# Assessment Report on the 2008 Diamond Drilling Program at the Heenan Property

# Heenan Township Ontario, Canada

Prepared By:

Paul Degagne, P.Geo Benton Resources Corporation

611 Montreal Ave.

Thunder Bay, Ontario

N.T.S Map Sheet: 0410/16 Latitude: 47 53 00 N Longitude: 82 15 00 W UTM Datum: NAD 83, Zone 17

November 20, 2008

### SUMMARY

In January, 2008, Benton Resources Corp. and Pacific North West Capital Corp. formed a 50% - 50% Joint Venture (Swayze JV) for the purpose of exploring for nickel-copper-platinum-palladium-gold deposits in the ultramafic rocks of the Swayze Greenstone Complex, centered 80 km southwest of Timmins, Ontario. The Swayze-Heenan property is one of three claim blocks that form the Joint Venture.

From October 6 to 12, 2008, a three hole (447m) diamond drill program was completed on the Hussey-Aube gold showing located in the southeast corner of the Heenan property. The program was designed to test a 600 meter IP anomaly associated with sericite-carbonate-hematite-albite altered mafic volcanic rocks. Surface grab samples collected during the 2008 summer mapping and prospecting program returned values of up to 6.4 gpt Au from this zone.

All three holes intersected moderate to intensely altered mafic volcanic rocks with variable amounts of fine disseminated sulphides (py +/- asp) in amounts varying from trace to locally 10%.

Individual core samples (1.0 meter in length on average) returned anomalous gold values intermittently throughout the altered sections, ranging from several hundred ppb to up to 1.9 gpt Au. The thickest interval of anomalous gold was intersected in drill hole H08-03, returning 0.6 gpt Au over 10.0 meters. The highest grade interval was intersected in drill hole H08-01, returning 1.1 gpt Au over 2.9 meters.

While the drilling campaign was successful in explaining the IP anomaly and in identifying a new gold enriched alteration system on the Heenan property, the core samples returned only anomalous sub-economic gold grades.

Based on the results of the drill program, additional work on the showing is not recommended at this time.

### TABLE OF CONTENTS

		Page
SUM	IMARY	Ι
TAB	LE OF CONTENTS	II
1.0	INTRODUCTION	1
2.0	LOCATION AND ACCESS	1
3.0	TOPOGRAPHY AND VEGETATION	3
4.0	PROPERTY DESCRIPTION	3
5.0	PREVIOUS WORK	5
6.0	REGIONAL GEOLOGY	6
7.0	PROPERTY GEOLOGY	6
8.0	2008 DIAMOND DRILLING PROGRAM	7
9.0	CONCLUSION AND RECOMMENDATIONS	10
10.0	REFERENCES	11

### LIST OF FIGURES

Figure 1 Location Map	2
Figure 2 Property Claim Map	4
Figure 3 Drill Hole Plan Map	9

### LIST OF TABLES

Table I List of Claims

### LIST OF APPENDICES

Diamond Drill Logs	Appendix I
Diamond Drill Sections	Appendix II
Assay Certificates	Appendix III

## 1.0 INTRODUCTION

The Heenan Property is one of three large claim blocks that make up the Swayze JV, a joint venture between Benton Resources Corp. (Benton) and Pacific Northwest Capital Corp. (PFN) The joint venture was formed in January 2008, for the purpose of exploring for nickel-copper-platinum-palladium-gold deposits in the ultramafic rocks of the Swayze Greenstone Complex, centered 80 km southwest of Timmins, Ontario.

The Heean claims were optioned from prospector's John Hussey and Armand Aube of Timmins Ontario to evaluate the nickel potential of a series of ultramafic flows and intrusions that underlie the north half of the property. The claims are also host to a gold showing located in the south part of the property on claim 4220816. The showing was first discovered by Hussey and Aube in 1997 when they located two 1940's era trenches on their property. Initial grab samples from these trenches returned anomalous gold values ranging from 1.0 to 4.3 gpt Au. After optioning the property in September, 2007, Benton established a small grid over the showing and completed ground magnetometer and IP surveys. An IP anomaly of approximately 600 meters in strike length was identified over and along strike of the two trenches. In the summer of 2008, the grid was mapped and prospected. Surface grab samples collected from the trenches and exposed outcrops along the trend of the IP anomaly returned several samples grading >2.0 gpt Au, with the highest grade sample returning 6.4 gpt Au.

From October 6 to 12, 2008, three holes totaling 447 meters were drilled to test the gold showing and associated IP anomaly.

This report summarizes the results of the diamond drilling program.

## 2.0 LOCATION AND ACCESS

The Heenan property is located in Heenan Township, approximately 108 kilometers southwest of the city of Timmins, Ontario (figure 1). The property can be located on the NTS sheet 41O/16. Access to the property is via the Foleyet Timber Road, which intersects Hwy. 101 approximately 10 km east of the town of Foleyet, Ontario. At approximately Mile 34, a secondary logging road branches east off of the Foleyet Road for 22 kilometers, crossing the south and east part of the claim block.



### 3.0 TOPOGRAPHY and VEGETATION

The north part of the property consists of scattered outcrop hills surrounded by large areas of spruce and cedar swamp. The center of the property is dominated by thick sandy overburden covered with old growth and second generation jack pine. Thick spruce and cedar swamp occupy much of the south half of the property with minor hills and ridges gradually increasing in number toward the south boundary. In the area of the drilling, approximately 80% of the area is cedar and spruce swamp covered. The main gold showing occurs on a small east-west trending poplar and spruce covered ridge located centrally on claim 4220816. The ridge is dominated by sandy overburden and has only limited outcrop exposure. Both recent and historical logging throughout the property has created clear cuts and provided road access through much of the claim block,

### 4.0 PROPERTY DESCRIPTION

The Swayze-Heenan property consists of 17 contiguous claims (189 units) under option from prospectors John Hussey and Armand Aube of Timmins, Ontario. All claims are located in Heenan Township in the Porcupine Mining Division of Ontario. The individual claims are listed below (Table 1).

Township/Area	Claim Number	Recording Date	Claim Due Date	Status	Work Required	Total Applied	Total Reserve	Claim Bank
HEENAN	<u>4202619</u>	2006-Nov-03	2009-Nov-03	А	\$ 3,200	\$ 3,200	\$ 0	\$ 0
HEENAN	4207073	2006-Jan-17	2010-Jan-17	А	\$ 6,400	\$ 12,800	\$ 0	\$ 0
HEENAN	4207074	2006-Jan-17	2010-Jan-17	А	\$ 6,400	\$ 12,800	\$ 0	\$ 0
HEENAN	4208273	2006-May-12	2009-May-12	А	\$ 6,090	\$ 6,710	\$ 0	\$ 0
HEENAN	4208291	2006-May-12	2009-May-12	А	\$ 3,200	\$ 3,200	\$ 0	\$ 0
HEENAN	4208292	2006-May-12	2009-May-12	А	\$ 3,200	\$ 3,200	\$ 0	\$ 0
HEENAN	4216059	2007-Nov-07	2009-Nov-07	А	\$ 6,400	\$ 0	\$ 0	\$ 0
HEENAN	4217835	2007-Nov-07	2009-Nov-07	А	\$ 6,400	\$ 0	\$ 0	\$ 0
HEENAN	4217836	2007-Nov-07	2009-Nov-07	A	\$ 3,200	\$ 0	\$ 0	\$ 0
HEENAN	4217837	2007-Nov-07	2009-Nov-07	А	\$ 1,600	\$ 0	\$ 0	\$ 0
HEENAN	4220816	2007-Jul-23	2010-Jul-23	А	\$ 1,600	\$ 1,600	\$ 0	\$ 0

#### Table 1 List of claims, Heenan Property

HEENAN	4220817	2007-Jul-23	2009-Jul-23	А	\$ 6,400	\$ 0	\$ 0	\$ 0
HEENAN	4220826	2007-Nov-07	2009-Nov-07	А	\$ 3,200	\$ 0	\$ 0	\$ 0
HEENAN	4220827	2007-Nov-07	2009-Nov-07	А	\$ 3,600	\$ 0	\$ 0	\$ 0
HEENAN	4220828	2007-Nov-07	2009-Nov-07	А	\$ 4,800	\$ 0	\$ 0	\$ 0
HEENAN	4220829	2007-Nov-07	2009-Nov-07	А	\$ 6,400	\$ 0	\$ 0	\$ 0
HEENAN	4220830	2007-Nov-07	2009-Nov-07	А	\$ 3,200	\$ 0	\$ 0	\$ 0

Figure 2 shown below is a claim map of Heenan Township showing the claim distribution of the Heenan property.



### 5.0 PREVIOUS WORK

Historically the area has been explored for gold as well as base metals, asbestos and iron. The following is a list describing the historical reported work performed on the current claim block:

1946 - FUMMERTON MINING & DEV CO LTD, GEOLOGICAL AND MAGNETOMETER SURVEYS

1961 – 1963 GOODWIN, A.M. AND DONOVAN, J.F., GEOLOGIC SURVEY AND MAP COMPILATION

1965 - OGS SURVEY AND ONTARIO MNDM, MAP COMPILATION

1971 - SCAN EXPL LTD, ELECTROMAGNETIC AND MAGNETOMETER SURVEYS

1976 - UNION MINIERE EXPL & MINING CORP LTD, AIRBORNE MAGMETOMETER SURVEY, DENYES, DORE, RANEY, ROLLO, SWAYZE AND HEENAN TWPS.

1976 - GULF MINERALS LTD, DIAMOND DRILLING (HNW-1, HS-1)

1976 - HOLLINGER MINES LTD, DIAMOND DRILLING (HEE-1-76)

1977 - NORANDA EXPLORATION, ELECTROMAGNETIC AND MAGNETOMETER SURVEYS

1982 - KERR ADDISON MINES LTD, GEOLOGICAL, GEOCHEMICAL, MAGNETOMETER AND VLF SURVEYS

1985 - MILLROCK DEV CORP, SOIL GEOCHEMICAL SURVEY

1987 - ESSO MINERALS CANADA, GEOCHEMICAL AND GEOLOGICAL SURVEYS

1988 - RESSOURCES HALEX INC, AGEOS SCIENCES INC, INDUCED POLARISATION, DIAMOND DRILLING

1991 - D MORIN, F ROSS, G ROSS, M CARON, R DENOMME, PROSPECTING

1993 - D MULLEN, GEOCHEMICAL, GEOLOGICAL, MAGNETOMETER AND VLF SURVEYS

1998 - INMET MINING CORP, GEOLOGICAL AND GEOCHEMICAL SURVEYS

2007 – BENTON RESOURCES, LINECUTTING, MAGNETOMETER AND IP SURVEYS

### 6.0 <u>REGIONAL GEOLOGY</u>

The Heenan Property is situated within the Swayze Greenstone Belt (SGB) located within the Archean aged western Abitibi Sub-province of the Superior Province.

The SGB is bounded to the west by the Kapuskasing Structural Zone; east by the Kenogamissi Batholith; north by the Nat River granitoid complex, and south by the Ramsey-Algoma granitoid complex. The belt is connected to the Abitibi greenstone belt by two thin bands of sheared supracrustal rocks that wrap around the north and south margins of the Kenogamissi Batholith. The northern sheared band may mark the western extension of the Destor Porcupine Fault Zone. Similarly the southern sheared band may mark the western extension of the Larder Lake Break. Both these shear zones continue westwards through the SGB as major structures.

A wide variety of supracrustal rocks occur within the SGB in repetitive cycles (Heather and van Breemen 1994, Jackson and Fyon 1991). These rocks include metavolcanic rocks ranging from ultramafic komatiites to felsic metavolcanic rocks and metasedimentary rocks ranging from epiclastic rocks, (including Timiskaming-like sediments), to chemical metasediments and banded iron formations. These supracrustal rocks are intruded by a large number of granitoid bodies located throughout the SGB.

Numerous north-northwest striking faults cut across the rock types in the area. Three Proterozoic diabase dyke swarms intrude the Archean rocks of the SGB: the north trending Matachewan swarm; northwest trending Sudbury swarm, and east to northeast trending Abitibi swarm.

With the exception of a talc mine in Kenogaming Township, there are no active mining operations in the belt. However, numerous deposits and/or occurrences of copper, zinc, lead, nickel, iron, molybdenum, asbestos and talc are widely distributed throughout.

### 7.0 PROPERTY GEOLOGY

The north half of the property is underlain by an intercalated sequence of ultramafic volcanic rocks (komatiites and associated dunite/peridotite sills) and mafic to felsic volcanic and volcaniclastic rocks. A large gabbroic intrusion underlies the extreme northwest corner of the property. Rocks underlying the south half of the property, including the area described in this report, consist primarily of pillowed mafic flows. Thin (<1.0m) pink felsite dykes have been observed intruding the mafic volcanic rocks.

### 8.0 2008 DIAMOND DRILLING PROGRAM

### 8.1 INTRODUCTION

From October 6 to October 12, 2008, three holes totaling 447 meters were drilled in the south part of the property on claim 4220816. The drilling program was designed to test, at 200 meter intervals, an east trending IP anomaly associated with the Hussey-Aube gold showing. The Hussey-Aube showing consists of two 1940's era trenches located 200 meters apart. The bedrock exposed within the trenches consists of sericite-carbonate-hematite-and albite altered mafic volcanic rocks. Fine disseminated sulfides occur sporadically throughout the altered package. Surface grab samples from the showing returned up to 6.4 gpt Au. Additional grab samples collected up to 200 meters east of the trenches returned values of up to 2.3 gpt Au.

Norex Drilling of Timmins, Ontario was the contractor for the drilling program. All core drilled was NQ in size. The drill core was logged and sampled in Timmins. Core samples were processed by Accurassay Laboratories in Thunder Bay, Ontario. Sample pulps and rejects are currently being stored at the lab facility in Thunder Bay. The drill core is currently being stored at Benton's storage facility in Timmins.

#### 8.2 DRILL HOLE DESCRIPTIONS

All holes collared in and remained in mafic (pillowed) volcanic rocks with the exception of hole H08-01, which intersected a narrow feldspar porphyry dyke from 6.6 to 13.0 meters and a pink felsite dyke from 111.0 to 119.0 meters down hole.

All three holes cut thick intersections of moderate to intense sericite-carbonate-hematite +/- albite alteration. The altered rocks are fault brecciated, with local sulphide mineralization occurring as trace to locally up to 15% pyrite +/- arsenopyrite. The sulphides form as fine disseminations or as matrix to fault breccia fragments. As shown in the appended drill sections, the alteration / mineralization intersected in the drilling corresponds well with the surface trenches (surface gold showing) and adequately explains the IP anomalies.

The drilling is summarized below. Figure 3 is a plan map showing the drill hole locations.

Hole UTM Location\* Azimuth Dip Length H08-01 395883 E / 5293083 N 360 -45 149 m H08-02 395715 E / 5293100 N 360 -45 149 m H08-03 395576 E / 5293096 N 360 -45 149 m

\* utm datum nad83, zone 17



Logs, assay certificates and sections are presented in Appendix I, II and III respectively. The holes are discussed in more detail as follows:

#### **HOLE H08-01**

This hole was drilled approximately 175 meters east of the east trench. The hole collared in a weakly altered (chlorite, hematite) feldspar porphyry to 13.0 meters before intersecting and remaining in mafic volcanic rocks to the end of the hole, with the exception of the intersection of a pink felsite dyke from 111.0 to 119.0 meters. A zone of weak to moderate sericite–carbonate altered mafic volcanic rocks corresponding to the surface showing and IP anomaly was intersected between 27.3 and 47.2 meters. Fine disseminated pyrite (trace to 1%) was noted locally throughout the altered interval. The entire 19.9 meters of alteration returned 0.2 gpt Au, with an internal higher grade section returning 1.07 gpt over 2.9 meters. The upper contact of the pink felsite dyke returned 1.53 gpt au over 1.4 meters.

#### **HOLE H08-02**

Hole H08-02 was drilled to test for gold mineralization underneath the east trench. The hole collared and remained in mafic volcanic rocks (pillowed to massive flows). Moderate to strong sericite-carbonate +/- hematite +/- albite alteration was intersected from 13.7 meters to 45.1 meters down hole. Only minor (<3%) fine sulphides were noted intermittently throughout the interval, generally associated with areas of more intense sericite alteration. The entire 31.9 meter altered section returned 0.20 gpt Au, with narrow higher grade intersections returning 0.63 gpt Au over 1.0 meter (20.7m to 21.7m) and 1.90 gpt Au over 1.0 meter (29.7m to 30.7m). Further down the hole, two narrow sulphide-rich sericite altered intervals returned 3.42 gpt Au over 0.2 meters (55.7m to 55.9m) and 1.14 gpt Au over 0.3 meters (57.4m to 57.7m).

#### **HOLE H08-03**

Hole H08-03 was drilled to test the down dip extension of the mineralization in the west trench, where surface grab samples returned up to 6.4 gpt Au. As in hole H08-02, the hole cored mafic volcanic rocks from 13.8 meters through to the end of the hole, with the exception of a narrow intersection of feldspar porphyry from 40.95 to 42.0 meters. Strong sericite and carbonate alteration (with lesser hematite-albite alteration was intersected from 27.0 meters to 41.0 meters. Local concentrations of fine sulfides (pyrite +/- arsenopyrite) occur in narrow sections (20 cm to 50 cm) throughout the altered sequence. The entire 14 meter interval returned 0.42 gpt Au. Further down hole, two narrow zones of pyrite-sericite alteration were intersected from 127.6 and 129.9 meters and from 148.4 to 148.8 meters. These intervals returned values of 1.07 gpt Au and 2.06 gpt Au respectively.

#### 9.0 CONCLUSIONS AND RECOMMENDATIONS

The three hole drill program was designed to test a new surface gold showing (grab samples of up to 6.4 gpt Au) associated with a 600 meter long coincident chargeability and resistivity IP anomaly. The program successfully explained the anomaly as a sericite-carbonate +/- hematite +/- albite altered package of mafic volcanic rocks (pillowed flows) with local concentrations of trace to up to 10% fine disseminated sulphide. While anomalous gold values ranging from 100 ppb to >2000 ppb were intersected within the altered rocks, the drilling failed to intersect economic gold values.

Based on the results of the drilling, no additional work is recommended at this time.

Repectfully Submitted,

Paul Degagne, P.Geo.



### REFERENCES

Heather, K.B. and van Breemen,O. 1994. An interim report on geological, structural and geochronological investigations of granitoid rocks in the vicinity of the Swayze greenstone belt; in NODA Summary Report 1993-1994, Ontario Ministry of Northern Development and Mines, p.99-108.

Jackson, S.L. et Fyon, A.J. 1991. The western Abitibi subprovince in Ontario; in Geology of Ontario. Ontario Geological Survey, Special Volume 4, pt. 1, pp. 405-482.

## **APPENDIX I**

## **DIAMOND DRILL LOGS**

							BENTON P		CES CORI	Ρ.									
DDH Nu	mber	H08-01					2								Page		1	of	2
Project		HEENAN					TESTS					1	l ogged B	w	P Denan	ne	•	01	
Longth		1/9 00	Dopth	Azimuth	Din	Donth	Azimuth	Din	Donth	Azimuth	Din		Claim #/c	\ \	. 1220916				
Startod		9/29/2008	Deptin	260.0	15 00	Deptil	Azimum	Dip	Deptil	Azimum	Dip			)	NO				
Comple	40 d	9/29/2008		360.0	-45.00		-										wina		
Comple	lea	9/30/2006	29.00	359.0	-45.00								Target(s)			iy, Au Sho lin n	wing		
Easting		395883	149.00	004.0	-46.10								Contracto	or	Norex Dril	ling			
Northing	g	5293083											Comment	IS	Swayze J	V			
Elevatio	n	390													Core store	ed in Timm	ins		
		nad83 zone 17									1		_					1	
From	То		г	Description						Sample	From	То	Interval	Au					
110111	10									Number	110111	10	interval	ppb					
0.00	3.20	Casing								400504	0.00	7.00	1 00	05					
3 20	6 60	Overburden: broken nebbles and rubble.	boulder of arev fine	arained felds	nar nornhvi	V				433501	6.60 7.60	7.60	1.00	25					
5.20	0.00	Overbuilden. bioken pebbles and lubble, i	boulder of grey line	grained relue		y				433502	8 70	10.00	1.10	17					
6.60	13.00	Altered porphyry: very siliceous, feldspar	porphyritc, general	lly grey in colo	our, strong	o moderaat	e pervasive to	patchy		433504	10.00	11.00	1.00	18					
		pink (Kspar) alteration, chloritic hairline to	mm fractures throu	ughout at all a	ingles to cor	e axis. No v	isible sulphide	es s		433505	11.00	12.00	1.00	43					
										433506	12.00	13.00	1.00	27					
13.00	16.40	Mafic Volcanic: massive , fine grained to	aphanitic, light gree	en in colour, g	enerally un	altered with	hairline calcite	e-filled		433507	13.00	14.00	1.00	57					
		stringers throughout.								433508	14.00	15.00	1.00	67					
										433509	15.00	16.00	1.00	50					
										433310	10.00	10.40	0.40	50					
16.40	18.40	Altered Felsite Dyke: pale grey with molle	ed buff (albite?) alte	eration patche	es throughou	ut. Local Ksp	oar altered pat	ches and		433511	16.40	17.40	1.00	41					
		fractures. Trace fine grained sulphide thro	oughout (Pyrite +/- a	arsenopyrite?	). Last 20 cr	n of section	has strong bu	ff colour		433512	17.40	18.40	1.00	153					
		and contains up to 3% sulphides																	
10.10	00.00	M-C-V/L-		Le cal bas se's	te di se ette se	///	·- 0) 0		Les 201	400540	40.40	40.40	1 00						
18.40	26.80	Matic Voicanic: pale green in colour, gene	erally massive with	i local breccia	ted sections	s (flow brecc	ia?). Generali	y unaitered	With	433513	18.40	19.40	1.00	50					
										433514	26.80	27 30	0.50	41					
										400014	20.00	27.00	0.00						
26.80	47.20	ALTERATION ZONE: Fault brecciated ar	nd pervasive to frac	ure controlled	altered pill	owed mafic	flows, alteratio	on consists	of	433515	27.30	28.30	1.00	116					
		variable intensities of carbonate (ankerite)	) - fuchsite - sericite	e - albite with	trace to loca	Illy up to 109	% fine dissemi	inated pyrit	е.	433516	28.30	29.30	1.00	56					
		Unit is brecciated, fractured and varies in	colour from lime gr	een to grey to	to pale bro	wn in colour	, sulphides oc	cur as fine		433517	29.30	30.30	1.00	228					
		disseminations or within harline to 1mm se	cale fracture fillings	;						433518	30.30	31.30	1.00	55					
47.20	60.00	Massive to pillowed matic flow: groop in a	colour leucoveno n	henocruete th	roughout m	inor calcito	stringers			433519	31.30	32.30	1.00	/0					
47.20	09.90	Massive to pillowed malic now, green in t	colour, leucoxelle p		ilougilout, li	intor calcile	sungers			433520	33.30	34.30	1.00	9					
69.90	70.30	ALTERATION ZONE: hematite - carbona	ate altered mafic vo	Icanic (pervas	sive to patch	y pink in col	our). Fine dis	seminated		433522	34.30	35.30	1.00	35					
		pyriye (locally up to 5%) throughout				<i>.</i>				433523	35.30	36.30	1.00	9					
										433524	36.30	37.30	1.00	40					
70.30	84.40	Massive to pillowed mafic flow; green in c	colour, leucoxene p	henocrysts th	roughout, m	inor calcite	stringers			433525	37.30	38.30	1.00	10					
		- 82.5 to 82.6: 3% pyrite in carbonate-ser	ricite-albite alteratio	n zone						433526	38.30	39.30	1.00	8					
84.40	87 20		with spotty (1% to )	2%) discomin	ated purite					433527	39.30	40.30	1.00	12 25					
04.40	07.30	ALILIATION ZONE. CAIDONALE DIECCIA			aleu pynie					433529	41.30	42.30	1.00	20 11					
87.30	88.20	Intermediate Dyke: crowded feldspar por	phyry in pale green	matrix. mMo	derately silio	eous, conta	ct at 50 dea.	TCA.		433530	42.30	43.30	1.00	591					
		· · · · · · · · · · · · · · · · · · ·	, , , , , , , , , , , , , , , , , , , ,			,				433531	43.30	44.15	0.85	183					
88.20	111.00	Massive to pillowed mafic flow; green in c	colour, leucoxene p	henocrysts th	roughout, n	inor calcite	stringers, una	ltered looki	ng	433532	44.15	45.20	1.05	2359					
										433533	45.20	46.20	1.00	52					

	BENTON RESOURCES CORP. DIAMOND DRILL LOG											
DDH Nur	nber	H08-01		Page	2	of	2	•				
From	То	Description	Sample Number	From	То	Interval	Au ppb					
111.00	119.00	Pink Felsite Dyke: pervasive pink (hematite?) coloured, siliceous apyric unit with trace to locally 2% fine pyrite	433534	STD	AUG1: 1.01	9 gpt	970					
119.00	149.00	Massive to pillowed mafic flow; green in colour, leucoxene phenocrysts throughout, minor calcite stringers, unaltered looking	433535	46.20	47.20	1.00	25					
	149.00	End Of Hole	433536 433537	47.20 48.20	48.20 49.20	1.00	14 47					
			433538	49.20	50.20	1.00	31					
			433539	69.90	70.30	0.40	413					
			433540	82.40	82.70	0.30	144					
			433541	83.90	84.40	0.50	21					
			433542	84.40	85.40	1.00	102					
			433543	85.40	86.40	1.00	37					
			433545	87.30	87.30	0.90	99 7					
				07.00	07.00	0.00	•					
			433546	110.60	111.00	0.40	207					
			433547	111.00	112.00	1.00	2059					
			433548	112.00	113.00	1.00	49					
			433550	114.00	115.00	1.00	43 17					
			433551	115.00	116.00	1.00	51					
			433552	STD	AUG1: 1.01	9 gpt	1070					
			433552	116.00	117.00	1.00	49					
			433552	117.00	118.00	1.00	<5					
			433552	110.00	119.00	0.50	93 7					
			400002	110.00	110.00	0.00						
			1						1	1		
											ļ	
									+			
			+	+					1			
									1			

							BENTON P	RESOUR OND DRI	CES CORI LL LOG	Ρ.									
DDH Nu	mber	H08-02													Page		1	of	2
Project		HEENAN					TESTS						Logged B	By	P. Degag	ne		•	
Lenath		149.00	Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip		Claim #(s	) )	4220816				
Started		10/2/2008	collar	360.0	-45.00			- 1					Core Size	,	NQ				
Comple	ted	10/3/2008	26.00	001.7	-43 20		1						Target(s)		IP Anoma	alv Au Sho	wina		
Fasting		395715	1/9.00	001.7	-11 50								Contracto	hr.		llina	wing		
Northing	~	5202100	149.00	005.9	-44.30								Common		Swayzo I	W N			
Flovetio	y m	3293100											Comment	15	Coro otor	v ad in Timm	ine		
Elevatio	n	388													Core store		lins		
		nad83 zone 17										1			1			1	
From	То		0	Description						Sample	From	То	Interval	Au					
	-			•						Number	-	-		ppb					
0.00	12.00	Cooing											-						
0.00	12.00	Casilly								433574	13 70	14 70	1 00	9	-				-
12.00	13 70	Mafic Volcanic - very fine grained, geen, u	unaltered looking. E	leached look	from 13 to <sup>2</sup>	13.5 (beainn	ing of alteratio	on zone)		433575	14.70	15 70	1.00	6					
12.00	10.10		analierea leerinig. 2				ng or anorano			433576	15.70	16.70	1.00	16					
13.70	45.10	ALTERATION ZONE: very altered and hy	yrothermally breccia	ated mafic vol	canic. Pale	grey to yello	w to "salmon'	' pink in col	our,	433577	16.70	17.70	1.00	24					
		alteration consits of strong sericite-carbon	nate-hematite-albite	with trace to	1% fine pyr	ite througho	ut but locally >	>3%% as fr	acture										
		fillings or as breccia matrix. Generally buf	ff to pale yellow to g	rey in colour						433578	STD	AUG1: 1.0	19 gpt	1034					
		- from 25.5 to 41.0; pervasive "salmon pir	nk" alteration, poss	ibly mix of ser	icite and he	matite. Trac	e sulphides th	roughout											
		possible tourmaline in fractures								433579	17.70	18.70	1.00	21					
45.10	55 70	Billowed Mefie velocatio: year fine grained	d note groop to gro	on in colour d	oporally up	altored looki	na with minor	oploito		433580	18.70	19.70	1.00	22					
43.10	55.70	stringers throughout	a, pale green to gree		lenerally un			Calcile		433582	20.70	20.70	1.00	628					
										433583	20.70	22.70	1.00	117					
55.70	55.85	Carbonate-Fuchsite-Pyrite (15%) alteratio	on zone							433584	22.70	23.70	1.00	41					
		••••••••••••••••••••••••••••••••••••••								433585	23.70	24.70	1.00	36					
55.85	57.40	Pillowed Mafic volcanic: very fine grained	d, pale green to gree	en in colour, g	enerally un	altered looki	ng with minor	calcite		433586	24.70	25.70	1.00	219					
		stringers throughout.								433587	25.70	26.70	1.00	83					
										433588	26.70	27.70	1.00	128					
57.40	57.70	5% pyrite in narrow carbonate alteration a	zone							433589	27.70	28.70	1.00	61 75					
57 70	1/8/10	Pillowed Matic volcanic: very fine grained	h nale areen to area	en in colour, c	enerally un	altered looki	na with minor	calcite		433590	28.70	29.70	1.00	1808					
51.10	140.40	stringers throughout.	a, paie green to gree		chorally an		ng with himor	ouloite		433592	30.70	31.70	1.00	94					
		- Iron Formation - single stringer (2cm in	thickness) at 120.8	3, jasper and i	nagnetite ri	ch, very mag	gnetic			433593	31.70	32.70	1.00	32					
			·····		Ŭ					433594	32.70	33.70	1.00	43					
148.40	148.75	ALTERATION ZONE: grey bleached, carb	bonate rich with 5%	fine pyrite						433595	33.70	34.70	1.00	129					
										433596	34.70	35.70	1.00	155					
148.75	149.00	Pillowed Mafic volcanic: very fine grained	d, pale green to gree	en in colour, g	enerally un	altered looki	ng with minor	calcite		433597	35.70	36.70	1.00	87					
		stringers throughout.								433598	36.70	37.70	1.00	82					
	1/0 00	End Of Hole								433599	37.70	38.70	1.00	25					
	140.00									433601	39.70	40 70	1.00	28					
										433602	STD	AUG1: 1.0	19 gpt	946					
										422002	40.70	44 70	1 00	40					
										433603	40.70	41.70	1.00	12					
										433605	41.70	43 70	1.00	56		+			
										433606	43.70	44.70	1.00	86	1	+			
										433607	44.70	45.60	0.90	13	1	1			
										l	T								

	BENTON RESOURCES CORP. DIAMOND DRILL LOG											
DDH Nur	nber	H08-02						Page	2	of	2	-
From	То	Description	Sample Number	From	То	Interval	Au ppb					
			433608	STD	AUG1: 1.0 <sup>-</sup>	9 gpt	1025					
			422600	55 70	55 95	0.15	2415					
			433609	55.70	55.65	0.15	3415					
			433610	57.40	57.70	0.30	1143					
											<u> </u> /	
											<u> </u> /	
									1		1	

1
Ni
ppm

### **APPENDIX II**

# **DIAMOND DRILL SECTIONS**







### **APPENDIX III**

## ASSAY CERTIFICATES



Friday, October 24, 2008

Benton Resources Corp.	Date Received:	Oct 10, 2008
611 Montreal Street Thunder Bay, ON, CA	Date Completed:	Oct 24, 2008
P7E3P2		
Ph#: (807) 475-7474		
Fax#: (807) 475-7200	Job #:	200843826
Email#: sstares@bentonresources.ca, cbarr@bentonresources.ca	Reference:	Swayze-Heenan

Sample #:

115

Core

316103 $433501$ $25$ $<0.001$ $316104$ $433502$ $64$ $0.002$ $316105$ $433503$ $17$ $<0.001$ $316106$ $433504$ $18$ $<0.001$ $316107$ $433505$ $43$ $0.001$ $316108$ $433506$ $27$ $<0.001$ $316109$ $433507$ $57$ $0.002$	0.025 0.064 0.017
316104 $433502$ $64$ $0.002$ $316105$ $433503$ $17$ $<0.001$ $316106$ $433504$ $18$ $<0.001$ $316107$ $433505$ $43$ $0.001$ $316108$ $433506$ $27$ $<0.001$ $316109$ $433507$ $57$ $0.002$ $216110$ $422508$ $67$ $0.002$	0.064 0.017
316105 $433503$ $17$ $<0.001$ $316106$ $433504$ $18$ $<0.001$ $316107$ $433505$ $43$ $0.001$ $316108$ $433506$ $27$ $<0.001$ $316109$ $433507$ $57$ $0.002$ $216110$ $422508$ $67$ $0.002$	0.017
316106   433504   18   <0.001	
316107   433505   43   0.001     316108   433506   27   <0.001	0.018
316108   433506   27   <0.001	0.043
316109 433507 57 0.002   216110 433508 67 0.002	0.027
21/2110 422509 (7 0.002	0.057
310110 433508 67 0.002	0.067
316111 433509 31 <0.001	0.031
316112 Dup 433509 36 0.001	0.036
316113 433510 50 0.001	0.050
316114 433511 41 0.001	0.041
316115 433512 153 0.004	0.153
316116 433513 52 0.002	0.052
316117 433514 9 <0.001	0.009
316118 433515 116 0.003	0.116
316119 433516 56 0.002	0.056
316120 433517 228 0.007	0.228
316121 433518 55 0.002	0.055
316122 433519 73 0.002	0.073
316123 Dup 433519 67 0.002	0.067
316124 433520 9 <0.001	0.009
316125 433521 6 <0.001	0.006
316126 433522 35 0.001	0.035



Friday, October 24, 2008

Benton Resources Corp.	Date Received:	Oct 10, 2008
611 Montreal Street Thunder Bay, ON, CA	Date Completed:	Oct 24, 2008
P7E3P2		
Ph#: (807) 475-7474		
Fax#: (807) 475-7200	Job #:	200843826
Email#: sstares@bentonresources.ca, cbarr@bentonresources.ca	Reference:	Swayze-Heenan

Sample #:

115

Core

Au Au Au Client ID Acc # ppb oz/t g/t (ppm) 316127 433523 9 < 0.0010.009 0.040 316128 433524 40 0.001 316129 433525 10 < 0.001 0.010 0.008 316130 433526 8 < 0.001316131 433527 12 < 0.001 0.012 316132 433528 25 < 0.001 0.025 433529 10 < 0.001 0.010 316133 316134 Dup 433529 11 < 0.0010.011 591 0.591 316135 433530 0.017 433531 316136 183 0.005 0.183 433532 2359 2.359 316137 0.069 0.052 316138 433533 52 0.002 970 316139 433534 0.028 0.970 316140 433535 25 < 0.0010.025 316141 433536 < 0.001 0.014 14 316142 433537 47 0.001 0.047 316143 433538 < 0.001 0.031 31 316144 433539 438 0.013 0.438 433539 387 0.011 0.387 316145 Dup 0.004 316146 433540 144 0.144 316147 433541 21 < 0.0010.021 316148 433542 102 0.003 0.102 316149 433543 37 0.001 0.037 316150 433544 99 0.003 0.099



Friday, October 24, 2008

Benton Resources Corp.	Date Received:	Oct 10, 2008
611 Montreal Street Thunder Bay, ON, CA	Date Completed:	Oct 24, 2008
P7E3P2		
Ph#: (807) 475-7474		
Fax#: (807) 475-7200	Job #:	200843826
Email#: sstares@bentonresources.ca, cbarr@bentonresources.ca	Reference:	Swayze-Heenan

Sample #:

115

Core

Au Au Au Client ID Acc # ppb oz/t g/t (ppm) 316151 433545 7 < 0.0010.007 316152 433546 207 0.006 0.207 316153 433547 2059 0.060 2.059 0.049 316154 433548 49 0.001 316155 433549 45 0.001 0.045 316156 Dup 433549 59 0.002 0.059 433550 17 < 0.001 0.017 316157 316158 433551 51 0.001 0.051 1070 0.031 1.070 316159 433552 316160 433553 0.001 0.049 49 433554 < 0.005 316161 <5 < 0.0010.093 316162 433555 93 0.003 7 316163 433556 < 0.001 0.007 316164 433557 <5 < 0.001 < 0.005316165 433558 < 0.001 0.015 15 316166 433559 453 0.013 0.453 433559 470 0.014 0.470 316167 Rep 433560 338 0.010 0.338 316168 316169 433561 960 0.028 0.960 498 0.498 316170 433562 0.015 316171 433563 688 0.020 0.688 316172 433564 421 0.012 0.421 316173 433565 422 0.012 0.422 316174 433566 1041 0.030 1.041



Friday, October 24, 2008

Benton Resources Corp. 611 Montreal Street Thunder Bay, ON, CA			ources Corp.Date Received:val StreetDate Completed:vy, ON, CADate Completed:		: Oct 10, 2008 : Oct 24, 2008	
P7E3P2 Ph#: (807) 475-7474 Fax#: (807) 475-7200 Email#: sstares@bentonrea		ources.ca, cbarr@bentonresources.ca		Job #: Reference: Sample #:	200843826 Swayze-Heenan 115 Core	
Acc #	ŧ	Client ID	Au ppb	Au oz/t		Au g/t (ppm)
316175	ō	433567	912	0.027		0.912
316176	ō	433568	265	0.008		0.265
316177	,	433569	128	0.004		0.128
316178	B Dup	433569	133	0.004		0.133
316179	)	433570	75	0.002		0.075
316180	)	433571	102	0.003		0.102
316181	_	433572	161	0.005		0.161
316182	2	433573	28	< 0.001		0.028
316183	3	433574	6	<0.001		0.006
316184	Ļ	433575	6	< 0.001		0.006
316185	5	433576	16	<0.001		0.016
316186	õ	433577	24	< 0.001		0.024
316187	1	433578	1034	0.030		1.034
316188	3	433579	25	< 0.001		0.025
316189	Dup	433579	17	< 0.001		0.017
316190	)	433580	22	< 0.001		0.022
316191		433581	32	< 0.001		0.032
316192	2	433582	628	0.018		0.628
316193	3	433583	117	0.003		0.117
316194	Ļ	433584	41	0.001		0.041
316195	5	433585	36	0.001		0.036
316196	5	433586	219	0.006		0.219
316197	7	433587	83	0.002		0.083

128

0.004

0.128

433588

316198



Friday, October 24, 2008

Acc #

Benton Resources Corp.	Date Received:	Oct 10, 2008
611 Montreal Street Thunder Bay, ON, CA	Date Completed:	Oct 24, 2008
P7E3P2		
Ph#: (807) 475-7474		
Fax#: (807) 475-7200	Job #:	200843826
Email#: sstares@bentonresources.ca, cbarr@bentonresources.ca	Reference:	Swayze-Heenan

Sample #: 115 Core Au oz/t Au ppb Au Client ID g/t (ppm)

			ppo	0Z/t	g/t (ppm)
316199		433589	66	0.002	0.066
316200	Dup	433589	56	0.002	0.056
316201		433590	75	0.002	0.075
316202		433591	1898	0.055	1.898
316203		433592	94	0.003	0.094
316204		433593	32	<0.001	0.032
316205		433594	43	0.001	0.043
316206		433595	129	0.004	0.129
316207		433596	155	0.005	0.155
316208		433597	87	0.003	0.087
316209		433598	82	0.002	0.082
316210		433599	23	<0.001	0.023
316211	Dup	433599	26	< 0.001	0.026
316212		433600	32	<0.001	0.032
316213		433601	28	<0.001	0.028
316214		433602	946	0.028	0.946
316215		433603	12	< 0.001	0.012
316216		433604	133	0.004	0.133
316217		433605	56	0.002	0.056
316218		433606	86	0.003	0.086
316219		433607	13	<0.001	0.013
316220		433608	1025	0.030	1.025
316221		433609	3130	0.091	3.130
316222	Dup	433609	3700	0.108	3.700



Friday, October 24, 2008

Benton Resources Corp. 611 Montreal Street Thunder Bay, ON, CA P7E3P2			Date Received: Date Completed:	Oct 10 Oct 24	0, 2008 4, 2008
Ph#: (807) 475-7474 Fax#: (807) 475-7200 Email#: sstares@bentonresources.ca, cbarr@bentonresources.ca			Job #: 200843826 Reference: Swayze-Heena		3826
					ze-Heenan
			Sample #:	115	Core
Acc #	Client ID	Au ppb	Au oz/t		Au g/t (ppm)
316223	433610	1143	0.033		1.143
316224	433611	144	0.004		0.144
316225	433612	1070	0.031		1.070
316226	433613	47	0.001		0.047
316227	433614	2061	0.060		2.061
316228	433615	128	0.004		0.128

Certified By:

PROCEDURE CODES: AL4AU3

Derek Demianiuk H.Bsc., Laboratory Manager

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

AL903-0167-10/24/2008 3:55 PM