Porcupine Joint Venture
Report on the 2004 Exploration Program
Comaplex Project
Thorneloe Twp.
Timmins, Ont.

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Porcupine Joint Venture

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2004 Exploration Program

1.1 Summary of Program

A total of 699.65 meters in three holes were drilled on this project during 2004. One of the holes CP04-03 is currently being submitted for assessment credit.

1.2 Mining Land, Location and Access

The project area is located about 21 km west-southwest of the Dome Mine, South Porcupine, Ontario.
The area is accessible using paved city streets and gravel roads (Dalton and Wawaitin Roads) connecting Highway 101 and Kenogamissi Lake.
The hole was drilled on mining claims P1204119.
These claims are under an option agreement with Comaplex Minerals and are jointly held by Placer Dome (CLA) Ltd (51%) and Kinross Gold Corporation (49%) under the terms of the Porcupine Joint Venture.

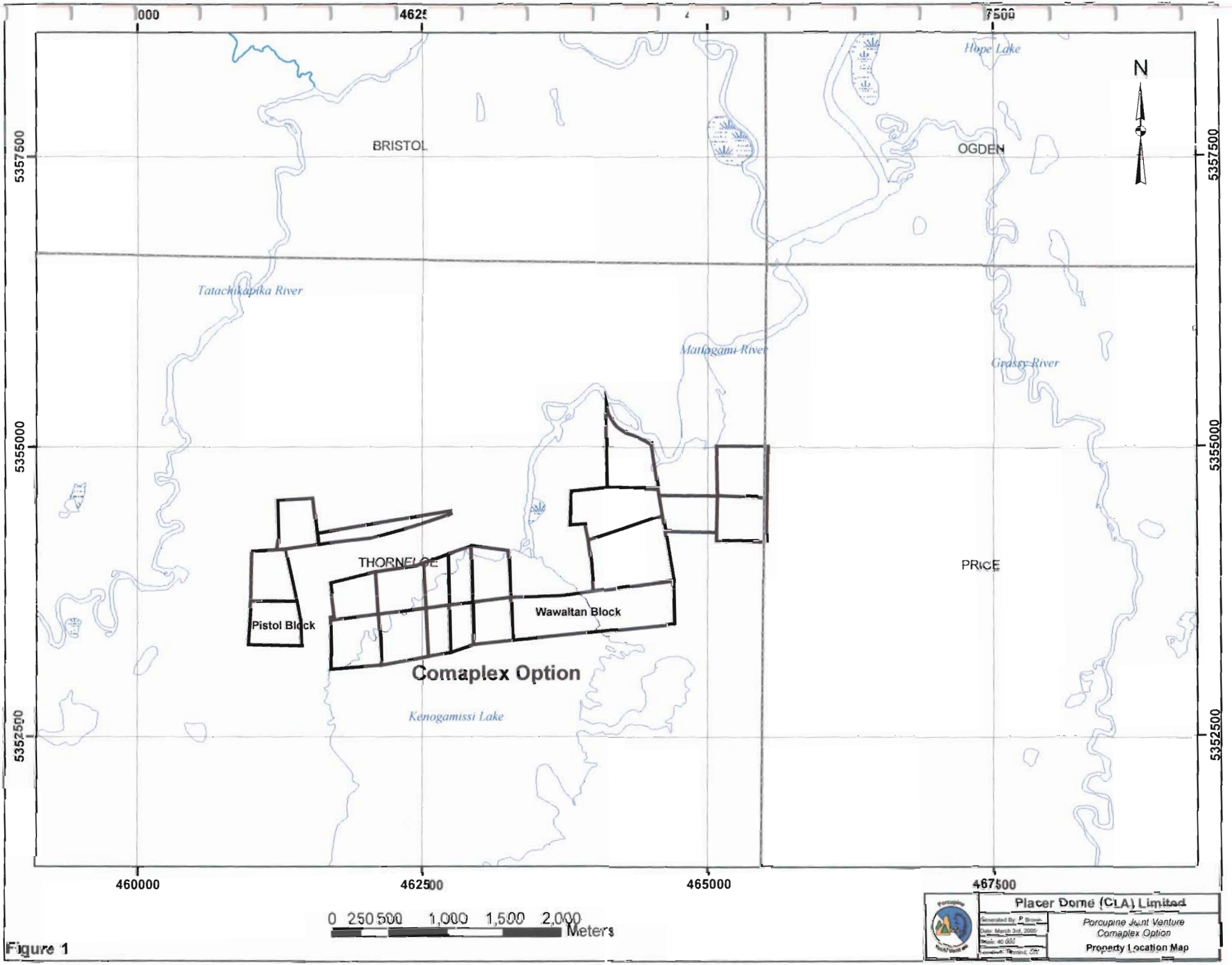
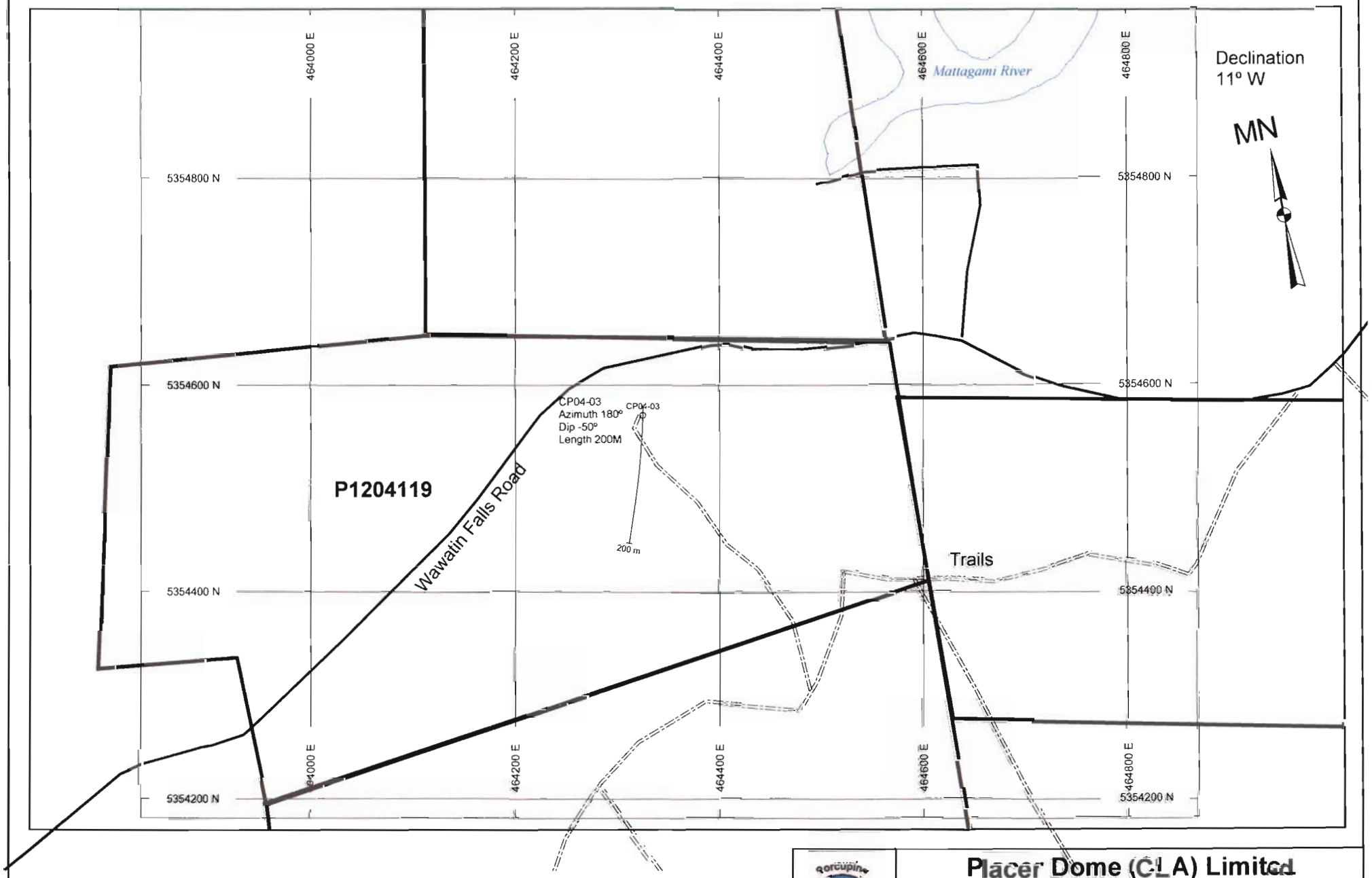

000
4625
7500
Hope Lake
N
BRISTOL
OGDEN
5357500
Tatachikapika River
Matagami River
Grassy River
5355000
THORNLOE
PRICE
Pistol Block
Wawaitan Block
Comaplex Option
Kenogamissi Lake
5352500
460000
462500
465000
467500
0 250 500 1,000 1,500 2,000
Meters
Placer Dome (CLA) Limited
Porcupine Joint Venture
Comaplex Option
Property Location Map

Figure 1



Placer Dome (CLA) Limited

Generated By: P. Brown	
Date: March 3rd, 2005	
Scale: 5 000	
Location: Timmins, ON	

Porcupine Joint Venture
Timmins West Project
DDH Plan CP04-03

1.4 Personnel

The work was supervised by Paul Brown, an exploration geologist with the Porcupine Joint Venture.

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1.5 Previous Work

1916 J. Thibault The earliest exploration work recorded in the area occurred just west of Wawaitan block on a 10 claim group acquired by J. Thibault. The property was worked intermittently for the next 20 years. Two shallow shafts were sunk (35m, 8.5m) and a very limited amount of gold was produced.

1933 Hollinger Consolidated Gold Mines Limited optioned the Thibault claim group and drilled a total of 14 holes for 914 metres. No significant results were reported.

1937 Darby Development Corporation optioned the Thibault property and in 1939 drilled 8 holes in the southern part of the property. No significant results were reported.
1940 Maryland Porcupine Mines Limited optioned the Thibault property, and between 1945-46 by Conigas Exploration Limited. Between the two companies a total of 10 drill holes was completed for a total of 1677 metres. One of the Maryland holes returned a value of 5.13 g/t in a 1.2 metres wide quartz vein.
1946 O. F. Carter resampled Coniagas core, no significant results were reported.
1916-1950 At unspecified times exploration work occurred outside of the Thibault property. The most significant was the sinking of a shallow shaft on the east side of the Mattagami River, known as the Schnubb Shaft. Unsubstantiated reports indicated that significant gold values were returned from quartz veins in the shaft.
1962 Paymaster Porcupine Mines tested an EM conductor at the north end of Kenogamissi Lake with two drill holes totalling 152 metres.
1965 Jacomo Mines Limited conducted a magnetometer survey over an 8 unit property just north of the lake. One hole totalling 193 metres was completed.
1980 Comstate Minerals staked a number of claims both east and west of the Mattagami River north of Kenogamissi Lake. Comstate completed a surface geochemical survey and followed-up in 1981 with an overburden sampling program. No significant gold assays were returned from the till sampling program.

1983 Kerr-Addison Mines optioned the property and drilled two holes, which returned no significant gold assays.
1986 Falconbridge Exploration optioned the Comsate property. Ground geophysical surveys were completed as well as limited trenching. Later that year 3 drill holes were completed, non of which returned significant gold assays.
1996 Comstate transferred the property to a related company Comaplex Minerals Inc. Comaplex optioned the ground to Black Pearl minerals. At this time Band-Ore Resources discovered the Golden River East Zone on an adjacent property to the west. Black Pearl felt that there ground felt the eastern extension of favourable geology, which hosted the Golden River East Zone. Between 1996 and 1997 Black Pearl completed ground geophysical surveys, grid geological mapping and 10,221 metres of drilling in 36 diamond drill holes. One highly anomalous assay was returned (154 g/t/0.40m), which could not be duplicated in numerous adjacent holes.

1.6 References

Polk, B. Report on Exploration 1996-1997. Black Pearl Minerals Inc. Wawaitin and Pistol Groups, Thorneloe Township.

DIAMOND DRILL LOG CP04-03

Hole Location:	On Metric Grid L1+00E, 2+25N UTM NAD 27 Zone 17 464325 E 5354570 N
Drill Hole length:	200.00 Metres
Overburden:	17.00 Metres at –50°
Drill Hole Azimuth:	180°
Drill Hole Dip:	-50°
Core Size:	NQ
Claims DDH Drilled On:	P1204119
Dates Drilled:	October 21st, to October 26th 2004
Dates Logged:	November 29th, 2004
Logged By:	William Waychison
Location With Respect To Post:	240 m east and 70 m north to Post # 1 of Claim P1204119
Storage:	Core stored at Porcupine Joint Venture Owl Creek Core Farm, Timmins Ontario
Drilling By:	Bradley Brothers Highway 101 West P.O. Box 485 Timmins, Ontario P4N 7E7 (705) 268-1456

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Casing Pulled?	Cemented?	Target	Location \ Comments:
CP04-03	464325	5354570	290	200	29-Nov-2004	EZ Shot	NQ	pbrown	S	N	N	High Strain Zone	Thorneloe

DISTANCE	AZIMUTH	DIP	REMARKS
0.00	180	-50	
32.00	184.2	-51.5	
68.00	184.4	-51.6	
116.00	187.6	-51.8	
164.00	188.9	-51.6	
200.00	191.6	-51.4	

DDH COMMENTS REMARKS	Start Date	End Date
logged by W.Waychison; WR: E559913= 18.35-18.5; E355914= 20.5-20.6; E355915=32.1-32.2; E355917= 86.3-86.4; E355918= 131.7-131.8; E355919= 180.5-180.6; E355920=194-194.1m	21-Oct-2004	26-Oct-2004

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS
0.00	17.00	CAS,OB		0	casing: overburden
17.00	19.70	VM,M,AB,SI	55	0	med taupe gy, fg, msv mafic vol, very hard, no ak staining, poss mod albite & wk si altn, tr py, min irr wz str, wk fol 55ca@18.8m, WR: E559913= 18.35-18.5m
19.70	23.20	FZ,QV,BX,AB,SI		40	l taupe gy, bxd highly altd mafic vol, poss stg ab & mod si altn, loc brkn core/rbly, bx fracs often cl'tic, tr-2% py, 5x irr wqz str/ bx infil'g secs, WR: E355914= 20.5-20.6m
23.20	23.90	QV,VM,BX,AB,SI		45	white qz bx vein w/ tr py, irr cts, part of above FZ, frags of mod-stg ab-si altd mafic flow
23.90	28.80	VM,AB,SI	55	0	med taupe gy, fg mafic flow, var altn, gen brkn core, wk fol 55ca
28.80	30.10	SS8,SS7,SI	65	50	black to med gy, fg, argil w/ intercal altd wacke, very hard & silicified, bdg/fol 65-70ca, graded bdg indig TOPS uphole @ 29.5-29.6m
30.10	42.70	SS7,SE	55	80	l-med taupe gy, lam/banded altd wacke, mod se altn, sev wqz frac/thin strs secs w/ se altn more pronounced either side, tr-1% py-po, mod fol/bdg 55ca@33.6m, loc cnt & indic folding, WR: E355915=32.1-32.2m
42.70	42.80	FZ,SS7	45	90	med gy, 1.5cm thick fault bx w/ gouge, flt @45ca
42.80	47.70	SS7,SE	60	90	med gy as above lam/banded altd wacke but less se altd,wqz frac/thin strs secs w/ se altn more pronounced either side, tr-1% py-po, sph w/in frac/str sec @45.8m,wk-mod fol 55-60ca

FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
17.00	18.00	1.00	E365841	Y	0.002		2	0.3			
18.00	19.00	1.00	E365842	Y	0.001			0.2			
19.00	19.70	0.70	E365843	Y	0.016		1	0.2			
19.70	21.00	1.30	E365844	Y	.42		6	1.5			
21.00	21.90	0.90	E365845	Y	.74		12	2			
21.90	23.20	1.30	E365847	Y	.23		7	0.5			
23.20	23.90	0.70	E365848	Y	0.268	100		0.7			
23.90	25.00	1.10	E365850	Y	0.186			0.3			
25.00	26.00	1.00	E365851	Y	0.386			0.2			
26.00	27.00	1.00	E365852	Y	0.062		0.5	0.3			
27.00	28.00	1.00	E365853	Y	0.27		1	0.3			
28.00	28.80	0.80	E365854	Y	0.158		1	0.3			
28.80	30.10	1.30	E365855	Y	0.051		1.5	0.3			
30.10	30.90	0.80	E365856	Y	.58		2.5	0.2	0.3		
30.90	32.85	1.95	E365857	Y	2.92		3	0.3	0.6		
32.85	34.00	1.15	E365859	Y	0.011		0.5	0.2			
34.00	35.00	1.00	E365860	Y	0.272		0.5		0.3		
35.00	36.50	1.50	E365861	Y	0.123		1	0.3			
36.50	38.00	1.50	E365862	Y	0.016		0.5	0.3			
38.00	39.50	1.50	E365863	Y	0.044		1.5	0.2			
39.50	41.00	1.50	E365864	Y	0.006			0.1			

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS
47.70	59.22	SS7	65	90	med gy, fg, lam/banded wacke, min irr twisted wqz-ca str & wk related se altn w/in wall rx, tr py, bedg 65ca@58m
59.22	59.32	QV	60	90	qz-ca bx vein w/ 1-3% py, cts apprx 60ca
59.32	63.40	SS7,SE	65	90	med gy w/ yel tinge, fg, lam/banded wacke as above, min thin irr wqz-ca str, tr py, wk fol/bdg 65ca@62.9m
63.40	63.55	QV		90	wqz-gy carb vein min sty, 1-2% py,
63.55	77.25	SS7	65	90	med gy, fg wacke, tr py, min wqzca str @65.5m & 66.9m, wk fol/bdg 65ca@75.9m
77.25	90.95	SS7,SE	60	85	l-med gy, fg wacke w/ wk-mod se altn gen confined to thin lam, min wqzca str, tr py, wk fol/bdg 60ca@79m; WR: E355917= 86.3-86.4m
90.95	92.10	SS6,SE	65	80	med-dk gy, fg, wk-mod se altn gen confined to yel color lam, wacke w/ intercal argil/silt lam, 5% irr qzcb w/ tr py, wk-mod fol/bdg 65ca@91.25m
92.10	92.46	QV		70	6cm wqzcb boudinaged vein/str subpar to ca, tr py
92.46	93.92	SS6	65	30	med-dk gy, fg, "S" kinked/cnt fol/thin lam, num irr qzcb str, v wk se altn, wk-mod fol 65ca
93.92	94.10	QV		90	wqz-cb vein w/ argil sty, tr-0.5% py
94.10	95.80	,SE	70	35	med gy, fg, wacke w/ min argil, wk se altn, one 5cm qzcb str w/ min sty, tr py, wk mod fol 70ca
95.80	109.70	SS7,SE	65	80	l-med gy, fg wacke w/ wk se altn esp in upper part above 104m, min qzcb str gen less than 1cm, wk-mod fol 65ca@100.5m,
109.70	117.30	SS6	70	90	med gy, fg, wacke w/ intercal dkr argil lam, wk fol/bdg 70ca110.3m, graded bdg indic TOPS downhole @112-116.5m, loc wk se altn w/in wacke portions,
117.30	117.55	QV		90	snow white qz-ak vein/str, irr cts, tr py,
117.55	120.00	SS7	65	60	l-med gy, fg wacke, wk-mod fol 65ca@117.9m,
120.00	120.70	QV,SS7,SE,AK		70	snow white qz-vein w/ ak along walls, min sty, tr py, vein 120-120.4 w/ wk se wacke & irr qz-ak vein/str w/ tr py @120.6-120.7,

FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
41.00	42.00	1.00	E365865	Y	0.008				0.2		
42.00	43.50	1.50	E365866	Y	0.023		1	0.2			
43.50	44.00	0.50	E365867	Y	0.003		2	0.2			
44.00	45.25	1.25	E365868	Y	0.003		1				
45.25	45.85	0.60	E365869	Y	.84		6	0.7			
45.85	47.30	1.45	E365871	Y	0.181		1		0.2		
58.70	59.20	0.50	E365872	Y	0.012						
59.20	59.50	0.30	E365873	Y	0.107	30		2			
59.50	60.10	0.60	E365875	Y	0.012		4	0.7			
60.10	61.00	0.90	E365876	Y	0.029		2	0.5			
61.00	62.00	1.00	E365878	Y	0.109		1	0.3			
62.00	63.10	1.10	E365879	Y	0.016		1	0.3			
63.10	63.55	0.45	E365880	Y	0.04	35		1			
63.55	65.00	1.45	E365881	Y	0.01						
65.00	65.40	0.40	E365882	Y	0.013		2	0.2			
65.40	65.70	0.30	E365883	Y	0.194		20	1			folded str
65.70	66.80	1.10	E365884	Y	0.011						
66.80	67.10	0.30	E365885	Y	0.012		20	0.3			
67.10	68.00	0.90	E365886	Y	0.004						
80.00	81.00	1.00	E365887	Y	0.004						
81.00	82.00	1.00	E365888	Y	0.005		5	0.5			
82.00	83.00	1.00	E365890	Y	0.002		0.5	0.2			
87.00	88.00	1.00	E365891	Y	0.007		2	0.3			
88.00	89.00	1.00	E365892	Y	0.151		2.5	0.3			
89.00	90.00	1.00	E365893	Y	0.008		1.5	0.3			
90.00	90.95	0.95	E365894	Y	0.005		1	0.3			
90.95	92.10	1.15	E365895	Y	0.015		4	1			
92.10	92.46	0.36	E365897	Y	0.081	100		0.3			6cm boudinaged wzcb str subpar ca
92.46	93.92	1.46	E365899	Y	0.005		2.5	0.3			

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS
120.70	140.00	SS6	70	80	med-dk gy, fg wacke w/ intercal dk gy argil, wk se to apprx 123m, wk fol/bdg 70ca@126.4m, latter clvg at high ang to bdg, folded w/ loc nose @126.6m, graded bdg w/ TOPS downhole @132.2m, v min <1-2cm wqz-ak str, WR: E355918= 131.7-131.8m
140.00	174.10	SS6,BL,SE	70	85	l-med gy, fg wacke w/ min <5% med-dk gy argil, mod bleached, wk ak, wk se gen confined to particular yel'ish lam, wk-mod fol/bdg 70ca, loc cnt fol and FOLDED w/ sev loc noses, a few wqzak irr/boudinaged str esp between 147-152m,
174.10	190.70	SS7,BL,AK	65	85	l grey, fg, wacke and poss bleached argil, mod-stg bl & wk ak altn, mod fol/bdg 65ca but loc folded w/ noses present, num folded fol displaying plunges, WR: E355919= 180.5-180.6m
190.70	200.00	SS6	65	90	med-dk gy, fg, 30-55% gy-blk argil and med gy wacke, wk fol/bdg 65ca; WR: E355920=194-194.1m; EOH= 200m

FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks
93.92	94.10	0.18	E365900	Y	0.01	100		0.3			
94.10	95.80	1.70	E365941	Y	0.003		1	0.3			
95.80	97.00	1.20	E365942	Y	0.002		2	0.3			
97.00	98.00	1.00	E365943	Y	0.001		0.5	0.3			
98.00	99.50	1.50	E365944	Y	0.0005		0.3	0.2			
99.50	100.50	1.00	E365945	Y	0.007		2	0.3			
100.50	102.00	1.50	E365946	Y	0.009		1	0.2			
102.00	103.55	1.55	E365947	Y	0.004		0.5	0.2			
116.00	117.25	1.25	E365948	Y	0.003						
117.25	117.55	0.30	E365949	Y	0.001	70		0.2			
117.55	119.00	1.45	E365951	Y	0.002		1.3	0.2			
119.00	120.00	1.00	E365952	Y	0.0005		0.5	0.2			
120.00	120.70	0.70	E365953	Y	0.106	80		0.5			
120.70	122.00	1.30	E365955	Y	0.009		1	0.2			
146.00	146.90	0.90	E365956	Y	0.006		1.5	0.3			
146.90	147.25	0.35	E365957	Y	0.019		25	0.5			boudinaged wqzak str,
147.25	148.10	0.85	E365958	Y	0.003		7	0.3			6cm wzak st,r, poss sam as above sample
148.10	149.00	0.90	E365960	Y	0.002		1	0.3			
149.00	150.50	1.50	E365961	Y	0.005		1.3	0.3			
150.50	151.75	1.25	E365962	Y	0.002			0.2			
151.75	153.25	1.50	E365963	Y	0.005		5	0.3			
153.25	154.25	1.00	E365965	Y	0.0005		0.5	0.2			
162.20	163.10	0.90	E365966	Y	0.0005			0.3			
163.10	163.40	0.30	E365967	Y	0.0005		30	0.3			
163.40	164.00	0.60	E365969	Y	0.0005		0.5	0.2			
164.00	165.50	1.50	E365970	Y	0.0005		1.5	0.3			
175.00	176.00	1.00	E365971	Y	0.0005		1	0.3			hair fracs/str
176.00	176.60	0.60	E365972	Y	0.133		3.5	0.7			
176.60	177.60	1.00	E365973	Y	0.0005			0.1			

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy	Remarks

QC REPORT

QC code	Sample_No	Au_gpt	Original # / Grade		QC_TYPE	Acquire Code
1006	E365846	0.86			STANDARD	STD
2006	E365849	0.01			BLANK	STD
	E365858	1.71	E365857	2.92	DUPLICATE	FD
2006	E365870	0.00			BLANK	STD
1006	E365874	0.89			STANDARD	STD
	E365877	0.10	E365876	0.029	DUPLICATE	FD
	E365889	0.01	E365888	0.005	DUPLICATE	FD
1010	E365896	2.54			STANDARD	STD
2006	E365898	0.00			BLANK	STD
1006	E365950	0.88			STANDARD	STD
2006	E365954	0.00			BLANK	STD
	E365959	0.00	E365958	0.003	DUPLICATE	FD
	E365964	0.01	E365963	0.005	DUPLICATE	FD
2006	E365968	0.00			BLANK	STD
1006	E365974	0.91			STANDARD	STD

TEXT ABBREVIATIONS FOR CP04-01, CP04-02 and CP04-03

Ak	ankerite
alt	alteration
altd	altered
altn	alteration
ang	angle
approx	approximately
argil	argillite
bdg	bedding
blk	black
Bou	boudinage
brkn	broken
bxd	brecciated
C/g	coarse grained
ca	core axis
ca-cb	calcium carbonate
cbinfil'g	carbonate infilling
chl	chloritic
cl	chlorite
cl'tic	chloritic
clvg	cleavage
cnt	count
conc	concentration
cong	conglomerate
cts	contacts
dca	degrees to core axis
dev	developed
devel'g	developing
diss	disseminated
dk	dark
dkgy	dark grey
drk	dark
esp	especially
felds	feldspar
fg	fine grained
flt	fault
f-mg	fine to medium grained
fol	foliation
FP	feldspar porphyry
fracs	fractures
frags	fragments
Fu	fuchsite
gen	generally
grn	green
grnd	groundmass
gy	grey
he	hematite
ll	parallel
indic	indicate
infi'd	in filled
Int	intermediate
intercal	intercalated
irr	irregular

l	light
lam	laminated
lct	lower contact
loc	locally
m/g	medium grain
med	medium
mg	medium grain
min	mineral
min	minor
mod	moderate
msv	massive
mx	matrix
negli	negligible
num	number
occas	occasionally
perv	pervasive
phenos	phenocrysts
poss	possible
ps	polysutured
q-ak	quartz-ankerite
QFP	quartz feldspar porphyry
QV	quartz vein
qz	quartz
qz-ak	quartz-ankerite
rbly	rubblely
rx	rock
secs	sections
sec's	sections
serp	serpentinite
sev	several
si	silica
silt	siltstone
sim	similar
sml	small
stg	strong
str	strong
str	stringer
strs	stringers
subpar	subparallel
tc	talc chlorite
text	texture
tr	trace
Uc	upper contact
upct	upper contact
var	variable
visib	visible
vn'g	veining
vol	volcanic
w	with
wk	weak
wqz	white quartz
WR	whole rock
wz	white quartz
xaline	crystalline
yel	yellow

ABBREVIATIONS FOR CP04-01, CP04-02 and CP04-03

Textural Fields

AMY	Amygdaloidal
BLD	Bladed
BX	Breccia
COB	Cobble
CST	Clast
FBX	Flow Breccia
FELD	Feldspathic
FRAG	Fragmental
GLOM	Glomerophyric
HTRO	Heterolithic
HYAL	Hyaloclastite
LAP	Lapilli
LITH	Lithic
M	Massive
MX	Matrix-supported
PIL	Pillowed
PBX	Pillow Breccia
PEB	Pebble
POR	Porphyritic
PM	Polymictic
PRB	Porphyroblastic
PS	Polysutured
QTE	Quartzose
SCH	Schistose
SFX	Spinifex
SPH	Spherulitic
TUF	Tuffaceous
UNS	Unsubdivided
VAR	Variolitic
VES	Vesicular

Pyroclastics/Epiclastics

AGG	Agglomerate>64mm
TBX	Tuff Breccia>64mm
LAPT	Lapilli Tuff >4mm
CRYT	Crystal Tuff 1/16-2mm
CAT	Coarse Ash Tuff <1/16mm-2mm
FAT	Fine Ash Tuff <1/16mm
PYRO	Pyroclastics
PYRO	Pyroclastics

Structural Fields

BD	Bedded
BND	Banded
BKY	Blocky
BOU	Boudinaged
BX	Breccia
BXD	Brecciated
CT	Contact
CNT	Contorted
CRN	Crenulated
DSC	Disc
FD	Fold
FL	Flow
FLT	Fault
FOL	Foliation
FRA	Fracture
G	Gouge
JNT	Joint
LAM	Laminated
LN	Lineation
SHR	Shear
SLK	Slickenside
SLP	Slip
VUG	Vuggy

Other Fields

AZ	Alteration Zone
FG	Fine Grained
MG	Medium Grained
CG	Coarse Grained
DISS	Disseminated
FMG	Fine-Medium Grained
FCG	Fine-Coarse Grained
INT	Intermediate
LOC,L	Locally (Local) Eg Lmag
MAG	Magnetic
MOD	Moderate
PV	Pervasive
RBL	Rubble
SM	Semi-Massive
ST	Strong
VST	Very Strong
WK	Weak

Alteration Fields

AB	Albitization
AM	Amphibolization
AK	Ankertization
BI	Biotization
BL	Bleached
C	Carbonaceous
CA	Calcification
CB	Carbonatization
CL	Chloritization
DO	Dolomitization
EP	Epidotization
FU	Fuchsitic
GZ	Grey Zone (carbonaceous alteration zone)
HE	Hematization
K	Potassic
KA	Kaolinitization
LX	Leucoxene
MG	Magnesite
SE	Sericitization
SI	Silicification
SR	Serpentinization
TC	Talcose
TO	Tourmalinization

Alteration Intensity Code

W	Weak
M	Moderate
S	Strong

Colour Fields

BK	Black
BL	Blue
BR	Brown
GN	Green
GY	Grey
GNGY	Green/Grey
OLGN	Olive Green
OR	Orange
PK	Pink
RED	Red
TAN	Tan
WH	White

Veining Fields

AB	Albite
AK	Ankerite
CA	Calcite
CB	Carbonate
EP	Epidote
HE	Hematite
MT	Magnetite
PY	Pyrite
QZ	Quartz
TO	Tourmaline
AB-CB	Albite-Carbonate
AK-QZ	Ankerite-Quartz (includes Dome grey ankerite vein)
QZ-AK	Quartz-Ankerite
QZ-CA	Quartz-Calcite
QZ-CB	Quartz-Carbonate
QZ-FU	Quartz-Fuchsite
QZ-TO	Quartz-Tourmaline

Percent Code

Veining Texture Fields

BX	Breccia Vein
GQ	Grey Quartz
MV	Massive Vein
RB	Ribboned Vein
STR	Stringers
SHT	Sheeted Vein
STW	Stockwork
STY	Stylolitic Vein
SHV	Shear vein
TNV	Tension vein
WQ	White Quartz

Mineral Fields

AB	Albite
AC	Actinolite
AG	Silver
AH	Anhyrite
AK	Ankerite
AS	Arsenopyrite
AU	Gold
BA	Barite
BI	Biotite
CA	Calcite
CL	Chlorite
CP	Chalcopyrite
CR	Chromite
DO	Dolomite
EP	Epidote
FU	Fuchsite
GA	Galena
GF	Graphite
GT	Garnet
HE	Hematite
IL	Ilmenite
JP	Jaspar
LM	Limonite
MC	Malachite
MN	Manganese Oxides
MO	Molybdenite
MT	Magnetite
MU	Muscovite/Hydromuscovite
OL	Olivine
PO	Pyrrhotite
PY	Pyrite
QZ	Quartz
SB	Stibnite
SD	Siderite
SE	Sericite
SH	Scheelite
SP	Sphalerite
TC	Talc
TO	Tourmaline
TR	Tremolite
VG	visible gold noted (historical)
VG1	trace (1or 2 pin prick specks)
VG2	a bit (3-10 pin prick specks)
VG3	lots (10+ pin prick specks or equivalent)

APPENDIX 1

Assays for CP04-03

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

A/To: **Placer Dome / Kinross JV** **PJV**
Porcupine Joint Ventures
P.O. Box 70
Ontario
P0N 1H0
South Porcupine
Attn: Michael Nerup

Notre Référence / Work Order	: **R34835**
Projet / Project	: **TW0097**
No de Bon de Commande / P.O. No	: 975760
Nombre d'échantillons / Number of samples	: 20
Rapport inclus / Report comprising	: Page couverture/Cover sheet, Pages 1 à/to 1
Reçu le / Date Received	: 04/12/04
Transmis le / Date Reported	: 15/12/04

Répartition du matériel inutilisé / Distribution of unused material

Pulpes / Pulps	: No instructions.
Rejets / Rejects	: No instructions.

Commentaires / Comments

Certifié par/Certified By :

L.N.R. = Échantillon non reçu / Listed not received
n.a. = Non applicable / Not applicable
I.S. = Quantité insuffisante / Insufficient Sample
-- = Aucun résultat / No result
*INF = La composition de cet échantillon rend la détection impossible par cette méthode / Composition of this sample makes detection impossible by this method
M après un échantillon signifie une conversion de ppb à ppm et %, une conversion de ppm à %
M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

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Projet/Project : **TW0097**
Notre Référence/Work Order : **R34835**
Date : 15/12/04
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0097;E365841	0.002	0.001	--	--
TW0097;E365842	0.001	--	--	--
TW0097;E365843	0.016	--	--	--
TW0097;E365844	0.454	--	--	--
TW0097;E365845	>10.00	--	28.18	22.29
TW0097;E365846	0.860	--	--	--
TW0097;E365847	0.380	--	--	--
TW0097;E365848	0.268	--	--	--
TW0097;E365849	0.008	--	--	--
TW0097;E365850	0.186	--	--	--
TW0097;E365851	0.386	--	--	--
TW0097;E365852	0.062	--	--	--
TW0097;E365853	0.270	0.288	--	--
TW0097;E365854	0.158	--	--	--
TW0097;E365855	0.051	--	--	--
TW0097;E365856	0.560	--	--	--
TW0097;E365857	1.973	--	--	--
TW0097;E365858	1.710	--	--	--
TW0097;E365859	0.011	--	--	--
TW0097;E365860	0.272	--	--	--
*Dup TW0097;E365841	0.001	--	--	--
*Dup TW0097;E365853	0.288	--	--	--

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

A/To: **Placer Dome / Kinross JV** **PJV**
Porcupine Joint Ventures
P.O. Box 70
Ontario
P0N 1H0
South Porcupine
Attn: Michael Nerup

Notre Référence / Work Order	: **R34836**
Projet / Project	: **TW0098**
No de Bon de Commande / P.O. No	: 975760
Nombre d'échantillons / Number of samples	: 20
Rapport inclus / Report comprising	: Page couverture/Cover sheet, Pages 1 à/to 1
Reçu le / Date Received	: 04/12/04
Transmis le / Date Reported	: 15/12/04

Répartition du matériel inutilisé / Distribution of unused material

Pulpes / Pulps	: No instructions.
Rejets / Rejects	: No instructions.

Commentaires / Comments

Certifié par/Certified By :

L.N.R. = Échantillon non reçu / Listed not received
n.a. = Non applicable / Not applicable
I.S. = Quantité insuffisante / Insufficient Sample
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M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

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Projet/Project : **TW0098**
Notre Référence/Work Order : **R34836**
Date : 15/12/04
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0098;E365861	0.123	0.134	--	--
TW0098;E365862	0.016	--	--	--
TW0098;E365863	0.044	--	--	--
TW0098;E365864	0.006	--	--	--
TW0098;E365865	0.008	--	--	--
TW0098;E365866	0.023	--	--	--
TW0098;E365867	0.003	--	--	--
TW0098;E365868	0.003	--	--	--
TW0098;E365869	2.470	--	--	--
TW0098;E365870	0.004	--	--	--
TW0098;E365871	0.181	--	--	--
TW0098;E365872	0.012	--	--	--
TW0098;E365873	0.107	0.107	--	--
TW0098;E365874	0.891	--	--	--
TW0098;E365875	0.012	--	--	--
TW0098;E365876	0.029	--	--	--
TW0098;E365877	0.099	--	--	--
TW0098;E365878	0.109	--	--	--
TW0098;E365879	0.016	--	--	--
TW0098;E365880	0.040	--	--	--
*Dup TW0098;E365861	0.134	--	--	--
*Dup TW0098;E365873	0.107	--	--	--

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

A/To: **Placer Dome / Kinross JV** **PJV**
Porcupine Joint Ventures
P.O. Box 70
Ontario
P0N 1H0
South Porcupine
Attn: Michael Nerup

Notre Référence / Work Order	: **R34902**
Projet / Project	: **TW0101**
No de Bon de Commande / P.O. No	: 975760
Nombre d'échantillons / Number of samples	: 20
Rapport inclus / Report comprising	: Page couverture/Cover sheet, Pages 1 à/to 1
Reçu le / Date Received	: 08/12/04
Transmis le / Date Reported	: 16/12/04

Répartition du matériel inutilisé / Distribution of unused material

Pulpes / Pulps	: No instructions.
Rejets / Rejects	: No instructions.

Commentaires / Comments

Certifié par/Certified By :

L.N.R. = Échantillon non reçu / Listed not received
n.a. = Non applicable / Not applicable
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Projet/Project : **TW0101**
Notre Référence/Work Order : **R34902**
Date : 16/12/04
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0101;E365881	0.010	0.008	--	--
TW0101;E365882	0.013	--	--	--
TW0101;E365883	0.194	--	--	--
TW0101;E365884	0.011	--	--	--
TW0101;E365885	0.012	--	--	--
TW0101;E365886	0.004	--	--	--
TW0101;E365887	0.004	--	--	--
TW0101;E365888	0.005	--	--	--
TW0101;E365889	0.006	--	--	--
TW0101;E365890	0.002	--	--	--
TW0101;E365891	0.007	--	--	--
TW0101;E365892	0.151	--	--	--
TW0101;E365893	0.008	0.007	--	--
TW0101;E365894	0.005	--	--	--
TW0101;E365895	0.015	--	--	--
TW0101;E365896	2.542	--	--	--
TW0101;E365897	0.081	--	--	--
TW0101;E365898	0.002	--	--	--
TW0101;E365899	0.005	--	--	--
TW0101;E365900	0.010	--	--	--
*Dup TW0101;E365881	0.008	--	--	--
*Dup TW0101;E365893	0.007	--	--	--

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

A/To: **Placer Dome / Kinross JV** **PJV**
Porcupine Joint Ventures
P.O. Box 70
Ontario
P0N 1H0
South Porcupine
Attn: Michael Nerup

Notre Référence / Work Order	: **R34903**
Projet / Project	: **TW0102**
No de Bon de Commande / P.O. No	: 975760
Nombre d'échantillons / Number of samples	: 20
Rapport inclus / Report comprising	: Page couverture/Cover sheet, Pages 1 à/to 1
Reçu le / Date Received	: 08/12/04
Transmis le / Date Reported	: 18/12/04

Répartition du matériel inutilisé / Distribution of unused material

Pulpes / Pulps	: No instructions.
Rejets / Rejects	: No instructions.

Commentaires / Comments

Certifié par/Certified By :

L.N.R. = Échantillon non reçu / Listed not received
n.a. = Non applicable / Not applicable
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Projet/Project : **TW0102**
Notre Référence/Work Order : **R34903**
Date : 18/12/04
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0102;E365941	0.003	0.004	--	--
TW0102;E365942	0.002	--	--	--
TW0102;E365943	0.001	--	--	--
TW0102;E365944	<0.001	--	--	--
TW0102;E365945	0.007	--	--	--
TW0102;E365946	0.009	--	--	--
TW0102;E365947	0.004	--	--	--
TW0102;E365948	0.003	--	--	--
TW0102;E365949	0.001	--	--	--
TW0102;E365950	0.881	--	--	--
TW0102;E365951	0.002	--	--	--
TW0102;E365952	<0.001	--	--	--
TW0102;E365953	0.106	0.118	--	--
TW0102;E365954	0.003	--	--	--
TW0102;E365955	0.009	--	--	--
TW0102;E365956	0.006	--	--	--
TW0102;E365957	0.019	--	--	--
TW0102;E365958	0.003	--	--	--
TW0102;E365959	0.002	--	--	--
TW0102;E365960	0.002	--	--	--
*Dup TW0102;E365941	0.004	--	--	--
*Dup TW0102;E365953	0.118	--	--	--

CERTIFICAT D'ANALYSE/CERTIFICATE OF ANALYSIS

A/To: **Placer Dome / Kinross JV** **PJV**
Porcupine Joint Ventures
P.O. Box 70
Ontario
P0N 1H0
South Porcupine
Attn: Michael Nerup

Notre Référence / Work Order	: **R34904**
Projet / Project	: **TW0103**
No de Bon de Commande / P.O. No	: 975760
Nombre d'échantillons / Number of samples	: 14
Rapport inclus / Report comprising	: Page couverture/Cover sheet, Pages 1 à/to 1
Reçu le / Date Received	: 08/12/04
Transmis le / Date Reported	: 18/12/04

Répartition du matériel inutilisé / Distribution of unused material

Pulpes / Pulps	: No instructions.
Rejets / Rejects	: No instructions.

Commentaires / Comments

Certifié par/Certified By :

L.N.R. = Échantillon non reçu / Listed not received
n.a. = Non applicable / Not applicable
I.S. = Quantité insuffisante / Insufficient Sample
-- = Aucun résultat / No result
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Projet/Project : **TW0103**
Notre Référence/Work Order : **R34904**
Date : 18/12/04
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0103;E365961	0.005	0.004	--	--
TW0103;E365962	0.002	--	--	--
TW0103;E365963	0.005	--	--	--
TW0103;E365964	0.008	--	--	--
TW0103;E365965	<0.001	--	--	--
TW0103;E365966	<0.001	--	--	--
TW0103;E365967	<0.001	--	--	--
TW0103;E365968	<0.001	--	--	--
TW0103;E365969	<0.001	--	--	--
TW0103;E365970	<0.001	--	--	--
TW0103;E365971	<0.001	--	--	--
TW0103;E365972	0.133	--	--	--
TW0103;E365973	<0.001	<0.001	--	--
TW0103;E365974	0.913	--	--	--
*Dup TW0103;E365961	0.004	--	--	--
*Dup TW0103;E365973	<0.001	--	--	--

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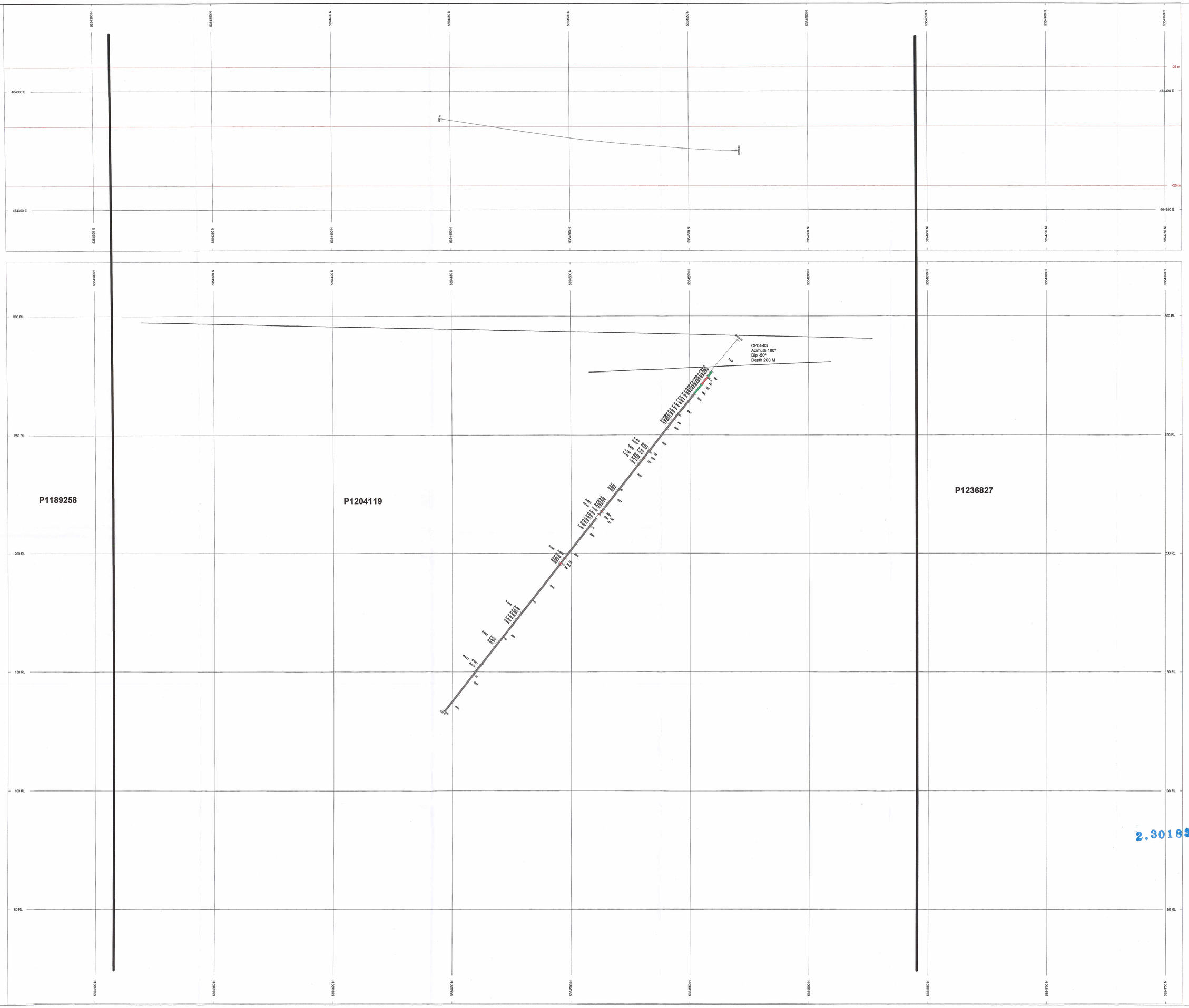
Projet/Project : **TW0105**
Notre Référence/Work Order : **R35470**
Date : 17/02/05
Page : 1 of 1
Final

Element.	P-150	Au-150	Au-150	P+150	Au+150	Au-tot
Methode/Method.	FAMET	FAMET	FAMET	FAMET	FAMET	FAMET
Det.Lim.	0.01	0.03	0.03	0.01	0.03	0.03
Mesure/Units.	grams	g/mt	g/mt	grams	g/mt	g/mt
TW0105;E370026	--	3.38	--	I.S.	--	--
TW0105;E370027	1625	0.41	0.42	10.81	0.23	0.42
TW0105;E370028	1428	0.79	0.69	8.13	0.04	0.74
TW0105;E370029	1082	0.24	0.22	9.06	0.08	0.23
TW0105;E370030	1747	0.41	0.42	27.48	<0.03	0.41
TW0105;E370031	1294	0.60	0.58	24.55	0.36	0.58
TW0105;E370032	3280	2.88	2.97	10.87	0.52	2.92
TW0105;E370033	1049	0.85	0.81	29.92	1.08	0.84
*Dup TW0105;E370026	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

SGS

Projet/Project : **TW0105**
Notre Référence/Work Order : **R35470A**
Date : 17/02/05
Page : 1 of 1
Final

Element.	Au	Au D	Au gr	Au gr
Methode/Method.	FAI303	FAI303	FAI303	FAI303
Det.Lim.	0.001	0.001	0.03	0.03
Mesure/Units.	g/mt	g/mt	g/mt	g/mt
TW0105;E370026	3.387	--	--	--
TW0105;E370027	0.429	--	--	--
TW0105;E370028	0.703	--	--	--
TW0105;E370029	0.238	--	--	--
TW0105;E370030	0.429	--	--	--
TW0105;E370031	0.603	--	--	--
TW0105;E370032	3.051	--	--	--
TW0105;E370033	0.854	--	--	--
*Dup TW0105;E370026	I.S.	--	--	--



2.30183

ROCK CODES	L/R	PAT	CODE	DESCRIPTION
Lithology	R		CAS	Casing
			FZ	Fault Zone
			QV	Quartz Vein
			SS6	Greywacke/Argillite
			SST	Greywacke
			SS8	Argillite
			VM	Mafic Metavolcanics

ASSAYS	L/R	TEXT
Au_ppm (PPM)	L	------

POSTED TEXT	L/R	TEXT	ITEMS
Lithology	R	------	All

SECTION SPECS:

REF, PT, E, N	464315 m	5354510 m
EXTENTS	493.9 m	310.7 m
SECTION TOP, BOT	322.9 m	10.2 m
TOLERANCE +/-	25 m	

SCALE 1 : 500

(m)

-5 0 5 10 15 20

AZIMUTH = 0°

N E S W

Porcupine Joint Venture

Comaplex Option

Section L 1+ 00 E

DDH CP04-03