

**D.D.V. GOLD LTD**

**(NB Corporation #607520)**

**Whiteburn**

**Queens County**

**EL9042**

**(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**

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AUSTRALIA  
February, 2012**

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## 1 Summary

EL9042 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. The tenement is held by Mr Ken Hiltz and was explored by DDV Gold for the potential to host an open-pittable gold deposit.

During the current report period, two rock chip samples were collected and analysed and drill core from a hole drilled in 1982 by Whiteburn Precious Metals was examined and a single sample taken. One of the rock chip samples returned a weakly anomalous gold value of 14ppb demonstrating the presence of disseminated gold in the ankerite-altered greywacke host rocks. However, examination and sampling of diamond drill core from WH-82-3 suggests that the disseminated gold content will offer little support to the potential economics of open pit mining within EL9042 and quartz veining, at least within the drill hole is too widely spaced to support an open pit, particularly since gold grades in the quartz veins do not appear to be particularly high or continuous

Further exploration within EL9042 could focus on establishing good gold grade and continuity for one or more quartz veins.

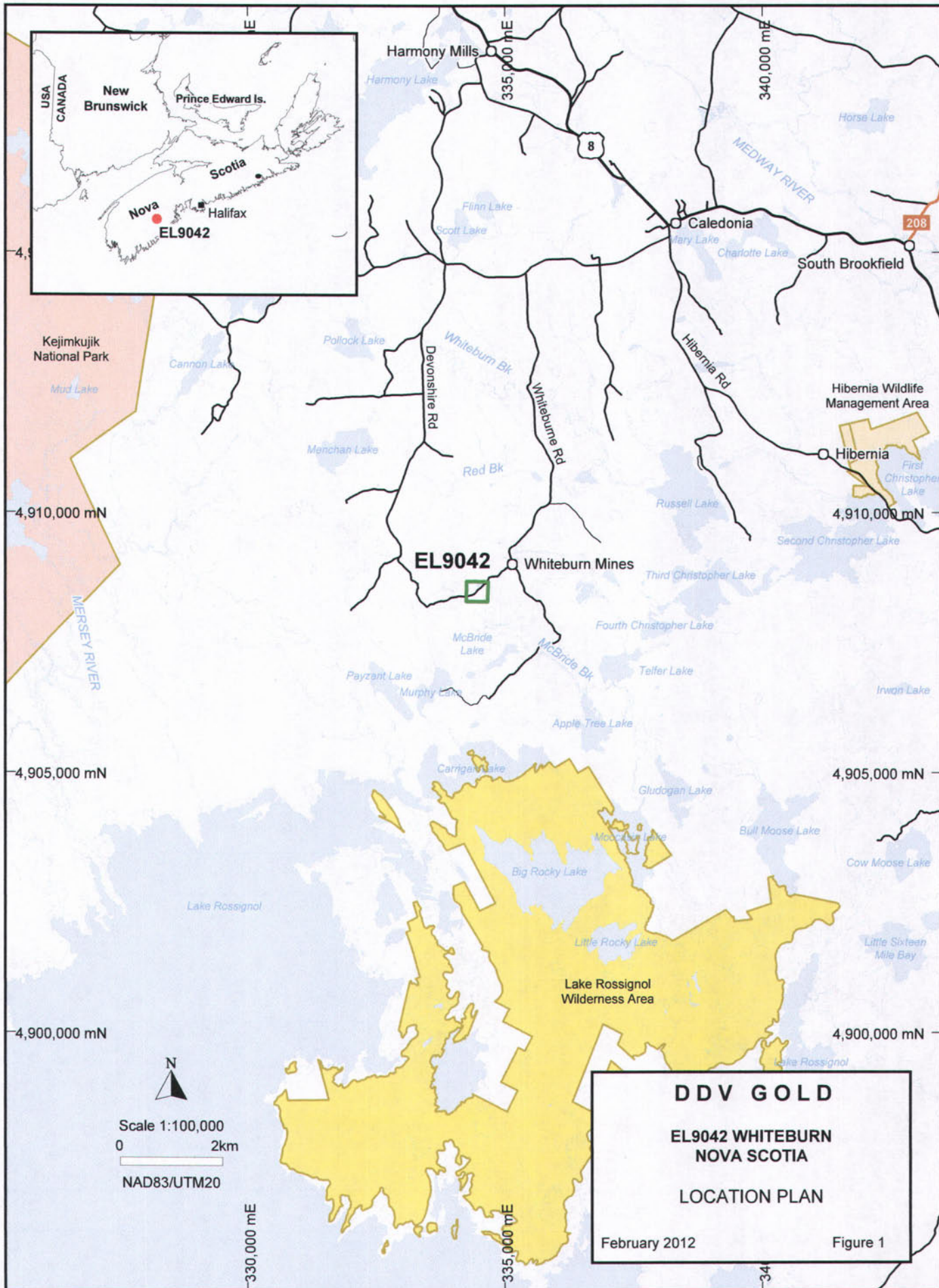
## **2 Introduction**

This report details exploration activities within Exploration Licence 9042 during the period from March 6<sup>th</sup>, 2011 to March 5<sup>th</sup>, 2012.

EL9042 is located 8.5km southwest of Caledonia in Queens County, Nova Scotia.

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.

During the current report period, field reconnaissance along with rock chipping was conducted within EL5897 and core from a hole drilled by Whiteburn Precious Metals in 1982 was examined and a single half-core sample taken.



### 3 Location and Access

EL9042 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

EL9042 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 \$
9042	DDV	5 Mar 10	21A6A	52	F	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 near historic workings. Sampling was done with a 2.5lb rock hammer and samples placed into numbered calico bags with corresponding ALS bar-coded sample tags. GPS coordinates for each sample were recorded in the NAD83 coordinate system. Samples were also tested for magnetic susceptibility using a Terraplus KT-10 Magnetic Susceptibility Meter.

These samples were then delivered to the ALS Chemex laboratory in Timmins 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.

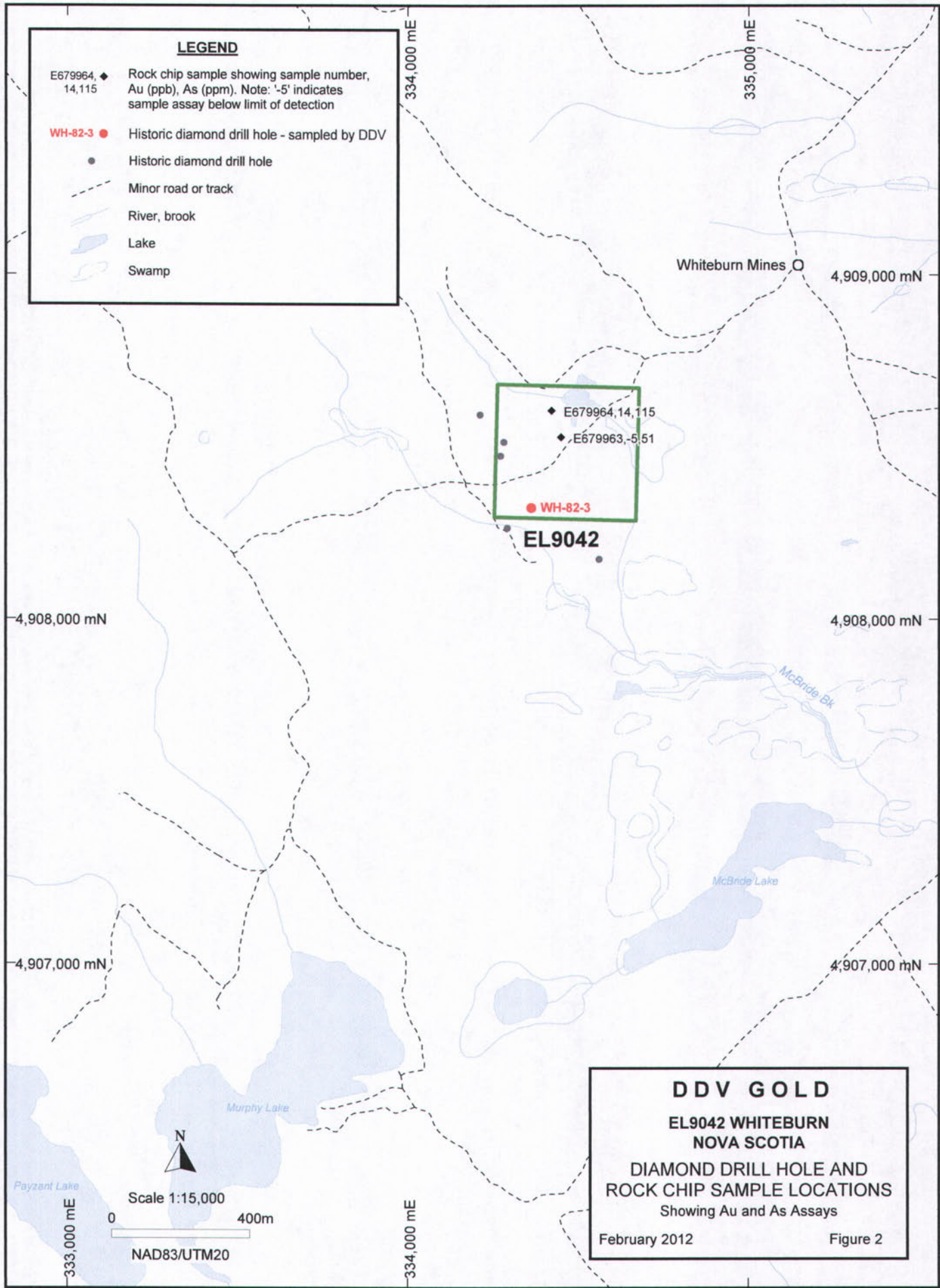
Each pulverised sample was analysed for gold via 30g fire assay with an AAS finish (Au-AA23) together with a suite of 33 elements via 4-acid digest and ICP-AES (ICP61) and with 4 elements via XRF (XRF-05) at the ALS facility in Vancouver

### **6.2 Samples**

A total of two samples were collected for analysis. Both samples were of strongly ankerite-altered greywackes with no quartz veining and no visible sulphides.

### **6.3 Results**

One of the rock chip samples (E679964) returned a gold value of 14ppb together with 115ppm arsenic and the other had a gold content below detection and 51ppm arsenic. The weakly anomalous gold value illustrates the pervasive nature of gold mineralization, albeit weak, in this area. Sample locations, together with gold and arsenic values are shown in Figure 2.



**LEGEND**

- E679964, 14,115 ◆ Rock chip sample showing sample number, Au (ppb), As (ppm). Note: '-5' indicates sample assay below limit of detection
- WH-82-3 ● Historic diamond drill hole - sampled by DDV
- Historic diamond drill hole
- - - Minor road or track
- ~ River, brook
- ▭ Lake
- ▭ Swamp

**DDV GOLD**  
**EL9042 WHITEBURN**  
**NOVA SCOTIA**  
**DIAMOND DRILL HOLE AND**  
**ROCK CHIP SAMPLE LOCATIONS**  
 Showing Au and As Assays  
 February 2012 Figure 2

Scale 1:15,000  
 0 400m  
 NAD83/UTM20



4,908,000 mN

4,908,000 mN

4,907,000 mN

4,907,000 mN

334,000 mE

335,000 mE

333,000 mE

334,000 mE

Whiteburn Mines

4,909,000 mN

**EL9042**

◆ E679964, 14,115

◆ E679963, -5,51

● WH-82-3

McBride Bk

McBride Lake

Murphy Lake

Payzant Lake

## **7 Historic Core Infill Sampling**

### **7.1 Rationale**

Core from five of the six diamond holes drilled at Whiteburn by Whiteburn Precious Minerals in 1982 is retained in storage at the Department of Natural Resources storage facility in Stellarton. Three of those holes were drilled within what is now EL9042 (Figure 2).

Drill core was examined from an open-pittable perspective, that is, are gold bearing quartz veins closely enough spaced that the grades can be considered in aggregate and/or is there a significant component of disseminated gold between quartz veins.

### **7.2 Methodology**

Drill core from WH-82-3 was retrieved from storage and laid out for examination. A strongly ankerite-altered interval was identified for sampling and core including that interval was aligned then sampled using a diamond-tipped core saw. The half core sample was placed into a numbered calico bag with corresponding ALS bar-coded sample tag.

The samples were then delivered to an ALS Chemex laboratory in Timmins by Midland Transport.

At the ALS Chemex facility, the sample was crushed to pass a 2mm screen and an approximately 200g subsample removed and pulverised to a nominal >85% passing 200 mesh (75µm).

An analytical split from each pulverised sample was analysed for gold via 30g fire assay (laboratory code AU-AA25) and for a multielement suite of 33 elements via aqua regia digest and ICP-AES (laboratory code ME-ICP61) and for the elements Ti, Zr, Y and Bi via XRF (laboratory code XRF-05)

### **7.3 Samples**

One half core sample (E445899) was taken representing the interval from 123.35 to 124.05m in WH-82-3.

## 7.4 Results

Quartz veins, irrespective of grade are quite widely spaced within WH-82-3, perhaps of the order of 5 to 10m. The potential from an open-pittable perspective is therefore dependent on the disseminated gold content between veins. Ankerite alteration is strong and pervasive within WH-82-3 but sulphides and any other possible indications of gold mineralization are sparse. The half core sample (E445899) was taken from some of the most intensely ankerite altered material within WH-82-3 but the gold content was less than the 5ppb detection limit. Arsenic content is slightly elevated at 157ppm.

## 8 Conclusions and Recommendations for Further Exploration

Rock chip sampling has shown that there is at least some disseminated gold in the host rock to the quartz veins exploited historically within EL9042. However, examination and sampling of diamond drill core from WH-82-3 suggests that the disseminated grades will offer little support to the potential economics of open pit mining within EL9042 and quartz veining, at least within the drill hole is too widely spaced to support an open pit, particularly since gold grades in the quartz veins do not appear to be particularly high or continuous

Further exploration within EL9042 could focus on establishing good gold grade and continuity for one or more quartz veins.

## **BIBLIOGRAPHY**

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## **Author's Certificates**

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**Qualifications:**     BSc (Earth Sciences) from the University of Waikato, New  
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                                  MSc (Earth Sciences) with 1<sup>st</sup> Class Honours from the  
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**Work Experience:**   23 years working for various companies in Australia, Chile,  
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                                  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, <i>et al</i>
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	MRRR "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
<b>Structure</b>		chalcopyrite	cp.	graphite	gr.	<b>Sed. Feature</b>	
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.	<b>General</b>		garnet	gt	Insufficient Sample	IS
cleavage	cv.	core-axis	c/a	andalusite	at	No Sample	NS

**Appendix 2**  
**Geochemical Drill Logs**

Tenement	EL9042	Prospect	Whiteburn	Date	06-May-11	Sample #	E679963	
Nom.	N	E Surv.	4908529 N		334450 E	Type	Rock Chip	
Lith	GW	Carb	4	Strat.	Mag sus	11	Lab	ALS
Company	DDV Gold	Logged by	Diane Smeltzer/Dawn Tobey			Lab report	TM11091358	
Sample Description	GW; grey/grn, fg; strong dis carbonate alteration (ankerite); mod silic; no vis sulphides; no qv's					Gold assay method	Au-AA23	
Site description	Old working in forested area; 1 m chip sample across							

Au (ppb)	-5	Bi (ppm)	7	Ga (ppm)	10	Na (%)	1.84	Sr (ppm)	159
Ag (ppm)	-0.5	Ca (%)	0.15	Hg (ppm)		Ni (ppm)	16	Ti (%)	0.296
Al (%)	5.89	Cd (ppm)	-0.5	K (%)	1.58	P (ppm)	470	Tl (ppm)	-10
As (ppm)	51	Co (ppm)	5	La (ppm)	20	Pb (ppm)	12	U (ppm)	
B (ppm)		Cr (ppm)	48	Mg (%)	0.63	S (%)	0.01	V (ppm)	50
Ba (ppm)	430	Cu (ppm)	5	Mn (ppm)	304	Sb (ppm)	-5	W (ppm)	-10
Be (ppm)	1.4	Fe (%)	2.49	Mo (ppm)	1	Sc (ppm)	8	Zn (ppm)	35

Tenement	EL9042	Prospect	Whiteburn	Date	06-May-11	Sample #	E679964	
Nom.	N	E Surv.	4908606 N		334422 E	Type	Rock Chip	
Lith	GW	Carb	4	Strat.	Mag sus	10	Lab	ALS
Company	DDV Gold	Logged by	Diane Smeltzer/Dawn Tobey			Lab report	TM11091358	
Sample Description	GW; gry/grn, fg; strong ankerite alt'n (dis), mod sil'c; no sulphides vis; no qv's					Gold assay method	Au-AA23	
Site description	Old working in forested area; can't get chip samples							

Au (ppb)	14	Bi (ppm)	7	Ga (ppm)	20	Na (%)	1.86	Sr (ppm)	170
Ag (ppm)	-0.5	Ca (%)	0.26	Hg (ppm)		Ni (ppm)	28	Ti (%)	0.322
Al (%)	6.05	Cd (ppm)	-0.5	K (%)	1.59	P (ppm)	770	Tl (ppm)	-10
As (ppm)	115	Co (ppm)	15	La (ppm)	30	Pb (ppm)	12	U (ppm)	
B (ppm)		Cr (ppm)	50	Mg (%)	0.76	S (%)	0.01	V (ppm)	59
Ba (ppm)	450	Cu (ppm)	16	Mn (ppm)	790	Sb (ppm)	-5	W (ppm)	-10
Be (ppm)	1.5	Fe (%)	2.92	Mo (ppm)	-1	Sc (ppm)	8	Zn (ppm)	49

**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**



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To: DDV GOLD LIMITED (ATLANTIC GOLD NL)  
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 AUSTRALIA

Page: 1  
 Finalized Date: 6-MAR-2011  
 Account: DDVGO

**CERTIFICATE TM11024642**

Project: TOUQUOY  
 P.O. No.: DDV-606  
 This report is for 16 Drill Core samples submitted to our lab in Timmins, ON, Canada on 16-FEB-2011.  
 The following have access to data associated with this certificate:


WALLY BUCKNELL ROBERT MURPHY	JULI FIDLER 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
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  
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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



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Page: 2 - A  
 Total # Pages: 2 (A - C)  
 Finalized Date: 6-MAR-2011  
 Account: DDVGO

Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11024642**

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA23	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	
		Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
		kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
		0.02	0.005	0.5	0.01	5	10	0.5	2	0.01	0.5	1	1	1	0.01	10
E445887		1.24	<0.005	1.0	9.25	20	920	2.3	<2	0.35	<0.5	22	108	171	7.01	30
E445888		1.17	<0.005	<0.5	8.48	39	690	2.2	2	0.84	<0.5	25	96	161	6.48	20
E445889		1.51	<0.005	<0.5	8.93	101	830	2.2	<2	0.67	<0.5	25	75	128	5.52	20
E445890		0.74	<0.005	<0.5	4.01	646	350	0.8	6	0.28	<0.5	10	33	109	3.02	10
E445891		1.32	<0.005	<0.5	9.12	654	790	2.0	2	0.96	<0.5	19	67	267	5.93	20
E445892		1.76	<0.005	<0.5	6.76	598	260	1.3	<2	2.11	<0.5	15	72	44	4.18	20
E445893		1.28	<0.005	<0.5	7.32	85	260	1.6	<2	2.04	<0.5	13	72	34	4.33	20
E445894		0.58	<0.005	<0.5	7.98	55	700	1.8	<2	1.14	<0.5	23	78	66	5.25	20
E445895		0.69	<0.005	<0.5	9.06	98	920	1.8	<2	0.74	<0.5	28	102	128	6.26	20
E445896		0.69	0.007	<0.5	8.54	18	990	1.7	<2	0.90	<0.5	29	74	86	6.06	20
E445897		0.63	<0.005	<0.5	8.26	26	760	1.7	<2	1.25	<0.5	25	82	65	5.66	20
E445898		0.68	<0.005	0.5	7.47	22	420	1.3	<2	1.66	<0.5	22	83	120	4.95	20
E445899		0.75	<0.005	<0.5	8.61	157	720	2.3	<2	0.80	<0.5	15	73	27	4.80	20
E445900		2.99	0.008	0.6	4.91	419	320	1.0	<2	1.27	<0.5	8	39	37	2.26	10
E445901		1.56	<0.005	<0.5	5.26	14	340	1.0	<2	0.95	<0.5	6	37	7	2.53	10
E445902		1.95	<0.005	<0.5	6.87	23	470	1.7	<2	0.82	<0.5	11	50	21	3.26	10



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Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11024642**

Sample Description	Method Analyte Units LOR	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	
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Tl %
		0.01	10	0.01	5	1	0.01	1	10	2	0.01	5	1	1	20	0.01
E445887		3.14	20	1.78	1500	4	1.12	57	540	129	1.05	<5	22	101	<20	0.60
E445888		2.56	20	1.71	1605	2	1.20	57	550	18	1.07	<5	19	125	<20	0.55
E445889		2.95	30	1.77	1570	<1	0.80	54	470	8	0.21	<5	19	89	<20	0.50
E445890		1.22	10	0.92	855	<1	0.26	21	210	9	0.13	<5	8	31	<20	0.22
E445891		2.96	30	1.76	1360	<1	1.05	38	450	29	0.47	<5	19	87	<20	0.47
E445892		1.37	20	1.15	694	<1	1.72	28	630	13	0.37	<5	14	184	<20	0.47
E445893		1.41	20	1.46	948	<1	2.36	33	620	8	0.11	<5	14	126	<20	0.46
E445894		2.57	20	1.49	970	5	1.14	61	460	24	0.99	<5	16	115	<20	0.46
E445895		3.29	20	1.78	1040	7	0.76	82	510	23	1.18	<5	21	79	<20	0.57
E445896		3.18	30	1.54	1230	7	1.17	62	530	17	1.80	<5	18	122	<20	0.49
E445897		2.70	20	1.62	1070	3	1.53	59	560	15	1.24	<5	17	158	<20	0.51
E445898		1.43	20	1.45	1185	<1	2.59	42	610	264	0.32	<5	17	173	<20	0.55
E445899		2.96	30	1.44	709	<1	1.65	43	810	7	0.07	<5	14	179	<20	0.46
E445900		1.14	20	0.52	546	<1	1.78	16	510	4	0.22	<5	6	201	<20	0.29
E445901		1.24	20	0.70	472	<1	1.72	17	490	<2	0.03	<5	6	182	<20	0.26
E445902		1.87	30	0.96	560	<1	1.95	26	640	5	0.01	<5	10	206	<20	0.36



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Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11024642**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF05	ME-XRF05	ME-XRF05	ME-XRF05
		Tl	V	W	Zn	Bi	Tl	Y	Zr
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		10	1	10	2	4	5	2	2
E445887		<10	156	<10	183	8	5350	31	165
E445888		<10	133	<10	108	7	4570	32	179
E445889		<10	107	10	107	7	4320	32	183
E445890		<10	45	20	57	18	4270	30	175
E445891		<10	104	<10	106	7	4070	32	184
E445892		<10	103	<10	72	9	4310	25	167
E445893		<10	103	<10	124	5	4170	24	152
E445894		<10	114	<10	102	5	4760	32	169
E445895		<10	153	<10	140	5	5850	33	176
E445896		<10	130	<10	152	5	4390	38	247
E445897		<10	123	<10	134	4	4560	31	183
E445898		<10	124	<10	246	8	5010	25	168
E445899		<10	93	<10	92	7	4010	30	195
E445900		<10	45	<10	22	4	2430	19	226
E445901		<10	44	<10	34	4	2380	19	191
E445902		<10	69	<10	50	<4	3160	24	200



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**AUSTRALIA**

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**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  
 ROBERT MURPHY

JULI FIDLER  
 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



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Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11091358**

Sample Description	Method Analyte Units LOR	WEI-21	AU-AA23	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
		Recvd Wt. kg	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm
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	6.08	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



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Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11091358**

Sample Description	Method Analyte Units LOR	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
		K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Tl %
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	458	<1	1.92	22	610	9	<0.01	<5	10	136	<20	0.33
E679974		2.67	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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Project: TOUQUOY

**CERTIFICATE OF ANALYSIS TM11091358**

Sample Description	Method Analyte Units LOR	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-XRF05	ME-XRF05	ME-XRF05	ME-XRF05
		Tl	V	W	Zn	Bi	Tl	Y	Zr
		ppm 10	ppm 1	ppm 10	ppm 2	ppm 4	ppm 5	ppm 2	ppm 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	286
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	106	<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

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. 09042 Date of issue March 5, 2010

R

Type of Work		Amount Spent
1. Prospecting		
2. Geological mapping	_____ days	
3. Trenching/stripping/refilling	_____ days	
4. Assaying & whole rock analysis	_____ m <sup>2</sup> / _____ m <sup>3</sup>	
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	_____ samples	
(ii) Core <u>Historic Core</u>	2 _____ samples	90.99
(iii) Chips	_____ samples	
(c) (i) Soil	_____ samples	
(ii) Overburden	_____ samples	
(d) Gas	_____ samples	
(e) Biogeochemistry	_____ samples	
(f) Sample collection	_____ samples	
(g) Other	2 _____ days	956.98
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.	_____ / _____ m	
(g) Sealing (# holes)	_____ / _____ days	
11. Other (describe)		
<u>Accom &amp; Misc</u>		1145.61
Subtotal		1492.97
Overhead costs		
12. Secretarial services		
13. Drafting services		
14. Office expenses (rent, heat, light, etc.)		
15. Field supplies		
16. Compensation paid to landowners		17.99
17. Legal fees		
18. Other (describe)		
Subtotal		17.99
Grand total		1510.96

