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**REPORT ON 2006 DIAMOND DRILLING**

BEATTY WEST  
BEATTY TOWNSHIP

L-1187341, L-1245321, L-1245322, (P-10629) G-8080155

LARDER LAKE MINING DIVISION

NTS 42A/9W

UTM 543,955E; 5,377,825N

William Randall  
April 21, 2006

*William Randall*



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## **INTRODUCTION**

A total of 311 meters was drilled in one hole between April 9, 2006 and April 18, 2006. The drilling was undertaken by Norex Drilling Limited of Timmins, Ontario using NQ diamond drilling equipment. The core was picked up at the drill site daily and brought back to St. Andrew Goldfields exploration office and logged by William Randall. Final logs and sections were prepared.

## **LOCATION AND ACCESS**

The Beatty West property (Figure 1 & 2) is in the southwest corner of Beatty Township and includes three claims and one patent. The westernmost claim and patent are owned by St Andrew Goldfields Ltd, the contiguous eastern claims are owned by the Porcupine Joint Venture (PJV), 51% Placer Dome (CLA) and 49% Kinross Gold Corporation and are under option to St Andrew Goldfields Ltd. Access to the drill site was via a 1.2 km trail south from Copper Road. Copper Road can be accessed via Diamond Road which intersects Highway 101 approximately 3 km east of Matheson. The drill program was carried out on claims L-1187341, L-1245321, L-1245322, and (P-10629) G-8080155.

## **PERSONNEL**

Person responsible for this report and core logging:

William Randall

C/O St. Andrew Goldfields Inc  
RR # 2  
Matheson, ON  
P0K 1N0

Supervisor, core logging

William Randall  
St. Andrew Goldfields

Pickup, and helper

Dan Dunstan  
St. Andrew Goldfields

The drilling was carried out by:

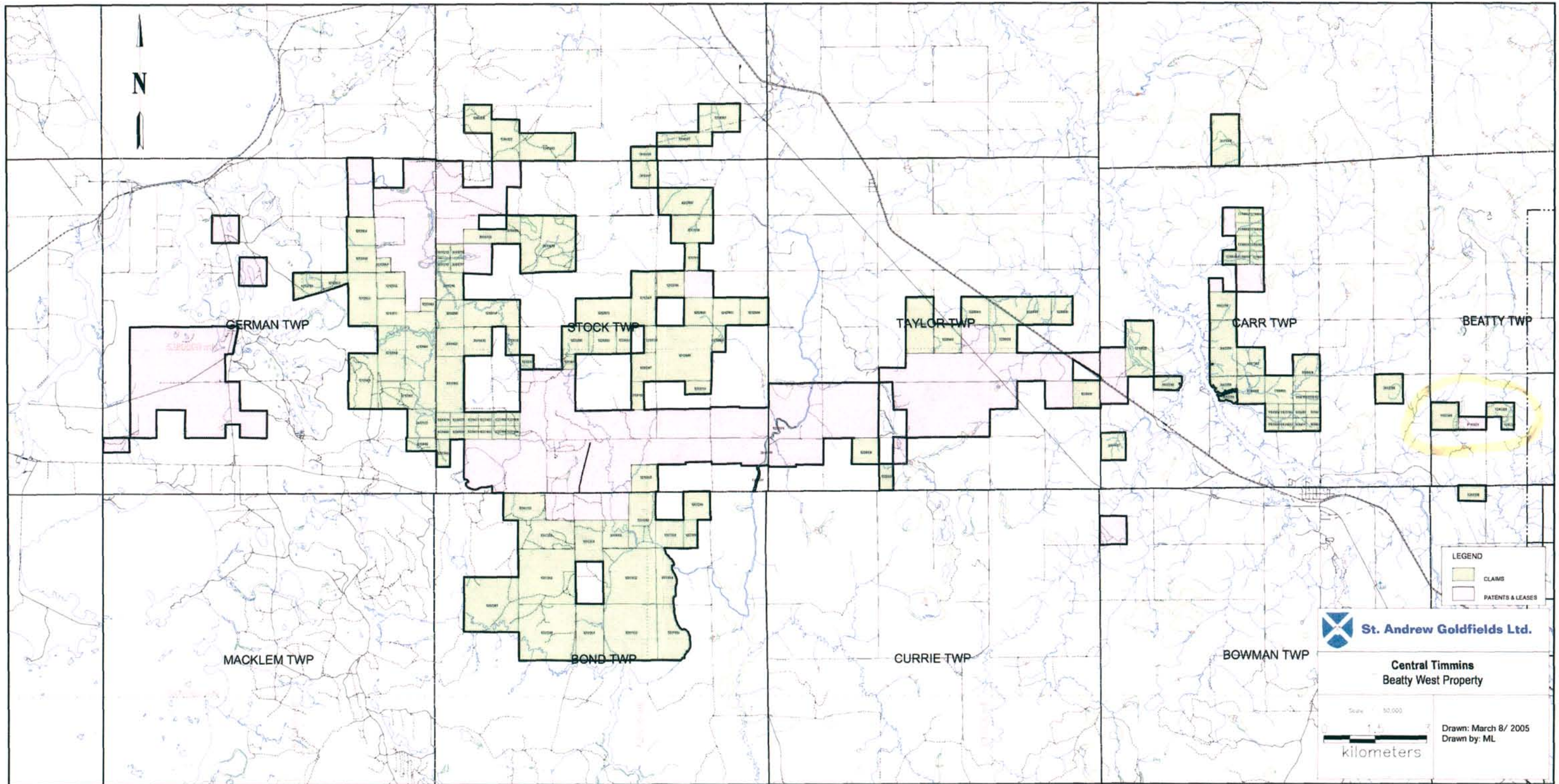
Norex Drilling Limited  
Timmins, ON.

## **HISTORIC WORK**

Prior to current drilling St Andrew Goldfields Ltd undertook soil sampling and/or soil geochemistry on all of the claims in the summers of 2003 & 2005, including grid establishment and line cutting. Prior drilling by other companies includes 4 diamond drill holes by Hollinger of which 2 were carried out on claims L-1245321 & L-1245322. Pamour and Asarco report reverse circulation drilling in 1987 & 1988 respectively; Pamour also completed one diamond drill hole B87-4 totaling 131m in Lot 3 Concession 1. In 1982, 1985 Parsons completed ground magnetic surveys and in 1991 undertook 81m of diamond drilling.

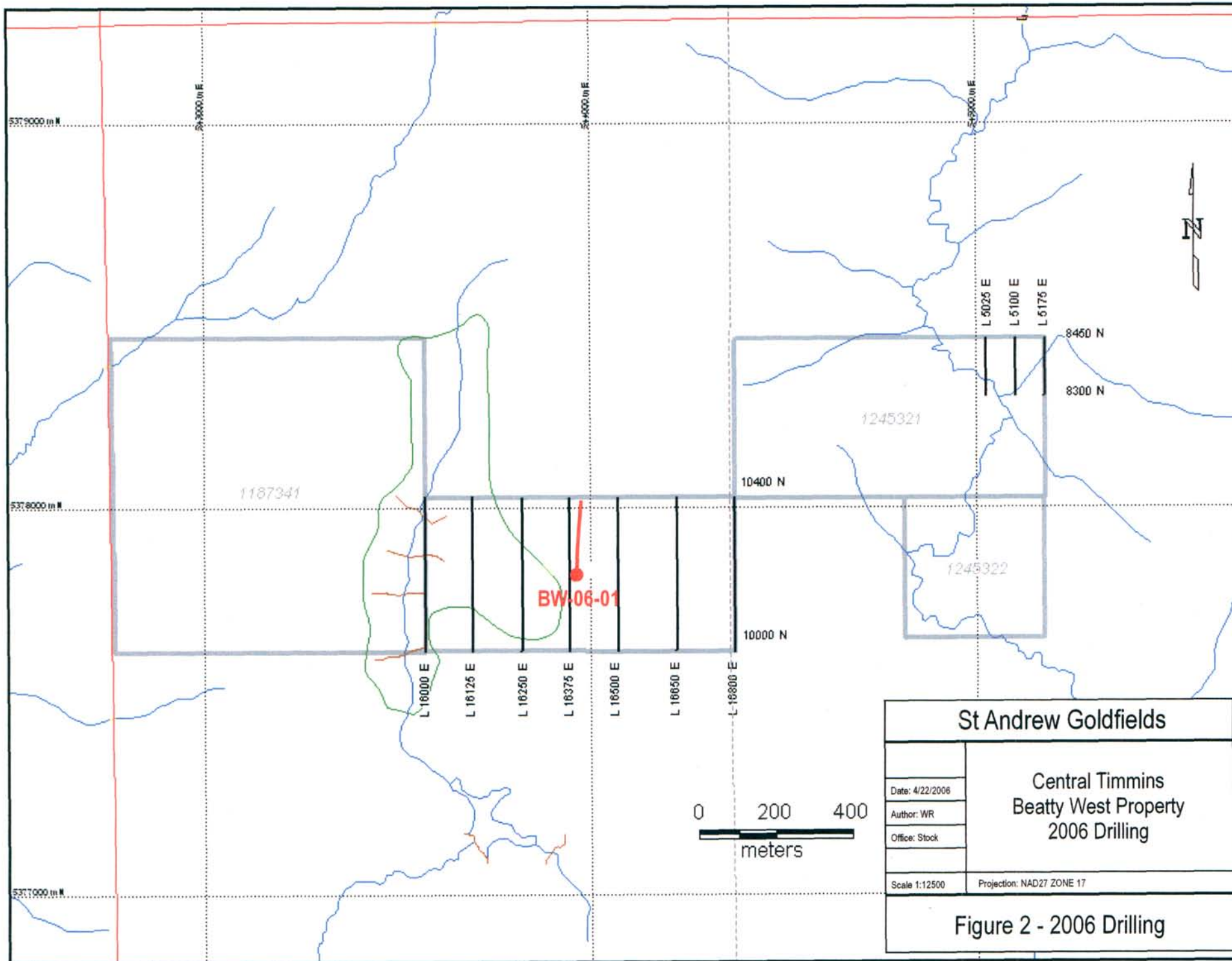
## **SUMMARY OF DRILLING**

A total of 311 meters of diamond drilling was drilled in one hole between April 9, 2006 and April 18, 2006, using NQ equipment. The drill logs and sections are appended.



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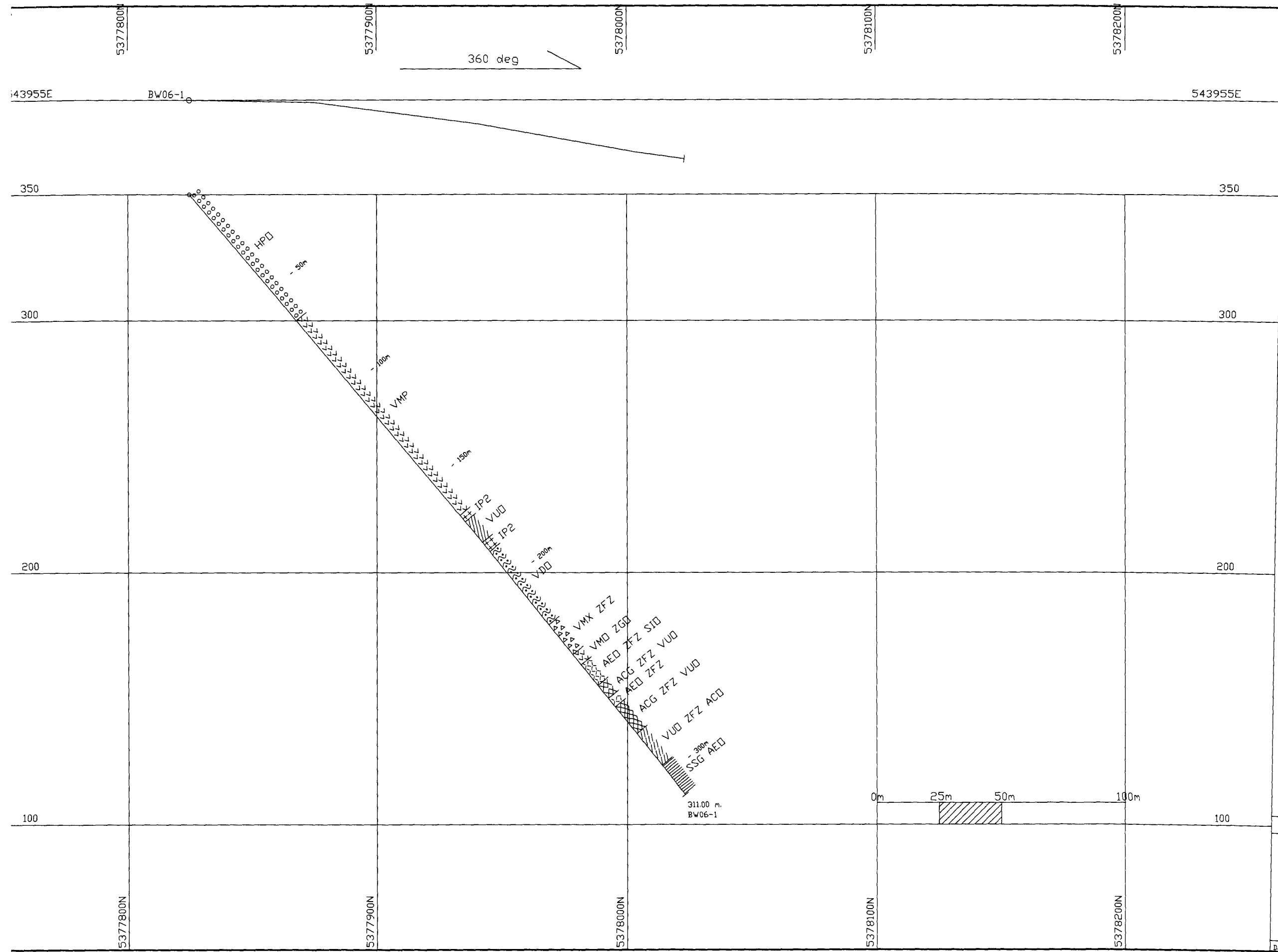




**BW-06-01**



<b>St Andrew Goldfields</b>	
Date: 4/22/2006 Author: WR Office: Stock	<b>Central Timmins          Beatty West Property          2006 Drilling</b>
Scale 1:12500	Projection: NAD27 ZONE 17
<b>Figure 2 - 2006 Drilling</b>	



- Geological Legend:
- HPD Overburden
  - SID Fine Grained Sediment
  - SSG Greywacke
  - VMD Mafic Volcanic
  - VMX Mafic Volcanic Breccia
  - VMP Pillowed Mafic Volcanic
  - VUD Ultramafic Volcanic
  - VDD Diorite
  - IP2 Quartz Feldspar Porphyry
  - ZFZ Fault Zone
  - ZGD Fault Gouge
  - AED Sericite Alteration
  - ACG Green Carbonate Alteration
  - ACD Carbonate Alteration

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ST ANDREW GOLDFIELDS LTD  
 BEATTY WEST  
 SECTION 543955E  
 P10629 - G-8080155  
 DATE: 06/04/21 SCALE: 1/1500

## **APPENDIX A**

### **DIAMOND DRILL LOGS**





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St Andrew Goldfields Ltd. DRILLHOLE SUMMARY REPORT

BW-06-01

Hole ID: BW-06-01

Property: Beatty West

PROJECT: Regional SAG  
 TENEMENT: P10629 G-8080155  
 GRID: UTM  
 LOCATION: Central Timmins  
 NTS MAP  
 REFERENCE: 42A/9  
 ORIGINAL ID:

Reference	Easting	Northing	Azimuth	Core size:	NQ	Drill Contractor:	Norex Drilling Ltd.
Local:				Core storage:	Stock Mine	Drill Rig:	
UTM:	543,955.00	5,377,825.00	360.0	# of Boxes:	59	Date Started:	4/9/2006
Local units:	meter (m)			Casing length:	66	Date Finished:	4/18/2006
Elevation (local)	Elevation (masl)	Inclination:	-50.0			Logged By:	Will Randall
350.00	350.00	Start Depth:	0.00			Relogged By:	
		Final Depth:	0.00			Sampled By:	George Ross

Purpose: Test PDdz and associated mag anomaly  
 Remarks: Logged 4/12/2006 to 4/19/2006  
 Gear left: Casing left in

*** Downhole Survey Data ***				
Depth	Survey method	Azimuth		Dip
		True	Local	
0.00	Brunton	360.0	0.0	-50
77.00	Reflex	2.2	13.2	-49
179.00	Reflex	12.7	23.7	-50
281.00	Reflex	7.5	18.5	-51

*Will Randall*

BW-06-01			GEOLOGICAL CORE LOG					POINT FTRS		ASSAYS			
Depth(m)		Major Units						Alteration			feature	value	Sample ID
from	to	U1	U2	U3	Style	Type	Intns.	DESCRIPTION					
0.00	65.80	HPO						Overbuden					
65.80	167.40	VMP						Fine to med-grained, grey, homogeneous mafic volcanic with pillow structures. Carb veining, plus occasional qtz vein; weak alteration along pillow interfaces, otherwise unaltered; weak mineralization associated with some veins.					
	76.70	79.75				QVO	ZFZ	Quartz flooding, silicification of host volcanics associated with broken, weathered, carb-rich fault zone. Sporadic mineralization (Py).					
	118.20	118.70				ISO	Syenite dyke: pink, medium to fine grained w/ no associated mineralization. Similar smaller (5-15cm) veins at 150.6 & 157.1m.						
167.40	170.70	IP2						Quartz-felspar porphyry dyke. Phenocrysts ranging from 1-3mm, 10-20% modal abundance; groundmass fine to med grained, felsic. Some hematite, otherwise fresh. Euhedral large pyrite crystals trace to minor. Contacts sharp, intrusive, 30-40 dtCA.					
170.70	181.45	VUO						Fine-grained, black-green, ultramafic w/ abundant carb veinlets; chloritized towards upper contact. Higher mag susceptibility than previous mafic unit.					
181.45	186.15	IP2						Quartz-feldspar porphyry dyke. Phenocrysts ranging from 1-5mm, 10-30% modal abundance; groundmass med grained, felsic. Unit reintruded by fine-grained dyke (182.15-183.4m) of similar composition - or possibly mafic dyke that has assimilated host felsic intrusion. Euhedral large pyrite crystals trace to minor					
186.15	223.80	VDO						Gabbro/diorite: med to coarser grained, light greenish-grey, diorite or gabbro. Probably massive flow associated with previous pillowed volcanics. Some ductile deformation, hematization, carbonate alteration and sulphide enrichment (213.7m), as well as in-situ brecciation, towards lower contact and major fault zone.					
	198.10	198.60				IP2	Fine grained quartz-feldspar porphyry. Trace Py.						
223.80	239.10	VMX ZFZ						Brecciated (mostly in-situ) mafic unit with carbonate veining and hematite enrichment + occasional shear zone (clay) mostly towards UC. Minor sulphides. Outer fringes of major fault zone.					
239.10	244.40	ZGO VMO						Fault gouge in mafic volcanics ~60-70 dtCA. Mostly clay, also cataclasite, and qtz vein. Carbonate breccia within fault gouge. No visible sulphides.					
244.40	255.00	AEO	ZFZ	SIO				Fine grained, reddish brown to light green, pervasively altered (sericite and qtz-carb) finely laminated (shearing ~80 dtCA + poss primary bedding 70 dtCA) fault zone w/ some ductile def - primary bedding suggests argillite? Strongly mineralized fine qtz-ank veinlets common. Abundant sulphide: 1-7% Py along laminations, fine to med grained; minor Cpy. UC contains syenitic intrusion pervasively sheared 10% diss Py. LC sharp.					
255.00	261.70	ACG	ZFZ	VUO				Continuation of fault zone: green carbonate (fuchsitic carbonate) probably resulting of pervasive alteration of ultramafic protolith within fault zone. Minor qtz-ank veining; trace mineralization.					

BW-06-01							GEOLOGICAL CORE LOG			POINT FTRS		ASSAYS		
Depth(m)		Major Units			Alteration					feature	value	Sample ID	Au (gpt)	Au (opt)
from	to	U1	U2	U3	Style	Type	Intns.	DESCRIPTION						
261.70	266.06	AEO	ZFZ					Sheared (~70-80 dtCA) and pervasively altered continuation of major fault zone - sericite and carb alteration - protolith interpreted as zone of syenite intrusions (felsic, fine grained, pink) hosted by small sedimentary package (sericitic, light brown, laminated). Reapparition of Py (1-7% stratabound) within interp sedts plus extremely finely diss Py in felsic sections.						
266.06	279.75	ACG	ZFZ	VUO				Green carbonate (fuchsitic carbonate alteration) within continuation of major fault zone. Interpreted ultramafic protolith - some qtz-ank veining (no sulphides) and trace mineralization. LC gradational - denoted by gradual disappearance of fuchsite.						
279.75	296.00	VUO	ZFZ	ACO				Pervasively altered (carbonate) and sheared ultramafic resulting in fine intercalations of carbonate and chloritic compositionally mafic-rich horizons (~80-90 dtCA) consistently crosscut by irregular carbonate +/- qtz veins, generally perpendicular to CA. Trace sulphides. LC obscured by alteration and deformation.						
296.00	311.00	SSG	AEO					Fine to med grained, dull grey to green tinted, laminated (~70 dtCA) greywacke subjected to varying degrees of sericitic alteration ranging from very weak to moderate. Some qtz-ank veining, sometimes weakly mineralized ~1% fg Py. Unit is pyritic consisting of 1-3% diss fg py + cg cubic py fracture infill. Last meter exhibiting compositional change (more mafic?) and increased deformation including folding.						