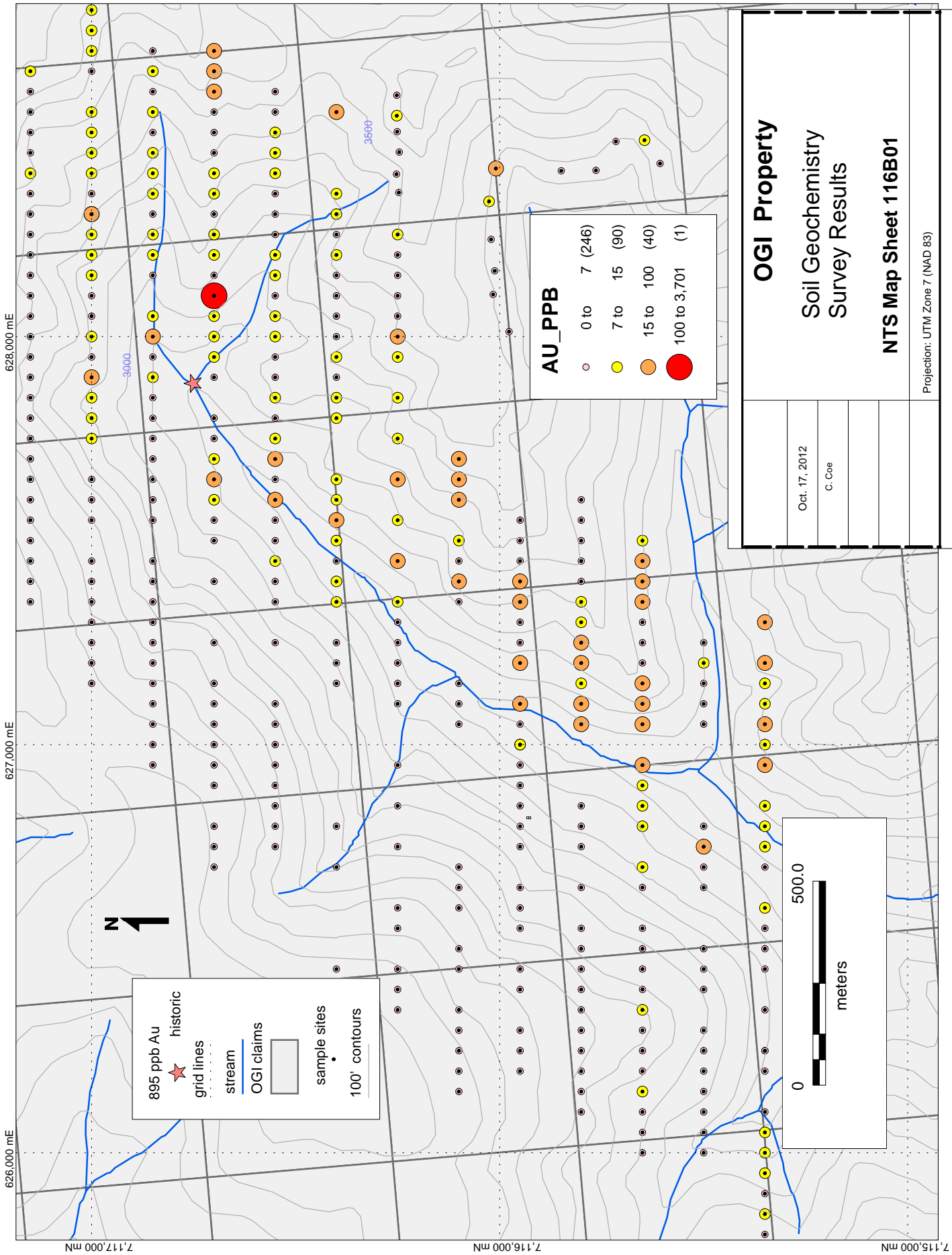
895 ppb Au historic  
 grid lines   
 stream   
 OGI claims   
 sample sites   
 100' contours

**AS\_PPM**

1 to 25 (357)  
 25 to 75 (18)  
 75 to 104 (2)

<b>OGI Property</b>	
Soil Geochemistry Survey Results	
<b>NTS Map Sheet 116B01</b>	
Projection: UTM Zone 7 (NAD 83)	
Oct. 17, 2012	
C. Coe	

0 500.0  
meters



628,000 mE

627,000 mE

626,000 mE

7,117,000 mN

7,116,000 mN

7,115,000 mN

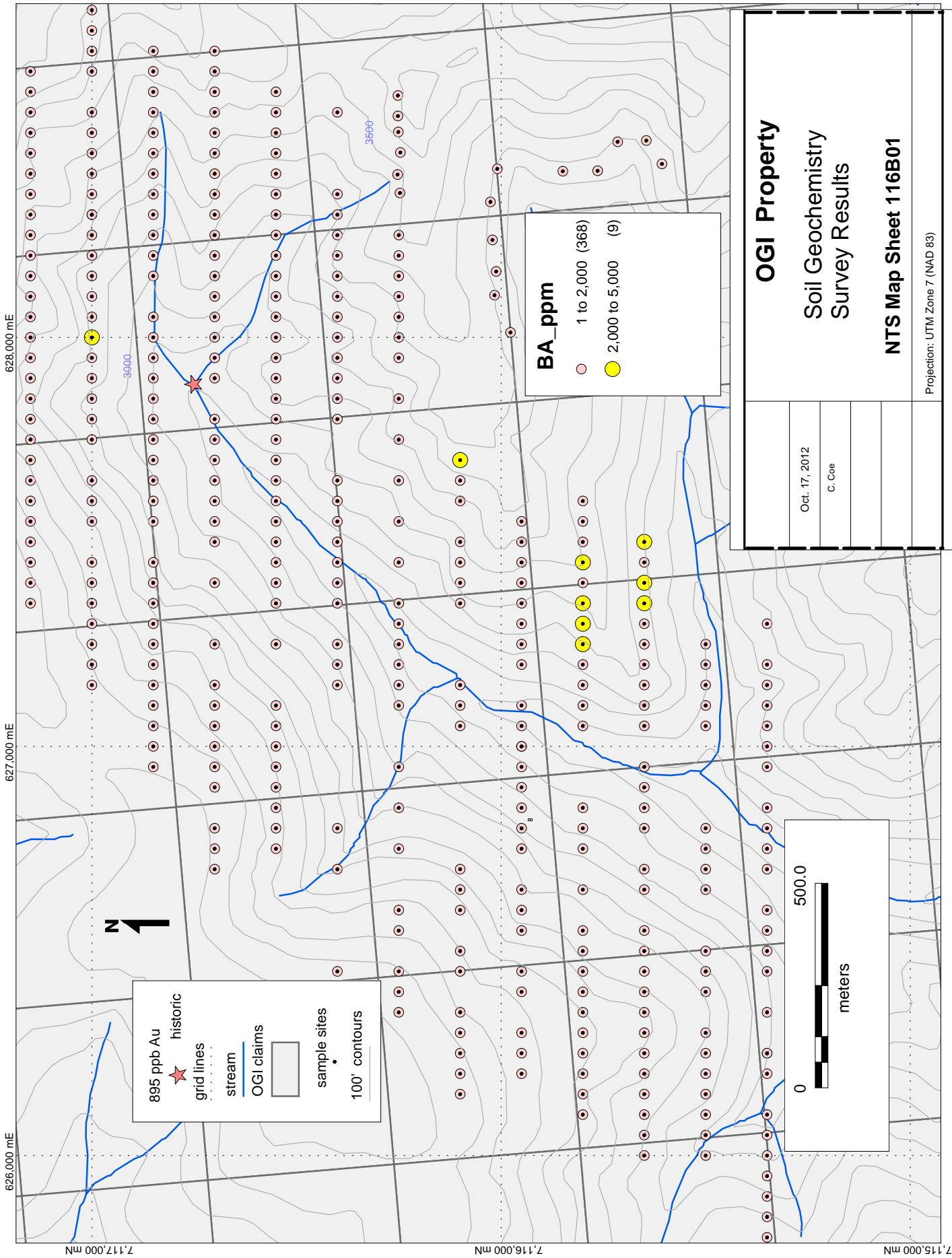
895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**AU\_PPb**

- 0 to 7 (246)
- 7 to 15 (90)
- 15 to 100 (40)
- 100 to 3,701 (1)

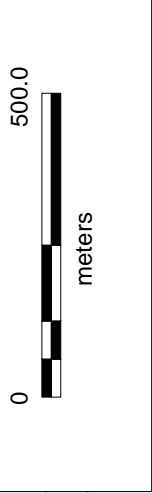
0 500.0  
 meters

**OGI Property**  
 Soil Geochemistry  
 Survey Results  
**NTS Map Sheet 116B01**  
 Oct. 17, 2012  
 C. Coe  
 Projection: UTM Zone 7 (NAD 83)

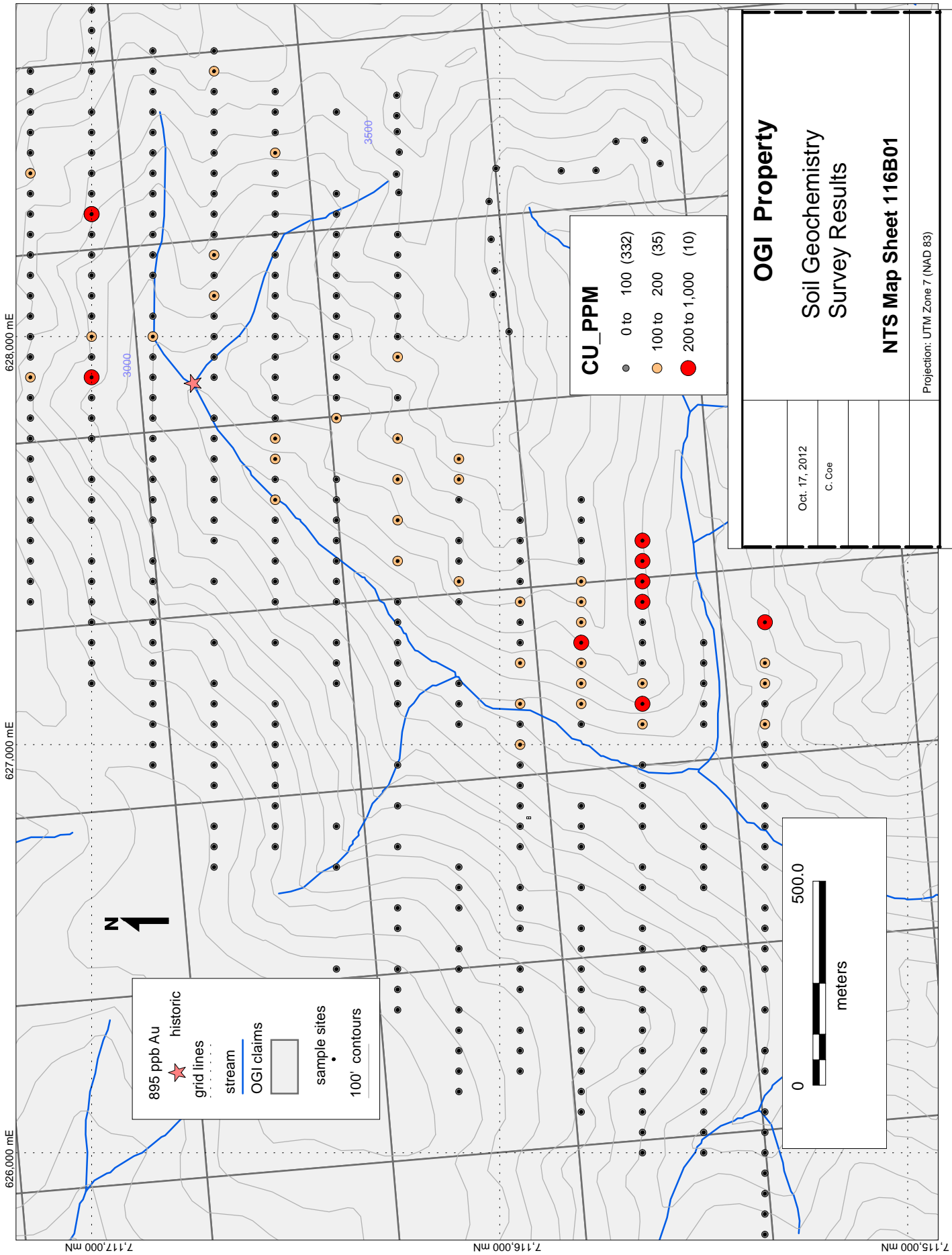


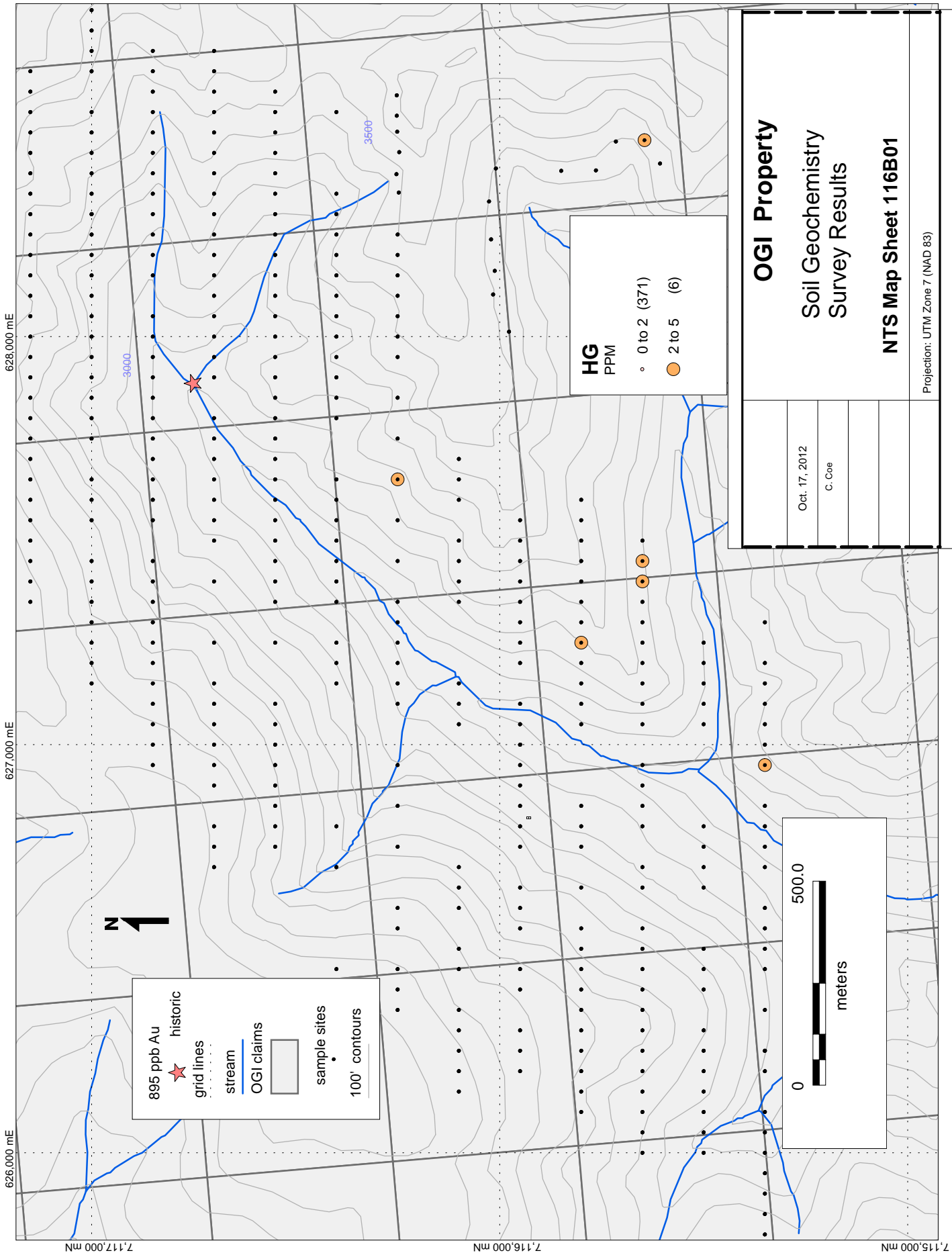
895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**BA ppm**  
 ● 1 to 2,000 (368)  
 ● 2,000 to 5,000 (9)



<b>OGI Property</b>	
Soil Geochemistry Survey Results	
<b>NTS Map Sheet 116B01</b>	
Projection: UTM Zone 7 (NAD 83)	
Oct. 17, 2012	
C. Coe	





628,000 mE

627,000 mE

626,000 mE

7,117,000 mN

7,116,000 mN

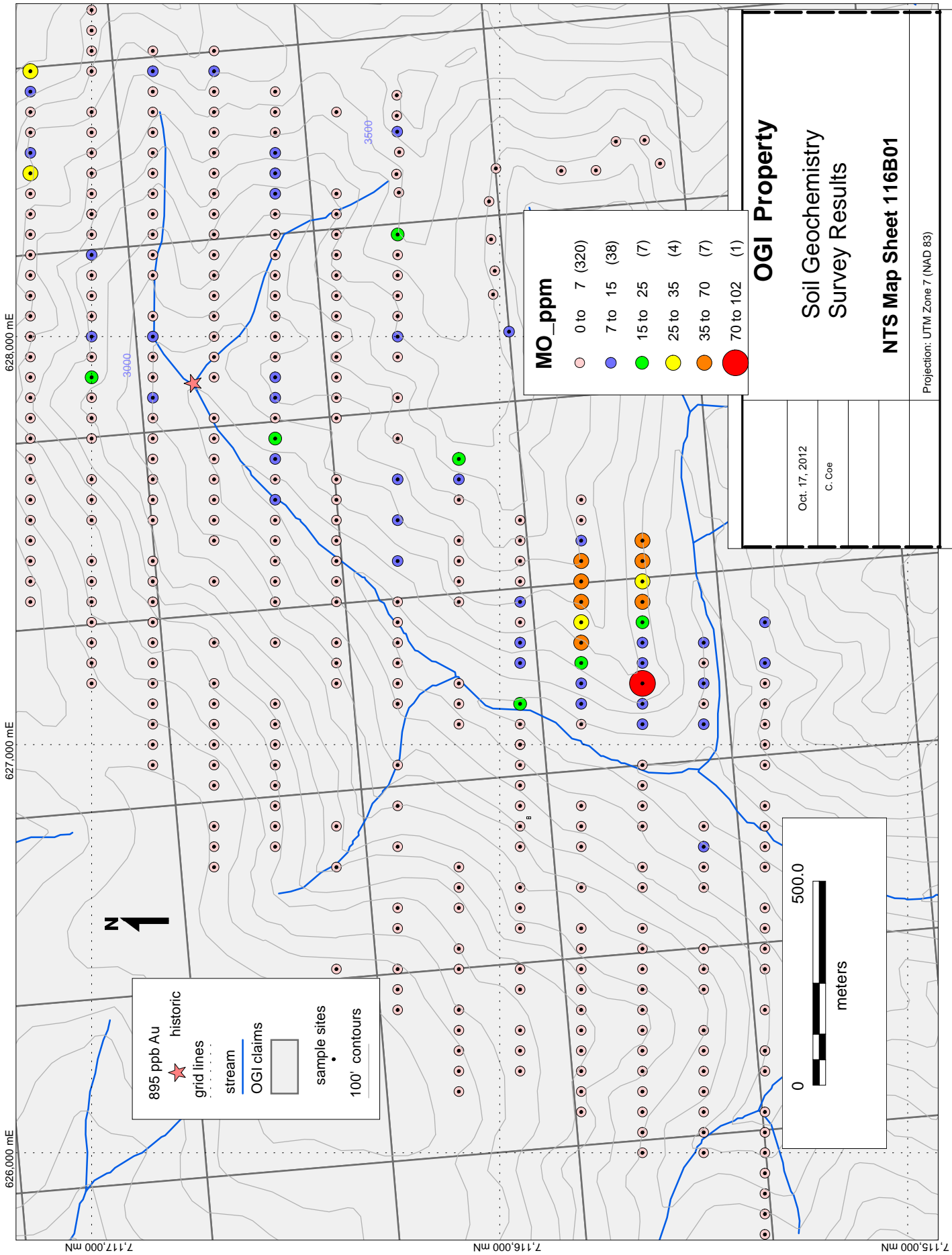
7,115,000 mN

895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**HG**  
 PPM  
 ○ 0 to 2 (371)  
 ● 2 to 5 (6)

500.0  
 0  
 meters

**OGI Property**  
 Soil Geochemistry  
 Survey Results  
**NTS Map Sheet 116B01**  
 Oct. 17, 2012  
 C. Coe  
 Projection: UTM Zone 7 (NAD 83)

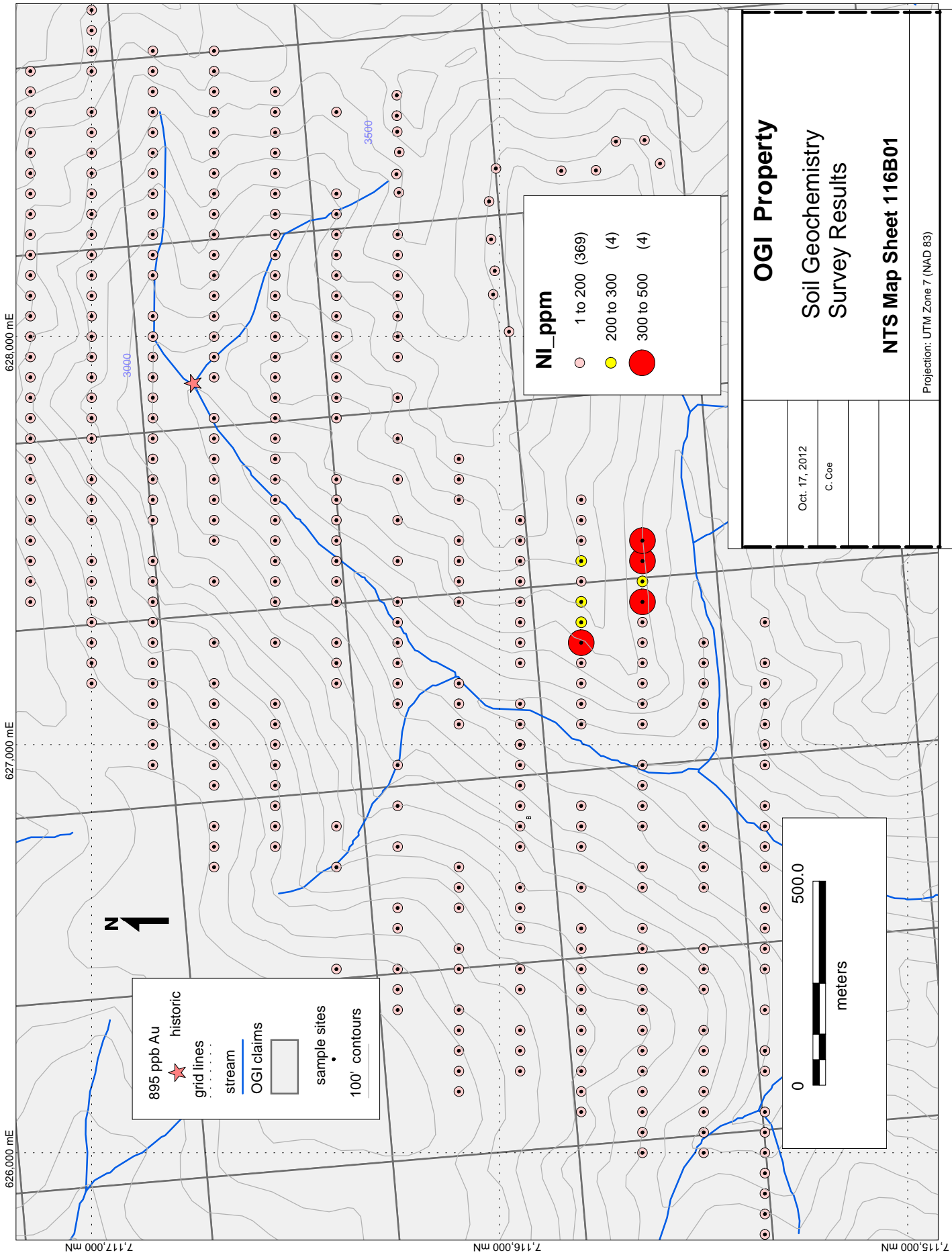


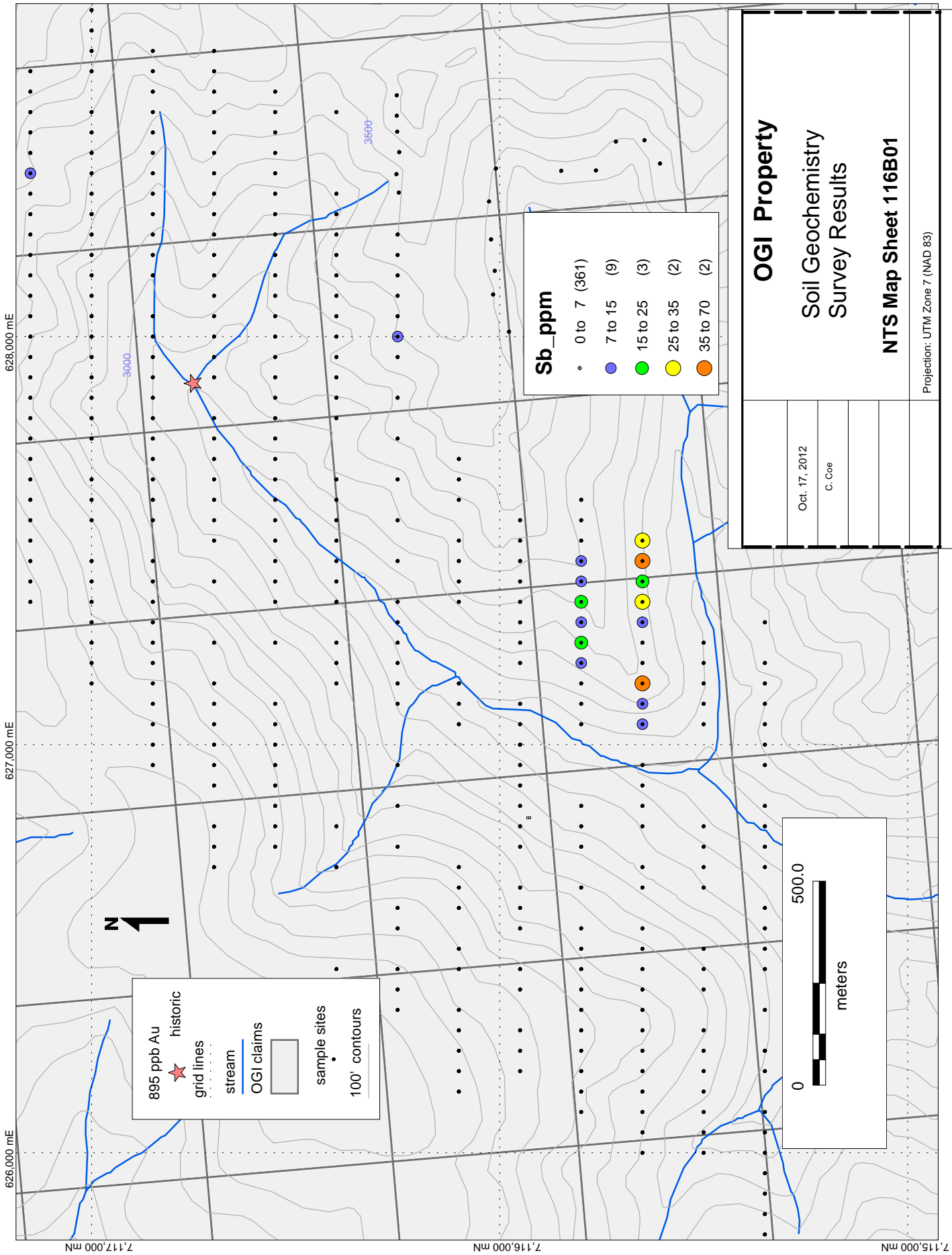
895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**MO\_ppm**  
 0 to 7 (320)  
 7 to 15 (38)  
 15 to 25 (7)  
 25 to 35 (4)  
 35 to 70 (7)  
 70 to 102 (1)

**OGI Property**  
 Soil Geochemistry  
 Survey Results  
**NTS Map Sheet 116B01**  
 Oct. 17, 2012  
 C. Coe  
 Projection: UTM Zone 7 (NAD 83)

0 500.0  
 meters

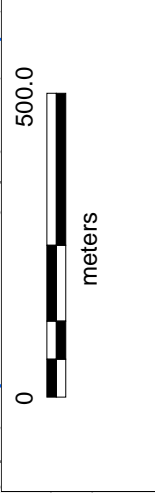




895 ppb Au  
 historic  
 grid lines  
 stream  
 OGI claims  
 sample sites  
 100' contours

**Sb\_ppm**

- 0 to 7 (361)
- 7 to 15 (9)
- 15 to 25 (3)
- 25 to 35 (2)
- 35 to 70 (2)



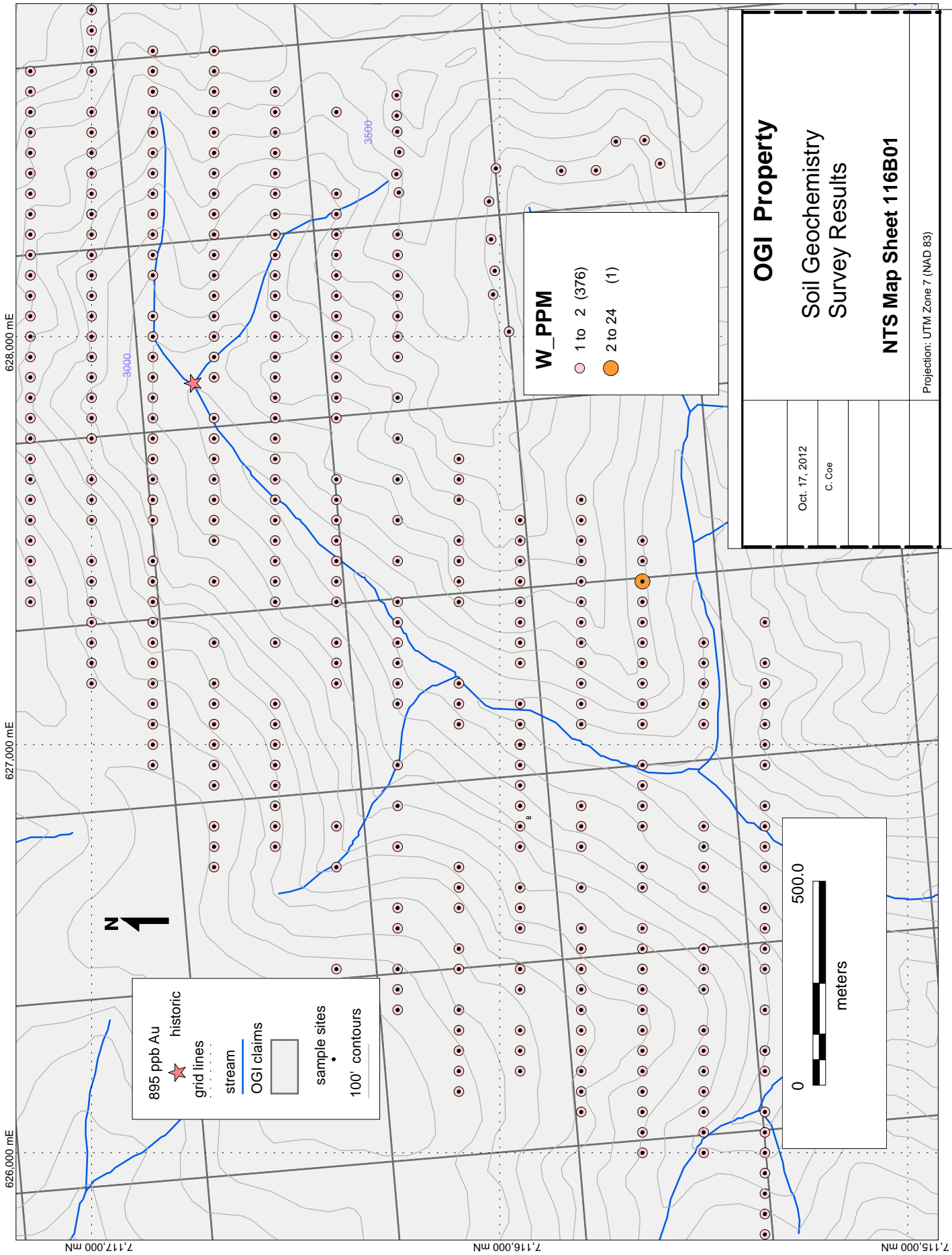
**OGI Property**

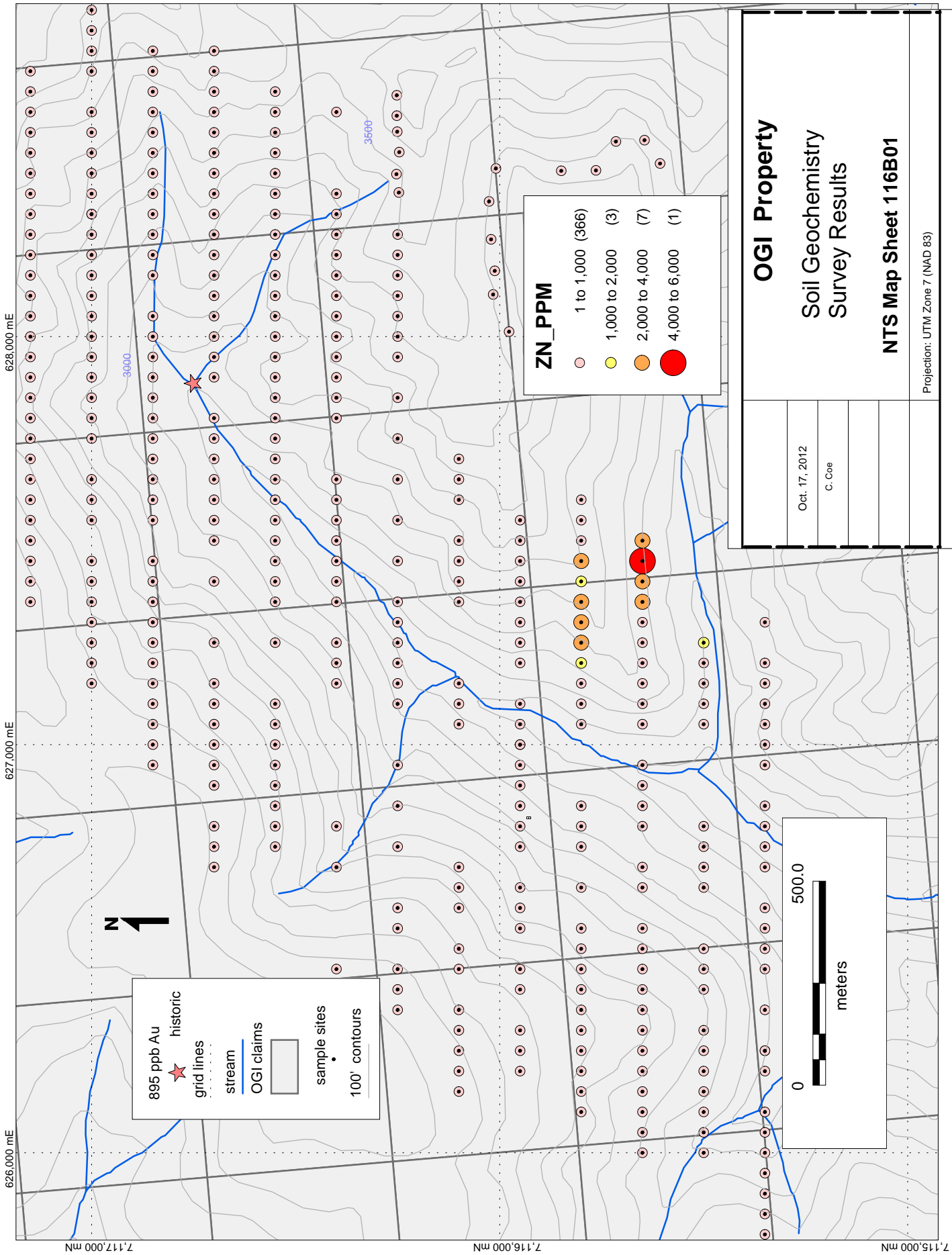
Soil Geochemistry  
 Survey Results

**NTS Map Sheet 116B01**

Oct. 17, 2012  
 C. Coe

Projection: UTM Zone 7 (NAD 83)

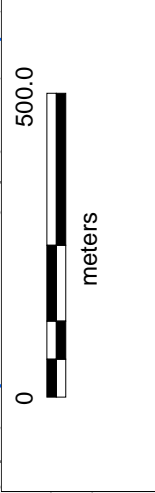




895 ppb Au historic  
 grid lines   
 stream   
 OGI claims   
 sample sites   
 100' contours

**ZN\_PPM**

1 to 1,000 (366)  
 1,000 to 2,000 (3)  
 2,000 to 4,000 (7)  
 4,000 to 6,000 (1)



**OGI Property**

Soil Geochemistry  
Survey Results

**NTS Map Sheet 116B01**

Oct. 17, 2012  
C. Coe

Projection: UTM Zone 7 (NAD 83)

# APPENDIX IV

Assay Certificates