

ASSESSMENT REPORT

2016 PROSPECTING AND SOIL SAMPLING

on the

Josephine Property

Dawson Mining District, Yukon Territory

for

Nevada Zinc Corp.

Claims: 'JO' 1-100 (YD93501 – YD93600), 'JO' 101-109 (YD14061 – YD14069)

NTS Mapsheets: 115P14, 115P15

UTM Coordinates: E400000, N7087000 (NAD83, Zone8)

Owner: Nevada Zinc Corp. (Goldspike Exploration Inc.)

Author: D. Ferraro, HBSc.

Dates worked performed: September 9th, 2016

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1.0 SUMMARY

A 1 day prospecting program was conducted on the Josephine Property on September 9th, 2016. The property is owned 100% by Nevada Zinc Corp. (formerly Goldspike Exploration Inc.) and consists of 109 contiguous quartz claims located in the Dawson Mining District.

The Josephine Property is situated in the Clear Creek area, approximately 122 km ESE of Dawson City. It can be reached by truck via Clear Creek road which begins at the Klondike Highway approximately 100 km west of Dawson. The majority of the property is best accessed by helicopter.

Geologically, the property is located in the Tintina gold belt. The region is underlain by Hyland Group metasedimentary rocks which have been intruded by a wide range of Cretaceous aged dykes, sills and stocks known as the Tombstone Plutonic Suite. Gold mineralization in the area is generally related to these intrusions. The property itself is proximal to the Josephine Stock and Josephine gold-tungsten occurrence, and is dominated by chlorite and mica schists, quartzite, and slate.

Similar to the brief 2014 program, the purpose of the prospecting was to find the source of an anomalous Au-As-Sb soil trend approximately 1000x300m in size with an EW orientation. A total of 11 rock samples and 7 soil samples were taken on the property. Some of these rock samples were taken from a placer-targeted sonic drill program. Although prospecting was unsuccessful in finding the bedrock source of the soil anomalies, multiple samples of float were found with geochemistry matching that of the soil samples. Also notable is the fact that the samples spanned multiple lithologies.

Samples were collected in a creek draw which is interpreted and mapped to be part of the Josephine Creek Fault. The soil trend occurs along this fault. A structural analysis of mineralization in the Clear Creek area by Stephens et al. (2000) determined favourable sites for gold mineralization are east-west fracture zones connected to ~165 degree oriented structures. This model is a potential match for the mineralization observed in the targeted area.

A mechanical trenching program is recommended over the trend as well as further soil sampling to define its boundaries. Ground magnetometer and resistivity surveys may be beneficial in outlining intrusive material and hydrothermal activity, respectively.

2.0 INTRODUCTION

This report describes the 2016 geochemical and prospecting program on the Josephine Property, owned by Nevada Zinc Corp. (formerly Goldspike Exploration Inc.) of Toronto, ON. It has been written to fulfill the requirements of the Yukon Mining Recorder. Field work was performed by D. Ferraro and Druid Exploration Inc. of Dawson City, YT.

3.0 PROPERTY LOCATION AND ACCESS

The Josephine Property is situated in the Clear Creek area, approximately 122 km ESE of Dawson City (Figure 1). It can be reached by truck via Clear Creek road which begins at the Klondike Highway approximately 100 km west of Dawson. Although the road gets progressively rougher, it is possible to reach the property about 50 km in. An ATV trail runs along Josephine Creek for further ground access.

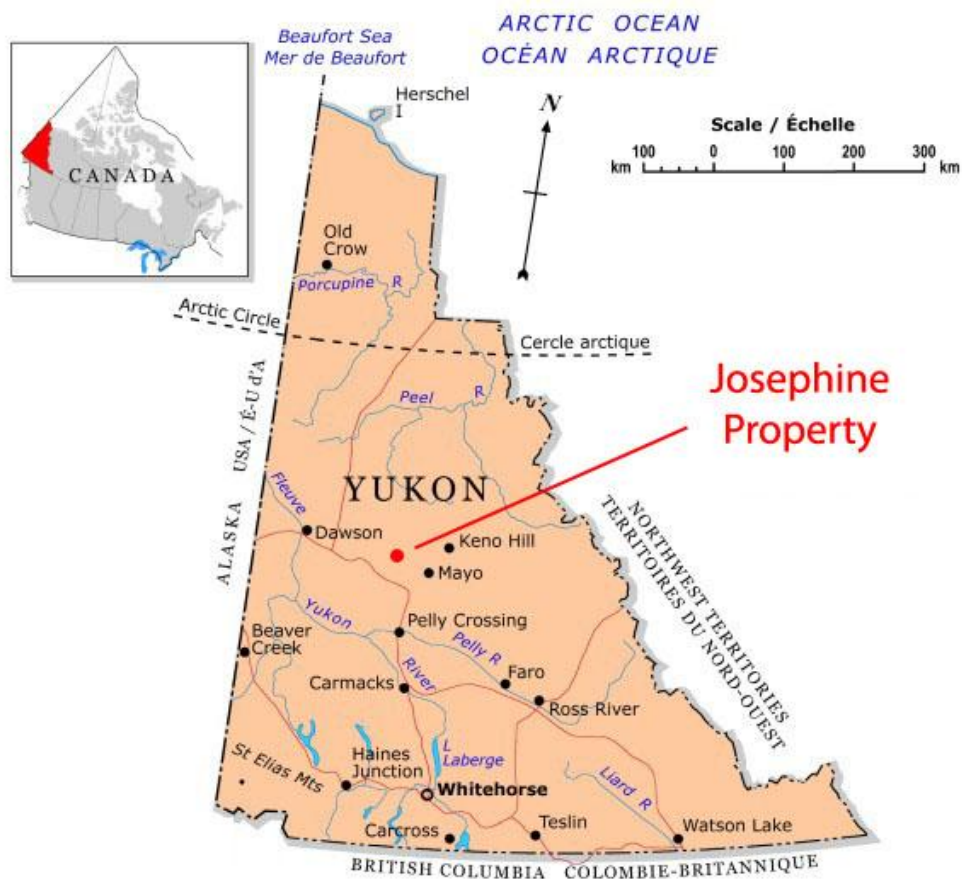


Figure 1: General location of the Josephine Property (modified from NRCAN, 2006).

4.0 TOPOGRAPHY, VEGETATION, AND CLIMATE

The Josephine Property is situated in a fairly high relief area of the Clear Creek – McQuesten River region. It straddles Josephine Creek (Photo 1) which has a number of small tributaries. The south is defined by the ‘West Ridge’ range and is incised by Big Creek. Elevations range from 3200 ft to 5500 ft.

Vegetation consists of evergreen and deciduous forest which dominates the slopes. The mountain tops are generally bare due to high elevations with buck brush covering. The treeline ranges from 4100 ft to 4500 ft. Outcrop exposure is fair on the mountain tops, but very limited at lower elevations.

The Yukon has a subarctic continental climate with a mean summer temperature of 10 degrees celcius and a mean winter temperature of -23 degrees celcius. Temperature extremes of 35 degrees and -55 degrees celcius are common in the summer and winter, respectively.



Photo 1: Josephine Creek on a typical rainy day (facing north).

5.0 PROPERTY DESCRIPTION

The present property consists of 109 contiguous quartz claims in the Dawson Mining District. The 109 'JO' claims can be found on NTS mapsheets 115P14 and 115P15 (see Figure 2). The claims are owned 100% by Nevada Zinc Corp. (Goldspike Exploration Inc.) of Toronto, Ontario.

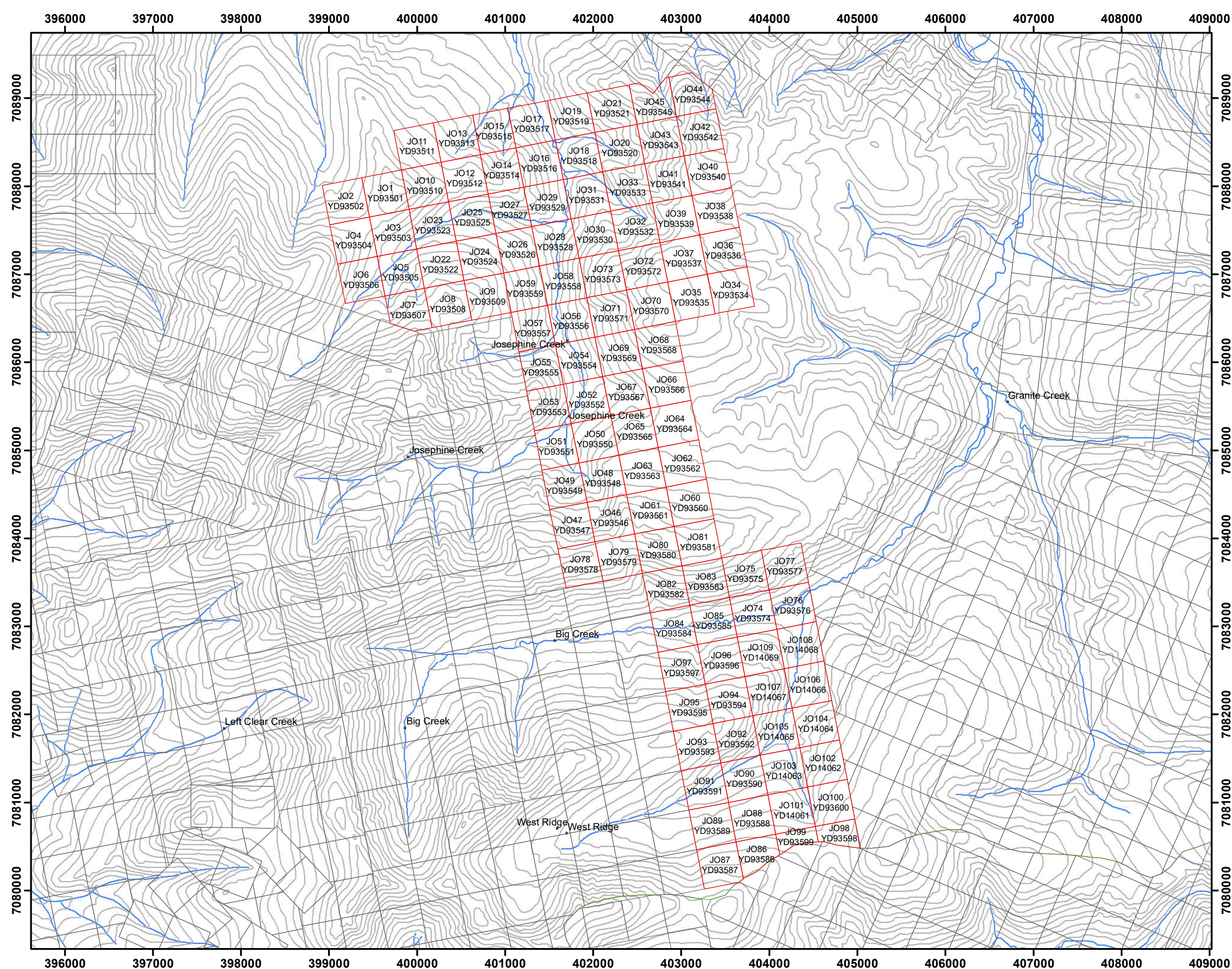
A complete list of the mining claims that make up the Josephine Property is as follows:

Table 1: Claims comprising the Josephine Property.

Claim Name	Claim Number	Grant Number	Claim Owner	Status	Claim Expiry Date
JO	1	YD93501	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	2	YD93502	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	3	YD93503	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	4	YD93504	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	5	YD93505	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	6	YD93506	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	7	YD93507	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	8	YD93508	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	9	YD93509	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	10	YD93510	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	11	YD93511	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	12	YD93512	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	13	YD93513	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	14	YD93514	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	15	YD93515	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	16	YD93516	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	17	YD93517	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	18	YD93518	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	19	YD93519	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	20	YD93520	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	21	YD93521	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	22	YD93522	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	23	YD93523	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	24	YD93524	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	25	YD93525	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	26	YD93526	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	27	YD93527	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	28	YD93528	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	29	YD93529	Goldspike Exploration Inc. (100%)	Active	21/09/2018

JO	30	YD93530	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	31	YD93531	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	32	YD93532	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	33	YD93533	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	34	YD93534	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	35	YD93535	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	36	YD93536	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	37	YD93537	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	38	YD93538	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	39	YD93539	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	40	YD93540	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	41	YD93541	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	42	YD93542	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	43	YD93543	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	44	YD93544	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	45	YD93545	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	46	YD93546	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	47	YD93547	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	48	YD93548	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	49	YD93549	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	50	YD93550	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	51	YD93551	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	52	YD93552	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	53	YD93553	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	54	YD93554	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	55	YD93555	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	56	YD93556	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	57	YD93557	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	58	YD93558	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	59	YD93559	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	60	YD93560	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	61	YD93561	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	62	YD93562	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	63	YD93563	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	64	YD93564	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	65	YD93565	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	66	YD93566	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	67	YD93567	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	68	YD93568	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	69	YD93569	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	70	YD93570	Goldspike Exploration Inc. (100%)	Active	21/09/2019

JO	71	YD93571	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	72	YD93572	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	73	YD93573	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	74	YD93574	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	75	YD93575	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	76	YD93576	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	77	YD93577	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	78	YD93578	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	79	YD93579	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	80	YD93580	Goldspike Exploration Inc. (100%)	Active	21/09/2019
JO	81	YD93581	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	82	YD93582	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	83	YD93583	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	84	YD93584	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	85	YD93585	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	86	YD93586	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	87	YD93587	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	88	YD93588	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	89	YD93589	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	90	YD93590	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	91	YD93591	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	92	YD93592	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	93	YD93593	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	94	YD93594	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	95	YD93595	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	96	YD93596	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	97	YD93597	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	98	YD93598	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	99	YD93599	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	100	YD93600	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	101	YD14061	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	102	YD14062	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	103	YD14063	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	104	YD14064	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	105	YD14065	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	106	YD14066	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	107	YD14067	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	108	YD14068	Goldspike Exploration Inc. (100%)	Active	21/09/2018
JO	109	YD14069	Goldspike Exploration Inc. (100%)	Active	21/09/2018



Josephine Property

Fig. 2: Claim Location Map

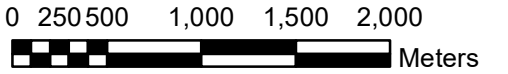
Nevada Zinc Corp.

Josephine Creek area,
Dawson Mining District

Legend

- Josephine Property
- Yukon quartz claims
- Mining district boundary

1:40,000



Date: January 2017
 Mapsheets: 115P14, 115P15
 Datum: UTM NAD83 Zone 8

6.0 PROPERTY HISTORY

The Josephine and Clear Creek areas have had a long history of placer gold production and hard rock exploration. Quartz claims in the area were recorded as early as 1902 at Josephine Creek and Lewis Gulch. The Lewis Gulch gold-pyrite showing is located southwest of the Josephine Property and was drilled in 1989 by Secret Pass Minerals. They intersected a 0.5 metre wide pyrite-sericite-quartz-clay gouge zone that assayed 18.7 g/t Au (Minfile 115P023).

The Josephine gold-tungsten occurrence is reportedly located 4 miles above the mouth of Josephine Creek. During 1902-03, M. Spisak drove three shallow adits, the longest being 20.7m. Further claims were added from 1912-1914. The area was fairly inactive until 1962 when the claims were restaked by T. Gergich then again in 1980 by Canada Tungsten. Government collected grab samples from the showing have yielded values of 5.14 g/t Au from an arsenopyrite bearing quartz vein and values of 7.63 g/t Au and 0.61% WO, from scheelite bearing quartz veinlets (Minfile 115P11).

During the late 1960's and early 1970's Canada Tungsten explored the Josephine, Rhosgobel, Pukelman stocks for tungsten potential. At the Rhosgobel and Pukelman occurrences, gold is associated with arsenopyrite bearing quartz veins in both the intrusive and hornfelsed country rocks. Drilling in 1988 by Goldrite Mining Corp. at the Pukelman intersected 1.1 metres of 8.57 g/t Au.

From 2010 to 2013, Golden Predator Corp. held 300 quartz claims west of the Josephine Property covering the Josephine, Eiger, Pukelman, and Rhosgobel stocks. During 2010 reverse circulation drilling at the 'Contact Zone' of the Pukelman Stock intercepted significant gold mineralization. RC Hole CC10-22 intercepted 137.50 g/t Au over 1.52 m from a depth of 3.05 m and RC Hole CC10-20 intercepted 0.719 g/t Au over 30.48 m from a depth of 38.1 m (Golden Predator, 2011).

The most recent and comprehensive work on the current Josephine Property was done by Newmont Exploration Ltd. In 1997, Newmont obtained strongly anomalous gold values in silt along Josephine Creek (275, 175, 85, 80 and 80 ppb), as well as most of its tributaries (130, 115, 60 and 50 ppb Au). Arsenic values in silt were also highly anomalous (up to 410 ppm). Newmont also outlined a large Au-As soil anomaly 1 km northeast of the Josephine occurrence, with values up to 80 ppb Au, 2350 ppm As and 32 ppm Sb. It measures about 2 km long and 1 km wide. The east half of Newmont's anomaly is located on the present JO claims, and the west half extends onto Golden Predator's property. The southwest part of Newmont's anomaly would most likely have extended further west along the ridge, at least as far as the 32 ppb gold-arsenic silt anomaly, except that this area was not sampled because it was outside Newmont's claims. Samples of silicified and brecciated metasediments in the anomalous area returned values of 0.1 to 0.2 g/t Au, but rock sampling was limited by poor outcrop (Stammers, 1997, Bremner, 2010).

7.0 GEOLOGY

7.1 Regional Geology

The Josephine Property is located in the Tintina gold belt of the central Yukon. The regional geology was mapped by Murphy and Heon in 1993 as underlain by a large unit of Hyland Group rocks comprising quartzo-feldspathic psammite (metamorphosed sandstone), micaceous psammite and muscovite-chlorite phyllite (see Figure 3). Other lithologies include gritty or pebbly psammite, meta-pebble conglomerate, marble and calc-silicate rocks. Younger, unmetamorphosed stratigraphy outcrop to the north and include a Lower Paleozoic carbonate unit (Rabbitkettle Formation), Road River Group shale and siltstone and Earn Group fine chert pebble conglomerate, shale and sandstone (Murphy and Heon, 1994).

The entire package of sedimentary and metasedimentary rocks have been intruded by a wide range of Cretaceous (92 Ma) aged dykes, sills and stocks known as the Tombstone Plutonic Suite (Stephens et al., 2000). Composition of these intrusive rocks varies from quartz syenite and syenite at the large Syenite Range Stock to granitic and quartz monzonite bodies which include the Josephine, Eiger, Rhosgobel and Pukelman stocks. In a study of the Bear Paw Breccia Zone, Stephens and Weekes (2001) found that significant intrusive-related gold mineralization can be found outwards of 1.5 km away from Tombstone Plutonic Suite stocks.

Stephens and Weekes (2001) defined four main styles of gold mineralization recognized in the Clear Creek area:

1. East- to east-southeast-striking, sheeted, auriferous quartz sulphide veins occurring mostly within larger Tombstone Plutonic Suite stocks (ex. Pukelman, Rhosgobel stocks);
2. Silicified fault zones in both south to southeast and east to east-southeast orientations (ex. Contact zone of the Pukelman Stock);
3. Intrusive breccias with stockwork, auriferous quartz-sulphide veins (ex. Bear Paw breccia, Saddle Stock);
4. Calc-silicate rocks with replacement/skarn-style mineralization (ex. Bear Paw breccia).

7.2 Property Geology

The Josephine Property's dominant geological feature is the Josephine Creek Fault, a north-south fault that offsets stratigraphic contacts in the area. According to Murphy (1997), the Josephine Creek Fault is one of a number of younger north-south structures in the area. It juxtaposes Upper Proterozoic Hyland Group metasediments on the west side against Cambrian to Mississippian sediments on the east side. Murphy reported numerous undated north-trending faults and topographic lineament swarms in the McQuesten area, and that the densest concentration of these structures occurs along and in a NNW-striking zone straddling the Josephine Creek Fault.

It has been suggested that at least several of the smaller stocks outcropping in this area are the surface expression of a larger intrusion at depth. Radiometric data indicate that the Josephine stock and three nearby intrusions to the west may be part of a single intrusive body. Such a buried intrusion could have focused late stage gold-bearing solutions into structures that cut the overlying sediments, yielding structurally controlled arrays of gold-bearing veins as described at Dublin Gulch. This model is supported by the high density of structures reported to occur in a corridor either side of Josephine Creek, and widespread gold-arsenic soil and talus fines anomalies reported by companies that were previously active in the area, including Newmont and Kennecott.

The southern part of the block is close to the Big Creek Stock, a 2.7 x 1 km Cretaceous intrusion. The JO claims in this southern area are close to the BIG showing (Minfile 115P061), discovered by Don Murphy and Danielle Heon of the Yukon Geological Survey in 1993. Mineralized samples collected by Murphy and Heon assayed 377 ppb gold and 478 ppm manganese (vein), 435 ppb gold, 72 ppm bismuth, 88 ppm arsenic, 15.3 ppm silver, 242 ppm lead and 303 ppm tungsten (vein, disseminated); and 20 ppb gold and 789 ppm arsenic (breccia) (Murphy and Heon, 1994).

The JO claims cover two 98th percentile regional gold silt anomalies (43 and 39 ppb Au) in Josephine Creek. Both gold anomalies are coincident with 99th percentile As anomalies, and the 43 ppb Au anomaly also coincides with a 90th percentile Sb anomaly. Local silt sampling by Newmont in 1997 returned substantially higher values than this from Josephine Creek and its tributaries (see Property History). The JO claim block also covers the inferred source of a 95th percentile regional gold silt anomaly (19 ppb) and a 98th percentile tungsten anomaly in an east-flowing creek that drains the south part of the property. As mentioned, tungsten correlates strongly with Cretaceous intrusions and gold in this area (Modified from Bremner, 2010).

The 2011-2016 work programs involved reconnaissance level prospecting and mapping. The northeastern area of the property is dominated by well-foliated chlorite and mica schists and quartzite. One outcrop of quartz-pebble conglomerate was observed. Quartz vein stockwork was also common in this area as 1-10 cm quartz vein 'swarms' in varying orientations. Gossanous metasediments are observed with iron staining and oxidized, limonitic pyrite. Rocks generally strike EW and dip shallowly to the north. The northwestern area is comprised of chlorite and mica schists, slate, and isolated outcrops of porphyry, likely dikes related to the Josephine Stock. Quartz vein boulders up to 1 meter in diameter were also found. To the south of Big Creek the bedrock is generally well foliated metasedimentary mica schists with abundant quartz veining. The strike of this unit tends to be NW here, dipping shallowly to the northeast. Mineralization is very limited across the property. Arsenopyrite was observed in the metasediments and porphyry in the northwest, and minor pyrite in the metasediments south of Big Creek.

A significant EW-ENE-trending Au-As soil anomaly has been uncovered south of Josephine Creek. The anomaly appears to have ~1000m length with up to 300m width. Prospecting has indicated the source is likely a mineralized aplite-diorite dike. This area was targeted in 2016.

Josephine Property

Fig. 3: Bedrock Geology

Goldspike Exploration Inc.

Josephine Creek area,
Dawson Mining District

Legend

Bedrock Geology

Rock Type

- chert/siltstone/phyllite/limestone/conglo
- granite/quartz monzonite
- granite/quartz monzonite/granodiorite
- limestone
- mudstone/shale/siltstone/phyllite/schist
- phyllite/shale/sandstone/grit/limestone
- shale/chert
- shale/chert/siltstone
- shale/claystone/siltstone/sandstone/coal
- shale/quartzite
- siltstone/argillite/volcanic
- siltstone/sandstone/conglo
- slate
- syenite/granite/monzogranite/clinopyroxenite

..... Faults

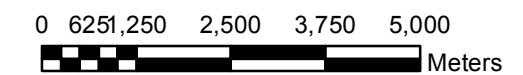
Josephine Property claims

Regional stream geochemistry

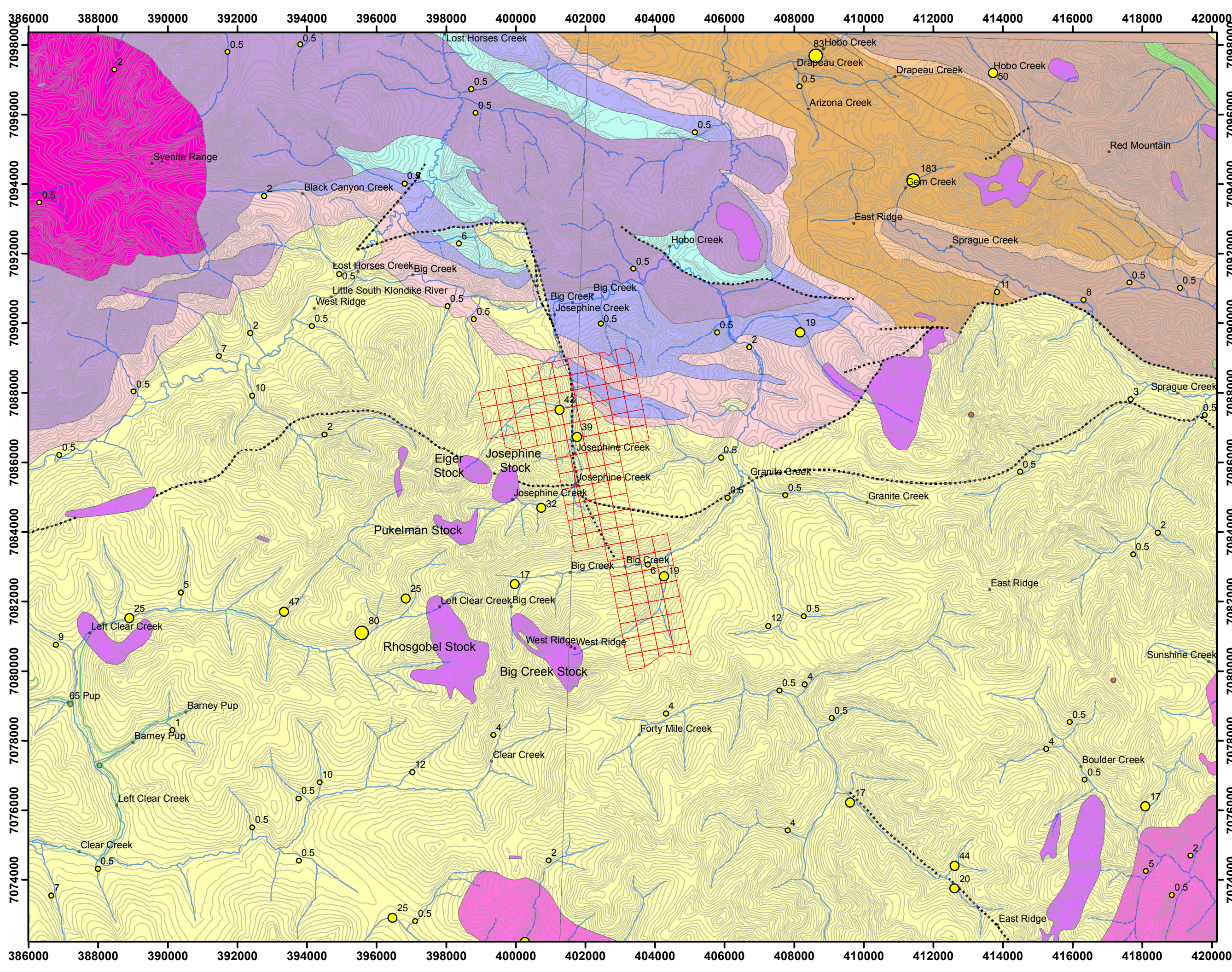
Au (ppb)

- 0.0 - 15.0
- 15.1 - 74.0
- 74.1 - 215.0
- 215.1 - 482.0
- 482.1 - 1170.0

1:100,000



Date: March, 2012
 Mapsheets: 115P14, 115P15
 Datum: UTM NAD83 Zone 8



8.0 2016 WORK PROGRAM

8.1 Sampling Method and Approach

A 1 day prospecting program was conducted on the Josephine Property on September 9th, 2016. Two geologists accessed the property by truck and ATV, targeting an area for follow-up sampling. Samples were also submitted from bedrock sampling taken during a placer gold targeted sonic drill program conducted July 28th to August 1st, 2016 (see YMEP report 16-039).

The purpose of the program was to prospect an EW-ENE- trending Au-As soil anomaly discovered during 2011 and 2012, and prospected in 2014.

Rock samples were taken based on mineralogy, structure and lithology. Samples were placed inside labeled plastic poly bags with the corresponding sample tag. Sample descriptions were recorded in a field notebook and the location recorded by GPS unit. Sample locations were marked with flagging tape labeled with the sample number. Rock sample descriptions can be found in Appendix I.

Soil samples were taken using a Dutch auger, preferably from the 'C' horizon. Samples were collected in a Kraft paper bag. Locations were marked with GPS and the ground location marked flagging tape labeled with the sample number. Sample conditions, environment and attributes were recorded in a field notebook. Soil samples were hung up to dry, then packed and shipped to the lab. Soil sample descriptions can be found in Appendix II.

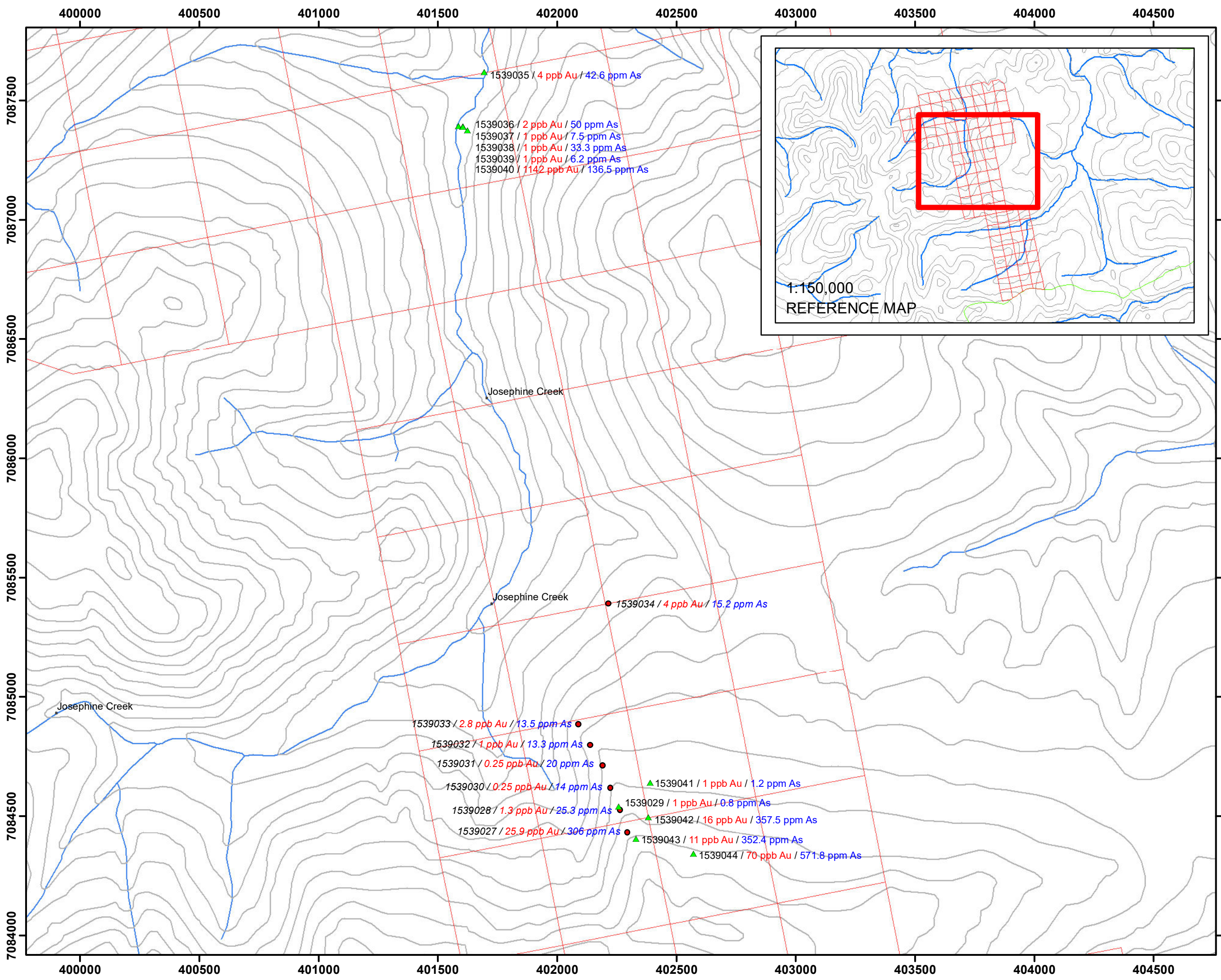
Sample locations and results can be found on Figure 4.

8.2 Sample Preparation, Analysis, and QA/QC

Samples were shipped to Bureau Veritas' (formerly Acme Labs) prep lab Whitehorse, YT facility shortly after the completion of the program.

The soil samples were dried at 60° C and sieved to -80 mesh (<177 microns). A 15.0 gram sub-sample was digested in hot (95° C) Aqua Regia (HCl-HNO₃-H₂O). Following this, the samples were analysed by inductively-coupled plasma mass spectrometry (ICP-MS) techniques. Bureau Veritas' AQ201 package was used, giving analyses of 36 elements.

The rock samples were crushed, split to 250 g, pulverized, and a split was sieved to -200 mesh. A 0.5 gram split was leached in hot modified Aqua Regia. Bureau Veritas' AQ200 package was used, giving analyses of 36 elements. All rock samples were also analysed for gold by fire assay which uses a 30 gram split and ICP-ES finish (lab code FA330-Au).



Josephine Property

Fig. 4: Sample Location and Results Map

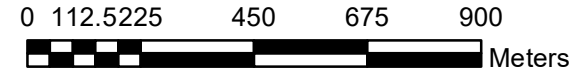
Nevada Zinc Corp.

Josephine Creek area,
Dawson Mining District

Legend

- ▲ 2016 rock samples
- 2016 soil samples (*italics*)
- Josephine Property
- Mining district boundary

1:15,000



Date: January 2017
 Mapsheets: 115P14, 115P15
 Datum: UTM NAD83 Zone 8

1539035 / 4 ppb Au / 42.6 ppm As
 1539036 / 2 ppb Au / 50 ppm As
 1539037 / 1 ppb Au / 7.5 ppm As
 1539038 / 1 ppb Au / 33.3 ppm As
 1539039 / 1 ppb Au / 6.2 ppm As
 1539040 / 1142 ppb Au / 136.5 ppm As

1539034 / 4 ppb Au / 15.2 ppm As

1539033 / 2.8 ppb Au / 13.5 ppm As

1539032 / 1 ppb Au / 13.3 ppm As

1539031 / 0.25 ppb Au / 20 ppm As

1539030 / 0.25 ppb Au / 14 ppm As

1539028 / 1.3 ppb Au / 25.3 ppm As

1539027 / 25.9 ppb Au / 306 ppm As

1539041 / 1 ppb Au / 1.2 ppm As

1539029 / 1 ppb Au / 0.8 ppm As

1539042 / 16 ppb Au / 357.5 ppm As

1539043 / 11 ppb Au / 352.4 ppm As

1539044 / 70 ppb Au / 571.8 ppm As

8.3 Results

Rock samples 1539035 to 1539040 were taken from the 2016 sonic drill program. The sonic drilling program was conducted for placer testing (see YMEP report 16-039), however, bore holes typically continued into the bedrock, and often as far as 10ft. Observations indicate bedrock is schist in the area, variably oxidized, hematitic, and graphitic. The schist displayed some weakly anomalous arsenic values (up to 50 ppm) but otherwise no remarkable assays. Sample 1539040 was a composite sample from 3 holes spaced 25m apart. The sample was of similar looking pieces of semi-rounded granite with minor arsenopyrite blebs. This sample assayed 1.14 g/t Au with 136 ppm As. It is likely that the granite is from the local Tombstone-suite intrusions and their related dikes. It may also represent the source of the placer gold in the creek.

Rock samples 1539041 to 1539044 and 1539029 were taken during prospecting in September. The targeted area was a potential mineralized intrusive dike outlined by soil sampling (2011-2012) and limited prospecting. Three samples of float (1539042-1539044) from a ~200m area displayed high arsenic and weakly anomalous gold values. Samples 1539042 (Photo 2) and 1539043 were of oxidized, 'baked', strongly altered schist or intrusives with some brecciation. They assayed up to 21 ppb Au and 357 ppm As. Sample 1539044 (Photo 3) was of quartz vein material with orange oxidized fractures and arsenopyrite and pyrite mineralized on fracture planes. It assayed 50 ppb Au and 572 ppm As.

Of the soil samples only 1 sample displayed anomalous results. Sample 1539027 assayed 25 ppb Au and 306 ppm As. This sample was the highest elevation sample taken from the hill and correlates with the previously known gold-in-soil anomaly.



Photo 2: Sample 1539042 assayed 21 ppb Au and 357 ppm As.



Photo 3: Sample 1539044 assayed 50 ppb Au and 572 ppm As.

9.0 DISCUSSION

The 2016 prospecting program, although brief, was successful in further narrowing down the source of the EW-ENE- trending gold-arsenic geochemical anomaly. Although samples were of float material, the geochemistry of the rock samples is very similar to that of previously taken soil samples.

Prospecting this area during 2014 uncovered mostly arsenopyrite-mineralized aplite-diorite dike material with anomalous gold. This was thought to be the most likely source of the gold-in-soil anomalies. The 2016 program showed highly altered sediments (or intrusive) and quartz vein material with similar geochemistry. This indicates mineralization spans through multiple lithologies.

In their 2000 paper 'Structural evolution and controls on gold mineralization at Clear Creek, Yukon' Stephens et al. outline a deformational history involving ~165 degree sinistral faults crosscut by secondary EW fracture zones in Hyland Group rocks. Tombstone-era intrusions were then emplaced and EW fractures continued development. They suggest the most favourable sites for gold mineralization are east-west fracture zones connected to ~165 degree oriented structures.

The creek draw extending up to the location of the mineralized zone is interpreted as an extension of the Josephine Creek Fault (Figure 3). The orientation of this extension happens to

be ~165 degrees. The fault runs directly along the western edge of the EW soil trend. Furthermore, Stephens et al. (2000) observed several aplite dikes running 070 degrees and interpret them to be syn-post Tombstone Plutonic Suite emplacement, along with similarly aged and oriented quartz-tourmaline veins. They also observed gold-bearing quartz veins in Hyland Group rocks running at 105 degrees slightly postdating the aforementioned veins.

The geology of such a formation would be consistent with the dimensions of the soil anomalies and the lithologies of the anomalous rock samples. The anomaly appears to have ~1000m length with up to 300m width (see 2014 assessment report for more maps). However, it is likely some of the samples downhill are due to soil slumping and element mobility. Supporting this fact is the decreasing of values proceeding downhill (north). It is possible the dike is only a few meters wide or perhaps a series of parallel dikes over 50-200m.

10.0 CONCLUSIONS AND RECOMMENDATIONS

The Josephine Property is located in a geological setting favourable to intrusion-related gold deposits. The adjacent Josephine Stock, regional placer history, and local geochemical anomalies on the property make it a desirable exploration target.

The targeted area clearly displays characteristics in line with Stephens et al. (2000) description of a preferred site for gold mineralization in the Clear Creek area (EW fracture zones connected to ~165 degree oriented structures in the vicinity of Tombstone-era intrusions).

The program was unsuccessful in locating a definitive bedrock source for the anomalies, but it is inferred that it must be close.

The program was successful in finding gold and arsenic values in new lithologies (altered metasediments and mineralized quartz) other than the previously discovered aplite-diorite dike material. With this information, the likelihood of a larger auriferous system of aplite, quartz veining and altered wallrock is stronger.

In addition to prospecting results, an old skidder/dozer road was discovered during 2016 which extends upwards from the main road to the areas of the anomalies.

Recommended work includes trenching with a small backhoe, a ground magnetometer survey to outline intrusive rock, and possibly a resistivity survey to outline areas of increased hydrothermal activity.

REFERENCES

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Stephens, J.R. and Weekes, S., (2001): Intrusive-breccia-hosted gold mineralization associated with ca. 92 Ma Tombstone Plutonic Suite magmatism: An example from the Bear Paw breccia zone, Clear Creek, Tintina gold belt, Yukon. *In*: Yukon Exploration and Geology 2000, D.S. Emond and L.H. Weston (eds.), Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 347-353.

Yukon Minfile 115P011 (2004): Josephine, Yukon Geological Survey.

Yukon Minfile 115P023 (2004): Lewis, Yukon Geological Survey.

Yukon Minfile 115P061 (2004): Big, Yukon Geological Survey.

STATEMENT OF EXPENDITURES

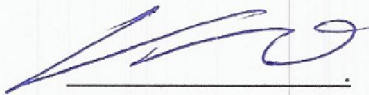
Costs associated with the Josephine Property
Worked September 9th, 2016

ITEM	DESCRIPTION	UNITS	TOTALS
Contracting geologist		\$500 * 2 days	\$1,000.00
Junior geologist		\$400 * 1 day	\$400.00
Assessment report			\$1,000.00
Truck rental		\$150 * 1 day	\$150.00
Truck fuel		receipt	\$96.00
ATV + tub trailer rental		\$130 * 1 day	\$130.00
Fuel		receipt	\$9.00
Assays	Soil samples	7 samples * \$30	\$210.00
	Rock samples	11 samples * \$35	\$385.00
Food		\$40*2 men	\$80.00
Druid Invoice	Crew gear	\$30 * 2 man days	\$60.00
	Accommodation (Dawson)	\$45 * 4 man days	\$180.00
	Sat phone rental		\$112.00
	Consumables		\$100.00
	Office rental	\$45 * 3 man days	\$135.00
	Sample shipping		\$75.00
TOTAL			\$4,122.00

CERTIFICATE OF QUALIFICATIONS

I, Daniel Ferraro, of 835 Berkshire Dr., Woodstock, Ontario, Canada, certify that:

1. I am a graduate of Lakehead University, 2008, and a hold an H. B.Sc. Geology degree.
2. I am an independent geological consultant.
3. I am a member of the Ontario Prospectors Association (2010).
4. I have been employed as a geological assistant for the Ontario Geological Survey and the Geological Survey of Canada during the summers of, respectively, 2006 and 2007.
5. I have been working in the mineral exploration industry since 2008 consulting for Pacific North West Capital Corporation, East West Resources Corporation, Rainy Mountain Royalty Corporation, Black Panther Mining Corporation, White Tiger Mining Corporation, Trillium North Minerals Ltd., Nebu Resources Inc., Canoe Mining Ventures Corp., Harte Gold Corp., Goldstrike Resources Ltd., Goldspike Exploration Inc., and Nevada Zinc Corp.
6. This report was prepared by myself.
7. I have no personal knowledge from the date of this certificate of any material fact or change not reflected in this report.



Daniel Ferraro, HBSc.

Date: Mar. 29, 2017

Appendix I: Rock Sample Descriptions

Rock Sample Descriptions

Josephine Property
UTM NAD83, Zone 8

Sample ID	Easting	Northing	Elevation	Date	Sampler	Property	Rock Source	Description
1539035	401694	7087619	1001	30-Jul-16	Dan	JO	Sonic drill (bedrock)	Bedrock from sonic drill placer program. JOS-16-06, 20 ft. Graphitic and oxidized schist chips and powder.
1539036	401586	7087391	1009	30-Jul-16	Dan	JO	Sonic drill (bedrock)	Bedrock from sonic drill placer program. JOS-16-07, 24 ft. Oxidized schist chips and powder. Less graphitic than 16-06.
1539037	401623	7087374	998	30-Jul-16	Dan	JO	Sonic drill (bedrock)	Bedrock from sonic drill placer program. JOS-16-08, 30 ft. Oxidized greasy schist chips and powder. Some graphite.
1539038	401605	7087389	1011	30-Jul-16	Dan	JO	Sonic drill (bedrock)	Bedrock from sonic drill placer program. JOS-16-09, 25 ft. Oxidized hematitic schist chips and powder. More competent chips.
1539039	401605	7087389	1011	30-Jul-16	Dan	JO	Sonic drill	From sonic drill placer program. JOS-16-09, 10-20 ft. Not bedrock. Very solid boulders of bluish intrusive (?) looking rock. Some perfect 4" disks from drill. Fine to med grained, blue-grey, some mica, possible very fine sulphide. Kept a rep.
1539040	401605	7087389	1011	30-Jul-16	Dan	JO	Sonic drill	From sonic drill placer program. Composite from till in holes JOS-16-07, 16-08, 16-09. 0-20 ft depth roughly. Granite material. Likely from the nearby Tombstone intrusives. Fairly rusty, rounded, biotitic. Minor arsenopyrite blebs <3mm.
1539041	402389	7084639	1370	9-Sep-14	Dan	JO	Float	Quartz boulder, half buried. White with orange oxidized fractures. Minor medium grained fresh pyrite as well as limonitic pyrite.
1539042	402382	7084494	1401	9-Sep-14	Dan	JO	Float	Talus slope. Oxidized orange baked and bleached intrusive dike material? Rusted out sulphides, possible weak brecciation.
1539043	402330	7084404	1447	9-Sep-14	Dan	JO	Float	Talus slope. Very oxidized orange quartz breccia? Very weak brecciation. <1cm qtz fragments of quartz in bleached white/orange fine material (seds or intrusive? Leaning towards intrusive dike).
1539044	402571	7084343	1449	9-Sep-14	Dan	JO	Float	Quartz boulder on talus slope. White QV, recrystallized appearance. Abundant arsenopyrite on fracture planes, minor pyrite. Arsenopyrite is very shiny metallic grey. Confined to fine fractures. Fair bit of similar talus around.
1539029	402257	7084539		9-Sep-14	Chris	JO	outcrop	Quartzite sample found within meta sandstone lithology. Highly silicified. Minor pyrite in blebs within quartz.

Appendix II: Soil Sample Descriptions

Soil Sample Descriptions

Josephine Property
UTM NAD83, Zone 8

Sample ID	Easting	Northing	Date	Sampler	Sample Depth (cm)	Horizon	Color	Sample Composition					Parent Material	Moisture Content	Vegetation Cover	Topo Position	
								Org-anics	Ang. Rock	Grav-el	Sand	Silt					Clay
1539027	402294	7084431	9-Sep-14	Chris	30	c	light brown				50	25	25	bedrock rock	damp	moss	alpine slope
1539028	402264	7084526	9-Sep-14	Chris	30	b/c	light brown				50	25	25	bedrock rock	damp	moss	alpine slope
1539030	402224	7084618	9-Sep-14	Chris	30	c	dark brown				20	40	40	bedrock rock	damp	moss	alpine slope
1539031	402191	7084712	9-Sep-14	Chris	30	b/c	dark brown				60	20	20	bedrock rock	damp	moss	alpine slope
1539032	402138	7084797	9-Sep-14	Chris	30	b/c	dark brown				20	40	40	bedrock rock	damp	moss	alpine slope
1539033	402088	7084884	9-Sep-14	Chris	40	b/c	dark brown				10	40	50	bedrock rock	wet	moss	alpine slope
1539034	402215	7085390	9-Sep-14	Chris	40	b-c	dark brown				10	40	50	bedrock rock	wet	moss	alpine slope

Appendix III: Rock Sample Assay Certificates



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: Nevada Zinc Corp.
390 Bay St., Suite 612
Toronto Ontario M5H 2Y2 Canada

Submitted By: Bruce Durham
Receiving Lab: Canada-Whitehorse
Received: September 21, 2016
Report Date: November 16, 2016
Page: 1 of 2

CERTIFICATE OF ANALYSIS

WHI16000294.1

CLIENT JOB INFORMATION

Project: JO
Shipment ID: JO-ROCKS-2016
P.O. Number
Number of Samples: 11

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Nevada Zinc Corp.
390 Bay St., Suite 612
Toronto Ontario M5H 2Y2
Canada

CC: Dan Ferraro

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP70-250	11	Crush, split and pulverize 250 g rock to 200 mesh			WHI
FA330-Au	11	Fire assay fusion Au by ICP-ES	30	Completed	VAN
AQ200	11	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SHP01	11	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Canada

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Client: Nevada Zinc Corp.
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Toronto Ontario M5H 2Y2 Canada

Project: JO
Report Date: November 16, 2016

Page: 2 of 2

Part: 1 of 2

CERTIFICATE OF ANALYSIS

WHI16000294.1

Method	WGHT	FA330	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
1539029	Rock	2.02	<2	0.4	8.4	6.1	10	<0.1	7.6	3.0	112	0.97	0.8	<0.5	6.0	5	<0.1	0.3	0.1	3	0.03
1539035	Rock	2.14	4	0.5	36.4	37.5	136	0.1	29.8	16.0	813	5.22	42.6	1.8	14.2	14	0.2	1.3	0.5	14	0.10
1539036	Rock	1.08	2	1.1	43.2	45.3	90	0.1	49.4	21.6	731	4.41	50.0	<0.5	10.0	13	0.1	1.3	0.6	5	0.07
1539037	Rock	2.16	<2	0.4	32.2	12.7	72	0.1	20.6	8.1	204	2.37	7.5	<0.5	10.8	37	0.2	6.8	0.2	3	0.40
1539038	Rock	1.34	<2	1.1	30.0	41.9	48	<0.1	45.9	30.0	373	3.48	33.3	<0.5	8.7	51	0.1	2.1	0.7	7	0.39
1539039	Rock	0.72	<2	0.3	6.1	7.0	6	<0.1	4.7	2.3	475	1.13	6.2	<0.5	4.8	100	<0.1	0.2	0.1	<2	2.60
1539040	Rock	1.43	1142	0.6	16.0	4.8	48	<0.1	9.5	6.8	336	2.66	136.5	1024.1	15.1	108	<0.1	0.2	0.7	45	0.78
1539041	Rock	0.62	<2	0.5	16.6	3.1	8	<0.1	12.4	5.1	137	0.54	1.2	1.0	0.3	2	<0.1	0.4	<0.1	<2	0.01
1539042	Rock	1.01	16	0.9	16.2	1.9	15	<0.1	4.7	2.2	76	1.58	357.5	21.2	4.1	3	0.2	5.9	0.2	<2	<0.01
1539043	Rock	0.84	11	0.5	24.4	9.5	50	0.2	6.1	1.7	47	5.87	352.4	6.3	7.8	3	<0.1	56.6	1.5	3	<0.01
1539044	Rock	1.90	70	0.3	3.0	2.1	2	<0.1	1.7	1.4	42	0.38	571.8	50.1	0.3	2	<0.1	1.2	0.3	<2	<0.01



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Page: 2 of 2

Part: 2 of 2

CERTIFICATE OF ANALYSIS

WHI16000294.1

Method	Analyte	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1539029	Rock	0.012	9	7	0.12	88	0.001	<20	0.30	0.024	0.04	<0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
1539035	Rock	0.039	34	20	0.61	88	0.002	<20	1.92	0.019	0.22	0.1	<0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1539036	Rock	0.033	18	7	0.05	88	<0.001	<20	0.41	0.004	0.22	0.1	<0.01	1.5	<0.1	0.09	1	<0.5	<0.2
1539037	Rock	0.021	30	4	0.21	53	<0.001	<20	0.38	0.004	0.25	0.2	<0.01	1.4	0.1	0.35	<1	<0.5	<0.2
1539038	Rock	0.162	14	10	0.03	129	0.002	<20	0.57	0.004	0.26	0.2	0.02	2.0	0.1	0.34	2	<0.5	<0.2
1539039	Rock	0.007	8	3	0.45	25	<0.001	<20	0.11	0.008	0.04	<0.1	<0.01	0.6	<0.1	0.09	<1	<0.5	<0.2
1539040	Rock	0.067	33	32	0.81	729	0.275	<20	2.33	0.201	0.94	2.8	<0.01	6.3	0.6	<0.05	9	<0.5	<0.2
1539041	Rock	0.006	<1	4	0.02	5	<0.001	<20	0.05	0.003	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1539042	Rock	0.013	7	4	0.01	23	<0.001	<20	0.19	0.003	0.05	0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
1539043	Rock	0.030	10	5	<0.01	21	<0.001	<20	0.26	0.001	0.06	<0.1	0.10	0.4	<0.1	<0.05	<1	<0.5	<0.2
1539044	Rock	0.003	1	3	<0.01	13	<0.001	<20	0.02	0.002	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



QUALITY CONTROL REPORT

WHI16000294.1

Method	WGHT	FA330	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
Pulp Duplicates																					
1539037	Rock	2.16	<2	0.4	32.2	12.7	72	0.1	20.6	8.1	204	2.37	7.5	<0.5	10.8	37	0.2	6.8	0.2	3	0.40
REP 1539037	QC		<2																		
1539042	Rock	1.01	16	0.9	16.2	1.9	15	<0.1	4.7	2.2	76	1.58	357.5	21.2	4.1	3	0.2	5.9	0.2	<2	<0.01
REP 1539042	QC			1.1	17.3	1.9	14	<0.1	4.7	2.3	72	1.57	351.8	17.4	4.2	3	0.2	6.1	0.2	<2	<0.01
Core Reject Duplicates																					
1539043	Rock	0.84	11	0.5	24.4	9.5	50	0.2	6.1	1.7	47	5.87	352.4	6.3	7.8	3	<0.1	56.6	1.5	3	<0.01
DUP 1539043	QC		10	0.4	24.4	9.6	50	0.2	6.1	1.5	45	5.61	335.9	5.7	8.2	3	<0.1	57.6	1.3	3	<0.01
Reference Materials																					
STD DS10	Standard			15.5	151.0	154.4	360	1.9	69.8	12.1	932	2.84	53.7	91.7	7.9	71	3.0	8.1	12.6	44	1.08
STD OREAS45EA	Standard			1.8	732.8	15.6	32	0.3	386.1	51.7	426	21.71	10.8	59.6	11.1	4	<0.1	0.3	0.3	301	0.03
STD OXD108	Standard		431																		
STD OXI121	Standard		1832																		
STD DS10 Expected				13.6	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625
STD OREAS45EA Expected				1.6	709	14.3	31.4	0.26	381	52	400	23.51	10.3	53	10.7	3.5	0.03	0.32	0.26	303	0.036
STD OXD108 Expected			414																		
STD OXI121 Expected			1834																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
ROCK-WHI	Prep Blank		<2	0.8	4.9	1.3	32	<0.1	1.1	3.8	420	1.69	0.8	<0.5	2.5	25	<0.1	<0.1	<0.1	22	0.59
ROCK-WHI	Prep Blank		<2	1.1	4.1	1.3	31	<0.1	1.3	3.5	449	1.82	0.9	<0.5	2.4	25	<0.1	<0.1	<0.1	23	0.58



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Project: JO
Report Date: November 16, 2016

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QUALITY CONTROL REPORT

WHI16000294.1

Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																			
1539037	Rock	0.021	30	4	0.21	53	<0.001	<20	0.38	0.004	0.25	0.2	<0.01	1.4	0.1	0.35	<1	<0.5	<0.2
REP 1539037	QC																		
1539042	Rock	0.013	7	4	0.01	23	<0.001	<20	0.19	0.003	0.05	0.1	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
REP 1539042	QC	0.016	8	4	0.01	25	<0.001	<20	0.19	0.002	0.05	0.2	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2
Core Reject Duplicates																			
1539043	Rock	0.030	10	5	<0.01	21	<0.001	<20	0.26	0.001	0.06	<0.1	0.10	0.4	<0.1	<0.05	<1	<0.5	<0.2
DUP 1539043	QC	0.032	10	4	<0.01	21	<0.001	<20	0.25	0.001	0.06	0.1	0.09	0.4	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																			
STD DS10	Standard	0.087	18	54	0.78	457	0.086	<20	1.05	0.071	0.34	3.6	0.33	3.1	5.7	0.29	5	2.3	5.2
STD OREAS45EA	Standard	0.031	8	912	0.10	169	0.107	<20	3.23	0.025	0.05	<0.1	<0.01	83.8	<0.1	<0.05	14	<0.5	<0.2
STD OXD108	Standard																		
STD OXI121	Standard																		
STD DS10 Expected		0.0765	17.5	54.6	0.775	412	0.0817		1.0259	0.067	0.338	3.32	0.3	2.8	5.1	0.29	4.3	2.3	5.01
STD OREAS45EA Expected		0.029	7.06	849	0.095	148	0.0984		3.13	0.02	0.053			78	0.072	0.036	12.4	0.78	0.07
STD OXD108 Expected																			
STD OXI121 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
ROCK-WHI	Prep Blank	0.037	5	3	0.40	68	0.082	<20	0.88	0.097	0.10	0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.041	5	4	0.40	78	0.083	<20	0.83	0.084	0.09	0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2

Appendix IV: Soil Sample Assay Certificates



BUREAU VERITAS MINERAL LABORATORIES
Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Nevada Zinc Corp.**
390 Bay St., Suite 612
Toronto Ontario M5H 2Y2 Canada

Submitted By: Bruce Durham
Receiving Lab: Canada-Whitehorse
Received: September 21, 2016
Report Date: November 16, 2016
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CERTIFICATE OF ANALYSIS

WHI16000295.1

CLIENT JOB INFORMATION

Project: JO
Shipment ID: JO-SOILS-2016
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Nevada Zinc Corp.
390 Bay St., Suite 612
Toronto Ontario M5H 2Y2
Canada

CC: Dan Ferraro

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	7	Dry at 60C			WHI
SS80	7	Dry at 60C sieve 100g to -80 mesh			WHI
AQ201	7	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
SHP01	7	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



BUREAU VERITAS MINERAL LABORATORIES
Canada

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Toronto Ontario M5H 2Y2 Canada

Project: JO
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CERTIFICATE OF ANALYSIS

WHI16000295.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
1539027	Soil	1.4	34.3	10.5	60	0.1	22.2	15.0	299	3.21	306.0	25.9	5.3	11	0.2	8.8	0.6	28	0.09	0.070	25
1539028	Soil	1.4	39.4	20.1	69	0.2	59.4	34.8	1005	3.29	25.3	1.3	1.3	13	0.3	2.3	0.3	40	0.12	0.116	26
1539030	Soil	1.0	20.3	11.0	48	<0.1	22.4	10.1	266	2.60	14.0	<0.5	4.3	12	0.2	1.1	0.2	41	0.12	0.050	17
1539031	Soil	1.1	30.6	19.1	54	0.2	21.9	10.1	199	2.92	20.0	<0.5	4.9	16	0.2	1.1	0.3	35	0.05	0.036	22
1539032	Soil	1.4	14.8	14.0	41	<0.1	15.9	8.3	201	2.82	13.3	1.0	3.4	8	0.2	0.8	0.2	56	0.06	0.032	15
1539033	Soil	0.9	26.9	12.0	59	<0.1	22.9	10.3	250	2.43	13.5	2.8	2.9	11	0.2	0.9	0.2	38	0.12	0.052	19
1539034	Soil	0.8	8.8	11.1	31	<0.1	9.2	3.3	90	1.71	15.2	4.0	0.4	8	<0.1	0.6	0.2	38	0.07	0.037	13



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CERTIFICATE OF ANALYSIS

WHI16000295.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
1539027	Soil	16	0.22	58	0.016	<1	0.85	0.005	0.05	0.4	0.04	1.7	0.2	<0.05	2	<0.5	<0.2
1539028	Soil	24	0.31	74	0.007	<1	1.59	0.006	0.06	0.1	0.05	0.9	0.1	<0.05	4	0.8	<0.2
1539030	Soil	21	0.33	89	0.028	<1	1.31	0.005	0.04	0.2	0.03	2.1	0.1	<0.05	4	<0.5	<0.2
1539031	Soil	20	0.36	43	0.018	<1	1.28	0.005	0.04	0.1	0.06	1.8	<0.1	<0.05	4	<0.5	<0.2
1539032	Soil	23	0.26	82	0.035	<1	1.44	0.005	0.03	0.2	0.05	2.1	0.1	<0.05	6	<0.5	<0.2
1539033	Soil	25	0.39	134	0.028	<1	1.39	0.005	0.04	0.2	0.03	2.5	0.1	<0.05	4	<0.5	<0.2
1539034	Soil	20	0.25	57	0.021	<1	0.89	0.004	0.03	0.2	0.04	0.8	<0.1	<0.05	4	<0.5	<0.2



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QUALITY CONTROL REPORT

WHI16000295.1

Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
1539032	Soil	1.4	14.8	14.0	41	<0.1	15.9	8.3	201	2.82	13.3	1.0	3.4	8	0.2	0.8	0.2	56	0.06	0.032	15
REP 1539032	QC	1.5	15.4	14.7	43	<0.1	16.4	8.3	203	2.92	14.0	1.6	3.5	9	0.2	0.8	0.2	59	0.06	0.035	15
Reference Materials																					
STD DS10	Standard	15.3	164.0	148.7	383	2.0	76.6	13.5	889	2.82	47.7	112.5	8.0	67	2.9	9.4	12.8	45	1.07	0.073	18
STD OXC129	Standard	1.2	27.6	6.5	40	<0.1	80.9	21.8	410	3.07	1.0	195.0	1.9	187	<0.1	<0.1	<0.1	54	0.69	0.101	13
STD DS10 Expected		15.1	154.61	150.55	370	2.02	74.6	12.9	875	2.7188	46.2	91.9	7.5	67.1	2.62	9	11.65	43	1.0625	0.0765	17.5
STD OXC129 Expected		1.3	28	6.3	42.9		79.5	20.3	421	3.065	0.6	195	1.9					51	0.665	0.102	13
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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QUALITY CONTROL REPORT

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Method	Analyte	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201	AQ201
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
1539032	Soil	23	0.26	82	0.035	<1	1.44	0.005	0.03	0.2	0.05	2.1	0.1	<0.05	6	<0.5	<0.2
REP 1539032	QC	24	0.26	82	0.037	<1	1.47	0.005	0.03	0.2	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
Reference Materials																	
STD DS10	Standard	57	0.78	361	0.081	8	1.10	0.071	0.35	3.1	0.29	3.2	5.0	0.27	4	2.4	5.1
STD OXC129	Standard	52	1.55	51	0.392	<1	1.51	0.581	0.35	<0.1	<0.01	0.6	<0.1	<0.05	6	<0.5	<0.2
STD DS10 Expected		54.6	0.775	359	0.0817		1.0755	0.067	0.338	3.32	0.3	3	5.1	0.29	4.5	2.3	5.01
STD OXC129 Expected		52	1.545	50	0.4	1	1.58	0.6	0.37			1.1			5.6		
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2