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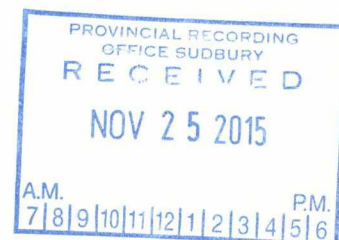
2-56421



Diamond Drill Report for Assessment Purposes
Hoyle Pond Mine, Timmins, Ontario

Drill Holes October 2015
Claims 65016, 65017 in Hoyle Township

Jason Rockel, P. Geo
Sr. Project Geologist
Porcupine Gold Mines
November 18, 2015



1.0 Introduction and Summary

Diamond drilling at Hoyle Pond Mine is a significant component of the exploration strategy. Exploration drilling is used to extend known mineralization footprints and to seek out new mineralized zones in underexplored areas of the mine. Access to the drill platforms is possible via shaft or main ramp.

From October 5th to October 13th, the following two drill holes explored targets within the Hoyle Deposit: 21985, 21986. (Also noted in Table 1 in the appendix).

These holes were collared from underground drill platforms on the 1450 meter level and combined for 562.5 meters of BQ core, transecting the following claims: 65016, 65017.

This work was supervised by the author, Jason Rockel – Senior Project Geologist, as well as Justin George - Lead Minex Geologist and Alain Mainville - Chief Geologist at Goldcorp: Porcupine Gold Mines. Holes were drilled by Orbit Garant and logged by Heather Turnbull (P. Geo limited) and Clyde Wakeford. Technical support and core sampling was performed by Eric Levert. Assays (totalled 51) were performed by Swastika analytical services – which is external to Porcupine Gold Mines.

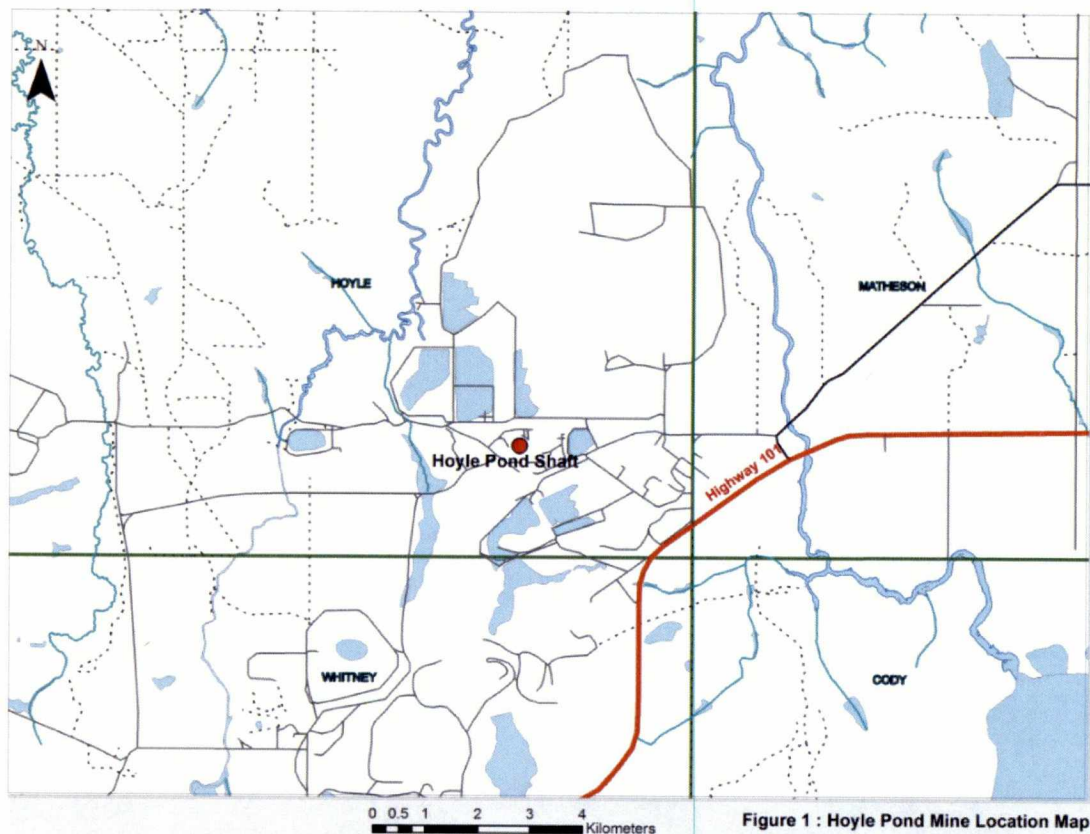


Figure 1: Hoyle Pond Mine Location Map

2.0 Summary of Work at Hoyle Pond Mine

- Discovered in 1968 by Texas Gulf Sulfur while systematically drilling off a number of Timmins-area AEM targets in the wake of their huge Kidd Creek Cu-Zn discovery. Intersected quartz veining associated with carbonaceous alteration.
- Economic gold potential wasn't realized until 1980-1982 drilling led to a reserves estimate of 199,637 tonnes grading 15.1 g/t gold. Followed by development of a ramp system in 1983-1984, the first year of mining in 1985 yielded 64,400 tonnes at an average grade of 13.0 g/t gold.
- Kinross Gold Corporation acquired the deposit from Falconbridge Gold Corporation in late 1993 for approximately \$22M and 9.5M shares & warrants.
- Discovery of the 1060 Zone vein system in early 1994, situated approximately 400m SE of the Hoyle Pond mine infrastructure.
- Aggressive development of a central, 815m deep shaft, secondary ramp access, and excavation of 3 haulage levels (200-440-720mL), occurred between 1995-1999 to exploit the 1060 'side' of the deposit.
- In July 2002, an agreement between Placer Dome (CLA) Limited and Kinross Gold Corporation saw the formation of the *Porcupine Joint Venture*, with Placer acting as the manager by holding a 51% interest.
- In May 2006, Goldcorp formally acquired the Canadian assets (which include the PJV) of Barrick Gold's purchase of Placer Dome.
- In September of 2007 Goldcorp acquires all of Kinross's interest in the Porcupine Joint Venture forming the Porcupine Group Mines (PGM)
- There are over 20,000 drillholes in the Hoyle Pond Database.

3.0 References

Simunovic, M. et Al. 2013 Hoyle Pond Mine. Internal handout; Technical Services Visitors Handbook.

4.0 Appendix

All plans and sections are in grams per tonne on the Hoyle Pond Mine Grid which uses metric units. All drill logs are measured to metric units.

Table 1: 2 Drill holes being submitted for Oct 5 – Oct 13, 2015 Assessment Report:

21985
21986

Lithologies – Mineral Legend

VM1	Mafic Volcanics, massive to pillowed
VM	Variolitic Mafic Volcanics
FP11 (POR)	Quartz Feldspar Porphyry
FP12 (POR)	Feldspar Porphyry
FP13 (POR)	Quartz Porphyry
QV (QZ)	Quartz Vein
QVBZ	Quartz Vein Bulk Zone
UM1	Ultramafic Volcanics (carb/ser alt)
UM2	Ultramafic Volcanics (talcose alt)
SS6	Greywacke/Argillite interbedded
SS8	Argillite
SS7	Greywacke
SS10	Graphitic Argillite
FZ	Fault Zone
MP7	Matachewan Diabase
UNK	Unknown

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

Py	Pyrite
Po	Pyrrhotite
Aspy	Arsenopyrite

Statement of Qualifications

I, Jason Rockel, residing at 334 Patricia Blvd, Timmins, ON, do hereby certify that:

1. I am currently employed as a sr. project geologist by Goldcorp Canada Ltd. – Porcupine Gold Mines
2. I am a member of the Association of Professional Geoscientists of Ontario, #1230
3. I graduated from the Queen's University, ON with an BScH in Environmental Geology in 2000
4. I have worked in Timmins continuously since graduation in 2000
5. I have an intimate knowledge of the data collected and prepared in this report.

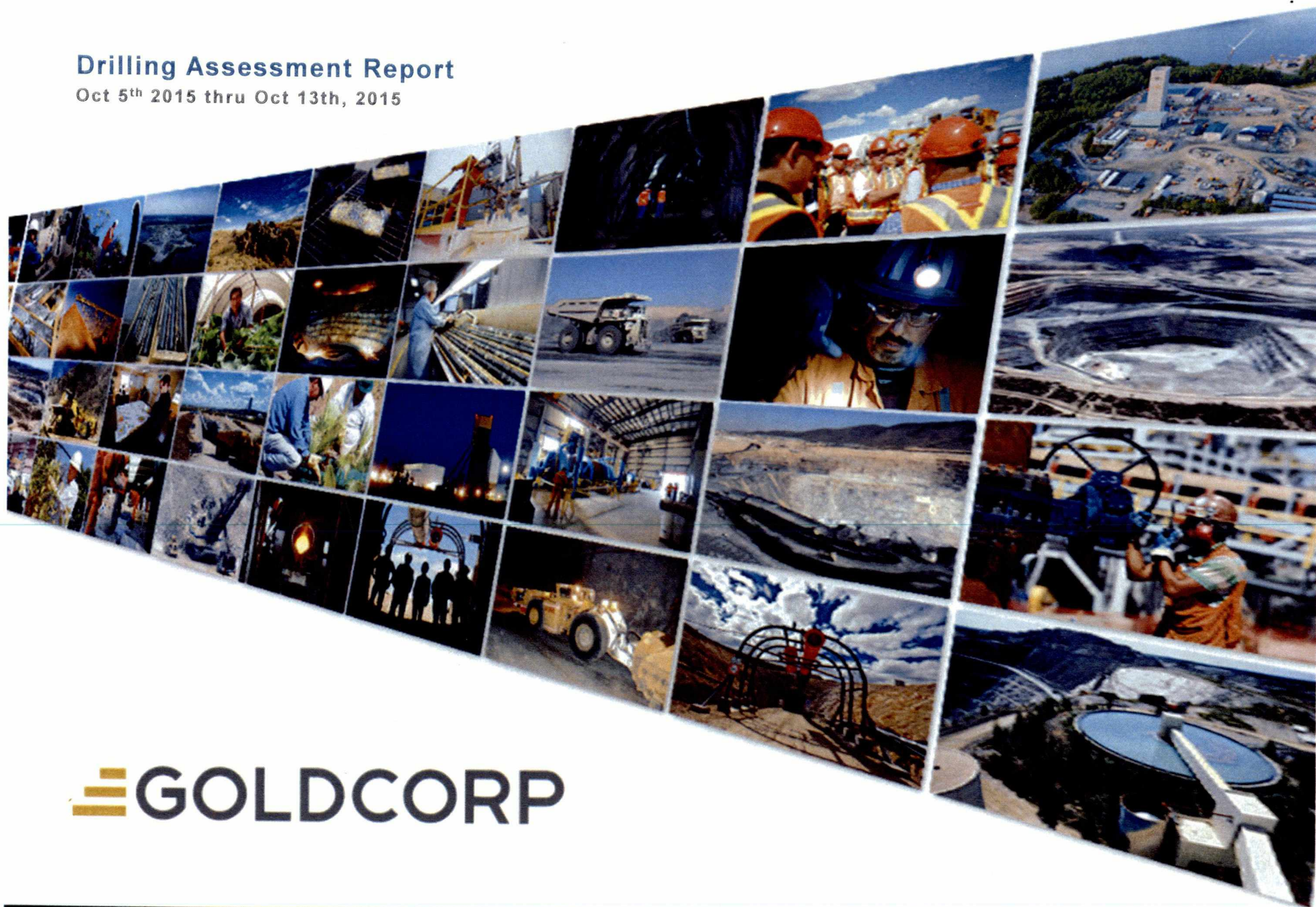
Submission signed at Timmins, Ontario, Nov 18, 2015

A handwritten signature in dark ink, appearing to read 'J. Rockel', followed by a long horizontal line extending to the right.

Jason Rockel, P.Geo 1230
Sr. Project Geologist
Goldcorp Canada Ltd.
Porcupine Gold Mines

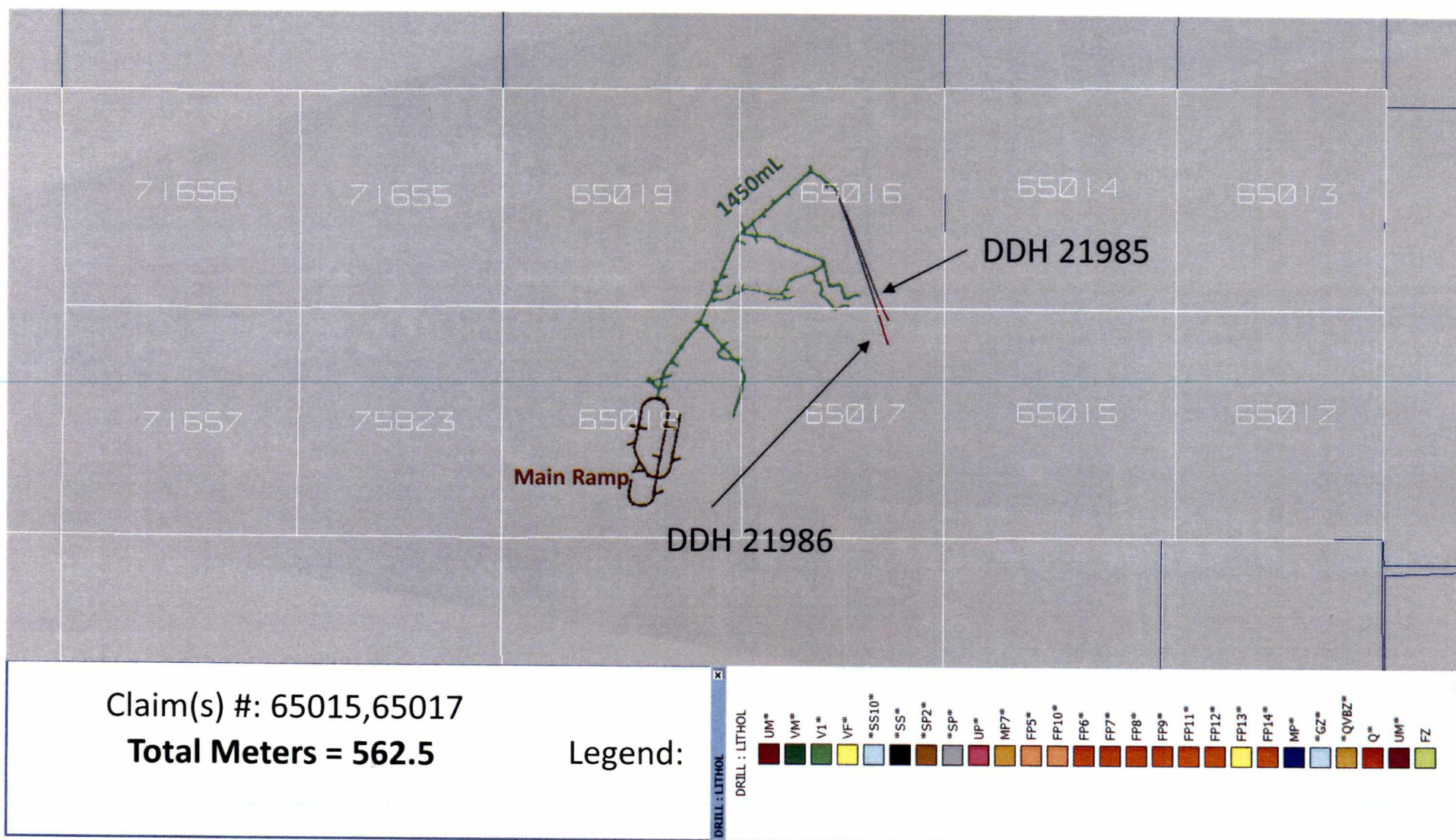
Drilling Assessment Report

Oct 5th 2015 thru Oct 13th, 2015



 **GOLDCORP**

Plan View and Location map:
2 Drillholes collared in claim 65016, end in claim 65017



Hole IDs: 21986, 21985

Azis: 157, 154

Grid: Hoylepond



Hole Lengths: 301.5, 261.0m

Dips: +17, +10

Total Meters Drilled per claim

Claim # 65016: 235.8m + 235.7m = 471.5m

Claim # 65017: 65.7m + 25.3m = 91.0m
562.5m

65016

65017

Claim Line

-100 L

DDH 21986: 235.8m

21986: 65.7m

Looking ~ East

1450mL

DDH 21985: 235.7m

21985: 25.3m

-200 L

Total Meters Drilled in this assessment

DDH 21986: 235.8m + 65.7m = 301.5m

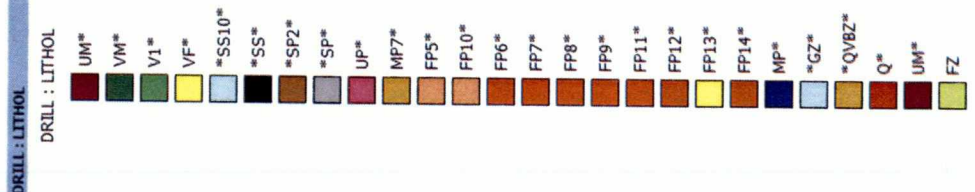
DDH 21985: 235.7m + 25.3m = 261.0m
562.5m

100500 N

Claim(s) #: 65015,65017

Total Meters = 562.5

Legend:



Hole IDs: 21986, 21985

Azis: 157, 154

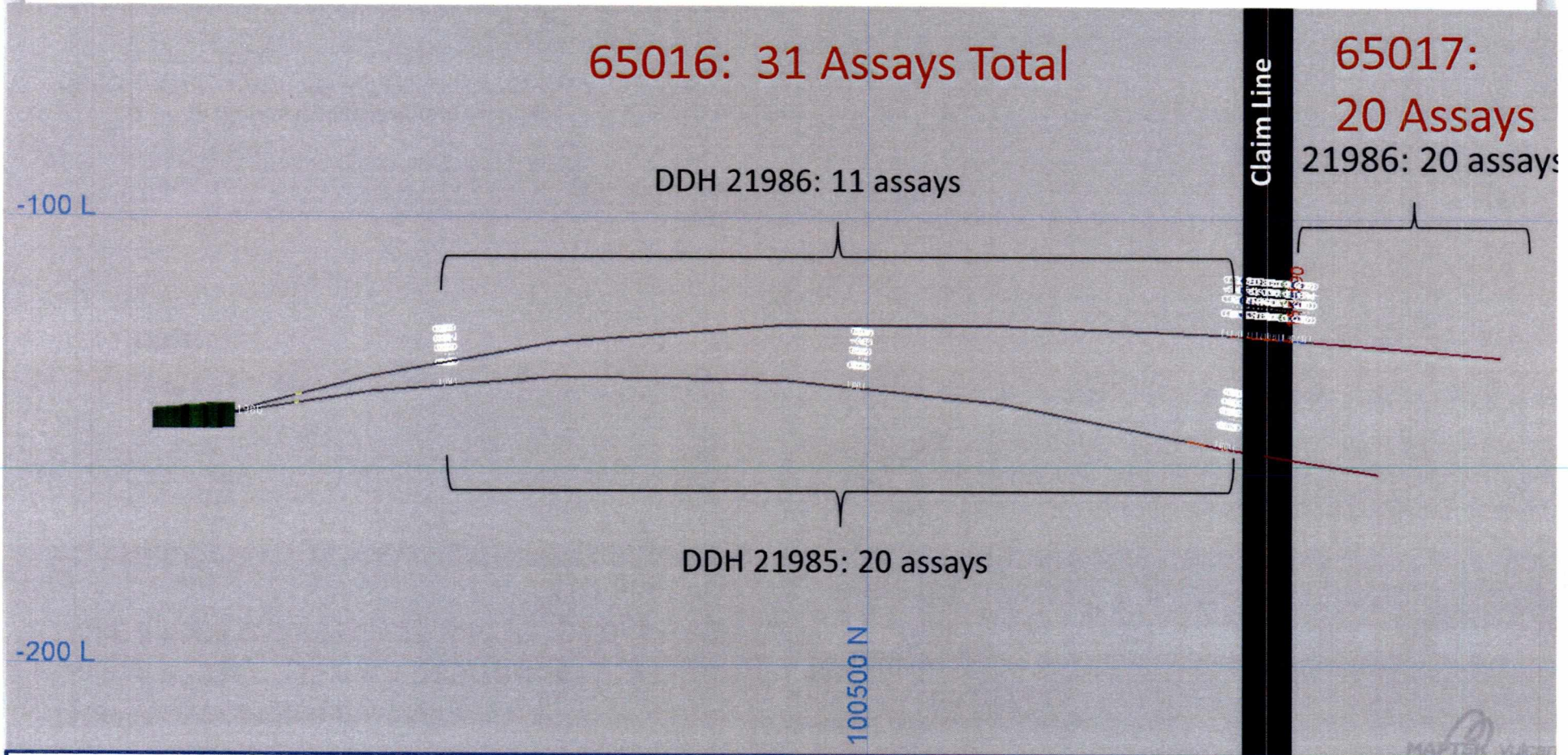
Grid: Hoylepond

 **GOLDCORP**

Hole Lengths: 301.5, 261.0m

Dips: +17, +10

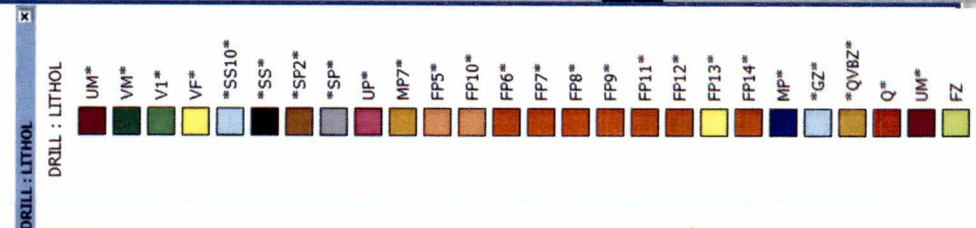
Looking ~ East



Claim(s) #: 65015,65017

Total Assay count 51

Legend:



Hoyle Pond Mine

Claims: 65016
65017

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Casing Pulled?	Cemented?	Target	Location \ Comments:
21985	102676.2	100631.8	-144.4	261	8-Oct-2015	EZ Shot	BQ	Heather Turnbull	U	Y	Y	S veins	1450 N. end

Downhole Surveys			
Distance	Azimuth	Dip	Remarks
0.00	154	10	1
15.00	155.6	8.8	
50.00	156.3	4.6	
100.00	159	-0.8	
150.00	159.8	-6	
200.00	158.2	-11.1	
250.00	155.8	-9.2	

DDH Remarks

Start Date	End Date
5-Oct-2015	7-Oct-2015

Drill Contractor	Drill Rig ID
OG	B15-19

All assays in
65016

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
0.00	15.00	SS6,M,C		90	Mostly fine to med grained med grey greywake with trace elongate mud chips and trace fg py disseminated. Occasional argillite beds with trace qz/ca whisps. broken lower ct.	48.00	49.00	1.00	E809230	Y	0.02						
						49.00	49.50	0.50	E809232	Y	0.05						
						49.50	50.10	0.60	E809233	Y	0.07		60	0.5			qz/cb vn bx with 0.5% py disseminated
						50.10	50.60	0.50	E809234	Y	0.04						
15.00	16.00	FZ,SS6,C		0	Litho from above with fault surfaces at 55 dte and trace gouge. Broken lower ct.	50.60	51.60	1.00	E809236	Y	0.02						
						140.00	141.00	1.00	E809237	Y	0.01						
16.00	69.00	SS6,M,C	40	90	Mostly fie to med grained greywake with trace elongate mud chips and 0.5%fg py disseminated. Thick bedding at 40 dte. Trace qz/cb str with up to 0.5%fg py prox to cts. Occasional argillite beds with trace qz/cb frac fill.	141.00	141.50	0.50	E809238	Y	0.01						
						141.50	142.00	0.50	E809239	Y	0.02		100	0.5			qz/cb vn with 0.5% fg prox to cts
						142.00	142.50	0.50	E809240	Y	0.01						
69.00	160.00	SS6,M,C,SE	50	90	Mostly fine to med grained greywake with mod c alt. trace elongate mud chips with trace fg py disseminated. Thick bedding at 50 dte. Occasional argillite beds with trace qz/ca frac fill.	142.50	143.50	1.00	E809241	Y	0.01						
						223.80	224.80	1.00	E809242	Y	0.03						
						224.80	225.30	0.50	E809243	Y	0.05						
						225.30	225.90	0.60	E809245	Y	0.05		95	0.1			lt grey qz/cb vn with trace fg py along gf sty
160.00	217.30	SS6,M,C	55	70	Mostly fine to med grained greywake with mod c alt. trace elongate mud chips with trace fg py disseminated. Thick bedding at 55 dte. Occasional argillite beds with mod pervasive qz/ca frac fill. Sharp lower ct at 80 dte.	225.90	226.40	0.50	E809246	Y	0.06		95	0.1			qz/cb vn, tr fg py along gf sty.
						226.40	226.90	0.50	E809247	Y	0.39						
						226.90	227.90	1.00	E809248	Y	0.08						
217.30	221.50	FP11,POR,SE	80	70	Fine grained buff matrix with rounded feld phenoos and med grey qz eyes, Trace fg py disseminated. Broken lower ct.												

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
221.50	225.30	UM1,M,CB,C	60	80	Med grey/brown UM1 with mod cb/C alt. Massive texture with mod fol at 60 dte. Broken lower ct.												
225.30	226.40	QV,M		80	White to lt grey qz/cb vn with trace fg py along gf sty. Broken lower ct.												
226.40	261.00	UM1,SS10,M,CB,SE	55		Mostly med grained brown/buff UM1 with mod cb/se alt. Massive texture with weak patchy fol at 55 dte. Local SS10 with 2%py clots near upper ct. EOH												

92012
92012

Claims: 65016
65017



Hoyle Pond Mine

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Casing Pulled?	Cemented?	Target	Location \ Comments:
21986	102676.2	100631.8	-144.4	301.5	7-Oct-2015	EZ Shot	BQ	Clyde Wakeford	U	Y		S veins	1450

Downhole Surveys			
Distance	Azimuth	Dip	Remarks
0.00	157	17	
15.00	158.1	14.6	
50.00	159.6	10.5	
100.00	160.5	4.5	
150.00	161.1	0.1	
200.00	162.1	-2.2	
250.00	162.3	-4.4	
300.00	162.8	-4.9	

DDH Remarks
blocking error at 240-243 m area

Start Date	End Date
8-Oct-2015	13-Oct-2015

Drill Contractor	Drill Rig ID
OG	B15-19

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
0.00	15.55	SS6,M,C		90	unit is mostly f/mg weak c alt arg/gwk no strgs noted occ muddy chip noted mn wispy cal tr fine diss py no readable etc core broken up	225.55	226.55	1.00	E809250	Y	0.01			0.1			
						226.55	227.55	1.00	E809251	Y	0.02			0.5			
						227.55	228.60	1.05	E809252	Y	0.03	100		3	3		qv
15.55	17.00	FZ,SS6,C		0	fault zone consists of fg grey arg with abundant rubble tr py no readable lower etc	228.60	229.20	0.60	E809254	Y	0.05			2	2		
						229.20	229.75	0.55	E809255	Y	0.08			0.5	0.5		
17.00	142.00	SS6,M,C,SE		90	unit is mostly grey green f/mg weak c alt arg/gwk occ milky glassy qcas 1- 4 cm 's wide noted occ muddy chip noted mn wispy cal tr fine diss py local arg bedding at50 deg	229.75	229.95	0.20	E809256	Y	0.05	100		0.5	0.5		qv
						229.95	230.30	0.35	E809257	Y	1.28			0.5	0.5		
						230.30	231.20	0.90	E809258	Y	0.54			0.5	0.5		
						231.20	232.20	1.00	E809259	Y	0.24			0.1			
142.00	227.55	SS6,M,C	75	80	unit is med to dark grey /black fg withlocal green ser alt gwk sections weak c alt /moderately scattered milky qcas 1- 3 cm 's wide strgs very barren looking qtz cal frac filled sections tr py tr local po	232.20	233.20	1.00	E809260	Y	0.27			0.1	0.1		↑
						233.20	234.20	1.00	E809261	Y	0.33			0.1			
						234.20	235.20	1.00	E809262	Y	0.79			0.1			
						235.20	235.85	0.65	E809263	Y	0.20			0.1			
						235.85	236.25	0.40	E809264	Y	0.03			0.1			
227.55	228.60	QV,BX,AK		90	qtz ak vein is bx'd with milky glasy to light grey qtz within vein 1-2 % py and 2-3 % po noted no readable lower etc	236.25	237.00	0.75	E809265	Y	0.01	100		0.1			qv
						237.00	237.50	0.50	E809266	Y	0.01		20	0.1			
228.60	229.75	SS8,M,SE,C	75	100	unit is med grey to black with local grey green sections noted mn 1-2 cm wide glassy strgs 2 % py /po	237.50	238.25	0.75	E809267	Y	0.02		15	0.1			
						238.25	239.00	0.75	E809269	Y	0.03			2	1		
229.75	229.95	QV,M	65	90	qtz vein sugary glassy coloured with 0.50 % py /po and tr sph otherwise vein barren	239.00	239.30	0.30	E809270	Y	8.12			0.5			
						239.30	240.30	1.00	E809271	Y	0.03	100		0.1			qv
						240.30	240.80	0.50	E809272	Y	0.36	100		0.5			2 qv note aspy

Assays in
65016
↑

Assays in
65017

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
229.95	231.20	UM1,M,CB	60	90	unit is med green mg msv cb alt UM1/ mn wispy veinlets less than 1 cm wide tr fu noted 0.50 % py /po	240.80	241.20	0.40	E809274	Y	155.19	100		0.1			0.5 VG3 large smear VG ar 10 specks fine diss
231.20	236.25	FP11,POR,CL	40	90	unit is med grey coloured mg weakly chl alt FP11/ no strgs noted abundant milky feldspars tr py/po	241.20	241.60	0.40	E809276	Y	1.15			0.1			
						241.60	242.60	1.00	E809277	Y	0.07			3	0.5		
236.25	237.00	QV,M,CA		100	qtz vein is milky white msv with no signifiant mineralisation tr py diffuse lower ctc	242.60	243.60	1.00	E809278	Y	0.09			2	0.5		
						243.60	244.30	0.70	E809279	Y	0.02			0.5			
						244.30	245.30	1.00	E809280	Y	0.01			0.1			
237.00	238.25	FP11,POR,STR,CL	65	100	unit is med grey coloured with flat milky qtz running parallel tca abundant milky feldspars tr py												
238.25	239.30	SS10,M,C	65	100	unit is dark jet black fg mod c alt SS10/ narrow wispy strgs less than 1 cm wide 2-3 %py 0.50 % po												
239.30	241.20	QV,M,TO		100	VG3 qtz vein varies from milky to glassy to smokey grey with 1 large smear of VG @ ~ 240.9 m and 10 specks fine gold @~241.1m area rest of vein no visible gold 0.50 % py 1-2 % local aspy core at lower part of vein all broken up no visible ctc												
241.20	241.60	FZ,SS10,C		0	fault zone consists of abundant gf gouge with rubble /pebbles and really sheared up seds tr py												
241.60	244.30	SS10			unit is dark jet black fg mod c alt SS10/ narrow wispy strgs less than 1 cm wide 2-3 %py 0.50 % po grad ctc into next unit												
244.30	246.00	SS6,M,C,SE		90	unit is dark grey to black fg weak c alt and med green fg gwk SS6/no strgs noted tr - 0.50 % tr py/po grad ctc												
246.00	290.00	UM1,M,SE,CB		100	unit is med brown gren cg msv ser/cb alt UM1/ occ sugary milky qtz ak strg 1- 3 cm 's wide abundant carbonate throughout unit tr py												
290.00	301.50	UM2,M,TC,CB		100	unit is med bluish grey cg msv weakly talcose /cb alt UM2/ no strgs noted tr py eoh@ 301.5 m												



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Assay Certificate

Company: **Goldcorp Porcupine Gold Mines**
Project: **Hoyle Pond**
Attn: **Cliff David**

Certificate Number: 15-2302

Orig. Cert. Number: HP8728

Report Date: 29-Oct-15

We hereby certify the following Assay of 20 core samples
submitted 23-Oct-15 by Cliff David

Sample Number	Au		Au	
	FA-MP	FA-MP	FA-GRAV	FA-GRAV
	g/Mt	g/Mt	g/Mt	g/Mt
	0.010	0.01	0.03	0.30
E809221	1.09			
E809222	0.19			
E809223	0.53			
E809224	< 0.01			
E809225	0.74			
E809226	1.38			
E809227			49.67	48.47
E809228	1.48			
E809229	0.42			
E809230	0.02	0.02		
Blank Value	< 0.01			
OxH97	1.27			
E809231	0.02			
E809232	0.05			
E809233	0.07			
E809234	0.04			
E809235	0.78			
E809236	0.02			
E809237	< 0.01			
E809238	0.01			
E809239	0.02			
E809240	< 0.01	< 0.01		

DDH 21985

1. Duplicate

Certified by *Jing Lin*
Jing Lin, M.Sc.

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705) 642-3244 Fax (705) 642-3300



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Assaying - Consulting - Representation

Page 1 of 1

Assay Certificate

Certificate Number: 15-2303

Orig. Cert. Number: HP_8729

Company: **Goldcorp Porcupine Gold Mines**

Project: **Hoyle Pond**

Attn: **Cliff David**

Report Date: **28-Oct-15**

*We hereby certify the following Assay of 20 core samples
submitted 23-Oct-15 by Cliff David*

Sample Number		Au	Au Chk
		FA-AAS	FA-AAS
		g/Mt	g/Mt
		0.01	0.01
E809241		< 0.01	
E809242		0.03	
E809243		0.05	
E809244		< 0.01	
E809245		0.05	
E809246		0.06	
E809247		0.39	
E809248		0.08	
E809249	1	0.01	
E809250		0.01	0.02
Blank Value		< 0.01	
OxH97		1.27	
E809251		0.02	
E809252		0.03	
E809253		0.77	
E809254		0.05	
E809255		0.08	
E809256	2	0.05	
E809257		1.28	
E809258		0.54	
E809259		0.24	
E809260		0.27	0.28

DDH 21985

DDH 21986

1. Duplicate
2. No Reject

Certified by *Jing Lin*
Jing Lin, M.Sc.

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Page 1 of 1

Assay Certificate

Company: **Goldcorp Porcupine Gold Mines**
Project: **Hoyle Pond**
Attn: **Cliff David**

Certificate Number: 15-2304

Orig. Cert. Number: HP_8730

Report Date: 29-Oct-15

We hereby certify the following Assay of 20 core samples
submitted 23-Oct-15 by Cliff David

Sample Number	Au		Au	
	FA-MP	FA-MP	FA-GRAV	FA-GRAV
	g/Mt	g/Mt	g/Mt	g/Mt
	0.010	0.01	0.03	0.30
E809261	0.33			
E809262	0.79			
E809263	0.20			
E809264	0.03			
E809265	< 0.01			
E809266	< 0.01			
E809267	0.02			
E809268	< 0.01			
E809269	0.03			
E809270			8.12	8.64
Blank Value	< 0.01			
OxH97	1.27			
E809271	0.03			
E809272	0.36			
E809273	0.77			
E809274			155.19	159.65
E809275	<0.01			
E809276	1.15			
E809277	0.07			
E809278	0.09			
E809279	0.02			
E809280	< 0.01	< 0.01		

DDH 21986



1. Duplicate

Certified by *Jing Lin*
Jing Lin, M.Sc.

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