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Technical Report on the 2016 Exploration of the

Iron Duke Gold Project

NTS 52G/15
DUNNE LAKE AREA (G-2539)
Patricia Mining Division

N. Sims, *P.Geo*

April 9, 2019

Contents

1: Summary

During the 2016 winter, Benton Resources staked via helicopter three mining claims which created the Iron Duke Gold Project. The claims were staked after researching exploration in the area, which provided Benton with some historical gold showings associated with various deposit models (shear zone, quartz-hosted gold and iron formation). An interpreted regional iron formation is located near the Benderite Zone (the focus of Noranda's 1991-92 exploration on the property which they called Quill Lake and had samples up to 0.254opt Au) and Benton hopes that there be may have some similarities to the Musselwhite Gold Mine operated by Goldcorp and located 300km north of the Iron Duke project. Regionally the area has seen a variety of historical exploration for VMS style mineralization in and around the Mattabi, Lyon Lake and Sturgeon Lake deposits nearby (West, Northwest).

Benton spent a limited number of days collecting 64 grab (prospecting) samples as well as 100 reconnaissance soil samples. The prospecting was successful in duplicating significant gold grades in and around the Benderite Zone where the highest three assays were 64.1, 38.2 and 20.4g/t Gold. Sampling was very limited outside this zone and didn't return any significant results. The soil sampling resulted in a few anomalous clusters of samples that still need to be followed up on in the field. One of these anomalous areas was at the end of one of a recce survey line over a kilometre south of the Benderite zone.

Benton created 5 narrow N-S elongated trenches in overburden performed limited stripping using a 210 Hitachi excavator at the Benderite zone. The trenches were oriented to expose an EW trending fabric seen in limited outcrop. At the time of report the trenches have not been mapped but highlights of the channel sampling include: 8.17g/t Au over 1.8m and 6.68g/t Au over 2m (Trench C) and 1.55g/t over 3.8m and 4.19g/t Au over 1.7m (Trench D).

2: Property Description and Location

The Iron Duke project is composed of 98 individual mining claims (MLAS Cells) totalling almost 2000 hectares. The claims are contiguous to one another and each is wholly owned by Benton Resources Inc., and there are no underlying agreements, partnerships or royalties outstanding. The claims are located in the Dunne Lake Area (G-2539), 180km northwest of Thunder Bay, Ontario or 95km east of Sioux Lookout, Ontario.

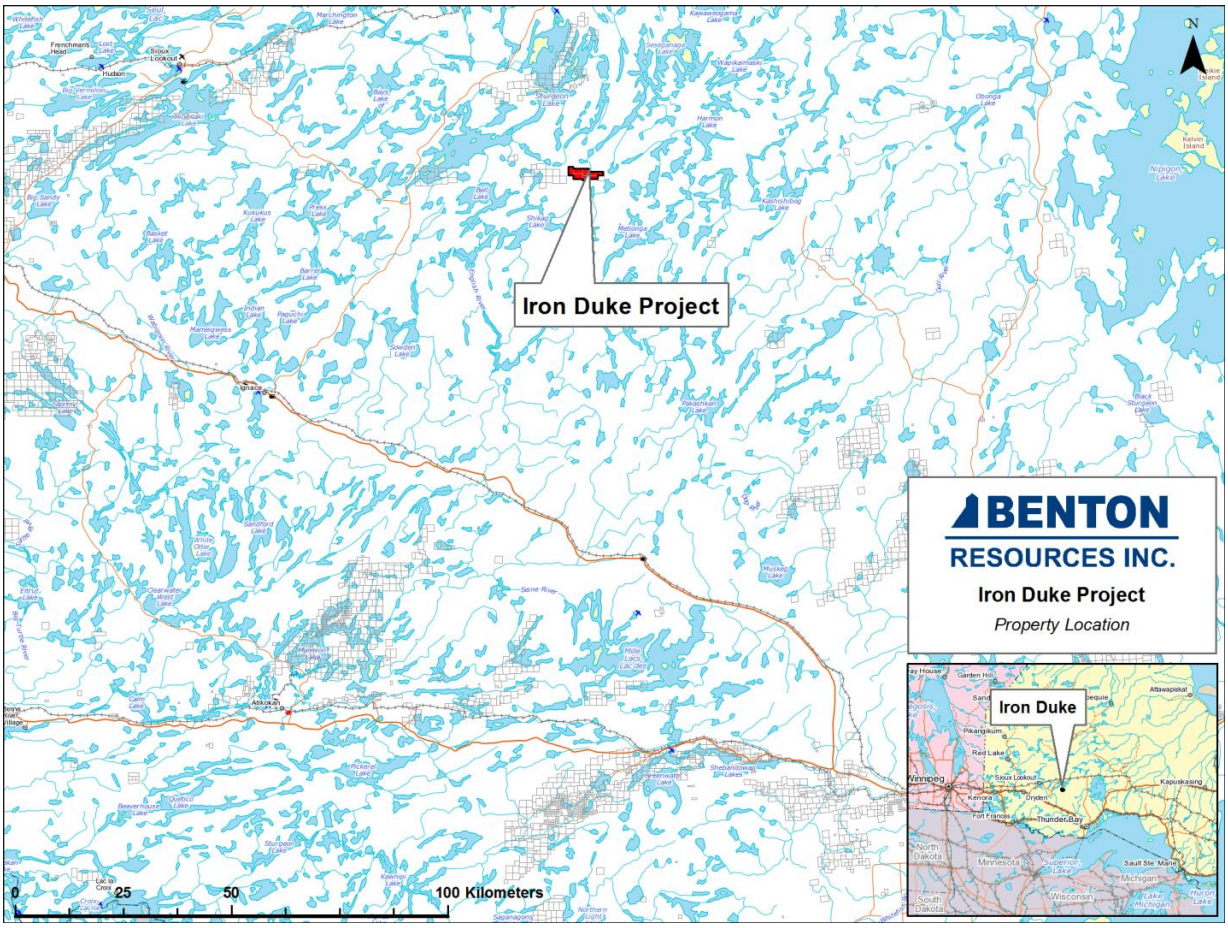

Figure 1. Property Location Sketch

Table 1. Iron Duke Mining Claims

Tenure Number	Tenure Type
339926	Single Cell Mining Claim
100944	Single Cell Mining Claim
100945	Single Cell Mining Claim
102840	Single Cell Mining Claim
102841	Single Cell Mining Claim
100825	Boundary Cell Mining Claim
100826	Boundary Cell Mining Claim
118087	Single Cell Mining Claim
120380	Single Cell Mining Claim
125119	Single Cell Mining Claim
125689	Single Cell Mining Claim
129688	Single Cell Mining Claim
153606	Single Cell Mining Claim
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159465	Single Cell Mining Claim
162443	Single Cell Mining Claim
165549	Single Cell Mining Claim
165550	Single Cell Mining Claim
165551	Single Cell Mining Claim
170320	Single Cell Mining Claim
172325	Single Cell Mining Claim
178311	Single Cell Mining Claim
178414	Single Cell Mining Claim
178415	Single Cell Mining Claim
183060	Single Cell Mining Claim
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183136	Single Cell Mining Claim
183137	Single Cell Mining Claim
188565	Single Cell Mining Claim
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188495	Single Cell Mining Claim
194202	Single Cell Mining Claim
194203	Single Cell Mining Claim
194204	Single Cell Mining Claim
194205	Boundary Cell Mining Claim
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207709	Single Cell Mining Claim
208325	Single Cell Mining Claim
208275	Single Cell Mining Claim
219008	Single Cell Mining Claim
218438	Single Cell Mining Claim
218439	Single Cell Mining Claim
218440	Single Cell Mining Claim
219073	Single Cell Mining Claim
221021	Single Cell Mining Claim
226394	Single Cell Mining Claim
224973	Single Cell Mining Claim
224887	Single Cell Mining Claim
224888	Boundary Cell Mining Claim
228504	Single Cell Mining Claim
228505	Single Cell Mining Claim
231683	Single Cell Mining Claim
232270	Single Cell Mining Claim
241163	Single Cell Mining Claim
257722	Single Cell Mining Claim
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257721	Single Cell Mining Claim
258409	Single Cell Mining Claim
260937	Single Cell Mining Claim
260938	Single Cell Mining Claim
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260838	Single Cell Mining Claim
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260841	Single Cell Mining Claim
260842	Single Cell Mining Claim
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288962	Single Cell Mining Claim
293071	Single Cell Mining Claim
293141	Single Cell Mining Claim
295796	Single Cell Mining Claim
298293	Single Cell Mining Claim
298193	Single Cell Mining Claim
322244	Single Cell Mining Claim
322245	Single Cell Mining Claim
322246	Single Cell Mining Claim
327493	Single Cell Mining Claim
327494	Single Cell Mining Claim
327495	Single Cell Mining Claim
327496	Single Cell Mining Claim
344693	Single Cell Mining Claim
344694	Single Cell Mining Claim
274238	Boundary Cell Mining Claim

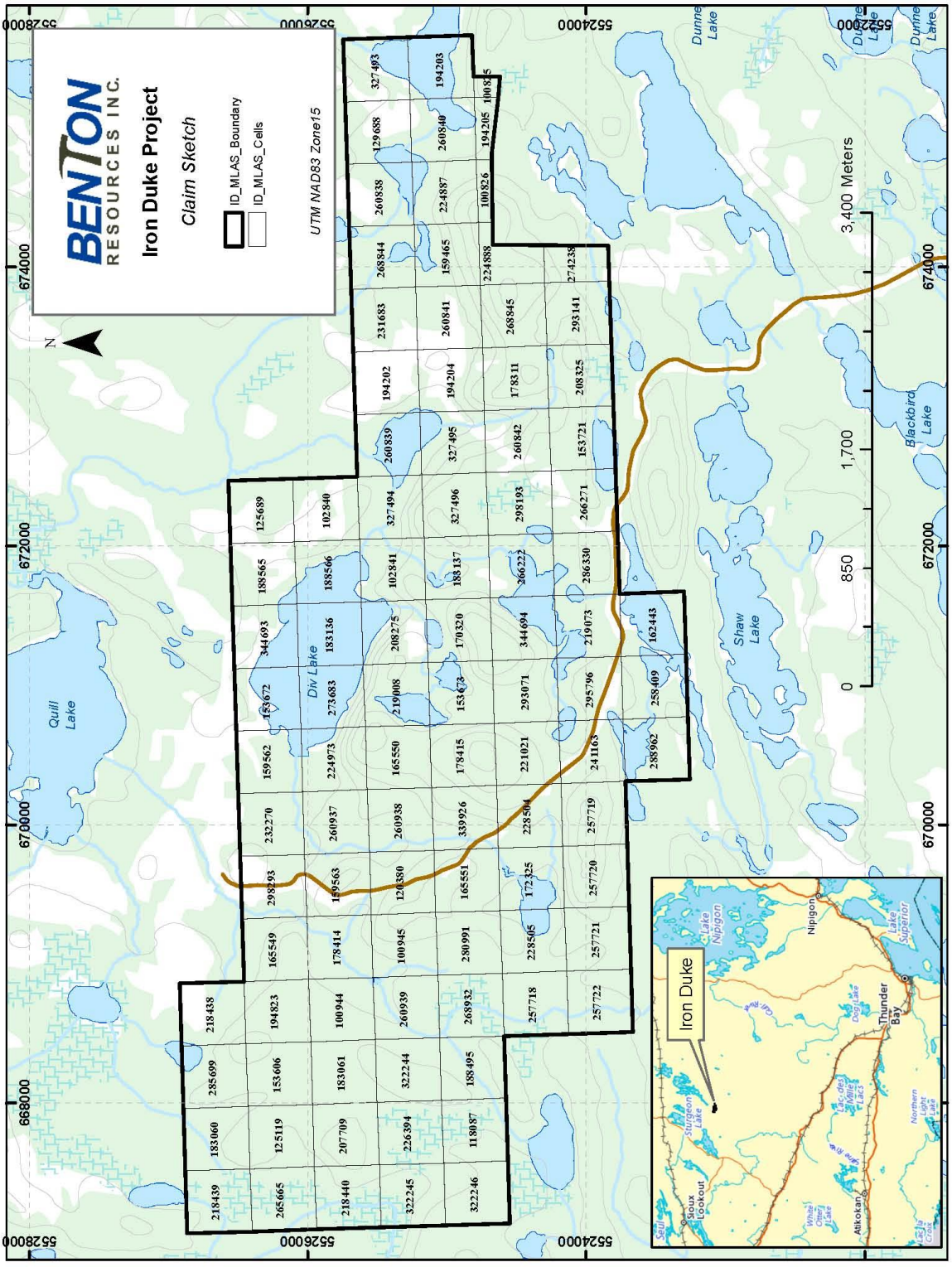


Figure 2. Claim Sketch

3: Accessibility, Climate, Local Resources, Infrastructure and Physiography

The property is accessed via the Graham Road (locally, a well-known and maintained forestry road) which intersects Hwy 17 (Trans-Canada) approximately 15km west of Upsala, Ontario. After travelling north on the Graham logging road for 90km, a smaller road (unofficially named the "Brightsands Road") travels west to the claims. The use of this road requires permission from the Ontario Ministry of Natural Resources (MNR) and is not open to public use due to potential Caribou habitat along this route. Accessing the claims via helicopter doesn't require road authorization but the MNR hopes that anyone working in the area will follow the *Best Management Practices for Mineral Exploration and Development Activities and Woodland Caribou in Ontario* document, created by their ministry. The Graham road is maintained by local forestry activity and is often plowed during winter months, but exploration should not rely on forestry to keep the road open 12 months of the year. The Brightsands Road is not maintained and is currently washed out due to beaver activity at a small creek 2 km before reaching the claims. Any new forestry (logging) operations may change the status of these roads.

The property is located within Ontario's Boreal forest which contains a mix of coniferous and deciduous trees and wetlands. The climate varies, with winter temperatures below -30°C and accumulated snowfall greater than 1m, and summer temperatures having a high between 20-30°C and moderate rainfall. The region has many changes in topography and has been shaped by glaciation, which as deposited an abundance of finer-grained till (sand) throughout the area.

Upsala, Ontario is the closest community and has basic groceries and fuel offered with all other exploration/mining needs available in Thunder Bay. The closest power transmission line is located adjacent to the Trans-Canada highway, over 100km south of the project and flanks and east-west rail line.

4: Exploration History

Exploration in the vicinity of the Iron Duke project has historically focussed on finding Sturgeon Lake-style VMS deposits with minor gold exploration.

In 1957 N.A. Timmins Exploration Ltd. conducted an 8-hole, 4366 foot drilling program into an iron formation at the eastern edge of what is now the Iron Duke property. The iron formation was discovered by prospectors using magnetometer surveys. The company then conducted a follow-up aeromagnetic survey 1960.

In 1970, Amax Exploration Inc. conducted a geological field survey in the area surrounding Karen Lake and Add Lake (immediately west of Iron Duke). The survey included mapping of outcrops along cut lines on the property with interest in the lithology, structure, and mineralization in the area.

In 1970, A 145 mile airborne EM survey was flown through what is now the centre of the Iron Duke property by Questor Surveys Ltd. for Ranworth Explorations Ltd.

Between 1991 - 1992 Hemlo Gold Mines (Noranda Exploration Ltd) completed reconnaissance geological and prospecting surveys, gridding, soil and humus geochemical surveys, trenching, and rock geochemistry were conducted over portions of their Quill Lake property. The object of these programs was to delineate and evaluate targets for gold mineralization using the Benderite showing as a starting point. The Benderite showing consists of arsenopyrite-bearing sulphide bands in schistose chloritic argillites within a mafic metavolcanic unit with grades up to 0.254 opt.

From 2008 – 2011 Excalubur Resources Ltd was active in working various portions of what is now peripheral Iron Duke, completing geophysics, geochemical surveys and diamond drilling.

5: Regional Geology

Adapted from Felix 1991

The property is located at the east end of the Sturgeon Lake Greenstone Belt within the Wabigoon Subprovince of the Precambrian Shield. The rocks are Archean in age. Mapping by N.F. Trowell (1975-76) shows a thick belt of mafic volcanics both pillowed and unpillowed and locally amygdaloidal running NW-SE between Quest Lake and Post Lake. The mafic volcanics encompass a wedge of felsic to intermediate pyroclastics which may represent a volcanic pile. The metavolcanics are bounded to the east and north paralleling Div and Quest Lakes by a belt of Timiskaming-type metasediments, mostly greywacke and siltstone with minor conglomerate, arkose, argillite and iron formation. Similarly, to the west and south paralleling Post and Add Lakes the volcanics are bounded by another belt of metasediments - the Sturgeon Lake - Post Lake metasediments. This metavolcanic-metasedimentary sequence has been intruded by ultramafic rocks, gabbro and diorite. Many of the gabbro and diorite bodies may represent feeder dykes and sills which were contemporaneous and coeval with the mafic volcanism. However, none of the rocks have been age dated. All of these rocks have been metamorphosed under greenschist and locally almandine-amphibolite facies conditions.

The supracrustal are bounded to the northeast and south by early felsic intrusive rocks predominantly represented by biotite granodiorite, hornblende-biotite granodiorite and hybrid granitic gneisses. A younger pluton of syenitic composition - the Vista Lake Complex intruded the granite gneiss on the east and the Quest Lake-Div Lake metasediments including iron formation to the west and south.

Mineralization found in the metavolcanics in the region is generally disseminated, consisting of pyrite, graphite and pyrrhotite (1-3%) locally accompanied by very small amounts of chalcopyrite, although locally stringers or veinlets of sulphides are also present. Strong input anomalies (from assessment research) in the area appear to be due to both graphite +/-sulphides and iron formation (oxide facies-type) horizons. Disseminated sulphides also occur in the mafic intrusive and metasedimentary rocks. Aeromagnetic surveys of the region indicate magnetite iron formation is present in the metasedimentary belts.

6: Property Geology

Adapted from Felix 1991

The basal unit on the property is a fine to medium grained flow of mafic to intermediate composition. Porphyritic and amygdaloidal zones within the flows are noted; thickness and lateral extent of these zones have yet to be determined. Outcroppings of chlorite schist and schistose chloritic argillites (interflows sediments) are observed in scattered localities.

Metasediments are poorly exposed on the property (generally limited to greywackes, siltstone and argillites outcropping south of Div Lake and along the logging road southwest of the patented claim group), however several frost heaved blocks of magnetite iron formation were observed over a width of 25 meters immediately NW of Div Lake. The aeromagnetic expression of the iron formation which can be traced regionally for over 40 km suggests that a sinuous flexure occurs within the claim group stratigraphy.

Most of the metavolcanics and metasediments are foliated. Strike measurements ranged from 90 to 130deg with steep dips to the south of 70deg. Strike measurements are strongly affected by the magnetic attraction of the iron formation members within the metasediments. The mafic intrusive are generally massive and poorly foliated.

Gold mineralization on the property was first discovered and reported by Adam Benderite, on what is now claim 159563. The Benderite showing yielded gold values up to 0.254 opt from grab samples of poorly exposed arsenopyrite-bearing sulphide bands in schistose chlorite argillites within the mafic volcanic unit. The showing is located approximately 100 meters to 300 meters south of the volcano-sedimentary contact and about 600 meters south of the lean iron formation. Schistosity of the rocks about the showing averages 100 to 105 * in strike. Additional (historical) prospecting in the vicinity of the showing evidenced sporadic exposure of discrete bands of arsenopyrite mineralization within an area 200 meters long and 90 meters wide and contained gold values of up to 0.131 opt.

Gold bearing mineralized zones are quartz and sulphide (arsenopyrite and pyrite) rich and occur in strongly foliated rocks. Other minerals present include pyrrhotite and sphalerite. Gold mineralization appears to be related to both sulphide rich replacement veins (in discontinuous layers and lenses parallel to the foliation) and quartz-sulphide breccia zones. Host rocks are strongly chloritized and exhibit a distinctive blue-green weathered surface. They are also locally brecciated and highly silicified. The influence of host rocks, structure, metamorphism and alteration and the effect plutonic activity had on those processes and on gold mineralization is yet to be determined.

7: Benton Exploration

Benton completed 3 different activities on the Iron Duke project in 2016/17 in hopes of delineating additional exploration targets and verifying historic ones. The work was semi-sporadic and occurred in-between exploration programs on other Benton projects.

7.1 Prospecting

Prospecting the Iron Duke claims took place sporadically throughout the summer and fall of 2016 and was designed to locate historic showings, validate previous assays and find new occurrences. Benton prospectors, Mick Stares (12 days), J.(Rick) Crocker (4 days), T.Murray (5 days) and R. Dyer (3 days) were the individuals involved in this stage of exploration. Logs of their work are attached in the appendix.

Selective grab samples taken by Benton in the Benderite Zone (area in which Noranda focussed their efforts in '91 and '92) resulted in assays as high as 64.1, 38.2 and 20.4g/t Gold in highly foliated arsenopyrite-rich volcanics with carb alteration and silicified iron formation. Limited sampling outside of this zone did not result in any other significant gold assays (none over 50ppb Au).

A map showing sample location is included in the appendix as well as correlating assay results.

7.2 Soil Sampling

At the end of June 2017, R.Dyer and T. Murray spent twelve days collecting soils samples at Iron Duke. 100 samples were collected on 6 linear traverses designed to cover magnetic trends believe to be associated with mineralization. The lines were oriented NNE and length varied.

The soil sampling program resulted in two anomalous zones where gold values were elevated: immediately south of Div Lake and approx. 1km SSW of the Benderite zone. No ground truthing of these anomalous areas has been performed and their source hasn't been identified.

A map showing sample location is included in the appendix as well as correlating assay results.

7.3 Trenching

Benton dug 5 narrow trenches in overburden consisting of soil, till and weathered platey rock. The trenches were never washed and full of rubble, therefore efforts to map lithologies were unsuccessful. The freshly exposed outcrop appears to be a sheared volcanic with py/aspy mineralization but future work will describe lithologies in detail.

Trench A	Furthest west strip at the Benderite (aka Quill Lake) Zone. Anomalous gold values throughout ranging from trace to 839ppb. The trench could have extended further south as the gold values are higher as you go south. Assay composites up to 0.52g/t Au over 5.4m.
Trench B	Poorly stripped/exposed. Sampling was sporadic with composites 0.43g/t Au over 2m
Trench C	Nearly 80m long but very narrow with minimal sampling in the southern half of the trench where Benton grab samples were as high as 64.1g/t Au. The channel samples cut had a large gap between the two best composites: 8.17g/t Au over 1.8m and 6.68g/t Au over 2m
Trench D	Also located where Benton grab samples had significant gold (up to 20.4g/t). Channel sampling highlights include 1.55g/t over 3.8m and 4.19g/t Au over 1.7m
Trench E	Furthest east and contained sporadic channel sampling where sulphides present. 0.92g/t Au over 3.3m and 0.98g/t Au over 3m

8: Sample Preparation, Analyses and Security

Soil samples were collected using craft paper bags including a sample ID tag and hung to dry on-site and at Benton's office. Grab samples were placed in plastic sample bags with an ID tag. Individual bags were collected in larger bags and taped shut during transport to Accurassay Laboratories (now bankrupt) and Activation Laboratories Ltd., both in Thunder Bay, ON.

Once delivered the samples are prepared for assay by crushing the sample and up to 80% passing a 2mm screen then riffle split. 30g representative samples were then assayed for gold using a Fire Assay method.

9: Interpretation and Conclusions

The work performed by Benton was preliminary and incomplete in certain respects. While the sampling (grabs, soils and channels) did provide evidence showing the presence of economic gold grades in selectively taken samples, the work performed by Benton did not advance the project. The author cannot comment on style of mineralization at this time without proper geological mapping.

10: Recommendations

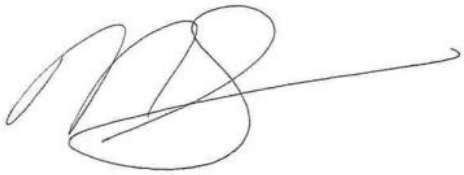
The trenches need to be washed to allow for proper mapping of lithology and structure. Further channel sampling should be completed to fill in gaps between samples containing anomalous gold.

Creating a local grid to allow for property scale mapping as well as systematic geochemical surveys would be an invaluable tool to locate the rocks associated with gold mineralization and to map regional/local structures to determine the controls on mineralization.

Any clusters of soil samples displaying anomalous gold values should be looked at in the field and trenching should take place if the anomalies are thought to represent in-situ weathering of the basement. Prospecting areas that have seen little work should continue once the factors controlling gold mineralization are determined.

A number of geophysical surveys overlap the claim block and should be compiled to assist in delineating exploration targets.

Respectfully submitted by



Nathan Sims, P.Geo
Benton Resources Inc.

11: References

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Trowell, N.F., Sage, R.P., Wright, W., Chamois, P., and Higgins, C. 1979: Sturgeon Narrows and Squaw Lake Alkalic Rock Cmplexes, District of Thunder Bay; OGS Preliminary Map P.2223 Geological Series Scale 1:15840 Geology 1976

Appendix I – Assay Certificates

ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Thursday, October 13, 2016

Final Certificate

Benton Resources Inc.
684 Squier Street
Thunder Bay, ON, CA
P7B4A8
Ph#: (807) 475-7474
Fax#: (807) 475-7200
Email: sstares@bentonresources.ca, cbarr@bentonresources.ca

Date Received: 10/05/2016
Date Completed: 10/13/2016
Job #: 201642066
Reference:
Sample #: 16

Acc #	Client ID	Au g/t (ppm)
219057	1321403	<0.005
219058	1321404	<0.005
219059	1321405	0.010
219060	1321406	<0.005
219061	1321407	<0.005
219062	1321408	<0.005
219063	1237801	0.469
219064	1237802	0.015
219065	1237803	0.006
219066	1237804	<0.005
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219070	1237807	<0.005
219071	1321352	0.007
219072	1321353	<0.005
219073	1321354	0.008

APPLIED SCOPES: ALP1, ALFA1

Validated By:
Jason Moore, VP Operations, Assayer

Certified By:
Jason Moore, VP Operations, Assayer

Authorized By:
Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

ACCURASSAY LABORATORIES
1046 Gorham Street
Thunder Bay, ON
Canada P7B 5X5
Tel: (807) 626-1630
Fax: (807) 622-7571
www.accurassay.com
assay@accurassay.com

Thursday, October 13, 2016

Final Certificate

Benton Resources Inc.
684 Squier Street
Thunder Bay, ON, CA
P7B4A8
Ph#: (807) 475-7474
Fax#: (807) 475-7200
Email: sstares@bentonresources.ca, cbarr@bentonresources.ca

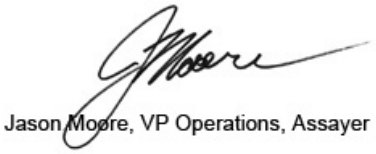
Date Received: 10/05/2016
Date Completed: 10/13/2016
Job #: 201642066
Reference:
Sample #: 16

Control Standards

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm

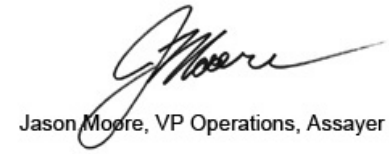
APPLIED SCOPES: ALP1, ALFA1

Validated By:



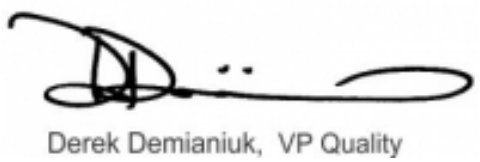
Jason Moore, VP Operations, Assayer

Certified By:



Jason Moore, VP Operations, Assayer

Authorized By:



Derek Demianiuk, VP Quality

The results included on this report relate only to the items tested.
The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.

Quality Analysis ... *Innovative Technologies*

Date Submitted: 04-Jul-16
Invoice No.: A16-06266
Invoice Date: 11-Jul-16
Your Reference:

Benton Resources Corp.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Clint Barr (Invoices+res)

CERTIFICATE OF ANALYSIS

3 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A16-06266**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
1043903	< 5
1043904	17
1043905	27

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
SF85 Meas	834
SF85 Cert	848
OxD128 Meas	432
OxD128 Cert	424.000
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 27-Jun-16
Invoice No.: A16-06016
Invoice Date: 11-Jul-16
Your Reference: Iron Duke

Benton Resources Corp.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Clint Barr (Invoices+res)

CERTIFICATE OF ANALYSIS

40 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

Code 1C-OES-Tbay Fire Assay ICPOES (QOP Fire Assay Tbay)

Code 1E-Ag Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A16-06016**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613

Analyte Symbol	Au	Au	Pd	Pt	Ag	Au
Unit Symbol	ppb	ppb	ppb	ppb	ppm	g/tonne
Lower Limit	5	2	5	5	0.2	0.03
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1195778	26					
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1043902	< 5					
1195791	12					
1195792	< 5					

Analyte Symbol	Au	Au	Pd	Pt	Ag	Au
Unit Symbol	ppb	ppb	ppb	ppb	ppm	g/tonne
Lower Limit	5	2	5	5	0.2	0.03
Method Code	FA-AA	FA-ICP	FA-ICP	FA-ICP	AR-ICP	FA-GRA
GXR-1 Meas					28.7	
GXR-1 Cert					31.0	
GXR-4 Meas					3.4	
GXR-4 Cert					4.0	
GXR-6 Meas					0.3	
GXR-6 Cert					1.30	
PK2 Meas		4990	6040	4840		
PK2 Cert		4785.000	5918.000	4749.000		
CDN-PGMS-25 Meas		487	1930	408		
CDN-PGMS-25 Cert		483	1830	400		
OXN117 Meas						7.79
OXN117 Cert						7.679
OxK119 Meas						3.72
OxK119 Cert						3.604
SF85 Meas	865					
SF85 Cert	848					
SF85 Meas	845					
SF85 Cert	848					
OxD128 Meas	426					
OxD128 Cert	424.000					
OxD128 Meas	427					
OxD128 Cert	424.000					
1195776 Orig						10.2
1195776 Dup						11.3
1195785 Orig	2880					
1195785 Dup	3010					
1196705 Orig	18					
1196705 Dup	15					
1196715 Orig	< 5					
1196715 Dup	< 5					
1043901 Orig	< 5					
1043901 Dup	< 5					
Method Blank					< 0.2	
Method Blank	< 5					
Method Blank	< 5					
Method Blank	< 5					
Method Blank		< 2	< 5	< 5		
Method Blank						< 0.03

Quality Analysis ... *Innovative Technologies*

Date Submitted: 12-Jul-16
Invoice No.: A16-06662
Invoice Date: 27-Jul-16
Your Reference: Iron Duke

Benton Resources Corp.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Clint Barr (Invoices+res)

CERTIFICATE OF ANALYSIS

104 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2 Au - Fire Assay AA

REPORT **A16-06662**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Date Submitted: 12-Jul-16
Invoice No.: A16-06662
Invoice Date: 27-Jul-16
Your Reference: Iron Duke

Benton Resources Corp.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Clint Barr (Invoices+res)

CERTIFICATE OF ANALYSIS

104 Soil samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A16-06662**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
1094524	< 5
1094525	< 5
1094526	< 5
1094527	< 5
1094528	5
1094529	< 5
1094530	< 5
1094532	< 5
1094533	< 5
1094534	< 5
1094536	< 5
1094537	< 5
1094538	< 5
1094539	< 5
1094540	< 5
1094541	< 5
1094542	< 5
1094543	< 5
1094544	< 5
1094545	< 5
1094546	< 5
1094547	< 5
1094549	< 5
1094550	< 5
171051	< 5
171052	< 5
171053	< 5
171054	< 5
171056	7
171057	< 5
171058	< 5
171059	5
171060	15
171061	< 5
171062	< 5
171063	5
171064	6
171065	12
171066	11
171067	11
171068	29
171069	5
171070	5
171071	6
171072	< 5
171073	< 5
171074	5
171075	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
171076	< 5
171077	< 5
171078	< 5
171079	< 5
171080	< 5
171081	< 5
171082	< 5
171083	< 5
171084	< 5
171085	< 5
171086	< 5
171087	5
171088	< 5
171089	< 5
171090	< 5
171091	6
171092	5
171093	5
171094	6
171095	6
171096	46
171097	5
171098	6
171099	5
171100	< 5
1093601	5
1093602	13
1093603	6
1093604	< 5
1093605	8
1093606	6
1093607	6
1093608	7
1093609	7
1093610	8
1093611	5
1093612	< 5
1093613	< 5
1093614	5
1093615	< 5
1093616	5
1093617	< 5
1093618	5
1093619	< 5
1093620	< 5
1093621	8
1093622	7
1093623	6

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
1093624	43
1093625	5
1093626	6
1093627	< 5
1094531	6
1094535	< 5
1094548	< 5
171055	< 5

Analyte Symbol	Au
Unit Symbol	ppb
Lower Limit	5
Method Code	FA-AA
SF85 Meas	841
SF85 Cert	848
SF85 Meas	836
SF85 Cert	848
SF85 Meas	864
SF85 Cert	848
SF85 Meas	840
SF85 Cert	848
OxD128 Meas	419
OxD128 Cert	424.000
OxD128 Meas	414
OxD128 Cert	424.000
OxD128 Meas	423
OxD128 Cert	424.000
1094534 Orig	< 5
1094534 Dup	< 5
1094545 Orig	< 5
1094545 Dup	< 5
171057 Orig	37
171057 Dup	< 5
171072 Orig	< 5
171072 Dup	9
171082 Orig	< 5
171082 Dup	< 5
171092 Orig	5
171092 Dup	5
1093607 Orig	6
1093607 Dup	6
1093617 Orig	< 5
1093617 Dup	< 5
1093627 Orig	7
1093627 Dup	< 5
171055 Orig	< 5
171055 Dup	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5
Method Blank	< 5

Quality Analysis ... *Innovative Technologies*

Date Submitted: 02-Nov-16
Invoice No.: A16-11499
Invoice Date: 16-Nov-16
Your Reference: Iron Duke

Benton Resources Inc.
684 Squier Street
Thunder Bay ON P7B 4A8
Canada

ATTN: Clint Barr (Invoices+res)

CERTIFICATE OF ANALYSIS

81 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A16-11499**

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1201 Walsh Street West, Thunder Bay, Ontario, Canada, P7E 4X6
TELEPHONE +807 622-6707 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
171201	40	
171202	33	
171203	165	
171204	86	
171205	97	
171206	83	
171207	100	
171208	5	
171209	5	
171210	6	
171211	< 5	
171212	21	
171213	< 5	
171214	491	
171215	643	
171216	15	
171217	839	
171218	604	
171219	57	
171220	644	
171221	222	
171222	5	
171223	52	
171224	85	
171225	< 5	
171226	< 5	
171227	697	
171228	< 5	
171229	12	
171230	8	
171231	84	
171232	870	
171233	> 5000	14.7
171234	2500	
171235	365	
171236	> 5000	8.87
171237	4480	
171238	53	
171239	9	
171240	13	
171241	54	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
171242	53	
171243	259	
171244	> 5000	8.26
171245	979	
171246	66	
171247	1580	
171248	1830	
171249	2520	
171250	95	
171251	1820	
171252	57	
171253	220	
171254	226	
171255	450	
171256	1280	
171257	932	
171258	524	
171259	1610	
171260	805	
1195901	500	
1195902	8	
1195903	8	
1195904	45	
1195905	68	
1195906	139	
1195907	12	
1195908	< 5	
1195909	< 5	
1195910	< 5	
1195911	8	
1195912	25	
1195913	169	
1195914	< 5	
1195915	> 5000	38.2
1195916	2720	
1195917	> 5000	64.1
1195918	> 5000	7.84
1195919	4130	
1195920	98	
1195921	2590	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA-GRA
OXN117 Meas		7.72
OXN117 Cert		7.679
OxK119 Meas		3.77
OxK119 Cert		3.604
OREAS 251(FA-Anaster) Meas	508	
OREAS 251(FA-Anaster) Cert	504	
OREAS 251(FA-Anaster) Meas	500	
OREAS 251(FA-Anaster) Cert	504	
171210 Orig	7	
171210 Dup	5	
171220 Orig	596	
171220 Dup	692	
171230 Orig	6	
171230 Dup	9	
171233 Orig		14.8
171233 Dup		14.6
171245 Orig	969	
171245 Dup	988	
171250 Orig	95	
171250 Split PREP DUP	118	
171255 Orig	467	
171255 Dup	433	
1195905 Orig	82	
1195905 Dup	54	
1195920 Orig	100	
1195920 Dup	96	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03

Appendix II – Prospector/Contractor Logs

Report on Iron Duke Gold Project – Mick Stares

During the weeks of June 20 through to the 25 I spent 4 days on the iron duke property. The days were spent locating and sampling the trenches that Noranda had dug back in 1992. All the trenches were located but!, a lot of them have been buried back in due ground water and debris filling the trenches over the years. Also Noranda had used a small Backhoe attached to Skidder and as a result it only had a minimum amount of depth penetration and as a result of this there were a number of areas in all the trenches that bedrock could not be reached. There was a total of 38 samples taken from the trenches and surrounding ground. It should be noted that the showing at the immediate area that was found by Adam Benderite appears to be an altered sulfide iron formation with abundant silica with fine and medium grained Arsenopyrite and pyrite as minor stringers and disseminations. For the most part the geology in the trenches is medium to fine grained mafic volcanic with some minor dykes of felsic. This is shown on the Noranda map in trench TQ-1. It should also be noted that the gold association in trench TQ-03 appears either to be an altered magnetite iron formation but is different in appearance from the Benderite showing which in my opinion is a sulfide iron formation. A line of Ronka EM-15 was run over trench TQ-1 and it was noted that the gold zones that were mapped by Noranda seems to have a direct correlation with magnetics. The magnetic zones were noted to be directly on or sub-parallel to the known gold zones therefore a ground magnetic survey is recommended.

Trench number TQ-5 was the finally located and sampled but my believe is that the gold zone of 5 grams per ton sampled by Noranda was filled in with debris and was not located. The lenses of sediments as mapped by Noranda also was note located but is believed to be covered by the extensive debris near the south end of the trench. There was no Ronka EM 15 run over this trench so the magnetic response is unknown.

Recommendations

It is Recommended that the trenches that were dug by Noranda be reopened and mapped and channel sampled using a larger excavator.

It is also recommended that a 50 meter recognisance grid be established over the areas of know gold mineralization and a ground magnetic survey be carried out.

Detailed prospecting is also recommended in the area.

Iron Duke Daily Log June 20th - July 1st 2016 (TMurray)

Day 1 - Traveled to project set up camp, attempted to locate trenches.

Day 2 - Located and sampled several historical trenches.

Day 3 - Mapped in roads for soil sampling, prospecting/ trench locating.

Day 4 - trench sampling

Day 5 - Took 32 soil samples and mapped out sand eskers covered aprox 1.5 lines with large areas unable to sample.

Day 6 - Rain day.

Day 7 - 21 soils taken mapped sand eskers where samples could not be taken, could not sample wet swampy ground, day cut short due to rain.

Day 8 - Collected 24 soils mapped sand eskers where samples could not be taken. No trails in area making it difficult for walking out at end of the day.

Day 9 - Collected 20 soil samples mapped sand eskers as well as lots of swampy areas and boulder fields. Again long walk outs and distance between lines.

Day 10 - Collected 5 soils and 3 grab samples before thunder storm hit, again lots of sand eskers and swamp.

Day 11 – Collected 2 soil samples all esker and swamp again rain storms, started shutting down camp/packing.

Day 12 – Shut down camp and traveled home to Thunder Bay

Daily Log Iron Duke Project October 1st-4th 2016 – Todd Murray

Day 1- Prospected newly staked claim checked many outcrops took two grab samples.

Day 2- Went into Ignace for supplies.

Day 3- prospected a large area checking soil samples and Mag units took four grab samples.

Day 4- Check out soil samples and Mag units took two grab samples. Packed up camp and drove to Thunder Bay.

Rick Crocker Prospecting Log – Iron Duke

Oct 1st 2016

Prospected claim #4279233 . looked at the high mag . took two samples of rusty sheared ironformation with 5% py.

Oct 2nd

Prospected claim # 4279233 near high soil. Lots of outcrop mafic vol and ironformation .took two samples of rusty iron formation with tr py.

Oct 3rd

Todd and I went back to the high soils on claim number 4279233 .didn,t see much Todd took three or four samples.

Oct 4th

Checked out the high soils on claim #4279510. Found some nice looking carb alt mafic vol qtz rich not much sulfides. And a foot wide qtz vein with no sulfides . took two samples.

Daily log Iron Duke Trenching Oct. 23rd- Nov. 1st (T.Murray)

Day 1- Packing, grocery shopping and prep at office for trenching.

Day 2- Travel to site from Thunder Bay brought excavator to site, set up camp, walked excavator to trenches started first trench.

Day 3- Continued digging trenches and monitored excavator.

Day 4- Continued digging trenches and monitored excavator, started cleaning trenches.

Day 5- Monitored excavator and cleaned trenches.

Day 6- Went to Ignace for gas propane and other supplies.

Day 7- Cut and chipped channel samples.

Day 8- Cut and chipped samples.

Day 9- Cut and chipped samples, Marked trenches and samples using GPS

Day 10- Packed up camp and traveled home.

Man days

man days

June 20, 2016 man day	Getting gear ready, groceries, equipment ready	1
June 21, 2016 man day	Getting gear packed, travel, checked out access	1
June 22, 2016 man day	Finding and sampling trenches	1
June 23, 2016 man day	Finding access, looking for trench	1
June 24, 2016 man day	Soil sampled line 1 part of 2, prospectinng	1
June 25, 2016 man day	Rained caught up on notes and cleaned up	1
June 26, 2016 man day	Finished off soils on line 2, did line 3, rained	1
June 27, 2016 man day	Rained in the morning, finished off soils on line 4	1
June 28, 2016 man day	Soils on lines 5, 6, and part of 7	1
June 29, 2016 man day	Soils on line 9, thunder storms, started packing camp away	1
June 30, 2016 man day	Finished off line 7 and line	1
July 01, 2016 man day	Traveled home, finished off paper work	1

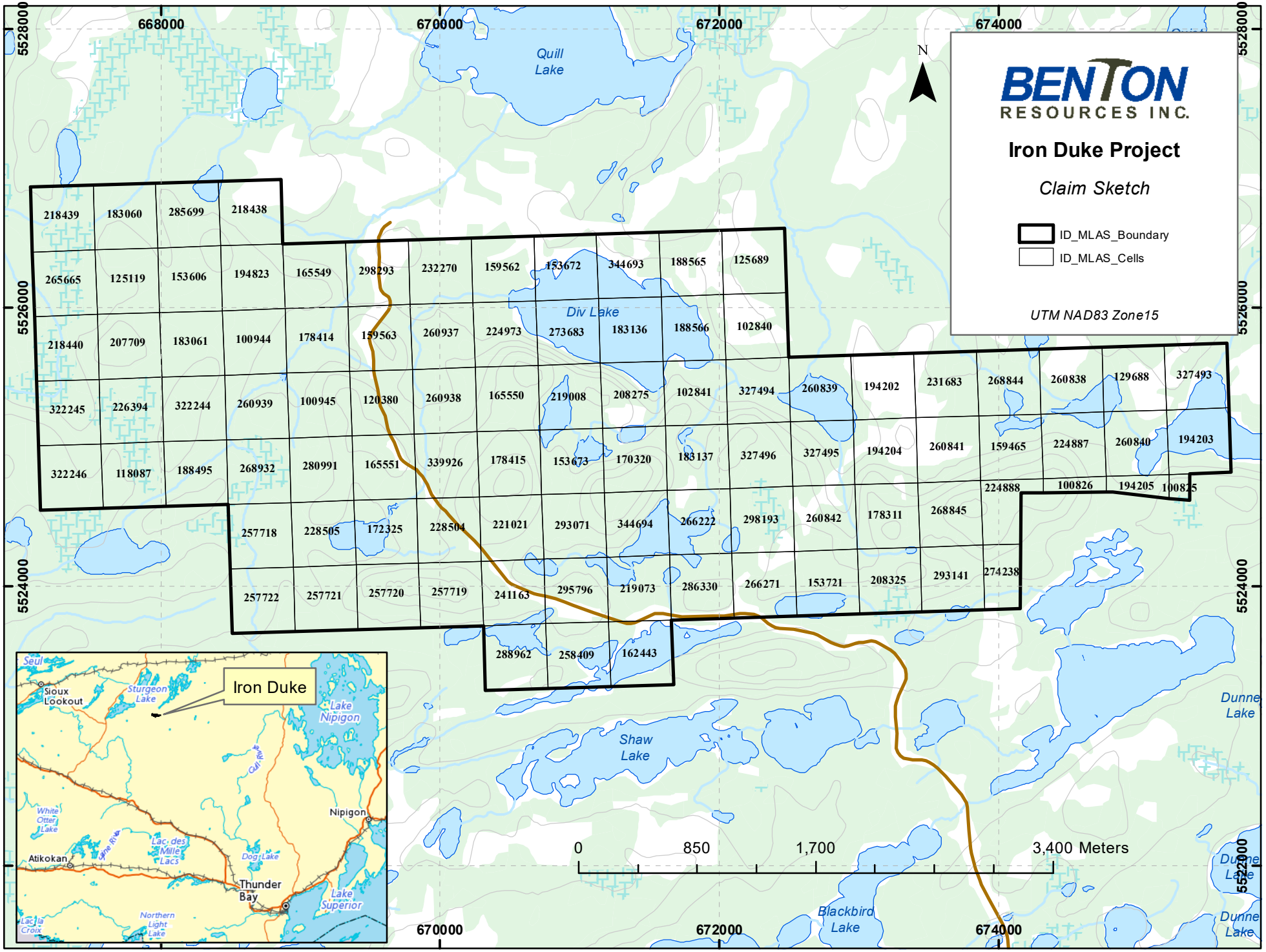
Daily

Sept. 26, 2016	Office, getting stuff ready	1 man day
Sept. 27, 2016	Travel and set up camp	1 man day
Sept. 28, 2016	Raining 3 guys did block 4279505	1 man day
Sept. 29, 2016	Staked 11 lines on claim 4265959	1 man day
Sept. 30, 2016	Finished off staking	1 man day
Oct. 01, 2016	Prospecting 4279232, 4265959, 4211579	1 man day
Oct. 02, 2016	Prospecting 4279232, 4265959	1 man day
Oct. 04, 2016	Paper work	1 man day

Man Days

Oct. 27, 2016 man day	Cleanig trenches 1, 2, 3, 4, and 5	1
Oct. 28, 2016 man day	Cut trench 1, sarted cipping, set up on 2nd	1
Oct. 29, 2016 man day	Finished trench 1, cut trench 2, set up on 3rd	1
Oct. 30, 2016 man day	Cut trench 3, 4, and started trench 5	1
Oct. 31, 2016 man day	Finished off trenching	1
Nov. 01, 2016 man day	Trvel home and unload	1

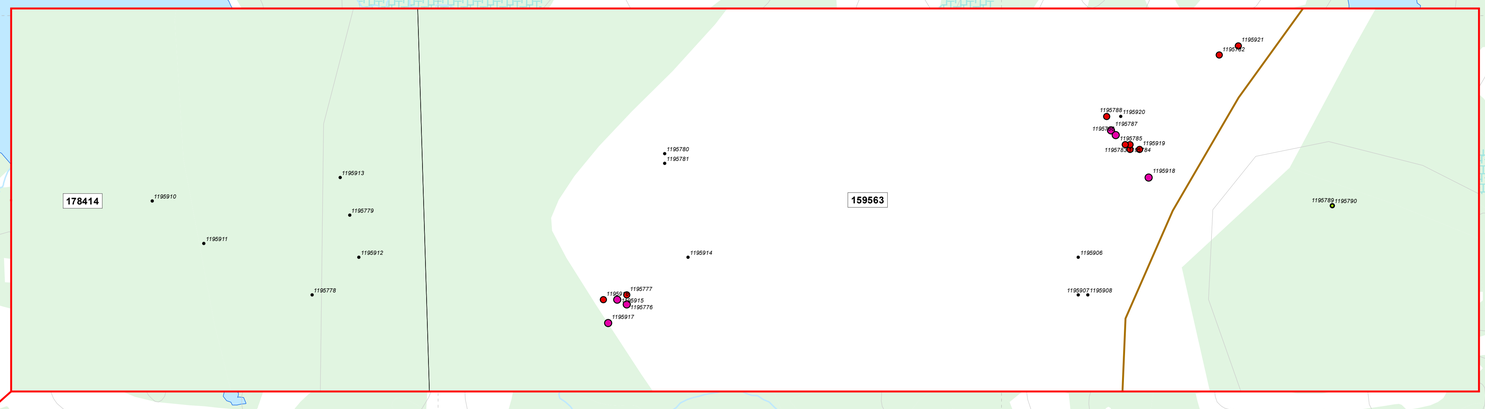
Appendix III – Maps


BENTON
RESOURCES INC.
Iron Duke Project
Claim Sketch
ID_MLAS_Boundary
ID_MLAS_Cells
UTM NAD83 Zone15
N
668000
670000
672000
674000
5528000
5526000
5524000
5522000
Quill Lake
Div Lake
Shaw Lake
Blackbird Lake
Dunne Lake
218439
183060
285699
218438
265665
125119
153606
194823
165549
298293
232270
159562
153672
344693
188565
125689
218440
207709
183061
100944
178414
159563
260937
224973
273683
183136
188566
102840
322245
226394
322244
260939
100945
120380
260938
165550
219008
208275
102841
327494
260839
194202
231683
268844
260838
129688
327493
322246
118087
188495
268932
280991
165551
339926
178415
153673
170320
183137
327496
327495
194204
260841
159465
224887
260840
194203
224888
100826
194205
100825
257718
228505
172325
228504
221021
293071
344694
266222
298193
260842
178311
268845
257722
257721
257720
257719
241163
295796
219073
286330
266271
153721
208325
293141
274238
288962
258409
162443
0
850
1,700
3,400 Meters
Iron Duke
Seul
Sioux Lookout
Sturgeon Lake
Lake Nipigon
Cull R.
Nipigon
White Otter Lake
Lac des Mille Lacs
Atikokan
Dog Lake
Thunder Bay
Lake Superior
Northern Light Lake
Lac la Croix

N

668000 670000 672000 674000

5528000 5526000 5524000



218439 183060 285699 218438

1321403 1321404

265665 125119 153606 194823 165549 298293 232270 159562 153672 344693 188565 125689

1196707 1196708 1196709 1196705 1196706

1196710 1196711 1196712 1196713 1196714 1196715 1196716 1196717 1196718 1196719

1237801 1237802 1237804 1237803 1321405 1321406 1321407 1321408

218440 207709 183061 100944 178414 159563 260937 224973 273683 183136 188566 102840

322245 226394 322244 260939 100945 120380 260938 165550 219008 208275 102841 327494 260839 194202 231683 268844 260838 129688 327493

322246 118087 188495 268932 280991 165551 339926 178415 153673 170320 183137 327496 327495 194204 260841 159465 224887 260840 194203

1043905 100826 194205 100825

257718 228505 172325 228504 221021 293071 344694 266222 298193 260842 178311 268845 224888

1237805 1237806 1237807 1196704 1196703 1196702 1196701 1043902 1043901 1043904 1043903

257722 257721 257720 257719 241163 295796 219073 286330 266271 153721 208325 293141 274238

288962 258409 162443

BENTON RESOURCES INC.

Iron Duke Project

Grab Sample Locations (Prospecting)

Grab Samples (Au ppb)

- 0 - 200
- 201 - 500
- 501 - 1000
- 1001 - 5000
- 5001 - 64100
- ID_MLAS_Boundary
- ID_MLAS_Cells

1:10,000

0 250 500 1,000 Meters

N

668000 670000 672000 674000

5526000

5524000

218439 183060 285699 218438

265665 125119 153606 194823 165549 298293 232270 159562 153672 344693 188565 125689

218440 207709 183061 100944 178414 159563 260937 224973 273683 183136 188566 102840

322245 226394 322244 260939 100945 120380 260938 165550 219008 208275 102841 327494 260839 194202 231683 268844 260838 129688 327493

322246 118087 188495 268932 280991 165551 339926 178415 153673 170320 183137 327496 327495 194204 260841 159465 224887 260840 194203

257718 228505 172325 228504 221021 293071 344694 266222 298193 260842 178311 268845 224888 100826 194205 100825

257722 257721 257720 257719 241163 295796 219073 286330 266271 153721 208325 293141 274238

288962 258409 162443

These four samples fall outside Benton's property.
No assessment credits were claimed for these samples.

BENTON RESOURCES INC.

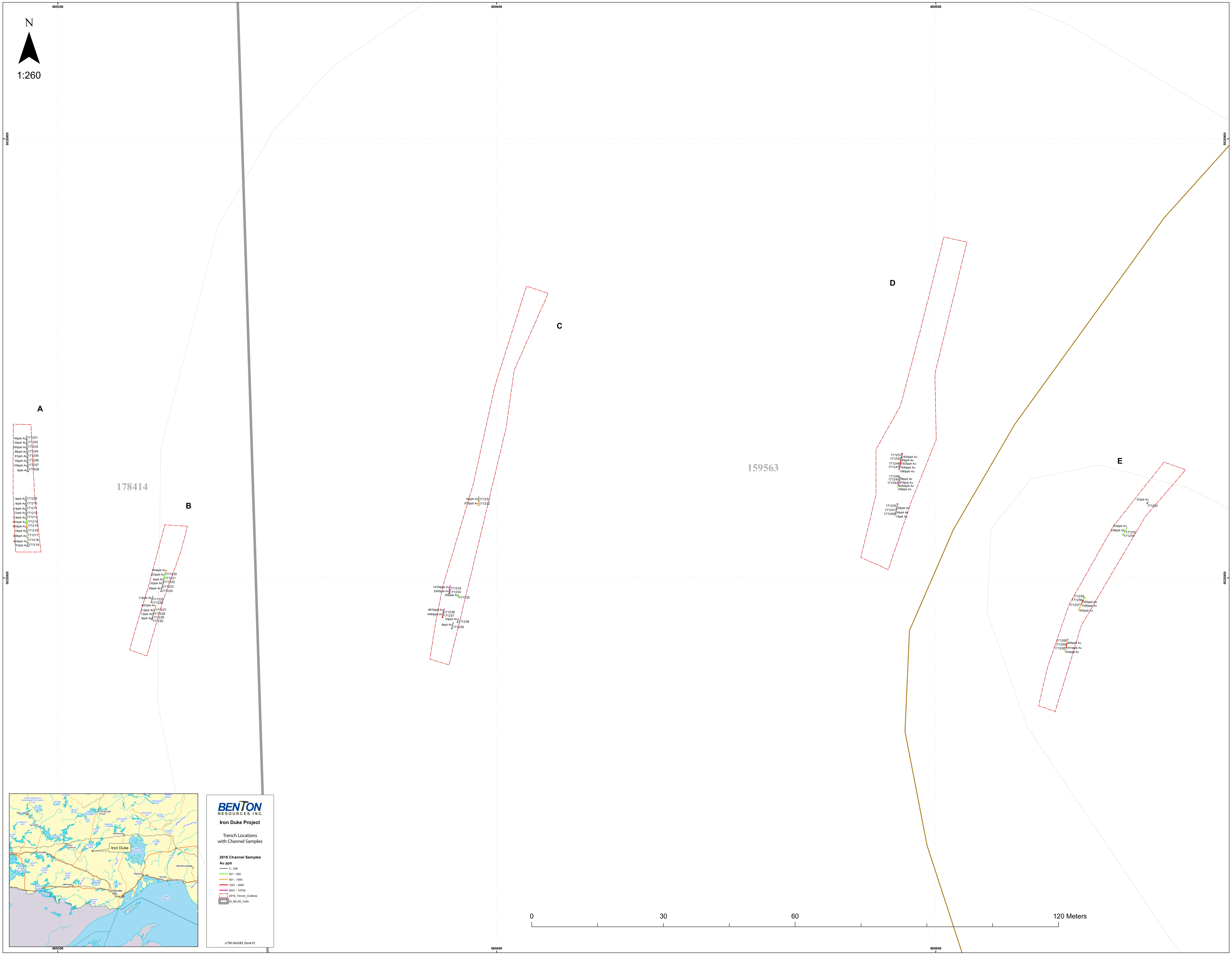
Iron Duke Project

Soil Sample Locations

Benton Soil Samples
Au (ppb)
- <5
- 5 - 10
- 10 - 25
- 25 - 46
- ID_MLAS_Boundary
- ID_MLAS_Cells

1:10,000

0 250 500 1,000 Meters


N
1:260
A
B
C
D
E
178414
159563
669300
669400
669500
0
30
60
120 Meters
Iron Duke
BENTON RESOURCES INC.
Iron Duke Project
Trench Locations with Channel Samples
2016 Channel Samples
Au ppb
3 - 200
201 - 500
501 - 1000
1001 - 5000
5001 - 14700
2016_Trench_Outlines
ID_MLAS_Cells
UTM NAD83 Zone15

Appendix IV- Grab, Soil and Channel Sample Tables

Sample	Easting	Northing	Descriptio	Sulfides	Comments	Sampler	Date Taken	Au_ppb	Lab Certificate
1043901	673730	5524456	bif Trace py, mildely magnetic, 1.5 m wide	Trace		TM/RD	June 2016	2.5	A16-06016
1043902	673532	5524528	bif 1% py, non magnetic, sulicious, peackock staining, 3m wide, 15m uncovered.	1%		TM/RD	June 2016	2.5	A16-06016
1195776	669388	5525791	Possible SIF sil, .5 meters wide, Str-E-W	3%py, aspy?	Noranda trench 6	MS	June 2016	10700	A16-06016
1195777	669388	5525793	sheared mafic with small bands of IF	1%py, aspy%	Noranda trench 6	MS	June 2016	1170	A16-06016
1195778	669321	5525793	Mafic Vol, slightly mag,	tr to 2%po, aspy?	Noranda trench 4	MS	June 2016	26	A16-06016
1195779	669329	5525810	Chl, Sch, brown alteration	tr py,	Noranda trench 4	MS	June 2016	2.5	A16-06016
1195780	669396	5525823	mafic vol, minor qtz carb stringers, Boulder From Trench)	5%py	Noranda trench 6	MS	June 2016	2.5	A16-06016
1195781	669396	5525821	mafic vol, fractures with carb,	tr, py, zn	Noranda trench 6	MS	June 2016	2.5	A16-06016
1195782	669514	5525844	sil IF in mafice vol, Near rd(not in trench)	10% aspy	near road not in trench	MS	June 2016	4270	A16-06016
1195783	669495	5525824	sil IF in mafice vol, 10 cm wide, multiply small bands	bands of fine py, aspy	Noranda trench 1	MS	June 2016	3780	A16-06016
1195784	669494	5525825	sil, fractured, rusty, 1 meter wide	py, aspy dissiminated through	Noranda trench 1	MS	June 2016	2760	A16-06016
1195785	669495	5525825	sil, fractured, rusty, 1 meter wide	py, aspy dissiminated through	Noranda trench 1	MS	June 2016	2940	A16-06016
1195786	669492	5525827	sil, fractured, rusty, 20 cm wide	py, aspy dissiminated through	Noranda trench 1	MS	June 2016	8710	A16-06016
1195787	669491	5525828	sil pods,IF in sheared fractured mafics	3% aspy	Noranda trench 1	MS	June 2016	20400	A16-06016
1195788	669490	5525831	IF in sheared fractured mafics,	10cm wide bands of 4% aspy, py	Noranda trench 1	MS	June 2016	3410	A16-06016
1195789	669538	5525812	sil mix, mafic, apperars to be altered banded mag, IF.	dissiminated po, aspy	Noranda trench 3 (Trench needs to be cleaned for detail look)	MS	June 2016	683	A16-06016
1195790	669538	5525812	sil mix, mafic, apperars to be altered banded mag, IF.	dissiminated po, aspy	Noranda trench 3 (Trench needs to be cleaned for detail look)	MS	June 2016	224	A16-06016
1196701	672668	5524524	IF on road,	no visual aspy 15% po	road and area of old blast pits	MS	June 2016	2.5	A16-06016
1196702	672691	5524526	sil IF, rusty, qtz veining	15%po,py	road and area of old blast pits	MS	June 2016	2.5	A16-06016
1196703	672694	5524536	sil IF, rusty, qtz veining	15%po,py	road and area of old blast pits	MS	June 2016	2.5	A16-06016
1196704	672528	5524522	SIF, 3 to 4 meters wide	15%po,py	on road	MS	June 2016	2.5	A16-06016
1196705	668763	5525536	sheared seds rusty	2% fine sul, tr mag		MS	June 2016	17	A16-06016
1196706	668357	5525456	sheared s, large blocky boulder	tr sul		MS	June 2016	2.5	A16-06016
1196707	668880	5525928	banded, seds rusty, large block of boulder in tree stump	1% non mag po		MS	June 2016	33	A16-06016
1196708	669113	5525903	rusty seds, brown carb stringers,	tr sul		MS	June 2016	2.5	A16-06016
1196709	669262	5525578	sil slighty sheraed seds, large angular boulders	tr to 1% po,py		MS	June 2016	2.5	A16-06016
1196710	669188	5525464	sheared mafic vol, (boulder from trench)	tr sul	Noranda trench 5 (gold zone appears to be covered with debris at end of trench and not sampled	MS	June 2016	2.5	A16-06016
1196711	669197	5525482	rusty amphibilized seds? Subcrop from trench?	1%po	gold zone appears to be covered with debris at end of trench (not sampled)	MS	June 2016	12	A16-06016
1196712	669197	5525481	sil mafic, seds? Float from trench?	1% fine sulfide	same	MS	June 2016	5	A16-06016
1196713	669196	5525487	sheared sil seds (boulders along side of trench)	1% fine sulfide	same	MS	June 2016	2.5	A16-06016
1196714	669223	5525444	Subcrop, rusty laminated seds, sil in some places	tr sul		MS	June 2016	2.5	A16-06016
1196715	669220	5525444	Subcrop, rusty laminated seds, sil in some places	tr sul		MS	June 2016	2.5	A16-06016
1196716	669220	5525444	Subcrop, rusty laminated seds, sil in some places	tr sul		MS	June 2016	2.5	A16-06016
1196717	669227	5525434	sil, breciated, carb, possilble porphry,,,angular boulders, possible OC	up to 20% py stringers and masses		MS	June 2016	10	A16-06016
1196718	669227	5525434	sil, breciated, carb, possilble porphry,,,angular boulders, possible OC	up to 20% py stringers and masses		MS	June 2016	2.5	A16-06016
1196719	669227	5525434	sil, breciated, carb, possilble porphry,,,angular boulders, possible OC	up to 20% py stringers and masses		MS	June 2016	2.5	A16-06016
1043905	674933	5524774	BIF Shrared, rusty, py	Trace		TM/RD	2016-07-01	27	A16-06266
1195906	669484	5525801	selective grabs in and around Benton trenching			TM/RD		139	
1195907	669484	5525793	selective grabs in and around Benton trenching			TM/RD		12	
1195908	669486	5525793	selective grabs in and around Benton trenching			TM/RD		0	
1195910	669287	5525813	selective grabs in and around Benton trenching			TM/RD		0	
1195911	669298	5525804	selective grabs in and around Benton trenching			TM/RD		8	
1195912	669331	5525801	selective grabs in and around Benton trenching			TM/RD		25	
1195913	669327	5525818	selective grabs in and around Benton trenching			TM/RD		169	
1195914	669401	5525801	selective grabs in and around Benton trenching			TM/RD	Nov 2016	0	A16-11499

1195915	669386	5525792	selective grabs in and around Benton trenching			TM/RD		38200	
1195916	669383	5525792	selective grabs in and around Benton trenching			TM/RD		2720	
1195917	669384	5525787	selective grabs in and around Benton trenching			TM/RD		64100	
1195918	669499	5525818	selective grabs in and around Benton trenching			TM/RD		7840	
1195919	669497	5525824	selective grabs in and around Benton trenching			TM/RD		4130	
1195920	669493	5525831	selective grabs in and around Benton trenching			TM/RD		98	
1195921	669518	5525846	selective grabs in and around Benton trenching			TM/RD		2590	
1237801	669689	5525787	rusty sheared ironformation qtz rich 5% py		O/C	RC	Oct 1-4	469	Accurassay 201642066
1237802	669855	5525746	rusty sheared ironformation qtz rich 5% py		O/C	RC		15	
1237803	671150	5525513	rusty ironformation qtz rich tr py		O/C	RC		6	
1237804	671144	5525516	rusty ironformation tr py		O/C	RC		2.5	
1237805	671512	5524599	rusty carbed qtz rich mafic vol tr py		O/C	RC		2.5	
1237806	671512	5524599	rusty carbed qtz rich mafic vol tr py		O/C	RC		47	
1237807	671512	5524599	qtz vein through rusty mafic vol		O/C	RC		2.5	
1321403	668474	5526609	Iron form, qtz, trace py, trace chalco py, rusty, O/C			TM	2016-10-05	2.5	
1321404	668440	5526583	Iron form, qtz, trace py, trace chalco py, rusty, boulder			TM	2016-10-05	2.5	
1321405	671112	5525514	Iron form, rusty, trace py, qtz, O/C			TM	2016-10-05	10	
1321406	671193	5525519	Iron form, rusty, trace py, O/C			TM	2016-10-05	2.5	
1321407	671216	5525500	Iron form, rusty, qtz, py, carb, O/C			TM	2016-10-05	2.5	
1321408	671248	5525479	Iron Form, rusty, trace py, carb, O/C			TM	2016-10-05	2.5	

Soil_Sample_ID	GPS_Date	Easting	Northing	Gold_FA_ppb
171051	24-JUN-16 3:51:16PM	669268	5525471	2.5
171052	24-JUN-16 3:55:51PM	669256	5525451	2.5
171053	24-JUN-16 4:06:30PM	669251	5525439	2.5
171054	24-JUN-16 4:11:45PM	669239	5525401	2.5
171056	26-JUN-16 9:18:25AM	669202	5525341	2.5
171057	26-JUN-16 9:21:44AM	669197	5525316	2.5
171060	26-JUN-16 9:33:58AM	669164	5525248	2.5
171061	26-JUN-16 9:37:43AM	669155	5525221	2.5
171072	26-JUN-16 11:29:19AM	669506	5526030	2.5
171073	26-JUN-16 11:32:27AM	669514	5526051	2.5
171075	26-JUN-16 1:08:29PM	670262	5525708	2.5
171076	26-JUN-16 1:15:38PM	670254	5525687	2.5
171077	27-JUN-16 11:54:45AM	670568	5524309	2.5
171078	27-JUN-16 11:58:28AM	670581	5524333	2.5
171079	27-JUN-16 12:01:17PM	670590	5524353	2.5
171080	27-JUN-16 12:04:54PM	670596	5524380	2.5
171081	27-JUN-16 12:08:28PM	670609	5524397	2.5
171082	27-JUN-16 12:14:10PM	670623	5524420	2.5
171083	27-JUN-16 12:16:50PM	670633	5524443	2.5
171084	27-JUN-16 12:20:21PM	670640	5524466	2.5
171085	27-JUN-16 12:39:33PM	670654	5524490	2.5
171086	27-JUN-16 12:42:41PM	670663	5524511	2.5
171088	27-JUN-16 12:51:08PM	670684	5524558	2.5
171089	27-JUN-16 12:57:07PM	670707	5524606	2.5
171090	27-JUN-16 1:08:34PM	670719	5524633	2.5
171100	27-JUN-16 3:31:08PM	671157	5525552	2.5
1093604	28-JUN-16 10:58:42AM	671541	5524634	2.5
1093612	28-JUN-16 1:57:59PM	672550	5524867	2.5
1093613	28-JUN-16 2:09:30PM	672492	5524728	2.5
1093615	28-JUN-16 2:29:43PM	672437	5524586	2.5
1093617	28-JUN-16 3:38:55PM	671398	5524399	2.5
1093619	28-JUN-16 3:55:15PM	671356	5524345	2.5
1093620	28-JUN-16 4:51:11PM	673419	5525291	2.5
1093627	30-JUN-16 11:38:27AM	674148	5524823	2.5
1094524	24-JUN-16 11:01:34AM	668346	5525420	2.5
1094525	24-JUN-16 11:20:58AM	668336	5525406	2.5
1094526	24-JUN-16 11:27:02AM	668325	5525380	2.5
1094527	24-JUN-16 11:36:14AM	668349	5525443	2.5
1094529	24-JUN-16 11:43:51AM	668377	5525488	2.5
1094530	24-JUN-16 11:48:15AM	668383	5525528	2.5
1094532	24-JUN-16 11:57:07AM	668407	5525559	2.5
1094533	24-JUN-16 12:01:57PM	668415	5525594	2.5
1094534	24-JUN-16 12:11:15PM	668428	5525606	2.5
1094536	24-JUN-16 2:24:25PM	669432	5525845	2.5
1094537	24-JUN-16 2:29:29PM	669416	5525833	2.5
1094538	24-JUN-16 2:33:08PM	669404	5525805	2.5

Soil_Sample_ID	GPS_Date	Easting	Northing	Gold_FA_ppb
1094539	24-JUN-16 2:38:47PM	669397	5525774	2.5
1094540	24-JUN-16 2:42:51PM	669390	5525756	2.5
1094541	24-JUN-16 2:47:08PM	669378	5525723	2.5
1094542	24-JUN-16 2:50:08PM	669375	5525701	2.5
1094543	24-JUN-16 3:00:58PM	669356	5525682	2.5
1094544	24-JUN-16 3:06:06PM	669333	5525636	2.5
1094545	24-JUN-16 3:10:03PM	669336	5525608	2.5
1094546	24-JUN-16 3:13:47PM	669336	5525592	2.5
1094547	24-JUN-16 3:24:25PM	669301	5525562	2.5
1094549	24-JUN-16 3:41:02PM	669298	5525527	2.5
1094550	24-JUN-16 3:46:49PM	669282	5525501	2.5
171058	26-JUN-16 9:26:09AM	669185	5525292	5
171062	26-JUN-16 9:48:40AM	669149	5525204	5
171068	26-JUN-16 11:10:04AM	669446	5525891	5
171070	26-JUN-16 11:19:11AM	669465	5525938	5
171074	26-JUN-16 1:04:13PM	670273	5525733	5
171087	27-JUN-16 12:47:06PM	670673	5524539	5
171092	27-JUN-16 1:22:15PM	670761	5524715	5
171093	27-JUN-16 1:44:41PM	670803	5524808	5
171097	27-JUN-16 3:19:34PM	671128	5525485	5
171099	27-JUN-16 3:26:26PM	671148	5525528	5
1093601	28-JUN-16 10:33:03AM	671461	5524502	5
1093611	28-JUN-16 1:43:27PM	672579	5524936	5
1093614	28-JUN-16 2:21:47PM	672480	5524681	5
1093616	28-JUN-16 2:32:08PM	672427	5524569	5
1093618	28-JUN-16 3:50:02PM	671364	5524362	5
1093625	29-JUN-16 11:42:16AM	674944	5524800	5
1094528	24-JUN-16 11:40:37AM	668361	5525472	5
171063	26-JUN-16 10:00:11AM	669115	5525135	6
171071	26-JUN-16 11:24:43AM	669487	5525985	6
171091	27-JUN-16 1:11:33PM	670732	5524645	6
171094	27-JUN-16 2:07:18PM	670913	5525033	6
171095	27-JUN-16 2:57:33PM	671087	5525396	6
171098	27-JUN-16 3:22:57PM	671139	5525504	6
1093603	28-JUN-16 10:53:59AM	671531	5524616	6
1093606	28-JUN-16 11:21:46AM	671595	5524722	6
1093607	28-JUN-16 11:26:14AM	671608	5524745	6
1093626	30-JUN-16 11:09:22AM	674188	5525100	6
171055	24-JUN-16 4:17:32PM	669228	5525395	7
1093608	28-JUN-16 11:33:21AM	671637	5524789	7
1093609	28-JUN-16 11:37:22AM	671653	5524805	7
1093605	28-JUN-16 11:18:36AM	671592	5524695	8
1093610	28-JUN-16 1:35:08PM	672621	5524998	8
171065	26-JUN-16 10:09:25AM	669096	5525087	11
171066	26-JUN-16 10:12:39AM	669088	5525064	11
171064	26-JUN-16 10:04:48AM	669109	5525114	12

Soil_Sample_ID	GPS_Date	Easting	Northing	Gold_FA_ppb
1093602	28-JUN-16 10:44:53AM	671501	5524574	13
171059	26-JUN-16 9:29:31AM	669173	5525275	15
171067	26-JUN-16 10:16:37AM	669076	5525042	29
171096	27-JUN-16 3:16:36PM	671110	5525468	46

Sample	Au_ppb	Length
171201	40	1
171202	33	1
171203	165	1.1
171204	86	1
171205	97	1
171206	83	1.1
171207	100	1
171208	5	1.1
171209	5	1.1
171210	6	1.1
171211	2.5	1.1
171212	21	1
171213	2.5	1
171214	491	1
171215	643	1
171216	15	1.1
171217	839	1.1
171218	604	1.2
171219	57	0.9
171220	644	1
171221	222	1
171222	5	1
171223	52	1.1
171224	85	1
171225	2.5	0.8
171226	2.5	0.8
171227	697	1
171228	2.5	1
171229	12	1
171230	8	0.4
171231	84	1
171232	870	1
171233	14700	1
171234	2500	0.8
171235	365	0.5
171236	8870	1
171237	4480	1
171238	53	1
171239	9	1.5
171240	13	0.6
171241	54	1
171242	53	1.2
171243	259	0.5
171244	8260	0.8
171245	979	0.4
171246	66	0.7

Sample	Au_ppb	Length
171247	1580	0.8
171248	1830	0.8
171249	2520	0.5
171250	95	0.7
171251	1820	1
171252	57	0.6
171253	220	1
171254	226	1
171255	450	0.8
171256	1280	1
171257	932	1.5
171258	524	1
171259	1610	1
171260	805	1