AR2012-030

# D.D.V. GOLD LTD

(NB Corporation #607520)

## Whiteburn

**Queens County**

## EL9044

## (6 March 2011 to 5 March 2012)

**Distribution:**

1. Nova Scotia Department of Natural Resources – Mineral Resources Branch - Halifax
2. Mr Ken Hiltz – Stillwater Lake
3. Atlantic Gold NL – Sydney (Australia)
4. DDV Gold Ltd – Halifax

**Prepared by:**

John Utley
Chief Geologist

Archie Rankin
Graduate Geologist

Atlantic Gold NL
Suite 701
220 Pacific Highway
CROWS NEST NSW 2065
AUSTRALIA

**February, 2012**

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# 1 Summary

EL9044 is part of a larger claim group which covers two merging anticlines and encompasses a large number of historic mine workings in the Whiteburn Gold District.

EL9044 lies just beyond the concentration of historic workings on the northern limb of an anticline. Only two rock chip samples were taken during the current report period and no anomalous values were returned, however, moderately developed ankerite alteration associated with the gold mineralising system in the Whiteburn Gold District persists into the licence and more detailed prospecting and mapping of the alteration system could be justified.

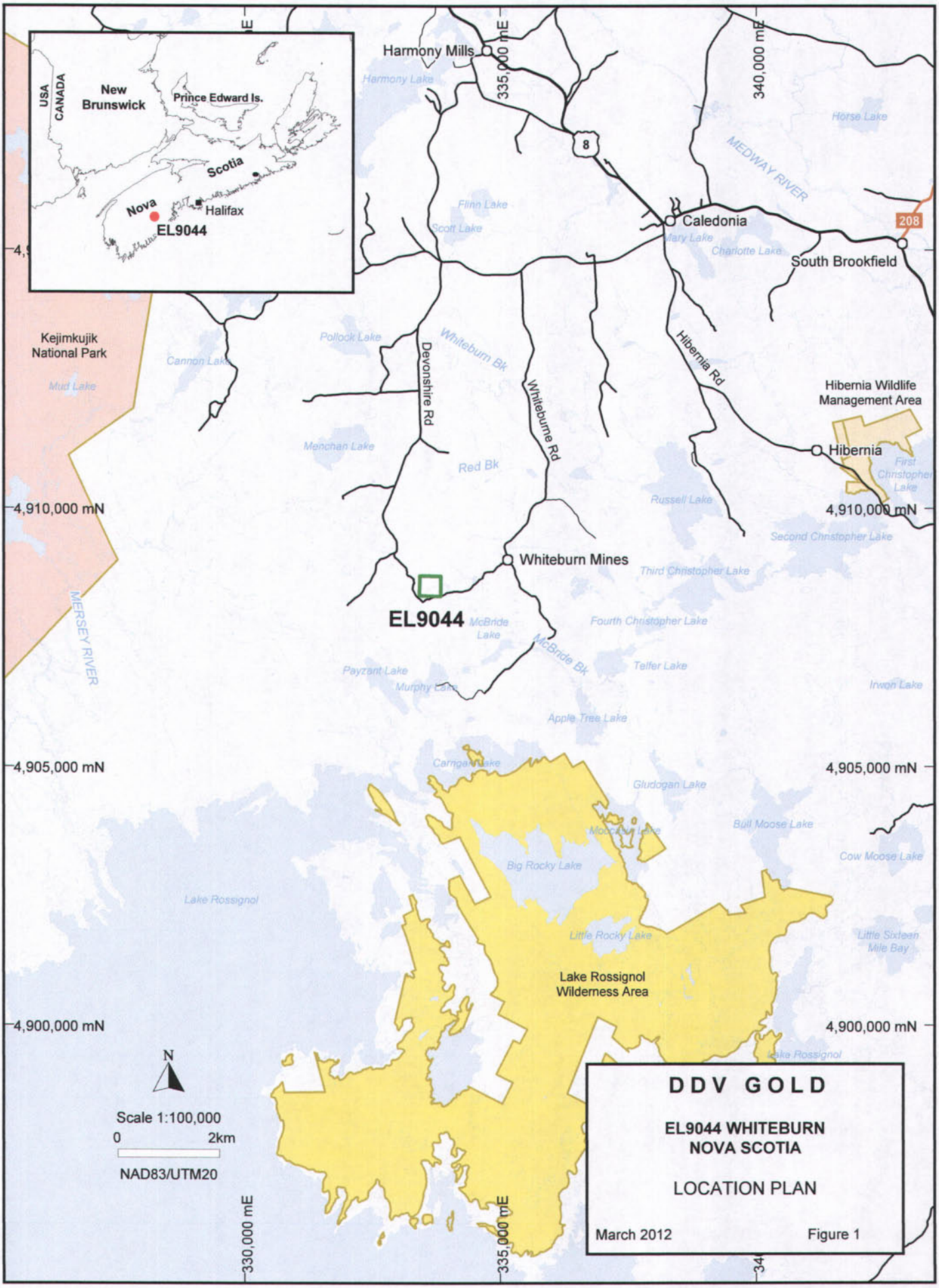
# 2 Introduction

This report details exploration activities within Exploration Licence 9044 during the period from March 6th, 2011 to March 5th, 2012.

EL9044 lies 8.5km southwest of the settlement of Caledonia, in Queens County.

This tenement is part of a larger claim group in Queens County which is held by Mr Ken Hiltz and which covers two merging anticlines and a large number of historic mine workings in the Whiteburn Gold District. DDV Gold has a particular focus on disseminated gold mineralization with the potential to be exploited via open-cut mining. On this basis, DDV Gold entered into an arrangement with Mr Hiltz whereby DDV Gold would explore the claim group for open-pittable gold deposits.

There are very few historic workings within Exploration License 9044 but there is some outcrop which has allowed exploration via rock chip sampling.


USA
CANADA
New Brunswick
Prince Edward Is.
Scotia
Nova
Halifax
EL9044
Harmony Mills
335,000 mE
340,000 mE
8
Caledonia
208
South Brookfield
MEDWAY RIVER
Horse Lake
Harmony Lake
Flinn Lake
Scott Lake
Mary Lake
Charlotte Lake
Kejimkujik National Park
Mud Lake
Cannon Lake
Pollock Lake
Whiteburn Bk
Devonshire Rd
Whiteburne Rd
Hibernia Rd
Hibernia Wildlife Management Area
Hibernia
First Christopher Lake
Menchan Lake
Red Bk
Russell Lake
Second Christopher Lake
4,910,000 mN
Whiteburn Mines
Third Christopher Lake
EL9044
McBride Lake
McBride Bk
Fourth Christopher Lake
Payzant Lake
Murphy Lake
Telfer Lake
Irwin Lake
Apple Tree Lake
MERSEY RIVER
4,905,000 mN
Carrigan Lake
Gludogan Lake
Moody Lake
Bull Moose Lake
Cow Moose Lake
Big Rocky Lake
Lake Rossignol
Little Rocky Lake
Little Sixteen Mile Bay
Lake Rossignol Wilderness Area
4,900,000 mN
330,000 mE
335,000 mE
N
Scale 1:100,000
0
2km
NAD83/UTM20
DDV GOLD
EL9044 WHITEBURN
NOVA SCOTIA
LOCATION PLAN
March 2012
Figure 1

# 3 Location and Access

EL9044 lies 8.5km southwest of the settlement of Caledonia. It can be accessed via woods roads linking up with well maintained gravel roads off Highway 8, between Caledonia and West Caledonia in Queens County.

# 4 Licence Tabulation

EL9044 is held by Mr Ken Hiltz and was operated by DDV Gold Ltd., a fully owned subsidiary of Atlantic Gold N.L. under the terms of an option agreement with Mr Hiltz. Exploration Licence details are shown in Table 1.

**Table 1 – Exploration Licence Details**

| EL | Holder | Granted | NTS | Tracts | Claims | No. | Exp Cond $ |
|---|---|---|---|---|---|---|---|
| 9044 | K Hiltz | 05-Mar-10 | 21A6A | 53 | H | 1 | |
| Total | | | | | | 1 | 200 |

# 5 Mining and Exploration History

Gold was discovered in the Whiteburn Gold District in 1884 with mining activities between 1885 and 1941 including at least three stamp mills operating at various times. A total of 10,570 ounces of gold was produced from 7,995 tons of crushed rock between 1887 and 1935 with 70% of this production within the first three years of operation.

Modern exploration, including geological, geochemical, and geophysical surveys and diamond drilling were undertaken in the Whiteburn area since the late 1970's.

Diamond drilling comprised six diamond holes that were drilled in 1982 by Whiteburn Precious Minerals Limited, to a maximum depth of 136m. The drill holes were located in the area of densest workings and represent a traverse across the northern limb of an anticline. These diamond drill holes intersected greywackes and slates with gold values returned from quartz veins and some weakly anomalous values from lithologies that were free from quartz veining.

# 6 Rock Chip Sampling

## 6.1 Methodology

Rock Chip samples were collected from outcrop during reconnaissance within EL9044. Sampling was done with a 2.5lb rock hammer and samples placed into numbered calico bags together with a bar-coded sample tag. GPS coordinates for each sample were recorded in the NAD83 coordinate system.

These samples were then delivered to the ALS Chemex laboratory in Timmins, Ontario by Midland Transport.

At the ALS Chemex facility, samples were crushed and a split of approximately 200g taken from the crushed product with the split then pulverised to >85% passing 200 mesh.

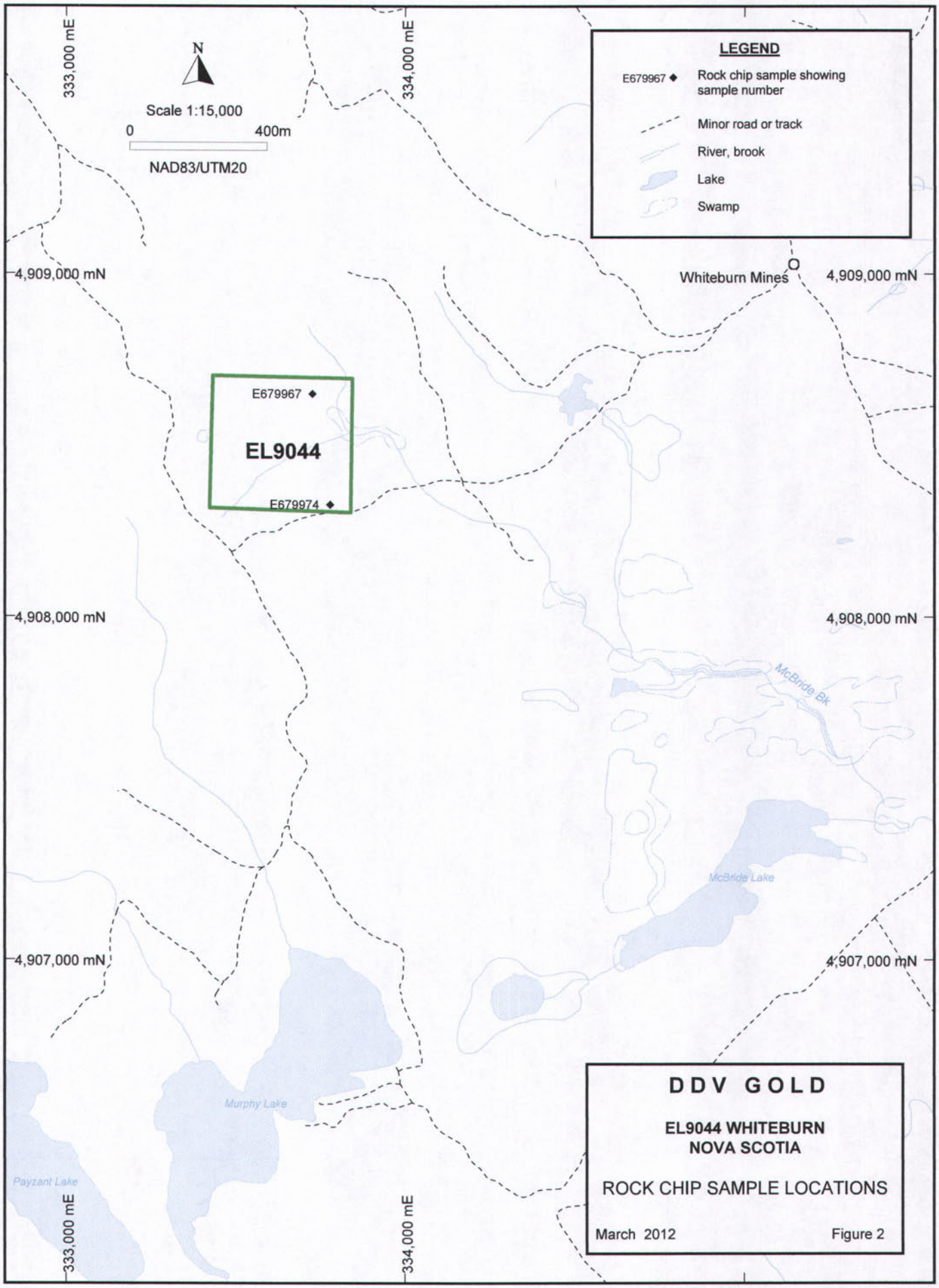
Each pulverised sample was analysed for gold via 30g fire assay with an AAS finish (Au-AA23) together with a suite of 33 elements via 4-acid digest and ICP-AES (ICP61) and with 4 elements via XRF (XRF-05) at the ALS facility in Vancouver

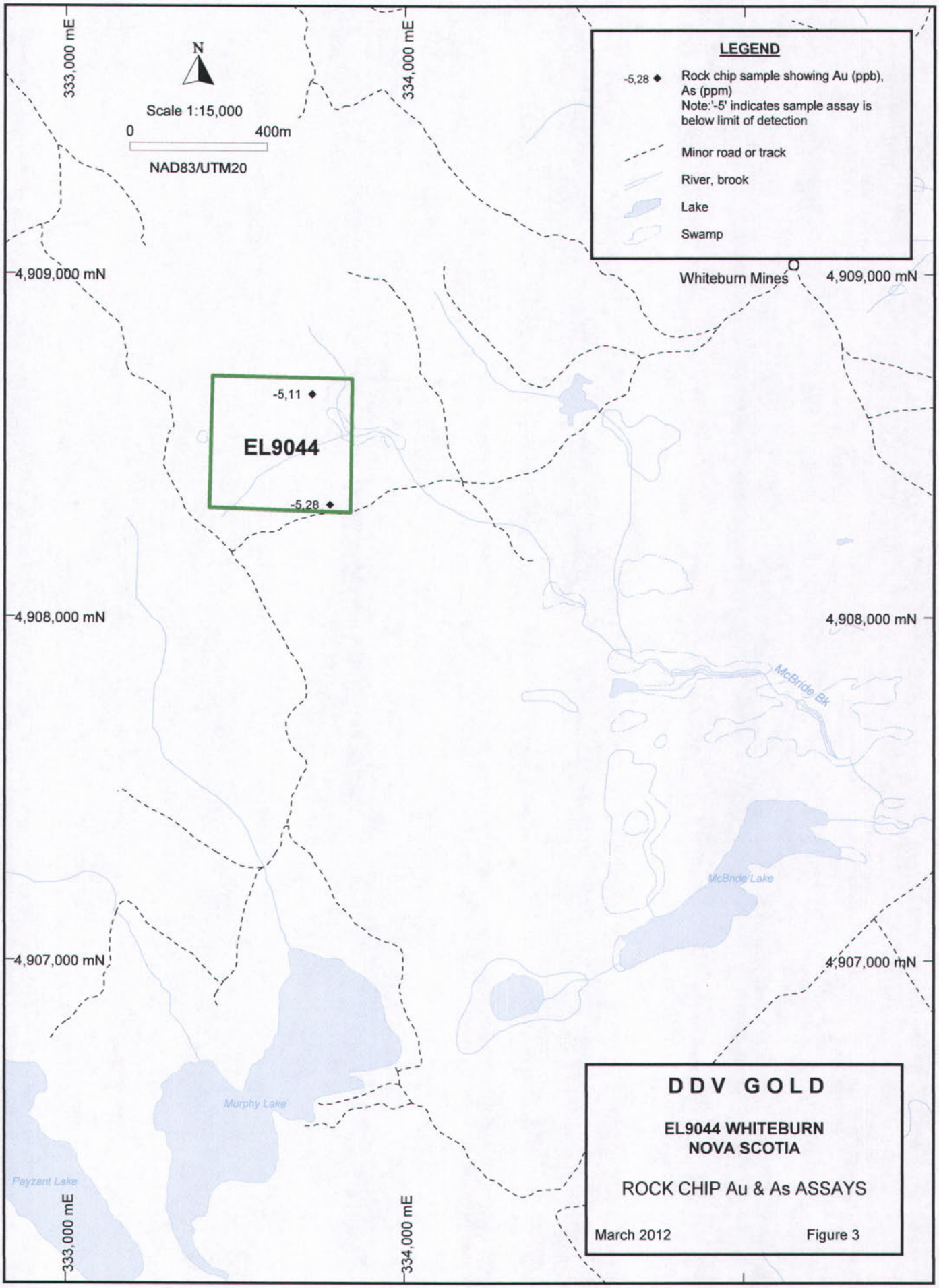
## 6.2 Samples

A total of two samples were collected for analysis, both greywacke dominated but with E679974 including interbedded argillite. Ankerite alteration was noted in both samples but there were no quartz vein and probably no sulphides.

## 6.3 Results

Gold concentrations in both rock chip samples were below the 5ppb detection limit and arsenic concentrations were also subdued, returning a maximum of 28ppm. Sample locations are shown in Figure 2 and gold and arsenic values in Figure 3.


N
Scale 1:15,000
0
400m
NAD83/UTM20
333,000 mE
334,000 mE
LEGEND
E679967 ◆ Rock chip sample showing sample number
Minor road or track
River, brook
Lake
Swamp
Whiteburn Mines
4,909,000 mN
4,908,000 mN
4,907,000 mN
E679967 ◆
EL9044
E679974 ◆
McBride Bk
McBride Lake
Murphy Lake
Payzant Lake
DDV GOLD
EL9044 WHITEBURN
NOVA SCOTIA
ROCK CHIP SAMPLE LOCATIONS
March 2012
Figure 2


LEGEND
-5,28 ◆ Rock chip sample showing Au (ppb), As (ppm)
Note:'-5' indicates sample assay is below limit of detection
Minor road or track
River, brook
Lake
Swamp
N
Scale 1:15,000
0
400m
NAD83/UTM20
333,000 mE
334,000 mE
4,909,000 mN
4,908,000 mN
4,907,000 mN
Whiteburn Mines
EL9044
-5,11 ◆
-5,28 ◆
McBride Bk
McBride Lake
Murphy Lake
Payzant Lake
DDV GOLD
EL9044 WHITEBURN
NOVA SCOTIA
ROCK CHIP Au & As ASSAYS
March 2012
Figure 3

# 7 Conclusions and Recommendations for Further Exploration

EL9044 lies just beyond the concentration of historic workings on the northern limb of an anticline. Only two rock chip samples were taken during the current report period and no anomalous values were returned, however, moderately developed ankerite alteration associated with the gold mineralising system in the Whiteburn Gold District persists into the licence and more detailed prospecting and mapping of the alteration system could be justified.

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# Author's Certificates

Author: Archie Rankin

Address: 6130 Allan St
Halifax, NS,

Occupation: Graduate Geologist

Qualifications: BSc (Earth Sciences) from Dalhousie University, Halifax, NS in 2010

Archie Rankin is an employee of DDV Gold a wholly owned subsidiary of Atlantic Gold N.L., a public company listed on the Australian Stock Exchange. The author is not a shareholder in Atlantic Gold N.L.

Author: John Utley

Address: 34 Hackney Way
Yanchep
WA 6035
Australia

Occupation: Geologist

Qualifications: BSc (Earth Sciences) from the University of Waikato, New Zealand in 1984 and MSc (Earth Sciences) from the University of Waikato in 1987

Work Experience: 23 years working for various companies in Australia, Chile, Solomon Islands, Papua New Guinea and Canada, primarily in gold exploration.

Professional Organisations:

Member of The Australian Institute of Geoscientists
Member of The Australasian Institute of Mining and Metallurgy
Member of The Society of Economic Geologists

John Utley is a full time employee of Atlantic Gold N.L., a public company listed on the Australian Stock Exchange. The author is a shareholder in Atlantic Gold N.L.

This report is based upon personal examination by the authors and also on discussion with other geologists who participated in the exploration programme.

# Appendix 1
# D.D.V. Gold Lithology Codes

## Major Lithology (LITH1) Codes

| DDV | Definition | Scorpio, *et al* |
|---|---|---|
| OB | Overburden | |
| TT | Till | |
| AR | Argillite (or Pelite or Psammopelite) with <5% greywacke interbeds | 3a, 3b |
| ARS | Biotite Schist after Argillite | 3c |
| GW | Greywacke (or Psammite) with <20% argillite interbeds | 1a, 1b |
| GA | Greywacke with 20-50% Argillite interbeds | 2b |
| AG | Argillite with 5-49% Greywacke interbeds | 2a |
| AGS | Biotite Schist (after Argillite) interbedded with lesser Greywacke | 2a |
| QV | Massive Quartz Vein (> 50% of interval) | |
| ST | Stope (or other void) | |
| NS | No Sample (Core Lost) | |

## Minor Lithology (LITH2) Codes

| DDV | Definition | MRRI "Rock Type" |
|---|---|---|
| ru | Rip up clasts | |
| fl | Faulted | FAULT |
| lm | Laminated (planar-, wavy- or cross-laminated, probably after Bouma structures | |
| ib | Irregular (non-parallel) bedding contacts, possibly after soft sediment deformation? | |
| pb | Planar bedded | |
| bx | Brecciated | |
| qv | Quartz veining (less than 50%qv and greater than 5% qv (if >50% qv, label in LITH1 Field as QV) | |
| vg | Visible gold (given first priority as a LITH2 code) | |
| ab | Arsenopyrite porphyroblasts | |
| cs | Calc-silicate band(s) | |

## Texture Codes

| Texture Code | Definition |
|---|---|
| vfg | Very fine grained sandstone (0.0625-0.125mm diam) |
| fg | Fine grained sandstone (0.125-0.25mm diam) |
| mg | Medium grained sandstone (0.25-0.5mm diam) |
| cg | Coarse grained sandstone |
| ct | Claystone (Argillite) |
| zt | Siltstone (Argillite) |
| c/z | Claystone predominates over siltstone |
| z/c | Siltstone predominates over claystone |
| c=z | Claystone content ~ same as siltstone content |

## Shearing (Faulting)

| | |
|---|---|
| 1 | Weakly Sheared - slickensided surfaces at spacings of 2-10cm over intervals of at least 0.5m downhole |
| 2 | Moderately Sheared - slickensided surfaces are spaced no further apart than 1 or 2cm and that density persists for at least 0.5m downhole |
| 3 | Strongly (or intensely) Sheared - core is frittered and often weathered as a result of very close (1-5mm) spaced slickensided surfaces. |

## Graphite, carbonate, sericite alteration and silicification

**(Recorded on a scale of intensity from 0-5)**

| | |
|---|---|
| 0 | None |
| 1 | Trace |
| 2 | Weak |
| 3 | Moderate |
| 4 | Strong |
| 5 | Intense |

## Common Abbreviations for use in Drill Log Descriptions

| **Colour** | **Abbrev.** | **Mineral** | **Abbrev.** | **Rock** | **Abbrev.** | **Adjective** | **Abbrev.** |
|---|---|---|---|---|---|---|---|
| black | bk | pyrrhotite | po. | greywacke | GW | light | lt |
| blue | bl | pyrite | py. | granitoid | FG | dark | dk |
| grey | gy | arsenopyrite | ap. | argillite | AR | strong(ly) | str. |
| green | gn | sphalerite | sp. | siltstone | zt | moderately | mod |
| yellow | yw | galena | gl. | claystone | ct | weakly | weak |
| brown | br. | garnet | gt | quartz vein | qv | altered | alt |
| **Structure** | | chalcopyrite | cp. | graphite | gr. | **Sed. Feature** | |
| breccia | bx | carbonate | ca. | mica | mi | bedded | bdd |
| shear(ed) | sh | ankerite | ak | muscovite | mu | bouma | bm |
| fault(ed) | fl | sericite | se. | biotite | bt | laminated | lm |
| contact | cn | siliceous | si. | staurolite | st | cross-bedded | x-bdd |
| foliation | fn. | **General** | | garnet | gt | Insufficient Sample | IS |
| cleavage | cv. | core-axis | c/a | andalusite | at | No Sample | NS |

# Appendix 2
# Rock Chip Sample Logs

Atlantic Gold

# DDV Gold Limited
## Geochem sample log

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Tenement** | EL9044 | **Prospect** | Whiteburn | **Date** | 07-May-11 | **Sample #** | **E679967** |
| **Nom.** | N | E | **Surv.** | 4908649 N | 333727 E | **Type** | Rock Chip |
| **Lith** | GW | **Carb** | 2 | **Strat.** | **Mag sus** | 6 | **Lab** | ALS |
| **Company** | DDV Gold | **Logged by** | Diane Smeltzer/Dawn Tobey | | | **Lab report** | TM11091358 |
| **Sample Description** | GW; gry/grn, fg; weak-mod ak alt'n; poss tr dis py, no qv's | | | | | **Gold assay method** | Au-AA23 |
| | | | | | | **Metallics method** | |
| **Site description** | Area of scatterd outcrops in low swampy ground; 50c | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Au (ppb)** | -5 | Bi (ppm) | 7 | Ga (ppm) | 10 | Na (%) | 1.94 | Sr (ppm) | 184 |
| Ag (ppm) | -0.5 | Ca (%) | 0.25 | Hg (ppm) | | Ni (ppm) | 13 | Ti (%) | 0.344 |
| Al (%) | 5.2 | Cd (ppm) | -0.5 | K (%) | 1.22 | P (ppm) | 460 | Tl (ppm) | -10 |
| As (ppm) | 11 | Co (ppm) | 5 | La (ppm) | 20 | Pb (ppm) | 8 | U (ppm) | |
| B (ppm) | | Cr (ppm) | 46 | Mg (%) | 0.5 | S (%) | -0.01 | V (ppm) | 52 |
| Ba (ppm) | 370 | Cu (ppm) | 8 | Mn (ppm) | 469 | Sb (ppm) | -5 | W (ppm) | -10 |
| Be (ppm) | 1.2 | Fe (%) | 2.16 | Mo (ppm) | -1 | Sc (ppm) | 7 | Zn (ppm) | 33 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Tenement** | EL9044 | **Prospect** | Whiteburn | **Date** | 08-May-11 | **Sample #** | **E679974** |
| **Nom.** | N | E | **Surv.** | 4908326 N | 333779 E | **Type** | Rock Chip |
| **Lith** | GW | **Carb** | 3 | **Strat.** | **Mag sus** | 18 | **Lab** | ALS |
| **Company** | DDV Gold | **Logged by** | Diane Smeltzer/Dawn Tobey | | | **Lab report** | TM11091358 |
| **Sample Description** | GA; gry/grn, fg; mod-strong dis ak; interbedded gw/siltst/gw/ar; CL & BD 032/80N | | | | | **Gold assay method** | Au-AA23 |
| | | | | | | **Metallics method** | |
| **Site description** | Forested area ~500m west of old workings; sample 1 | | | | | | |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Au (ppb)** | -5 | Bi (ppm) | 7 | Ga (ppm) | 20 | Na (%) | 1.48 | Sr (ppm) | 161 |
| Ag (ppm) | -0.5 | Ca (%) | 0.27 | Hg (ppm) | | Ni (ppm) | 36 | Ti (%) | 0.479 |
| Al (%) | 8.43 | Cd (ppm) | -0.5 | K (%) | 2.97 | P (ppm) | 700 | Tl (ppm) | -10 |
| As (ppm) | 28 | Co (ppm) | 11 | La (ppm) | 20 | Pb (ppm) | 9 | U (ppm) | |
| B (ppm) | | Cr (ppm) | 78 | Mg (%) | 1.28 | S (%) | -0.01 | V (ppm) | 106 |
| Ba (ppm) | 820 | Cu (ppm) | 20 | Mn (ppm) | 660 | Sb (ppm) | -5 | W (ppm) | -10 |
| Be (ppm) | 2.5 | Fe (%) | 4.39 | Mo (ppm) | -1 | Sc (ppm) | 16 | Zn (ppm) | 80 |

# Appendix 3
# Analytical Methods

Sample Preparation

Samples dried, crushed to -2mm then riffle split to produce nominal 200g subsamples. Each subsample then pulverised to a nominal 85% passing 75µm (200 mesh).

Au

ALS Chemex Method Au-AA23: 30g of pulverised material is mixed with a fluxing agent and fused at approximately 1100 °C. The resulting precious metal prill is dissolved in Aqua Regia and the Au concentration determined by Atomic Adsorption Spectrometry.

Detection limits 5 – 10 000 ppb Au

Multielements

ALS Chemex Method ME-ICP61: Pulverised sample dissolved in a 4-acid digest and concentrations of 33 elements measured by ICP-AES.

Elements analysed and detection limits as follows:

| ME-ICP61 Elements and Detection Ranges (ppm) | | | |
|---|---|---|---|
| Ag (0.2-100) | Cr* (1-10 000) | Na* (0.01%-10%) | Ti* (0.01%-10%) |
| Al* (0.01%-15%) | Cu (1-10 000) | Ni (1-10 000) | Tl* (10-10 000) |
| As (2-10 000) | Fe (0.01%-15%) | P (10-10 000) | V (1-10 000) |
| Ba* (10-10 000) | Ga* (10-10 000) | Pb 2-10 000) | W* (10-10 000) |
| Be* (0.5-100) | K* (0.01%-10%) | S (0.015%-10%) | Zn (2-10 000) |
| Bi (1-10 000) | La* (10-10 000) | Sb (2-10 000) | |
| Ca* (0.01%-15%) | Mg* (0.01%-15%) | Sc* (1-10 000) | |
| Cd (0.5-500) | Mn (5-10 000) | Sr* (1-10 000) | |
| Co (1-10 000) | Mo (1-10 000) | Th (20-10 000) | |
| * digestion will be incomplete for most sample matrices | | | |

ALS Chemex Method XRF-05: Approximately 20g of pulverised sample is pressed into a pellet and concentrations of nominated elements measured by XRF.

Elements that can be analysed by this method and detection limits as follows:

| XRF-05 Elements and Detection Ranges (ppm) | | | |
|---|---|---|---|
| As (5-5 000) | Nb (2-10 000) | Ta (10-10 000) | Zr (2-10 000) |
| Ba (10-10 000 | Ni (10-15 000) | Th (4-10 000) | Zn (10-10 000) |
| Ce (10-10 000) | Rb (2-10 000) | U (4-10 000) | |
| Cu (10-10 000) | Sn (5-10 000) | W (10-10 000) | |
| La (10-10 000) | Sr (2-10 000) | Y (2-10 000) | |

# Appendix 4
# Assay Certificates

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **DDV GOLD LIMITED (ATLANTIC GOLD NL)**
**SUITE 701 - 220 PACIFIC HIGHWAY**
**CROWS NEST NSW 2065**
**AUSTRALIA**


**Finalized Date: 13-JUN-2011**
**Account: DDVGO**

# CERTIFICATE TM11091358

Project: TOUQUOY

P.O. No.: DDV-613

This report is for 25 Rock samples submitted to our lab in Timmins, ON, Canada on 24-MAY-2011.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| WALLY BUCKNELL<br>ROBERT MURPHY | JULI FIDLER<br>JOHN UTLEY | DDV GOLD |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-22 | Sample login - Rcd w/o BarCode |
| CRU-31 | Fine crushing - 70% <2mm |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |
| SPL-21 | Split sample - riffle splitter |
| PUL-31 | Pulverize split to 85% <75 um |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|---|---|---|
| ME-ICP61 | 33 element four acid ICP-AES | ICP-AES |
| ME-XRF05 | Trace Level XRF Analysis | XRF |
| Au-AA23 | Au 30g FA-AA finish | AAS |

To: **DDV GOLD LIMITED (ATLANTIC GOLD NL)**
**ATTN: JULI FIDLER**
**SUITE 701 - 220 PACIFIC HIGHWAY**
**CROWS NEST NSW 2065**
**AUSTRALIA**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

**Signature:**
Colin Ramshaw, Vancouver Laboratory Manager

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DDV GOLD LIMITED (ATLANTIC GOLD NL)
SUITE 701 - 220 PACIFIC HIGHWAY
CROWS NEST NSW 2065
AUSTRALIA


Finalized Date: 13-JUN-2011
Account: DDVGO

Project: TOUQUOY

# CERTIFICATE OF ANALYSIS TM11091358

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au ppm 0.005 | ME-ICP61 Ag ppm 0.5 | ME-ICP61 Al % 0.01 | ME-ICP61 As ppm 5 | ME-ICP61 Ba ppm 10 | ME-ICP61 Be ppm 0.5 | ME-ICP61 Bi ppm 2 | ME-ICP61 Ca % 0.01 | ME-ICP61 Cd ppm 0.5 | ME-ICP61 Co ppm 1 | ME-ICP61 Cr ppm 1 | ME-ICP61 Cu ppm 1 | ME-ICP61 Fe % 0.01 | ME-ICP61 Ga ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E679963 | | 1.33 | <0.005 | <0.5 | 5.89 | 51 | 430 | 1.4 | 2 | 0.15 | <0.5 | 5 | 48 | 5 | 2.49 | 10 |
| E679964 | | 1.05 | 0.014 | <0.5 | 6.05 | 115 | 450 | 1.5 | 4 | 0.26 | <0.5 | 15 | 50 | 16 | 2.92 | 20 |
| E679965 | | 1.28 | <0.005 | <0.5 | 5.36 | 28 | 390 | 1.3 | 3 | 0.18 | <0.5 | 4 | 48 | 3 | 2.20 | 10 |
| E679966 | | 1.24 | <0.005 | <0.5 | 5.69 | 18 | 360 | 1.2 | 2 | 0.54 | <0.5 | 7 | 58 | 12 | 3.04 | 10 |
| E679967 | | 1.17 | <0.005 | <0.5 | 5.20 | 11 | 370 | 1.2 | <2 | 0.25 | <0.5 | 5 | 46 | 8 | 2.16 | 10 |
| E679968 | | 0.94 | <0.005 | <0.5 | 4.95 | 5 | 330 | 1.1 | <2 | 0.16 | <0.5 | 5 | 38 | 3 | 2.15 | 10 |
| E679969 | | 1.24 | <0.005 | <0.5 | 5.29 | <5 | 310 | 1.1 | 2 | 0.38 | <0.5 | 6 | 42 | 6 | 2.26 | 10 |
| E679970 | | 1.17 | 0.019 | <0.5 | 5.08 | 12 | 310 | 1.1 | 2 | 0.15 | <0.5 | 4 | 42 | 4 | 2.34 | 10 |
| E679971 | | 1.39 | <0.005 | <0.5 | 6.30 | 46 | 420 | 1.4 | <2 | 0.26 | <0.5 | 6 | 60 | 7 | 3.12 | 20 |
| E679972 | | 1.27 | <0.005 | <0.5 | 7.21 | 26 | 630 | 1.9 | 2 | 0.27 | <0.5 | 6 | 65 | 5 | 3.18 | 20 |
| E679973 | | 1.64 | <0.005 | <0.5 | 6.54 | 15 | 470 | 1.5 | 3 | 0.18 | <0.5 | 6 | 55 | 1 | 2.91 | 10 |
| E679974 | | 1.69 | <0.005 | <0.5 | 8.43 | 28 | 820 | 2.5 | <2 | 0.27 | <0.5 | 11 | 78 | 20 | 4.39 | 20 |
| E679975 | | 1.83 | <0.005 | <0.5 | 6.21 | 8 | 480 | 1.5 | 2 | 0.23 | <0.5 | 5 | 45 | 6 | 2.53 | 10 |
| E679976 | | 1.77 | <0.005 | <0.5 | 6.02 | <5 | 420 | 1.5 | 2 | 0.18 | <0.5 | 6 | 46 | 10 | 2.88 | 10 |
| E679977 | | 1.63 | <0.005 | <0.5 | 7.97 | 17 | 670 | 2.1 | <2 | 0.19 | <0.5 | 9 | 70 | 19 | 4.22 | 20 |
| K686951 | | 1.75 | <0.005 | <0.5 | 8.27 | 25 | 790 | 2.4 | <2 | 0.19 | <0.5 | 7 | 77 | 7 | 4.40 | 20 |
| K686952 | | 1.12 | <0.005 | <0.5 | 8.34 | 12 | 950 | 2.3 | <2 | 0.61 | <0.5 | 13 | 91 | 18 | 4.46 | 20 |
| K686953 | | 1.89 | <0.005 | <0.5 | 6.33 | 13 | 540 | 1.2 | <2 | 0.06 | <0.5 | 12 | 43 | 29 | 4.25 | 20 |
| K686954 | | 1.32 | <0.005 | <0.5 | 8.05 | <5 | 1000 | 2.4 | <2 | 0.51 | <0.5 | 11 | 72 | 26 | 4.32 | 20 |
| K686955 | | 1.72 | <0.005 | <0.5 | 7.41 | 7 | 800 | 1.9 | <2 | 0.55 | <0.5 | 10 | 64 | 20 | 4.10 | 20 |
| K686956 | | 2.22 | <0.005 | <0.5 | 8.05 | 13 | 840 | 2.2 | <2 | 0.47 | <0.5 | 11 | 75 | 27 | 4.86 | 20 |
| K686957 | | 2.22 | <0.005 | <0.5 | 7.18 | 25 | 470 | 1.8 | <2 | 0.95 | <0.5 | 9 | 65 | 19 | 3.52 | 10 |
| K686958 | | 1.87 | 0.008 | <0.5 | 5.37 | 89 | 350 | 1.2 | 2 | 0.06 | <0.5 | 4 | 37 | 9 | 2.05 | 10 |
| K686959 | | 1.32 | <0.005 | <0.5 | 5.32 | 10 | 370 | 1.3 | <2 | 0.09 | <0.5 | 4 | 42 | 3 | 2.22 | 10 |
| K686960 | | 2.08 | 0.005 | <0.5 | 4.80 | <5 | 470 | 1.2 | <2 | 0.29 | <0.5 | 4 | 37 | <1 | 1.79 | 10 |

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: DDV GOLD LIMITED (ATLANTIC GOLD NL)
SUITE 701 - 220 PACIFIC HIGHWAY
CROWS NEST NSW 2065
AUSTRALIA


Finalized Date: 13-JUN-2011
Account: DDVGO

Project: TOUQUOY

# CERTIFICATE OF ANALYSIS TM11091358

| Sample Description | Method | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | K | La | Mg | Mn | Mo | Na | Ni | P | Pb | S | Sb | Sc | Sr | Th | Ti |
| | Units | % | ppm | % | ppm | ppm | % | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | % |
| | LOR | 0.01 | 10 | 0.01 | 5 | 1 | 0.01 | 1 | 10 | 2 | 0.01 | 5 | 1 | 1 | 20 | 0.01 |
| E679963 | | 1.58 | 20 | 0.63 | 304 | 1 | 1.84 | 16 | 470 | 12 | 0.01 | <5 | 8 | 159 | <20 | 0.29 |
| E679964 | | 1.59 | 30 | 0.76 | 790 | <1 | 1.86 | 28 | 770 | 12 | 0.01 | <5 | 8 | 170 | <20 | 0.31 |
| E679965 | | 1.39 | 20 | 0.47 | 376 | <1 | 1.83 | 13 | 490 | <2 | 0.01 | <5 | 8 | 158 | <20 | 0.32 |
| E679966 | | 1.29 | 30 | 0.71 | 611 | <1 | 1.97 | 18 | 610 | 6 | 0.02 | <5 | 8 | 207 | <20 | 0.42 |
| E679967 | | 1.22 | 20 | 0.50 | 469 | <1 | 1.94 | 13 | 460 | 8 | <0.01 | <5 | 7 | 184 | <20 | 0.33 |
| E679968 | | 1.19 | 10 | 0.52 | 415 | <1 | 1.76 | 14 | 500 | 15 | <0.01 | <5 | 7 | 137 | <20 | 0.28 |
| E679969 | | 1.19 | 20 | 0.57 | 575 | <1 | 1.93 | 16 | 590 | 2 | <0.01 | <5 | 7 | 133 | <20 | 0.29 |
| E679970 | | 1.23 | 20 | 0.55 | 468 | <1 | 1.67 | 13 | 620 | 3 | <0.01 | <5 | 7 | 109 | <20 | 0.30 |
| E679971 | | 1.64 | 30 | 0.77 | 612 | <1 | 2.04 | 22 | 680 | 9 | <0.01 | <5 | 10 | 177 | <20 | 0.41 |
| E679972 | | 2.35 | 20 | 0.89 | 516 | <1 | 1.83 | 27 | 640 | 11 | <0.01 | <5 | 12 | 186 | <20 | 0.42 |
| E679973 | | 1.78 | 20 | 0.85 | 456 | <1 | 1.92 | 22 | 610 | 9 | <0.01 | <5 | 10 | 136 | <20 | 0.33 |
| E679974 | | 2.97 | 20 | 1.28 | 660 | <1 | 1.48 | 36 | 700 | 9 | <0.01 | <5 | 16 | 161 | <20 | 0.46 |
| E679975 | | 1.68 | 10 | 0.70 | 528 | <1 | 1.91 | 18 | 530 | 4 | <0.01 | <5 | 8 | 164 | <20 | 0.31 |
| E679976 | | 1.57 | 10 | 0.82 | 589 | <1 | 1.70 | 21 | 580 | 3 | <0.01 | <5 | 8 | 140 | <20 | 0.31 |
| E679977 | | 2.59 | 10 | 1.31 | 834 | <1 | 1.58 | 33 | 700 | 15 | <0.01 | <5 | 13 | 136 | <20 | 0.41 |
| K686951 | | 2.96 | 20 | 1.30 | 650 | <1 | 1.40 | 33 | 570 | 9 | <0.01 | <5 | 15 | 99 | <20 | 0.40 |
| K686952 | | 3.16 | 20 | 1.05 | 836 | <1 | 1.48 | 45 | 1330 | 5 | <0.01 | <5 | 15 | 117 | <20 | 0.53 |
| K686953 | | 1.70 | 20 | 0.60 | 1105 | 2 | 0.64 | 19 | 260 | 9 | 1.20 | <5 | 9 | 112 | <20 | 0.20 |
| K686954 | | 3.67 | 20 | 1.32 | 677 | <1 | 1.36 | 31 | 690 | 167 | 0.02 | <5 | 13 | 160 | <20 | 0.45 |
| K686955 | | 3.01 | 20 | 1.16 | 693 | <1 | 1.40 | 23 | 560 | 68 | 0.03 | <5 | 11 | 156 | <20 | 0.40 |
| K686956 | | 3.07 | 20 | 1.36 | 798 | <1 | 1.26 | 30 | 750 | 41 | 0.02 | <5 | 14 | 122 | <20 | 0.42 |
| K686957 | | 1.90 | 10 | 0.98 | 672 | <1 | 2.14 | 26 | 600 | 21 | 0.03 | <5 | 12 | 174 | <20 | 0.38 |
| K686958 | | 1.39 | 30 | 0.15 | 186 | <1 | 2.02 | 11 | 310 | 8 | <0.01 | <5 | 7 | 110 | <20 | 0.15 |
| K686959 | | 1.52 | 20 | 0.36 | 158 | <1 | 1.72 | 13 | 360 | <2 | <0.01 | <5 | 7 | 146 | <20 | 0.20 |
| K686960 | | 1.43 | 10 | 0.29 | 123 | <1 | 1.46 | 11 | 290 | 10 | <0.01 | <5 | 6 | 268 | <20 | 0.16 |

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SUITE 701 - 220 PACIFIC HIGHWAY
CROWS NEST NSW 2065
AUSTRALIA


Finalized Date: 13-JUN-2011
Account: DDVGO

Project: TOUQUOY

# CERTIFICATE OF ANALYSIS TM11091358

| Sample Description | Method | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-ICP61 | ME-XRF05 | ME-XRF05 | ME-XRF05 | ME-XRF05 |
|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Tl | V | W | Zn | Bi | Ti | Y | Zr |
| | Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 10 | 1 | 10 | 2 | 4 | 5 | 2 | 2 |
| E679963 | | <10 | 50 | <10 | 35 | 7 | 2960 | 19 | 227 |
| E679964 | | <10 | 59 | <10 | 49 | 7 | 3220 | 27 | 209 |
| E679965 | | <10 | 60 | <10 | 27 | 6 | 3190 | 22 | 266 |
| E679966 | | <10 | 57 | <10 | 46 | 8 | 4300 | 27 | 379 |
| E679967 | | <10 | 52 | <10 | 33 | 7 | 3440 | 21 | 323 |
| E679968 | | <10 | 49 | <10 | 31 | 6 | 2910 | 17 | 204 |
| E679969 | | <10 | 53 | <10 | 30 | 6 | 2880 | 20 | 221 |
| E679970 | | <10 | 54 | <10 | 32 | 4 | 3080 | 19 | 221 |
| E679971 | | <10 | 70 | <10 | 48 | 6 | 4000 | 27 | 292 |
| E679972 | | <10 | 85 | <10 | 51 | 8 | 4100 | 25 | 205 |
| E679973 | | <10 | 63 | <10 | 51 | 7 | 3480 | 23 | 169 |
| E679974 | | <10 | 106 | <10 | 80 | 7 | 4790 | 27 | 176 |
| E679975 | | <10 | 58 | <10 | 40 | 6 | 2980 | 17 | 183 |
| E679976 | | <10 | 58 | <10 | 49 | 6 | 2990 | 18 | 206 |
| E679977 | | <10 | 86 | <10 | 78 | 4 | 4010 | 25 | 178 |
| K686951 | | <10 | 108 | <10 | 74 | 6 | 3980 | 25 | 158 |
| K686952 | | <10 | 101 | <10 | 75 | 7 | 5180 | 37 | 174 |
| K686953 | | <10 | 51 | <10 | 52 | 6 | 3650 | 26 | 257 |
| K686954 | | <10 | 94 | <10 | 113 | 7 | 4640 | 25 | 220 |
| K686955 | | <10 | 79 | <10 | 85 | 7 | 3930 | 22 | 209 |
| K686956 | | <10 | 95 | <10 | 83 | 7 | 4070 | 29 | 176 |
| K686957 | | <10 | 77 | <10 | 65 | 5 | 3990 | 23 | 169 |
| K686958 | | <10 | 43 | <10 | 26 | 7 | 2430 | 22 | 239 |
| K686959 | | <10 | 51 | <10 | 23 | 8 | 2680 | 18 | 198 |
| K686960 | | <10 | 43 | <10 | 17 | 6 | 2280 | 18 | 180 |

Final Statement

NOVA SCOTIA
Natural Resources

Map 21A6A
Refs.

## Form 10 - Statement of Assessment Work Expenditure
(pursuant to the *Mineral Resources Act*, S.N.S. 1990, c. 18, s. 43(1))

(Complete as necessary to substantiate the total claimed.)
Re: Licence No. 09044 Date of issue March 5, 2010

| | Type of Work | | Amount Spent |
|---|---|---|---|
| 1. | Prospecting | _____ days | |
| 2. | Geological mapping | _____ days | |
| 3. | Trenching/stripping/refilling | ____$m^2$ / ____$m^3$ | |
| 4. | Assaying & whole rock analysis | _____# | |
| 5. | Other laboratory | _____# | |
| 6. | Grid: | | |
| | (a) Line cutting | _____km | |
| | (b) Picket setting | _____km | |
| | (c) Flagging | _____km | |
| 7. | Geophysical surveys | | |
| | **Airborne:** | | |
| | (a) EM/VLF | _____km | |
| | (b) Mag or Grad | _____km | |
| | (c) Radiometric | _____km | |
| | (d) Combination | _____km | |
| | (e) Other _____ | _____km | |
| 8. | Geophysical surveys | | |
| | **Ground:** | | |
| | (a) EM/VLF | _____km | |
| | (b) Seismic soundings | _____# | |
| | (c) Magnetic/telluric | _____km | |
| | (d) IP/resistivity | _____km | |
| | (e) Gravity | _____km | |
| | (f) Other _____ | _____km | |
| 9. | Geochemical surveys | | |
| | (a) Lake, stream, spring (I) Water | _____samples | |
| | (II) Sediments | _____samples | |
| | (b) (I) Rock | 2 samples | 90.44 |
| | (II) Core | _____samples | |
| | (III) Chips | _____samples | |
| | (c) (I) Soil | _____samples | |
| | (II) Overburden | _____samples | |
| | (d) Gas | _____samples | |
| | (e) Biogeochemistry | _____samples | |
| | (f) Sample collection | _____samples | |
| | (g) Other _____ | 1 days | 439.18 |
| 10. | Drilling: | | |
| | (a) Diamond (# holes/m) | ____/____m | |
| | (b) Percussion (# holes/m) | ____/____m | |
| | (c) Rotary (# holes/m) | ____/____m | |
| | (d) Auger (# holes/m) | ____/____m | |
| | (e) Reverse circulation (# holes/m) | ____/____m | |
| | (f) Logging, supervision, etc. | _____days | |
| | (g) Sealing (# holes) | _____# | |
| 11. | Other (describe) _____ | | |
| | | RECEIVED FEB 17 '10 13:30 | |
| | **Subtotal** | | $529.62 |
| | **Overhead costs** | | |
| 12. | Secretarial services | | |
| 13. | Drafting services | | |
| 14. | Office expenses (rent, heat, light, etc.) | | |
| 15. | Field supplies | | 35.68 |
| 16. | Compensation paid to landowners | | |
| 17. | Legal fees | | |
| 18. | Other (describe) | | |
| | **Subtotal** | | $35.68 |
| | **Grand total** | | $565.30 |

List the names of the persons who conducted the work reported in the previous table and the dates during which the work was performed.

| Name | Address | Dates Worked |
|---|---|---|
| ALS Chemex | Timmins, Ont | June 13, 2011 |
| Dawn Toby | DOV 6.1d | May 6, 2011 |
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I hereby certify that the information in this form is true and correct, that it has not before been submitted for assessment work credit and that it is the total of all work conducted on the licence during the past licensed year.

As agent I am duly authorized to make this certification.
*(position in company or licensee)*

Dated at Halifax in the Province of N.S. on , 2012

Name and address of licensee: Ken Hiltz, 15 Cambridge Court, Stillwater Lake, N.S. B3Z 1G2

Signature Robert Murphy

**For further information, contact the Registrar of Mineral and Petroleum Titles at 1-902-424-4068.**