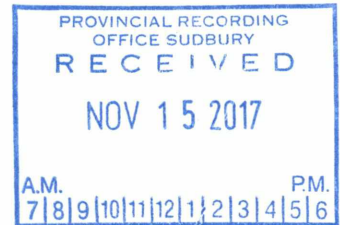


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2.58322

 GOLDCORP
PORCUPINE GOLD MINES



Diamond Drill Report for Assessment Purposes
Drill Hole DFDZ07_S1_02
Claim P13192 (65398-0171)
Tisdale Township
Dome Mine, Timmins, Ontario

Saralyn Hayward, P. Geo
Project Geologist
Porcupine Gold Mines
October 17, 2017

1.0 Introduction and Summary

Diamond drill hole DFDZ07_S1_02 began drilling on August 14, 2017 and was completed August 15, 2017. It was drilled as part of an exploration program for the expansion of the Dome Open Pit to the northeast. This diamond drill hole was drilled by Orbit Garant for Porcupine Gold Mines on mining claim P13192 (65398-0171) in Tisdale Township, and totalled 403.5 feet (123 metres).

DFDZ07_S1_02 was drilled from 10 Level of Dome Mine located at 4315 Gold Mine Road, South Porcupine, ON., P0N 1H0. Access is by taking the #8 Shaft to 10 Level.

The work was supervised by Anne Charland and Ken Tylee, both of Goldcorp - Porcupine Gold Mines, 4315 Gold Mine Road, South Porcupine, ON, P0N 1H0. The hole was drilled by Orbit Garant and logged by Peter Harvey and Alex Jibb. Technical support and whole core sampling was performed by Jack Pluta. Assays were performed by ALS Minerals.

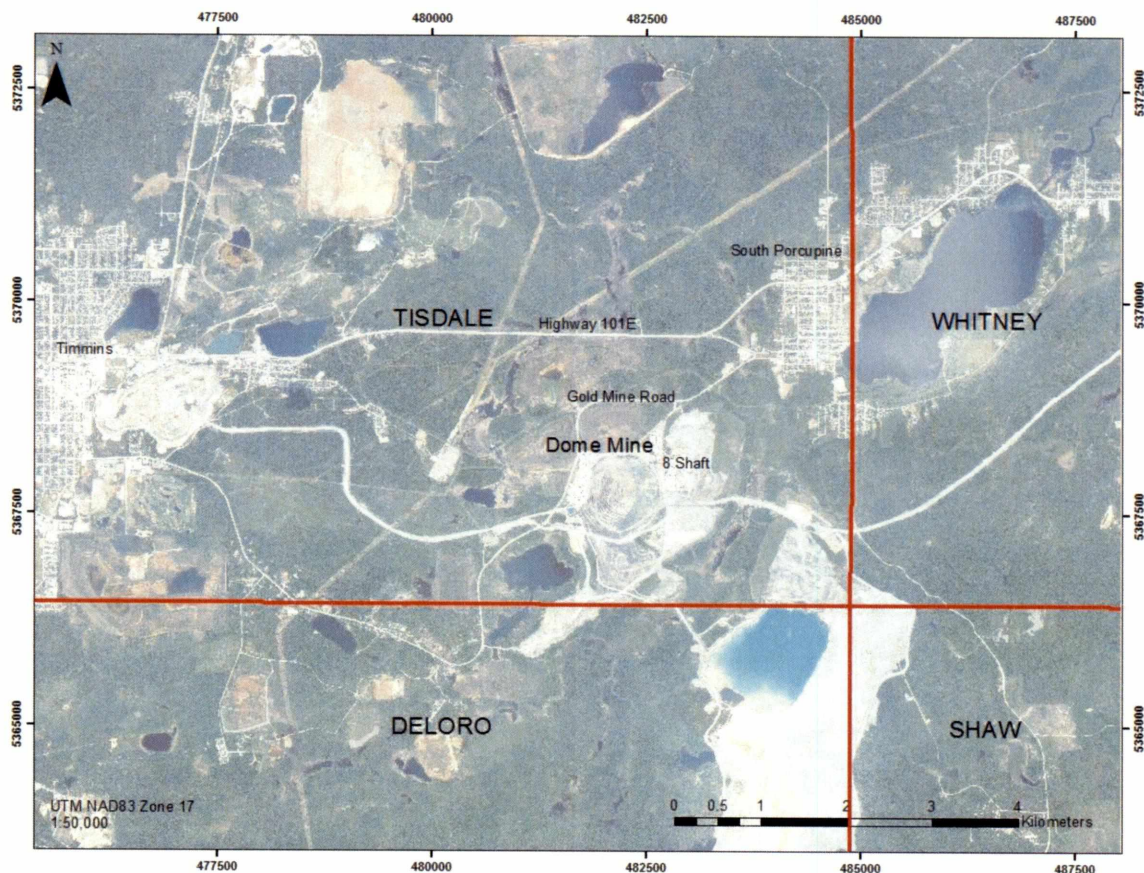


Figure 1: Dome Mine Location Map

2.0 Summary of Work at Dome Mine

The Dome Mine was discovered in 1909, when prospecting led to quartz veining with visible gold. It began production in 1910 and has produced more than 16 million ounces of gold. Underground production ran from 1910 until 2004, and re-opened in 2006. An open pit was in production from 1994 until 2006. More than 33,500 diamond drill holes have explored the property both from surface and underground.

3.0 References

Barr, E. ed. 2014. Dome Mine. Internal handout; Porcupine Gold Mines.

Pressacco, R., ed. 1999. Special project: Timmins ore deposit descriptions; Ontario Geological Survey, Open File Report 5985, 189p.

4.0 Appendix

The plan and sections are in pennyweights per short ton (dwt/tn) and use the Dome Mine Grid which uses imperial units. All drill logs are converted to metric units.

1.555174 dwt	grams
31.103477 tn	grams
1.714286 dwt/tn	g/t
dwt/tn	0.583333 g/t
ft	0.3048 meters
3.28083 ft	1 m

Lithologies

SS2	Conglomerate
SS6	Greywacke/Argillite
QV	Quartz Vein
VM	Mafic Volcanic
LC	Lost Core

Structure

BD	Bedded
FLT	Fault
SHR	Shear
FOL	Foliation

Alteration

SE	Sericitization
AK	Ankeritization
CB	Carbonatization
CL	Chloritization

Veining

QZ	Quartz
QZ-CB	Quartz-Carbonate
QZ-TO	Quartz-Tourmaline
QZ-AK	Quartz-Ankerite

Veining Texture

STR	Stringer
BX	Breccia Vein
Flood	Flooding
MV	Massive Vein

Mineralization

PY	Pyrite
PO	Pyrrhotite
CP	Chalcopyrite

Statement of Qualifications

I, Saralyn Hayward, of Timmins, ON, do hereby certify that:

1. I am currently employed as a project geologist by Goldcorp Canada Ltd. – Porcupine Gold Mines
2. I am a member of the Association of Professional Geoscientists of Ontario, #2441
3. I graduated from the University of Western Ontario in London, ON in 2008 with a Specialization in Geology, and again in 2010 with an M.Sc in Geology
4. I have worked almost continuously since graduation in 2010

Signed at Timmins, Ontario, October 17, 2017



Saralyn Hayward, M.Sc. P.Geo
Project Geologist
Goldcorp Canada Ltd.
Porcupine Gold Mines

Survey			
Depth(m)	Azimuth	Dip	Remarks
0.00	53.5	40	
18.00	53.9	40.1	
51.00	51.4	40	
81.00	48.6	39.4	
111.00	55.8	39.1	

Hole # DFDZ07_S1_02

Claim No.
P13192

Location
10L: 8 Shaft

Grid Easting Northing Elevation Drill Contractor Core Storage
DOME_IMPERIAL 6307.4 5514.3 4861.00 Orbit Garant

Date Test Core Size Logged By Length (m) Start Date End Date
8/19/2017 EZ Shot BQ 123 8/14/2017 8/15/2017

Remarks AJ logged 96m to EOH



Lithology					Assays											
From (m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	Remarks
0.00	2.00	dark gey gwk, 30% slates, few cm qtz stgrs	SS6			0.00	1.00	D126229	0.01	QZ						
						1.00	2.00	D126230	0.01	QZ						
2.00	3.00	20cm qtz-ank vn	QV			2.00	3.00	D126231	0.04	QZ-AK		0.5				20cm qtz-ank, tr py
3.00	18.00	dark gwk, 30% slates, bedding 70CA, few cm qtz stgrs through, slates blocky.	SS6			3.00	4.50	D126233	0.00	QZ						
						4.50	6.00	D126234	0.01	QZ						
						6.00	7.50	D126235	0.00	QZ						
						7.50	9.00	D126236	0.00	QZ						
						9.00	10.50	D126238	0.01	QZ						
						10.50	12.00	D126239	0.00	QZ						
						12.00	13.50	D126240	0.00	QZ						
						13.50	15.00	D126241	0.01	QZ						
						15.00	16.50	D126242	0.01	QZ-AK						
						16.50	18.00	D126243	0.01	QZ						
18.00	30.00	dark gwk w 30%slates, bedding 20-80CA	SS6			18.00	19.50	D126244	0.01							
						19.50	21.00	D126245	0.01	QZ						
						21.00	22.50	D126246	0.01	QZ						
						22.50	24.00	D126248	0.01							
						24.00	25.50	D126249	0.01	QZ						
						25.50	27.00	D126250	0.01							
						27.00	28.50	D126251	0.01	QZ						
						28.50	30.00	D126253	0.01							
30.00	31.50	light weak ser gwk w few cm qtz stgrs, diss py in gwk	SS6		SE	30.00	31.50	D126254	0.01	QZ-AK		1				
31.50	54.00	blocky dark grey gwk, 50% slates, bedding random, few cm stgrs.	SS6			31.50	33.00	D126256	0.01	QZ		0.5				
						33.00	34.50	D126257	0.00							
						34.50	36.00	D126258	0.00			0.5				
						36.00	37.50	D126259	0.01	QZ		0.5				
						37.50	39.00	D126260	0.01							
						39.00	40.50	D126261	0.01	QZ						
						40.50	42.00	D126262	0.01	QZ						
						42.00	43.50	D126263	0.01							
						43.50	45.00	D126265	0.01	QZ						
						45.00	46.50	D126266	0.01	QZ						
						46.50	48.00	D126267	0.01	QZ						
						48.00	49.50	D126268	0.01			0.5				
						49.50	51.00	D126269	0.01							
						51.00	52.50	D126271	0.01			0.5				
						52.50	54.00	D126272	0.01			0.5				
54.00	60.00	slight change to lite grey gwk, 30% dark, blocky slates, low angle bedding.	SS6		SE	54.00	55.50	D126273	0.00			0.5				
						55.50	57.00	D126275	0.01							blocky slates
						57.00	58.50	D126276	0.01							
						58.50	60.00	D126277	0.01							
60.00	60.70	v blocky rubble sheared gwk contact to conglom.	SS6			60.00	60.70	D126278	0.01							fit
60.70	68.00	stg altd high strain brown conglom, cm scale clasts, white qtz-ank stgrs.	SS2		AK	60.70	62.00	D126279	0.07	QZ-AK		0.5				
						62.00	63.00	D126280	0.01	QZ-AK						
						63.00	64.00	D126281	0.04	QZ-AK		0.5				
						64.00	65.00	D126282	0.01	QZ-AK						
						65.00	66.00	D126283	0.02	QZ-AK						
						66.00	67.00	D126284	0.03	QZ-AK						
						67.00	68.00	D126286	0.01			0.5				
68.00	69.50	irreg low angle qtz-ank vns in mixed cgl.	QV		AK	68.00	69.50	D126287	0.21	QZ-AK		1				low angle vns
69.50	79.60	light grey-brown conglom, mixed clasts w 10% porp on cm-10cm scale, stg strained, few 1-10cm veins w py, po.	SS2		AK	69.50	70.50	D126288	0.91	QZ-AK		5	0.5			diss py
						70.50	71.50	D126289	0.25	QZ-AK		2	0.5			
						71.50	72.50	D126290	0.14	QZ-AK		1	0.5			
						72.50	73.50	D126291	0.94			1	2			blebby po
						73.50	74.50	D126292	1.09			1	2			blebby po
						74.50	75.50	D126294	2.35	QZ-AK		1				

Survey			Remarks
Depth(m)	Azimuth	Dip	
0.00	53.5	40	
18.00	53.9	40.1	
51.00	51.4	40	
81.00	48.6	39.4	
111.00	55.8	39.1	

Hole # DFDZ07_S1_02

Claim No.
P13192

Location
10L: 8 Shaft

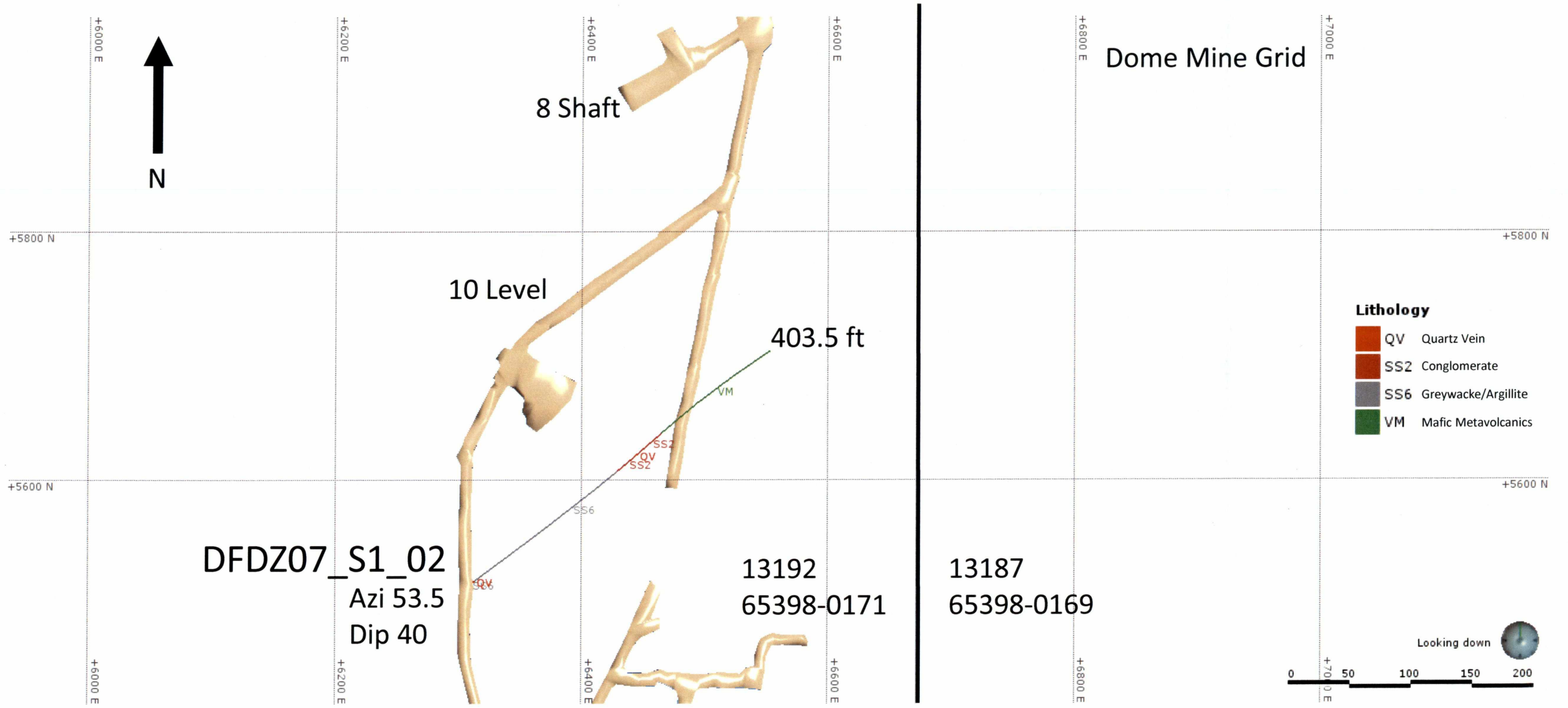
Grid DOME_IMPERIAL Easting 6307.4 Northing 5514.3 Elevation 4861.00 Drill Contractor Orbit Garant Core Storage

Date 8/19/2017 Test EZ Shot Core Size BQ Logged By Length (m) 123 Start Date 8/14/2017 End Date 8/15/2017

Remarks AJ logged 96m to EOH



Lithology						Assays										Remarks
From (m)	To (m)	Remarks	Lithology	Texture	Altn	From	To	Sample#	Au g/t	Veining	% QV	% Py	% Po	% Aspy	VG	
79.60	108.00	sharp contact to pale grey ank msv voic w fg leux, fol at 70CA, few qtz-ank stgrs and areas py-po	VM	M	AK	75.50	76.50	D126295	1.25			1				
						76.50	77.50	D126296	0.42			2				
						77.50	78.50	D126298	1.90			1	1			mixed conglom, minor blebby py-po-cpy
						78.50	79.60	D126299	1.47			3	2			coarse py-po-cpy
						79.60	81.00	D126300	0.80	QZ		0.5				
						81.00	82.50	D126301	0.40			1	0.5			
						82.50	84.00	D126302	0.26	QZ		1				
						84.00	85.50	D126303	0.13	QZ		3				
						85.50	87.00	D126304	2.38	QZ-AK		3				cm qtz-ak stgrs in foi at 70CA
						87.00	88.00	D126305	1.07	QZ-AK		3	0.5			
						88.00	89.00	D126307	2.03	QZ-AK		5	2			10cm vn at 70CA, diss py through
						89.00	90.00	D126308	0.36	QZ-AK		10	1			cm qtz-ank stgrs w py-po, and coarse py through
						90.00	91.00	D126310	0.32	QZ-AK		1				
						91.00	92.00	D126311	3.64	QZ-AK		3				
						92.00	93.00	D126312	1.28	QZ						
						93.00	94.00	D126313	1.20	QZ		0.5				
						94.00	95.00	D126314	0.77	QZ		0.5				
						95.00	96.00	D126316	0.39	QZ-AK		1	0.5			cm stgrs w py-po-cpy
						96.00	97.00	D126317	1.12	QZ-AK		1				BXD clastic VM w FU frac fill at start of interv
						97.00	98.00	D126318	0.68	QZ		0.5				10cm msv WQ vn incl free
						98.00	99.00	D126319	0.00			0.5				
						99.00	100.00	D126320	0.01	QZ		0.5				BXD w/ cm-sized QZ clasts
						100.00	101.00	D126321	0.00	QZ-AK		0.5	0.1			cm stringers w/ po-py
						101.00	102.00	D126322	0.03	QZ						QZ-CL stringers w amygd @ 101.7m
						102.00	103.00	D126323	0.01	QZ-TO		0.5				QZ-TO-CL stringers lcly bxd
						103.00	104.00	D126325	0.01	QZ-CB		0.5				amygd w cm-sized ak clasts, wkly bxd interv cut by few qz-cb stringers
						104.00	105.00	D126326	0.00	QZ-CB		0.5				
						105.00	106.00	D126327	0.00	QZ-CB		1				wkly def cm-sized qz-cb stngs, 1% py in/around vng
						106.00	107.00	D126328	0.00	QZ-CB		1				
						107.00	108.00	D126329	0.00	QZ-CB		0.5				cm-sized qz-cb stringers, amygd lcly
108.00	123.00	Drk gm fg metavolcanic cut by 1% CB stringer 0.5% Py min euhed to dissem	VM	M	CB	108.00	109.00	D126331	0.00	QZ-CB		0.5				cntct w upper VM sharp @ 108m, few cb stngs
						109.00	110.00	D126332	0.00	QZ-CB		1				cg euhed py 1-3mm sized through to 114m
						110.00	111.00	D126333	0.00	QZ-CB		1				
						111.00	112.50	D126334	0.01	QZ-CB		1				
						112.50	114.00	D126335	0.02	QZ-CB		1				
						114.00	115.50	D126337	0.01	QZ-CB		0.3				fg-mg w lcl amygd, cb stngs, cg euhed py 0.1-0.5% to eoh
						115.50	117.00	D126338	0.00	QZ-CB		0.3				
						117.00	118.50	D126339	0.00	QZ-CB		0.3				
						118.50	120.00	D126340	0.00	QZ-CB		0.3				
						120.00	121.50	D126341	0.01	QZ-CB		0.3				
						121.50	123.00	D126342	0.00	QZ-CB		0.3				eoh 123m



8 Shaft

10 Level

403.5 ft

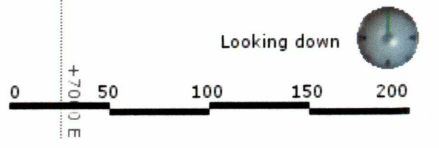
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Azi 53.5
Dip 40

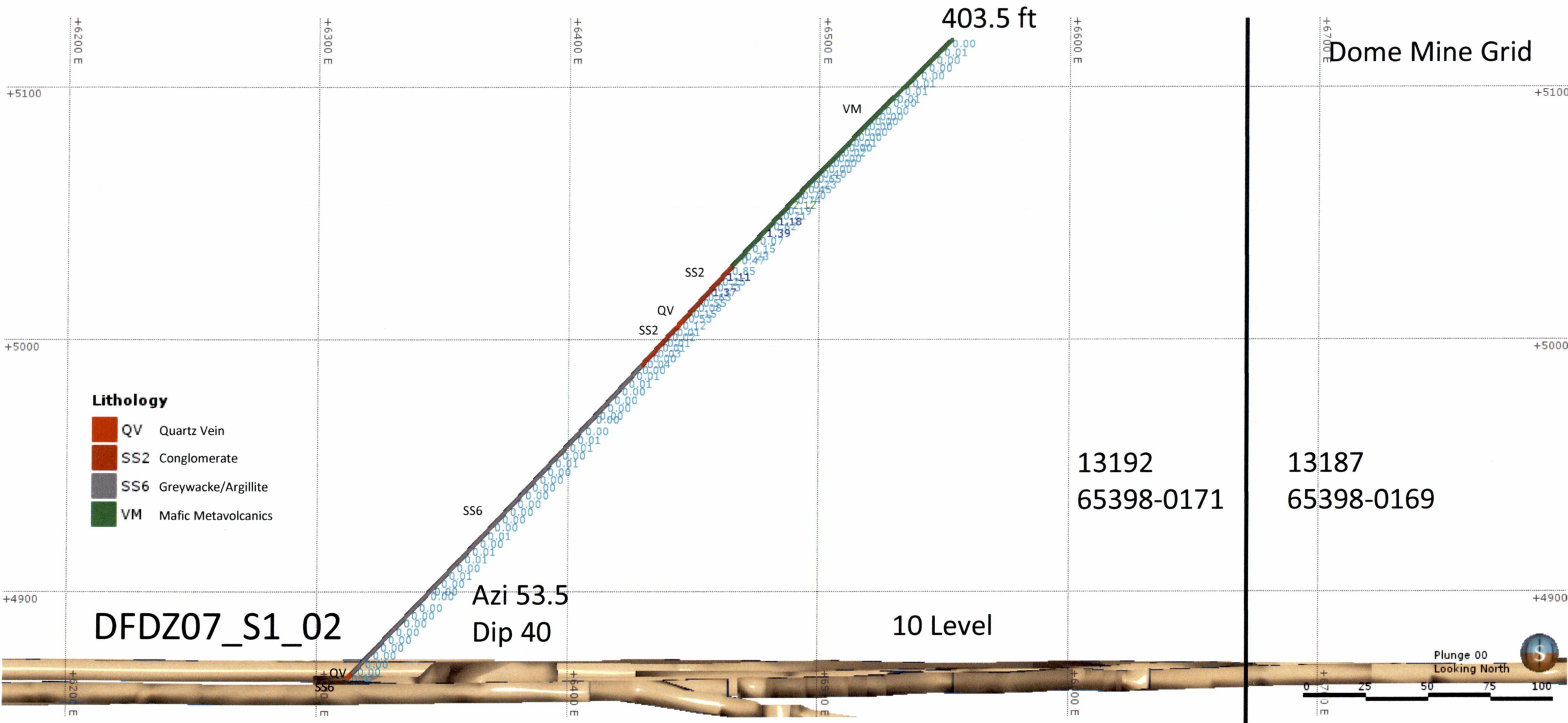
13192
65398-0171

13187
65398-0169

Dome Mine Grid

- Lithology**
- QV Quartz Vein
 - SS2 Conglomerate
 - SS6 Greywacke/Argillite
 - VM Mafic Metavolcanics







ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: GOLDCORP PORCUPINE GOLD MINES
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

Page: 1
Total # Pages: 2 (A)
Plus Appendix Pages
Finalized Date: 12- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17182011

Project: DC1136
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28- AUG- 2017.

The following have access to data associated with this certificate:

DENIS CHARETTE
GOLDCORP - PORCUPINE WEBTRIEVE

ANNE CHARLAND

CLIFF DAVID

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

***** See Appendix Page for comments regarding this certificate *****



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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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SOUTH PORCUPINE ON P0N 1H0

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 12- SEP- 2017
Account: GCDOMN

Project: DC1136

CERTIFICATE OF ANALYSIS TM17182011

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU- 36 CRU- QC LOG- 21
LOG- 23 OA- GRA08 PUL- 32y
SPL- 21 SPL- 21d WEI- 21

LOG- 21d
PUL- QC



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SOUTH PORCUPINE ON P0N 1H0

Page: 1
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Plus Appendix Pages
Finalized Date: 12- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17182014

Project: DC1139
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28- AUG- 2017.

The following have access to data associated with this certificate:

DENIS CHARETTE
GOLDCORP - PORCUPINE WEBTRIEVE

ANNE CHARLAND

CLIFF DAVID

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
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SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

***** See Appendix Page for comments regarding this certificate *****



ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
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To: GOLDCORP PORCUPINE GOLD MINES
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 12- SEP- 2017
Account: GCDOMN

Project: DC1139

CERTIFICATE OF ANALYSIS TM17182014

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU- 36 CRU- QC LOG- 21
LOG- 23 OA- GRA08 PUL- 32y
SPL- 21 SPL- 21d WEI- 21

LOG- 21d
PUL- QC



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SOUTH PORCUPINE ON P0N 1H0

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Finalized Date: 14- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17182023

Project: DC1146
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28- AUG- 2017.

The following have access to data associated with this certificate:

THOMAS BISSIG
CLIFF DAVID
GOLDCORP - PORCUPINE WEBTRIEVE

DENIS CHARETTE
CHRIS OSIOWY

ANNE CHARLAND
ROBERT PENCZAK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
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LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

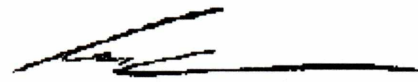
ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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***** See Appendix Page for comments regarding this certificate *****

Signature:


Colin Ramshaw, Vancouver Laboratory Manager



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To: GOLDCORP PORCUPINE GOLD MINES
 CENTURY DOME
 4315 GOLD MINE ROAD
 SOUTH PORCUPINE ON P0N 1H0

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 Finalized Date: 14- SEP- 2017
 Account: GCDOMN

Project: DC1146

CERTIFICATE OF ANALYSIS TM17182023

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg 0.02	CRU- QC Pass2mm % 0.01	PUL- QC Pass75um % 0.01	OA- GRA08 S.G. Unity 0.01	Au- AA24 Au g/t 0.005
D126261		3.97	92.9	97.4		0.006
D126262		3.80		96.0		0.005
D126263		4.23				0.012
D126264		0.65				<0.005
D126265		3.98				0.006
D126266		3.68				0.012
D126267		4.18				0.009
D126268		4.09				0.005
D126269		4.43				0.006
D126270		<0.02				<0.005
D126271		4.39				0.005
D126272		3.89				0.005
D126273		3.60				<0.005
D126274		0.10				1.845
D126275		2.75				0.006
D126276		3.31				0.011
D126277		3.95				0.010
D126278		1.42				0.006
D126279		3.75				0.072
D126280		2.83			2.80	0.007



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Page: Appendix 1
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Finalized Date: 14- SEP- 2017
Account: GCDOMN

Project: DC1146

CERTIFICATE OF ANALYSIS TM17182023

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU- 36 CRU- QC LOG- 21
LOG- 23 OA- GRA08 PUL- 32y
SPL- 21 SPL- 21d WEI- 21

LOG- 21d
PUL- QC



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Finalized Date: 12- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17182027

Project: DC1148
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28- AUG- 2017.

The following have access to data associated with this certificate:

DENIS CHARETTE
GOLDCORP - PORCUPINE WEBTRIEVE

ANNE CHARLAND

CLIFF DAVID

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

***** See Appendix Page for comments regarding this certificate *****



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Project: DC1148

CERTIFICATE OF ANALYSIS TM17182027

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU- 36

CRU- QC

LOG- 21

LOG- 21d

LOG- 23

OA- GRA08

PUL- 32y

PUL- QC

SPL- 21

SPL- 21d

WEI- 21



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Finalized Date: 12- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17182042

Project: DC1156
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 28- AUG- 2017.

The following have access to data associated with this certificate:

DENIS CHARETTE
GOLDCORP - PORCUPINE WEBTRIEVE

ANNE CHARLAND

CLIFF DAVID

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Account: GCDOMN

Project: DC1156

CERTIFICATE OF ANALYSIS TM17182042

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU- 36

CRU- QC

LOG- 21

LOG- 21d

LOG- 23

OA- GRA08

PUL- 32y

PUL- QC

SPL- 21

SPL- 21d

WEI- 21



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Total # Pages: 2 (A)
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Finalized Date: 15- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17183853

Project: DC1203
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 29- AUG- 2017.

The following have access to data associated with this certificate:

THOMAS BISSIG
CLIFF DAVID
GOLDCORP - PORCUPINE WEBTRIEVE

DENIS CHARETTE
CHRIS OSIOWY

ANNE CHARLAND
ROBERT PENCZAK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Finalized Date: 15- SEP- 2017
Account: GCDOMN

Project: DC1203

CERTIFICATE OF ANALYSIS TM17183853

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU- 36

CRU- QC

LOG- 21

LOG- 21d

LOG- 23

OA- GRA08

PUL- 32y

PUL- QC

SPL- 21

SPL- 21d

WEI- 21



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Finalized Date: 18- SEP- 2017
Account: GCDOMN

CERTIFICATE TM17183894

Project: DC1217
P.O. No.: 4570018565
This report is for 20 Drill Core samples submitted to our lab in Timmins, ON, Canada on 29- AUG- 2017.

The following have access to data associated with this certificate:

THOMAS BISSIG
CLIFF DAVID
GOLDCORP - PORCUPINE WEBTRIEVE

DENIS CHARETTE
CHRIS OSIOWY

ANNE CHARLAND
ROBERT PENCZAK

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
LOG- 21d	Sample logging - ClientBarCode Dup
SPL- 21d	Split sample - duplicate
LOG- 21	Sample logging - ClientBarCode
CRU- 36	Fine Crushing - 85% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 32y	Pulv 500 g Split to 90% < 75 um
LOG- 23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au- AA24	Au 50g FA AA finish	AAS
OA- GRA08	Specific Gravity - Bulk Sample	WST- SEQ

To: GOLDCORP PORCUPINE GOLD MINES
ATTN: CLIFF DAVID
CENTURY DOME
4315 GOLD MINE ROAD
SOUTH PORCUPINE ON P0N 1H0

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***** See Appendix Page for comments regarding this certificate *****

Signature:

Colin Ramshaw, Vancouver Laboratory Manager

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 18- SEP- 2017
Account: GCDOMN

Project: DC1217

CERTIFICATE OF ANALYSIS TM17183894

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method:

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au- AA24

Applies to Method:

Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU- 36 CRU- QC LOG- 21
LOG- 23 OA- GRA08 PUL- 32y
SPL- 21 SPL- 21d WEI- 21

LOG- 21d
PUL- QC