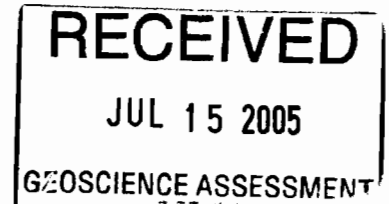


**REPORT ON DRILL HOLE A-05-07  
FOR  
ARGENT RESOURCES INC.**

**2.30255**

**POLK GEOLOGICAL SERVICES  
JULY 2005**



## **REPORT ON DRILL HOLE A-05-07**

### **Introduction**

In the winter of 2005 a battery of drill holes (Argent Resources Phase II drilling) were drilled on a leased mining claim (P57486) with a known and previously drilled gold ore zone in Tully Twp. Credit for one of these proprietary drill holes is to be applied to contiguous claims 3010236 and 3010237, both staked claims in Tully Twp.

Drill hole A-05-07 is 323.0m in length and was drilled between the dates of April 18, 2005 and April 22, 2005 by Bradley Brothers drilling of Timmins, On. The project was overseen by W.O. Karvinen of 870 Jumbo Rd., Wahnipitae, On. The QP (Qualified Person) for the work is John Harrop of Vancouver, B.C. Core was logged in Timmins, On. by Brian K. Polk of 376 Patricia Blvd., Timmins, On. P4N 6Y6 between April 23, 2005 and May 01, 2005

The report is authored by Polk Geological Services of Timmins, On., agent for Black Pearl Minerals and W.O. Karvinen of Sudbury, On., senior geologist for Argent Resources. The report was completed July 12, 2005.

### **Access**

The Nickel Offsets Property is located in the southwestern portion of Tully Township. The property is located approximately 40 km north-northeast of Timmins, Ontario. Road access to the property is via Highway 655 and an all-weather gravel road that turns east off Highway 655, 11 km north of the Kidd Creek Mine access road. Access from the eastern end of this 14 km gravel road to the property is via a drill road 2.5 km to the south. See Figure 1

### **Property Description and Location**

The original Property consists of Lease #106606 (formerly #102554), Parcel #469 leasehold, equivalent to 16 contiguous claim units covering 645.0 acres (261 ha) located in Lots 10 and 11, Concessions I and II, Tully Township, Porcupine Mining Division, District of Cochrane, Ontario. The lease includes both surface and mining rights, is in good standing, and is renewable for a further 21 years on or before May 31, 2013. Black Pearl Minerals Inc. is the recorded owner of the lease. The list of leased claims include; P57463 and 464, P57467 and 468, P57471 to 476 inclusive, P57479 and 480, P57485 and 486 and P102250 and 251. Additional claims, 3010236 and 3010237, acquired by staking are located immediately to the southwest of the Property and bring the total number of claim units to 22.

Black Pearl acquired an option to purchase the Asquith Resources Inc. 100% interest in the property on July 31, 1996 and has since become vested. In February 2002 Black Pearl acquired a 1.5% net smelter royalty held by Asquith by the issuance of common shares of Black Pearl. Talisman Energy Inc. successor to BP Resources Canada Limited (Selco Division) holds a 5% net profits interest in the property. Negotiations are in progress to acquire this net profits interest. See Figure 2

### **Summary of Exploration and Development Work.**

McIntyre Porcupine Mines Ltd. originally discovered gold on the property in 1969 while drilling a nearby graphitic conductor during base metal exploration. The company had optioned the property from Nickel Offsets Limited in 1965 for the purpose of testing conductors identified earlier by an airborne survey. In the drilling, McIntyre intersected coarse gold in quartz-ankerite veins within a variably carbonatized, 30 to 50 meter thick, mafic tuff sequence, sandwiched between a thick sequence of steeply dipping sediments to the north and komatiitic ultramafics to the south. Twenty-one drill holes, totalling 4,400 meters, were put down to test the tuff a distance of some 425 meters along its east-west strike. All drilling was from north to south, except for one, which was sub-vertical. Although visible gold was common in the veins intersected by the B size core, assays returned erratic and variable values making it difficult to correlate ore-grade gold intersections from hole to hole. Twelve of the 21 holes encountered visible gold. Veins were intersected for over 300 meters along strike and to depths of approximately 200 meters. McIntyre dropped the option on the property in 1979.

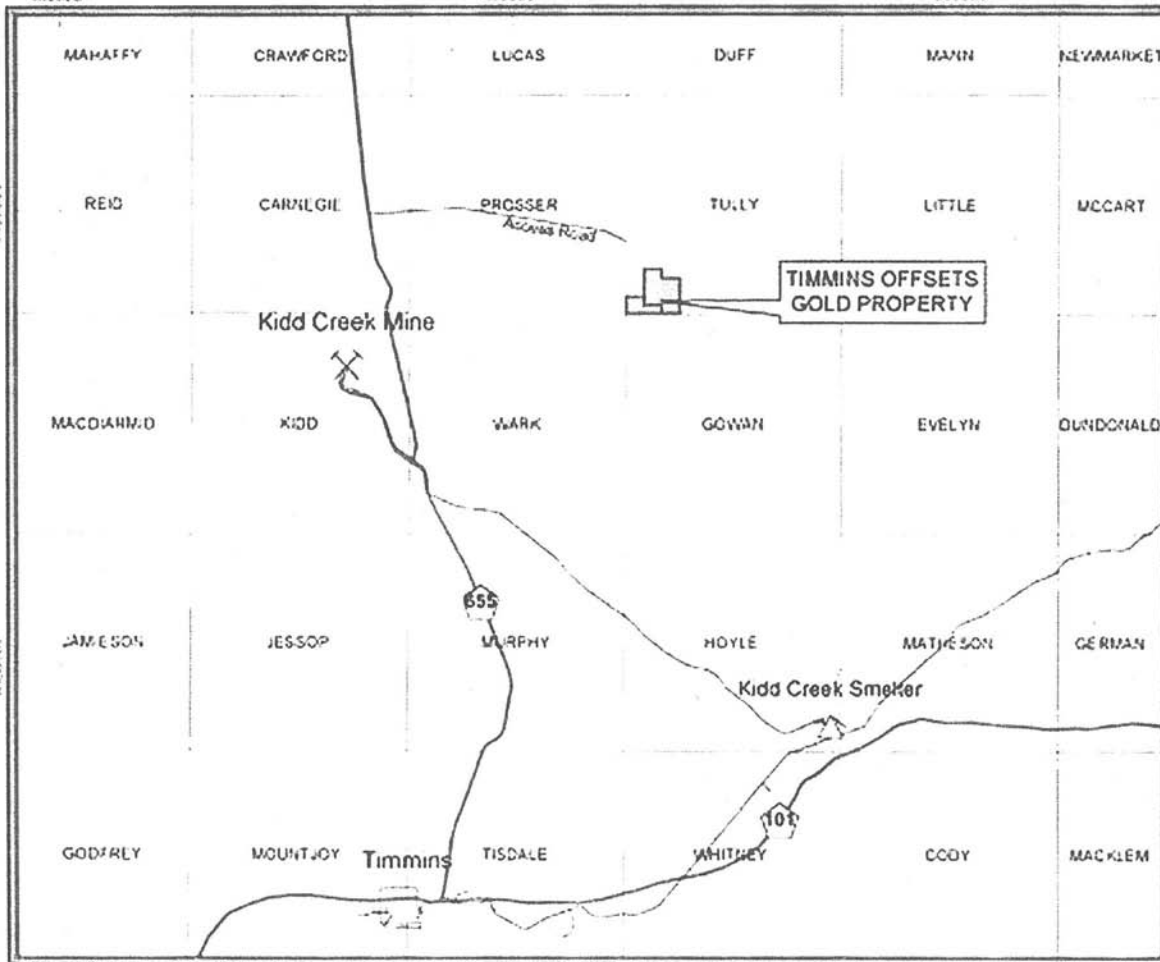
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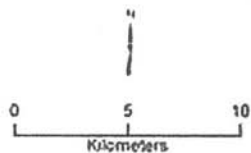
5407000



## TIMMINS OFFSETS GOLD PROPERTY



### FIGURE 1 PROPERTY LOCATION



Prepared by: W.G. Kummer & Associates Ltd.

Date: September 8, 2008

485000<sup>0</sup>

486000<sup>0</sup>

487000<sup>0</sup>

LOT 12, CON 2

LOT 11, CON 2

LOT 10, CON 2

LOT 9, CON 2

P57484

P57483

P57488

P57487

P57476

P57475

P57486

P57485

P57473

P57474

LOT 12, CON 1

LOT 11, CON 1

LOT 10, CON 1

LOT 9, CON 1

P57479

P57480

P57471

P57472

3010238

3010237

P102250

P102251

SER TWP

RK TWP

GOWAN TWP


# TIMMINS OFFSETS GOLD PROPERTY



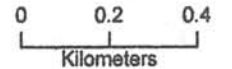
## FIGURE 2

## CLAIM SKETCH

### Legend

 Timmins Offsets Property

LEASE 106606  
PARCEL #469



Prepared by: W.O. Karvinen & Associates Ltd.

Date: July 12, 2005

Driven partly by rising gold prices, Nickel Offsets Limited began evaluation of the property in 1979, and followed up with two drilling campaigns. In 1980 and 1981, the company carried out drilling in the same area as McIntyre, completing 31 holes totalling 6,390 meters. Seventeen of the holes were from the north to the south and the remaining holes were drilled at steep angles along strike (mainly westward) of the mineralized tuff. The work was under the direction of Chester Kuryliw, a noted and experienced mining geologist, with extensive experience in lode gold mines in the Canadian Shield. Based on the results of the Nickel Offsets and McIntyre drilling, he sited coarse gold as a major obstacle to defining an accurate grade and tonnage. Kuryliw summarized the difficulty of determining grade in the excerpt below:

*"The bulk of the gold content occurs as coarse, free visible gold, commonly in the 1/2 to 1 mm diameter range. This causes difficulty in determining calculated ore grades. In the 1980 drilling program over 2000 core assays were taken, in core samples where visible gold was noted, the greater number of assays did not reflect the gold content but indicated the background gold content which is in the 0.02 to 0.04 ounce gold per ton range. The assays that did reflect the visible gold content commonly ran over and ounce. More consistent assay results were later obtained by pulverizing the whole core sample prior to quartering and selecting the assay portion."* (Kuryliw, 1980, p. 9).

Of the 31 holes drilled by Nickel Offsets, 19 encountered visible gold. Intersected values were similar to that of the McIntyre drilling. The best values in the holes drilled in 1980 were in hole 80-11 which had a section of 7.0 m grading 11.5 g/t gold. In the same hole, visible gold is reported sporadically over a core length of 17 meters. Kuryliw (1981) derived a resource estimate of 650,000 tons at an average grade of 8.6 grams per ton.

Subsequent estimates by others have been 371,000 tons of 5.4 g/t (Hoyles, 1982), 344,000 tons of 7.4 g/t (Moxham, 1982), and 500,500 tons of 4.6 g/t (Derry, Michener, Booth and Wahl, 1985)<sup>1</sup>.

In 1987 and 1988, Noranda Exploration Company Ltd., ("Noranda") and partner Golden Princess Mining Corporation, explored this and other staked properties in the southwestern part of Tully Township. Work on the Nickel Offsets property included a magnetometer survey, a few lines of induced polarization surveying and 43 drill holes (9035.9 meters) of which 22 were directed at or near the deposit. Noranda traced the tuff by drilling 950 meters along strike to the WSW and about 800 meters to the east. Extension of the existing mineralization and the discovery of new zones along the strike of the tuff, proved negative, as did deeper holes from the north to the south beneath the known deposit. Four holes were drilled sub-vertically and one steeply from west to east at an acute angle to the zone. These latter holes gave the best results with respect to gold. With the demise of "flow through funding", Noranda relinquished the option, before completing a revised inferred resource calculation for the deposit.

Reports prepared for Canhorn Mining Corporation (1991) and Canhorn Chemical Corporation (1995) by A.C.A. Howe and Roscoe Postle Associated Inc respectively, recommended further drilling to enhance the understanding of the deposit. However the recommended drilling was never completed.

In 1997, Black Pearl Minerals Inc. optioned the property and carried out ground magnetic and IP surveys along 65 km of grid line, followed by drilling of 61 holes totalling 14,250 meters. The magnetic data shows a marked gradient response along the north contact of the ultramafics, which parallels the zone hosting the auriferous veins. Chargeability and resistivity data are masked by the conductive overburden in the survey area. However, in general there is a moderate chargeability response and a less coherent low resistivity response over the main tuff horizon.

The drilling, which was done in three phases, expanded the dimensions of the deposit to the east at depth (to >250 meters), and some new intersections were encountered down dip and along strike to the west. All holes, except for two, were drilled from north to south. The Black Pearl drill program began with BQ

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<sup>1</sup>Grades are uncut and undiluted

core, but after a few noies, the size was increased to NQ core. . All assays were done using the 'screened metallics' method. This analytical procedure gave a better correlation between gold values and visible gold distribution. Data was archived in Access 97, Drillpad or Surpac formats. In addition to drill collar surveys, drill logs and assays, the database also includes 750 specific gravity determinations.

In 2003, Argent Resources Limited entered into an agreement with Black Pearl on the property in which Argent could earn up to 70% interest by expending a certain amount of money in exploration and carrying out a feasibility study of the property. Argent began compilation and review of the existing data and an examination of the accessible Black Pearl core in July of 2003. Because Black Pearl's digital data of their own drilling had been corrupted and therefore not available for use and all previous data were still in paper format, Argent contracted W.O. Karvinen & Associates Ltd. to digitize and convert into metric the 30,000 meters and over 9,600 gold assays in 163 drill holes which were in the Black Pearl archives. With the database completed, Karvinen and Associates began modeling the distribution of veins, visible gold, rock types and structures in 2D and 3D GIS for the purpose of providing a better basis for resource evaluation, for determining the geometry of the mineralization and of defining targets for drilling. This process was still on going when the first Phase of drilling was initiated in February of 2004.

In Phase 1, Argent completed 13 holes totaling 3,972 meters. Two holes were drilled from south to north to test the plunge of the East Zone at depth below 300 meters where Black Pearl had had a long gold intersection in vein zones close to the ultramafics; another hole was drilled from south to north at the west end to test the ultramafics for veins in that area. The remaining holes were drilled at various dips from NNW to SSE (azimuth 152 degrees) and were intended to explore for down dip and down plunge continuations of the gold-bearing vein zones defined nearer to surface.

Subsequent to the completion of modeling and interpretation of the digital data along with the results of Phase 1 drilling, Karvinen & Associates Ltd. identified a connection between crosscutting fault structures and the large vein zones as possible foci of gold concentration. This model was the basis for the direction of drilling in Phase 2, where holes were drilled at an oblique angle through the tuff at angles of 60 to 70 degrees to the west.

Figure 3 shows, in plan, the drill hole location on the property

Phase 2 drilling, which commenced in mid-March, 2005, completed 8 holes totalling 2067 meters. The holes were widely spaced along the zone from west to east. Hole number A05\_07, which is reported here, was the westernmost hole drilled in Phase 2 in the mineralized tuff horizon.

#### **Drill Hole A05-07**

Drill hole A05-07 was an exploratory hole, drilled west (azimuth 265 degrees) at a dip of 50 degrees to test for vein zones in an area of the tuff to the west of the deposit where a few isolated intersections of gold had been encountered in previous drill holes. Specifications of the hole are as follows:

UTM coordinates: Easting 486105, Northing 5396415, NAD 83, Zone 17

Azimuth 265 degrees

Dip 50 degrees

Final Depth 323 meters

Although the collar and direction of the hole was based on the best possible information, because of the lack of sufficient data west of the deposit, the hole did not enter the tuff horizon as planned, but encountered sediments throughout its entire length. The sediments on the whole are Porcupine group greywackes and argillites. Only a few barren-looking quartz veins with minor ankerite were intersected; assays of those veins returned only low values in gold, with the best one being sample B056799, returning a gold value of 1.24 g/t over .80 meters. The drill hole log is included (2 pages), Figure 4 is a drill hole plan for hole A-05-07 and Figure 5 is a section for the hole.

The drill hole was surveyed for accurate position using a down-hole Reflex instrument. 4 of these tests were taken at 50 meter intervals starting at 98m. A punch test was also utilized for core orientation. 2 such tests were taken at 158 and 170m.

Samples were analyzed at ALS-Chemex labs: sample prep in Toronto and final analysis in Vancouver. Prep consists of a PUL21 pulverization to 85% passing through a 75 micron screen. Analysis is AA 26 whereby a 50g aliquot is subjected to Atomic Absorption analysis.

485000<sup>±</sup>

486000<sup>±</sup>

487000<sup>±</sup>

LOT 12, CON 2

LOT 11, CON 2

LOT 10, CON 2

LOT 9, CON 2

P57464

P57463

P57468

P57467

P57476

P57475

PROSSER TWP

TULLY TWP

A06\_07

P57466

P57465

P57473

P57474

LOT 12, CON 1

LOT 11, CON 1

LOT 10, CON 1

LOT 9, CON 1

P57479

P57480

P57471

P57472

3010236

3010237

P102250

P102251

WARK TWP

GOWAN TWP

# TIMMINS OFFSETS GOLD PROPERTY

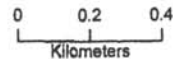


## FIGURE 3

## DRILL HOLE

### Legend

-  Timmins Offsets Property
-  Drill Hole



Prepared by: W.O. Karvinen & Associates Ltd.

Date: July 12, 2005

5397000<sup>±</sup>

5396000<sup>±</sup>

### DIAMOND DRILL LOG

DRILLING COMPANY		COLLAR ELEVATION		DIP		BEARING		CLAIM NO.		LOCATION		MAP		HOLE NO.		PAGE NO.		
BRADLEY BROS.				-50 °		265 °		P57486		486105 E		B.P. GRID		A-05-07		01		
START DATE	COMPLETION DATE	DATE LOGGED		COLLAR	m	m	m	m	MAP NO.	5396A15 N		3746 E		COMMENTS				
APRIL 18/05	APRIL 22/05	APRIL 23-MAY 1/05		98	m	-49.2°	267.8°			PROPERTY NAME		143 N		NG CORE PUNCH TESTS				
EXPLORATION CO.; OWNER; OPTIONEE		LOGGED BY		149	m	-49.1°	266.6°			TIMMING								
ARGENT RESOURCES		BK Polk		200	m	-48.6°	266.6°			OFFSETS								
TOTAL FOOTAGE										323.0m								
FOOTAGE		ROCK TYPE		DESCRIPTION				PY		SAMPLE FOOTAGE		SAMPLE		ASSAYS				
FROM	TO			COLOUR; GRAIN SIZE; TEXTURE; MINERALS; ALTERATION; ETC.				%		FROM	TO	LENGTH						
0	88		QV3															
88.0	117.0		5b/2	L WACKE SEDIMENTS, GREY TO DK GREY, MM-DM+ BEZDED														
				A LOCK OXID & VUGGY (ESP 93m)														
				MIN QCA, GENY S <sub>2</sub> , OCCAS. HIGH L J														
				S GENY BROKEN (MOD RAD)														
				S <sub>2</sub> WELL DEVD @ 70 DIA (LOCK UP TO 40)														
117.0	131.0		5B/QV3/FE L	AS ABOVE														
				A NUM QCN' HIGH L, PINKISH VN' + S <sub>2</sub> // QCA AS ABOVE ± CHL														
				TZ PY ± CORDLED CBA														
				S VERY BROKEN THRU														
				GOUNGED FZ @ 127.5-128.0m COINC W QCN														
				S <sub>2</sub> @ 20 DIA (?)														
131.0	252.3		5b,2	AS ABOVE, LOW L WACKE SEDS, LOCK ARGE A FEW VN'														
				MIN QCA LOCK 158-160m 177.5-183, 221 GENY S <sub>2</sub> //														
				QV' (HIGH L) 140.0, 159-160, 177.8, 187, 206, 217.5														
				BROKEN LOCK ESP 143-146 184-185 219-223														
				S <sub>2</sub> GENY 0-20 DIA LOCK TO 40 DIA														
				131-163 5b,2				PUNCH TEST		158 (VN' NEAR)								
				163-190 5a, b				PUNCH TEST		170 NO VN'								
				190-195.5 5b														
				195.5-229 5a, b v broken														
				229.0-252.3 @ 5a														
252.3	253.5		QV															
253.5	259.2		5b,2															
259.2	260.0		QV															
260.0	323.0		5b,2	TAG ERROR @ 317.0m ... DUPLICATE DEPTH TAG ... 3 FREE METERS														
323.0			ROH															



FOOTAGE		ROCK TYPE	DESCRIPTION COLOUR, GRAIN SIZE, TEXTURE, MINERALS, ALTERATION, ETC.	PY VN% WR	SAMPLE FOOTAGE		SAMPLE LENGTH	ASSAYS	
FROM	TO				FROM	TO		VN%	AN
			SAMPLING - LARGER QCV & QCV SETS, ALONG W MAJOR FRAC/EZ HAVE BEEN SAMPLED						g/t
			B 056793 4cm 30 DICA PINK QCV + 45cm PINK QCV @ HIGH L IN LOW L 52,6 V BROKEN	TR TR	118.8	120.3		50	.02
			056794 FRAC 3 V BROKEN W ABUN QCV INTERFACIAL HIGH L QCCHL VN SLIGHT PINK, MIN ANK, GOUGEY FZ	TR TR	127.5	128.5		10	.01
			056795 LOW L 52,6 SEPS W MIN QCA	- TR	128.5	130.0		1	.01
			056796 65% QCCHL ALTH, PINKISH, V CHL	1 TR	130.0	131.5		65	.01
			056797 ABUN HIGH + QCV (CC) CHL A, ST 3	- TR	158.1	159.0		30	.01
			056798 7 HIGH L (12 3, 8cm) QCCHLV @ 45 DICA	- -	159.0	159.7		50	.01
			056799 FZ W ASSD 20cm 40 DICA QCCHLVN	TR TR	220.6	221.4		25	1.24
			056800 STANDARD						
			056801 LARGE BULKISH SOLL (40 DICA) QCCHLVN, CHL, QCV WR	TR TR	252.2	253.5		100	.01
			056802 15% SOLL QCA @ VN 1-3cm + FRAC 3	TR TR	253.0	258.5		25	.01
			056803 NUM HIGH L 1' 80 DICA CC FILLED + 60cm QCCHLV W 2% PY + ANK + STRE CHL	2 TR	258.5	260.0		60	.01
			056804 30cm PINK QCCHLVN + 10cm SAME	TR TR	295.8	297.3		20	.01
			056805 15% SOLL QCA + 3 5cm 80 DICA PINK VN	TR TR	297.3	298.8		50	.01
			BIFK						

# LEGEND OF ABBREVIATIONS

@	AT	OXD	OXIDIZED
ABUN	ABUNDANT	OXDN	OXIDIZATION
AF	A FEW	PER	PERVASIVE
ALTN	ALTERATION	PGE	PLATINUM GROUP ELEMENTS
AMGR	AMYGDULAR	PIL	PILLOW
AMYG	AMYGDULE	PILD	PILLOWED
ANK	ANKERITE	PO	PYRRHOTITE
ARND	AROUND	PORD	POORLY DEVELOPED
ASSD	ASSOCIATED	PY	PYRITE
AU	GOLD	QC	QUARTZ-CARBONATE
BB	BRIGHT BLEBBY	QCA	QUARTZ-CARBONATE ALTERATION
BLCD	BLEACHED	QCCHL	QUARTZ CHLORITE
BLCHG	BLEACHING	QCV	QUARTZ-CARBONATE VEIN
BRCB	BRECCIATED	RQD	ROCK QUALITY INDEX
BRXN	BRECCIA	RT	RIGHT
BX	BRECCIA	SAA	SAME AS ABOVE
CC	CALCITIC	SELV	SELVAGE
CG	COARSE GRAINED	SER	SERICITE
CHL	CHLORITE	SERC	SERICITIC
CHLC	CHLORITIC	SHRG	SHEARING
CO3	CARBONATE	SILC	SILICIC
CPY	CHALCOPYRITE	SILD	SILICIFIED
CT	CONTACT	SILN	SILICIFICATION
DB	DIRTY BLEBBY	SM	SMALL
DEVD	DEVELOPED	SPHAL	SPHALERITE
DISSD	DISSEMINATED	ST	STRINGERS
DK	DARK	STGY	STRONGLY
DOM	DOMINANT	STR	STRONG
DOMY	DOMINANTLY	SZ	SHEAR ZONE
DTCA	DEGREES TO CORE AXIS	TEX	TEXTURE
EOH	END OF HOLE	TOUR	TOURMALINE
EOINT	END OF INTERVAL	TR	TRACE
EPI	EPIDOTE	UCT	UPPER CONTACT
ESP	ESPECIALLY	V	VERY
EUH	EUHEDRAL	VACA	VARIOUS ANGLES TO CORE AXIS
Fe	IRON	VAR	VARIOLITE
FG	FINEGRAINED	VARC	VARIOLITIC
FRAC Z	FRACTURE ZONE	VCB	VERY COARSE BLEBBY
FRAC	FRACTURE	VCG	VERY COARSE GRAINED
FRACG	FRACTURING	VN	VEIN
FRAC'D	FRACTURED	VNLTs	VEINLETS
FZ	FAULT ZONE	VOLC	VOLCANIC
GENY	GENERALLY	WH	WHITE
HANG	HIGH ANGLE	WKLY	WEAKLY
HEMC	HEMATITIC	WR	WHOLE ROCK
INT	INTERSECTION	WRA	WHOLE ROCK ANALYSIS
INT	INTERMEDIATE	XCUT	CROSS CUT
IRREG	IRREGULAR	XXX'	PLURAL OF XXX
J	JOINT	//	PARALLEL
K	POTASSIC	@	AT
LANG	LOW ANGLE	o	CIRCULAR
LCT	LOWER CONTACT	⊥	PERPENDICULAR
LOCY	LOCALLY	W	WITH
LX	LEUCOXENE	≈	AROUND
LXC	LEUCOXENITIC	∠	ANGLE
MAG	MAGNETITE		
MAG	MAGNETITE		
MG	MEDIUM GRAINED		
MIN	MINOR		
MIND	MINERALIZED		
MINN	MINERALIZATION		
MM	MILLIMETER		
MOD	MODERATE		
MSV	MASSIVE		
NUM	NUMEROUS		

P57486

LOT 11, CON 1

TULLY TWP

SECTION EXTENTS

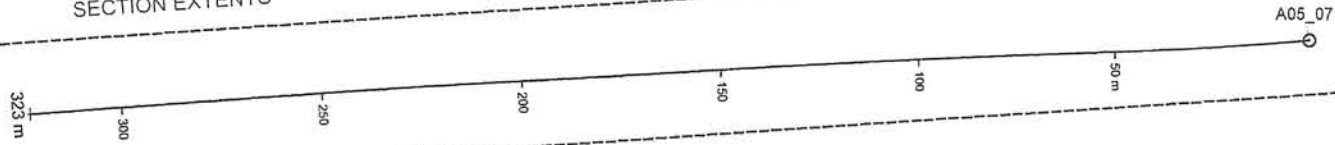


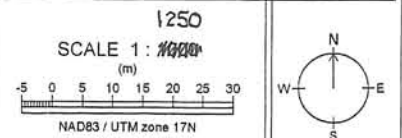
FIGURE 4

A05\_07 DRILL HOLE SPECS:

EASTING: 486105 E  
NORTHING: 5396415 N  
AZIMUTH: 265  
DIP: 50  
DEPTH: 323m

PLAN SPECS:

REF. PT. E, N	486000 m	5396000 m
EXTENTS	331.9 m	259.5 m



ARGENT RESOURCES  
TIMMINS OFFSETS PROPERTY  
DRILL HOLE PLAN MAP  
A05\_07

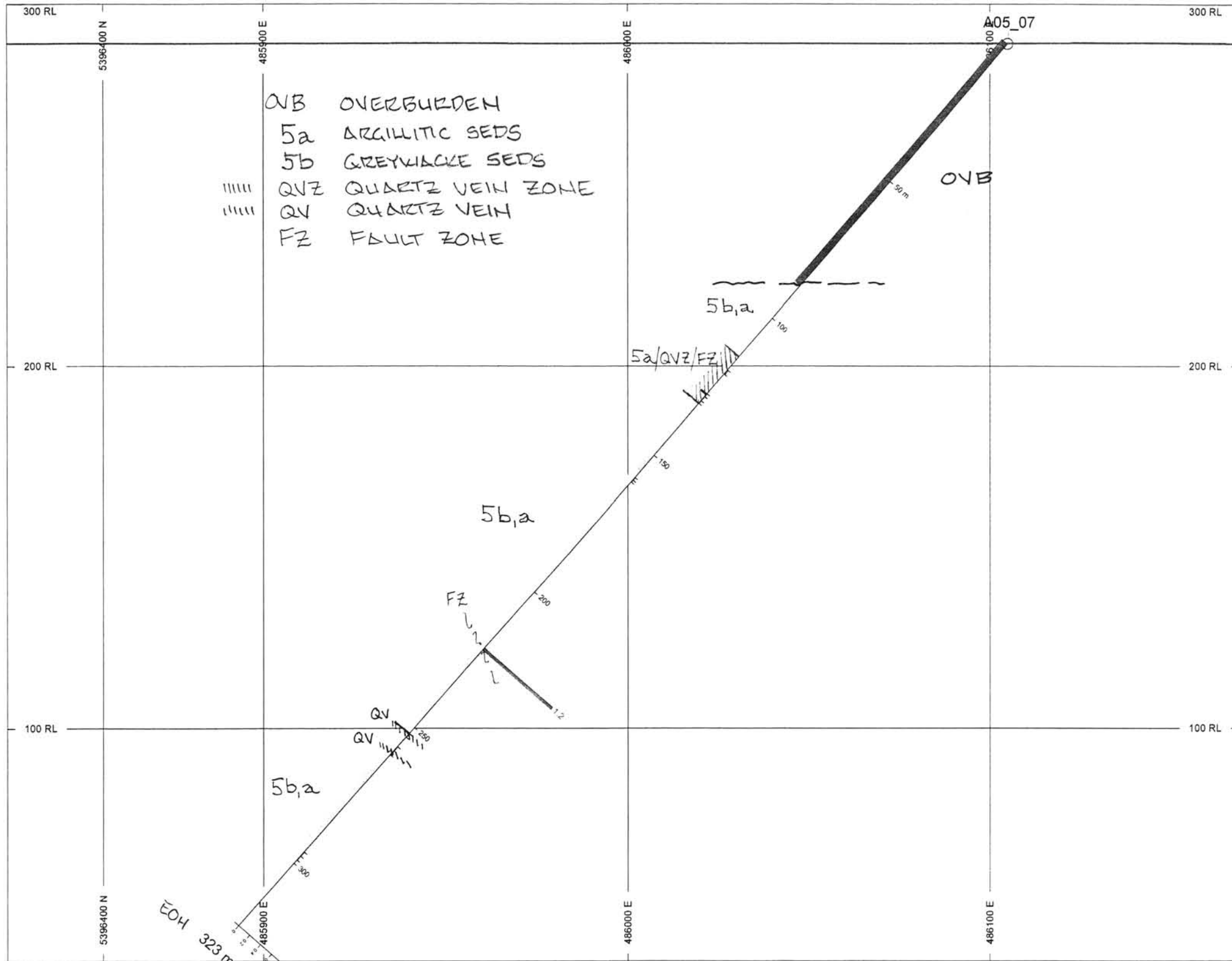


FIGURE 5

2 30255

CLAIM P57486  
LOT II, CON I  
TULLY TWP.

A05\_07 DRILL HOLE SPECS:

EASTING: 486105 E  
NORTHING: 5396415 N  
AZIMUTH: 265  
DIP: 50  
DEPTH: 323m

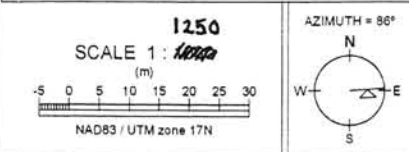
ASSAYS	L/R	COL	RANGE
Au_g_per_t	R		Text (pt)

LITHOLOGY	L/R	PAT	
Rcode	L		Overburden
			Sediments
			Fault

SECTION SPECS:

REF. PT. E, N	485999 m	5396410 m
EXTENTS	339.4 m	264.5 m
SECTION TOP, BOT	300 m	35.51 m
TOLERANCE +/-	11.45 m	



ARGENT RESOURCES  
TIMMINS OFFSETS PROPERTY  
DRILL HOLE SECTION  
A05\_07

The lack of veins in this hole does not preclude the presence of numerous quartz veins and vein zones in the adjacent tuff to the south. Prior to additional drilling, the exact location of the sediment –tuff and tuff-ultramafic contacts need to be established.

Porcupine assemblage rocks unconformably overlie the Kidd-Munro assemblage in the vicinity of the property and dominate in hole A-05-07. The sedimentary rocks are composed predominantly of fine-grained turbiditic sedimentary rocks with minor graphitic argillite and conglomerate horizons. The Porcupine assemblage rocks consist of fine-grained, grey to black, carbonaceous argillites, siltstones and greywackes occurring in the structural hanging wall (north side) of the deposit. Carbonaceous argillites containing layers of semi-massive to massive pyrite commonly occur at the sedimentary/volcanic contact and account for the electromagnetic response associated with the deposit. Thin units of sericitic schistose sediments containing appreciable amounts of pyrite also occur within 10-40 feet of the sedimentary/volcanic contact within the sediments..

A thin discontinuous graphitic argillite layer marks the contact between the mafic volcanic rocks and the underlying komatiites. This unit is highly altered by carbonate minerals, silica and pyrite, and contains anomalous gold values.

Hydrothermal alteration varies systematically across the sedimentary and volcanic sequence. The Porcupine sediments are essentially unaltered except for a few barren quartz carbonate veins enveloped by silicification and minor sericite. The upper tuff hosted in the sediments is intensely pyritized, sericitized and locally silicified, imparting a bright green colour and a waxy texture to the unit.

The graphitic argillite at the top of the volcanic sequence is associated with intense silicification and carbonatization hosting quartz veins and foliation parallel quartz stringers.

#### References

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Derry, Michener, Booth and Wahl, 1985 Report on Nickel Offsets Property, 37p

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Kuryliw, C., 1981---full reference not available, in-house report

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Page: 1  
Finalized Date: 2-JUN-2005  
Account: RGERES

CERTIFICATE TO05035891

A05-06,07

Project: Timmins

P.O. No.:

This report is for 89 Drill Core samples submitted to our lab in Toronto, ON, Canada on 9-MAY-2005.

The following have access to data associated with this certificate:

JOHN FRAZER

WILLIAM KARVINEN

## SAMPLE PREPARATION

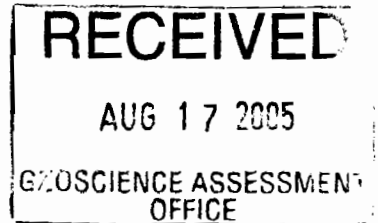
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-24	Pulp Login - Rcd w/o Barcode
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
PUL-21	Pulverize entire sample
SPL-34	Pulp Splitting Charge

## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA26	Ore Grade Au 50g FA AA finish	AAS

# 2.30255

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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: 



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## CERTIFICATE OF ANALYSIS TO05035891

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA26	Au-AA26
		Recvd WL kg 0.02	Au ppm 0.01	Au Check ppm 0.01
B056793		3.57	0.02	
B056794		2.71	<0.01	
B056795		3.88	<0.01	
B056796		5.15	<0.01	



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## CERTIFICATE OF ANALYSIS TO05035891

Sample Description	Method Analyte Units LOR	WEI-21	Au-AA26	Au-AA26
		Recvd Wt. kg	Au ppm	Au Check ppm
		0.02	0.01	0.01
B056797		3.02	<0.01	
B056798		1.93	0.01	
B056799		0.06	1.24	
B056800		1.67	0.01	
B056801		4.09	<0.01	
B056802		4.35	<0.01	
B056803		4.40	0.01	
B056804		4.96	<0.01	
B056805		4.26	<0.01	