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Porcupine Joint Venture Report on the 2006 Exploration Program Beaumont Property Timmins, Ontario



Stephen G. Harding, P.Geo. Exploration Geologist Goldcorp Canada Ltd. Porcupine Joint Venture January 2007

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Executive Summary

The Porcupine Joint Venture continued exploration activities on the Beaumont Property during 2006. The main focus of this program was to follow up results from the 2004 and 2005 exploration programs. A total of 1715m, in 4 holes, were drilled during the year.

Two new holes were drilled, and one previous hole extended, to follow up the 19.5gpt/0.4m and 7.4gpt/4.0m assays from DDH BM05-09. Two of the holes intersected zones of weak-moderate carbonaceous alteration with quartz veining similar to DDH BM05-09. Significant assays included 26.2gpt/1.4m and 21.3gpt/1.0m. The third hole failed to reach the target area. The results from this drilling appear to confirm the conclusions reached from the 2005 drill program that the alteration and mineralization may increase with depth. There may also be some folding associated with these zones.

One hole was drilled to test for a plunge to the grey zone alteration from DDH BM04-05. This hole intersected only ultramafic volcanics, suggesting some tight folding in this area of the property, which was also the conclusion from the 2005 drill program.

A total of 16 samples were collected from the drill core and sent for lithogeochemical analysis, as well as ASD analysis, to confirm lithologies and help identify alteration patterns which could help in targeting gold mineralization.

Recommended work on the property for 2007 includes diamond drilling to further test the significant assays and alteration zones from DDH BM05-09 and DDH BM06-03. This will also help get a better understanding of the structures in the area which may affect the mineralization.

1.0 Introduction

The Porcupine Joint Venture (51% Goldcorp, 49% Kinross) continued its exploration program in 2006 on the Beaumont Property which was optioned in September, 2004. The property consists of 11 contiguous claims with ownership shared between ten individual owners. The option agreement calls for \$250,000 in work costs and a \$35,000 option payment at the end of 2006. A total of \$150,000 in option payments and \$750,000 in work costs, over four years, are required for the PJV to acquire 100% interest in the property. The summary of work expenditures for 2006 is in Table 1.

2.0 Location and Access

The Beaumont Property is located in the northeast corner of Tisdale Township approximately 8 kilometres north-northeast of Timmins, in the District of Cochrane (Figure 1). Access to the property is via a gravel road either from the west off Hwy 655, or from the east north of Florence St. in South Porcupine. This road cuts the south part of the claim group but is not usable in winter. Various old bush roads cut the property but most are not accessible by vehicle.

3.0 Previous Work

The property and surrounding area have been mapped by various people including: Burrows (1915, 1924), Hurst (1939), and Ferguson et al (1968). Andy Fyon mapped part of the Beaumont and Kinch claims in 1983 as part of a regional gold study in the Timmins area.

There was limited diamond drilling on the property from 1917 to 1940 with approximately 7500 feet being drilled in 12 holes (Backman, 1941). Drilling was concentrated around the North (Shaft) Zone and South Zone, and is reported to have hit significant quartz veining. Most of the drill hole records are incomplete but several significant intersections were recorded including 216.7g/0.45m and 19.2g/0.9m. Grab samples from several pits on the South Zone reportedly gave values up to 14g/t, with visible gold noted (Backman, 1941). In 1954, 4 holes were drilled in the same area to follow up these results, but there is no assay data available for these logs.

From 1920-1928, a 2-compartment shaft was sunk on the North Zone, to a depth of 648 feet, in strongly carbonatized ultramafic volcanics with quartz veining. Crosscuts were driven on four levels for a total of approximately 600 feet. Unfortunately no records or plans have been found for the underground workings. A smaller shaft, 30 feet deep, was sunk on the South Zone in a massive white quartz vein. Numerous small pits and trenches are also found in the area.



In 1990 Moneta Porcupine Mines Inc. and Asarco Exploration Company of Canada Ltd. conducted ground magnetic and VLF surveys on portions of the property. From 1993-1999 the present owners carried out geophysical surveys on most of the property, as well as geological mapping, geochemical sampling, and trenching.

In November 2003, the PJV fenced off the shaft at the North Zone to satisfy MNDM regulations.

During 2004, the Porcupine Joint Venture completed total field magnetic and IP surveys over portions of the property. Three old trenches were channel sampled and the samples sent for gold analysis. There were no significant assays from these samples. A total of 1703m, in six holes, were drilled at the end of the year. These holes tested historical values from an old drill hole in the shaft area as well as IP anomalies. No significant values were received from the shaft area, but a new "grey zone" type mineralization was intersected in the northeast part of the property. Selected samples of drill core were also sent for lithogeochemical analysis.

In 2005, the Porcupine Joint Venture completed 3215m of diamond drilling in ten holes. These holes followed up results from the 2004 drill program and tested IP anomalies not tested in 2004. No significant results were received from the IP targets, but several assays were received from the shaft area. Selected samples of drill core were also sent for lithogeochemical analysis.

4.0 Regional Geology

The Porcupine camp is the largest producing gold district in North America and has produced approximately 65 million ounces of gold.

The Timmins area is underlain by late Archean, polydeformed ultramafic to mafic supracrustal rocks that comprise four major assemblages. These are transected by a major regional fault system, the east-west trending Destor-Porcupine fault. The oldest rocks (Deloro Assemblage) are unconformably overlain by dominantly tholeiitic mafic volcanic rocks of the Tisdale Assemblage. This assemblage is unconformably overlain by the Porcupine assemblage; a thick sequence of turbiditic sediments with a felsic pyroclastic near the base. There is a suite of quartz-plagioclase porphyry intrusions that are subvolcanic feeders to the pyroclastics. The Tisdale and Porcupine assemblages are unconformably overlain by Timiskaming assemblage clastic sediments. These form a northeasterly-trending belt that is developed along the Destor-Porcupine fault.

Several phases of folding and penetrative fabrics, associated with regional late Archean deformation events, affect the lithologies in the area. Early folds form two recognizable generations that are truncated at the Timiskaming unconformity. D2 folds are the dominant folds in the Porcupine camp. At least two dominant fabric-forming events are evident, D3 and D4. Temporal relationships within shear zones suggest that gold mineralization in the Timmins area spans the D3 and early D4 deformation events, and

relate to second order shear structures on segments of the Destor-Porcupine Fault Zone.

5.0 Property Geology

The area is underlain by a series of mafic and ultramafic volcanic flows of the lower Tisdale Group, trending east to east-northeast and dipping steeply to the south (Ferguson et al, 1968). This same volcanic belt can be traced to the east to the Broulan, Hallnor, and Pamour Mines.

The ultramafic volcanics are predominantly peridotitic komatiites and occur throughout the property (Figure 2). In the north and south areas, they are grey-grey/green with a polysutured texture and locally with spinifex. They are predominantly weak-moderately talc altered with varying amounts of ankerite and chlorite. In some areas they contain a dark green serpentine alteration and are moderate-strongly magnetic. These flows generally contain no significant mineralization or veining. In the central part of the property near the North Zone, the ultramafics are strongly carbonatized with varying amounts of sericite and/or fuchsite alteration. They contain significant amounts of quartz veining/stringers but little or no mineralization. There is localized talc alteration around these zones.

The high-iron tholeiites occur as narrow bands up to 50 metres wide in two identified areas on the property. They are generally grey/green with weak-moderate chlorite and moderate-strong leucoxene, and locally with weak ankerite/calcite/sericite alteration. These flows are massive and tend to be coarser grained than the high-magnesium tholeiites. No significant veining but some scattered mineralization was encountered in the high-iron tholeiites.

The high-magnesium tholeiites occur throughout the property. In the south half they are grey/green-green with weak-moderate chlorite and locally pervasive calcite alteration. These flows are pillowed and usually amygdaloidal. In the area around the South Zone, massive white quartz veins up to 2.5m wide with rare pyrite were encountered. Similar veins occur in small pits between Lines 8E and 9E at TL 2400S. In the north half, the high-magnesium tholeiites were previously mapped as basaltic komatiites by Pyke (1999) based on geochemical analysis. In drill core these appear to be more similar to the high-magnesium tholeiites. They are grey/green-grey with weak chlorite alteration and trace-weak ankerite alteration, and are generally pillowed flows. Locally this unit contains weak-strong carbonaceous alteration similar to that found at the Hoyle Pond Mine. These zones may contain grey quartz-carbonate veins or stringers up to 4m wide, with varying amounts of pyrrhotite, chalcopyrite, and pyrite. The carbonaceous zones also tend to have a stronger foliation than the surrounding rocks.

Structurally the property is cut by northwest trending faults and east-northeast trending shear/fault zones. Some vertical folding is evidenced by a change in foliation directions from steeply south to steeply north in a number of the drill holes



6.0 2006 Exploration Activities

6.1 Diamond Drilling

The 2006 exploration program consisted of 1715m of diamond drilling in four holes (Figure 3). The drill program was laid out to follow up the significant intersections in DDH BM04-05 and DDH BM05-09 from the 2004/2005 drill programs. The holes were subsequently logged, sampled, and assayed for gold at SGS Labs in Toronto. The holes were sampled by splitting the core with the remaining core being stored at the Dome Mine core farm. Samples from the drill core were also collected for lithogeochemical analysis (see Section 6.2). Diamond drill hole logs are in Appendix 1, and the drill hole sections are in the back pockets. Significant assays from this program can be found in Table 2, and a break down of the total drill costs/hole is in Table 3.

DDH BM06-01 (359m) was drilled to follow up the 11.8gpt/1.45m from DDH BM04-05. This hole was drilled 50m west of BM05-10 to test for a possible plunge to the grey zone alteration in DDH BM04-05 and DDH BM05-10. The hole intersected talc/serpentine altered ultramafics down the entire length of the hole. This may indicate some tight folding in the lithologies, as seen in other drill holes in this area, or an increase in the thickness of the ultramafic unit as you move west. No significant assays were received from this hole.

Two new holes were drilled, and one previous hole extended, to follow up intersections of 19.5gpt/0.4m and 7.4gpt/4.0m in DDH BM05-09 from the shaft area.

DDH BM06-02 (413m) was drilled 35m south of BM05-09 to try and intersect the significant assays and alteration at a greater depth. The hole intersected two narrow mafic volcanic units in the top half of the hole while the remainder of the hole was a talc/chlorite-rich ultramafic unit. Due to the talcose nature of the rock and steep foliation, the hole deviated to the west of its projected target area and was stopped early. No significant assays were received for this hole, but a 55cm quartz-calcite vein in the ultramafic unit did contain two specks of visible gold. The casing was left in this hole for the possibility of wedging another hole off this one at a later date.

DDH BM06-03 (598m) was drilled to test the assays and alteration in DDH BM05-09 approximately 50m to the east. The hole intersected a sequence of massive and pillowed flows with varying amounts of chlorite and sericite alteration, and locally weak grey zone alteration. These units contained narrow quartz veins and locally up to 5% sulphides. One quartz-calcite stringer in the lower part of the hole contained trace visible gold and returned an assay of 1.3gpt/0.3m. Other significant assays include 21.3gpt/1.0m from a quartz-calcite vein/stringer zone in weak-moderately grey zone altered volcanics with 5% sulphides. Another sample with quartz-calcite stringers and weak grey zone alteration yielded an assay of 26.2gpt/1.4m. Visually the remaining core from this sample did not seem to support this value so the sample was re-assayed. The second assay from the pulp returned 4.2gpt/1.4m.



The hole ended in mafic volcanics and did not intersect the ultramafic volcanic unit at the end of DDH BM05-09, which contained the quartz vein with an assay of 7.4gpt/4.0m. This may indicate some tight folding in the rock units, similar to that which may be occurring in the northeast part of the property.

DDH BM04-04EXT (345m) was also drilled to test the results from DDH BM05-09. This hole was an extension DDH BM04-04 (350m) which was drilled 50m to the west of DDH BM05-09, and approximately 100m below DDH BM04-03. DDH BM04-04EXT intersected talc/chlorite-rich ultramafics at the top of the hole. The hole passed through 132m of mafic volcanics with locally weak-moderate sericite/grey zone alteration similar to that in DDH BM05-09. These alteration zones contained multiple grey/white quartz veins with 1-2% sulphides. Significant assays include 2.3gpt/1.0m and 4.0gpt/0.6m from quartz-ankerite stringers. Visible gold was noted in one sample but yielded an assay of <1 gpt. DDH BM04-03 contained chlorite altered volcanics with little veining and no grey zone alteration. As in the case with DDH BM05-09 and DDH BM04-01, the alteration and veining appear to increase with depth. The hole ended in talc/serpentine altered ultramafic volcanics.

6.2 Lithogeochemistry

A total of 16 drill core samples were collected from the diamond drill holes and sent for a 40-element Multi-acid ICP analysis at SGS Geochemical Laboratories in Toronto. These samples were collected from the various lithological units as well as zones of significant alteration.

BM06-02	1 sample
BM06-03	11 samples
BM04-04EXT	4 samples

The results and interpretation of the analysis have been added to the PJV's regional geochemistry database. The interpretation of the lithogeochemical analyses confirmed the lithologies observed when logging the core (Figure 4). The alteration (Figure 5) and carb index (Figure 6) interpretations both appear to show an increase in alteration with depth in the volcanics around the shaft. The arsenic content (Figure 7) increases in the strongly carbonatized ultramafics around the shaft and in the mafic volcanics to south of the shaft. The lithogeochemical analyses for the drill core samples can be found in Appendix 3.

7.0 QA/QC Program

All sampling and assaying of the diamond drill core was carried out following the standard PJV QA/QC program. This was undertaken to test the accuracy of the assays received from the laboratory. The samples were all assayed by SGS Geochemical









Laboratories in Toronto, Ontario. No major issues were identified with the assays as a result of this program. The holes were sampled by splitting the core with the remaining core being stored at the Dome Mine core farm. Care was taken during the actual sampling process to ensure there was no contamination of the samples. The QA/QC Report for the Beaumont Property is not available at this time.

8.0 Conclusions

The 2006 exploration program on the Beaumont Property consisted of diamond drilling to follow up previous results from the 2004/2005 drill programs. Two new holes were drilled, and one previous hole extended, to follow up the 19.5gpt/0.4m and 7.4gpt/4.0m assays from DDH BM05-09. One of the holes intersected zones of weak-moderate carbonaceous alteration with quartz veining similar to DDH BM05-09. The second hole intersected less alteration but yielded assays including 26.2gpt/1.4m and 21.3gpt/1.0m. The third hole failed to reach the target area. The results from this drilling seem to confirm the conclusions reached from the 2005 drill program that the alteration and mineralization appear to increase with depth. There may also be some folding associated with these zones.

One hole was drilled to test for a plunge to the grey zone alteration from DDH BM04-05. This hole intersected only ultramafic volcanics, again suggesting some tight folding in this area of the property

9.0 Recommendations

Exploration work for 2007 should consist of diamond drilling in the area around the shaft. A minimum of four holes (2000m) should be drilled to follow up the significant results from DDH BM05-09 and DDH BM06-03. The quartz vein and alteration system from this hole needs to be tested for both an easterly and westerly extensions as well as at depth. At least one of these holes should be drilled from north to south to try and get a better understanding of the geology and folding in this area. This would also avoid the problems encountered with the talc-rich ultramafics in DDH BM06-02. A wedge hole drilled from DDH BM06-02 could also be a possibility in this area.

Work is also recommended for 2007, as it will be the last year of work required under the option agreement. The PJV would therefore own the property after performing \$120,610.00 in work commitments, in 2007, and making the final option payment at the end of 2007.

10.0 References

- Backman, O. L., 1941, Godden Claims, Tisdale Township, Porcupine Area, Ontario, Timmins Resident Geol. Office, Assessment Report T-383, 13p.
- Burrows, A. G., 1915, The Porcupine Gold Area; Ontario Bureau of Mines, Vol 24, Part 3, p. 1-57. Accompanied by Map 21a, Scale 1 inch to 2000 feet.
- Burrows, A. G., 1924, The Porcupine Gold Area, Fourth Report; Ontario Dept. of Mines, Vol 33, Part 2, 112p., Accompanied by Map 33a, Scale 1 inch to 2000 ft.
- Fyon, A. J.,
 1980, Seawater Alteration of Early Precambrian (Archean) Volcanic Rock and Exploration Criteria For Stratiform Gold Deposits, Porcupine Camp, Abitibi Greenstone Belt, Northeastern Ontario, Unpublished Masters Thesis, McMaster University.
- Hurst, M. E., 1939, Porcupine Area; Ontario Dept. of Mines, Map 47a, Scale 1 inch to 2000 feet.

Pyke, D. R. 1999, Geological Report on Northeast Tisdale Township Property

Cunnison, K. M. (Beaumont Shaft Claims), Tisdale Township, Timmins Area, Ontario, Timmins Resident Geol. Office, Assessment Report T-4380, 51p.

11.0 Statement of Qualifications

I, Stephen G. Harding, residing at 81 Hemlock St., Timmins, ON, do hereby certify that:

- 1) I am currently employed as an Exploration Geologist by Goldcorp Canada Ltd. -Porcupine Joint Venture
- 2) I am a member of the Association of Professional Geoscientists of Ontario, #1128
- 3) I graduated from the University of Western Ontario in London, ON with a B. Sc. (Hons) in Geology in 1987
- 4) I supervised the exploration activities on the Beaumont Property during 2006

Signed at Timmins, Ontario, January 2007

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Stephen G. Harding, P. Geo. Exploration Geologist Goldcorp Canada Ltd. - Porcupine Joint Venture

Appendix 1

Porcupine Joint Venture

Hole #	Eastin	g Nor	thing	Eleva	tion	Len th	Date	Test	Core Size	L	ogged By	/ [//S Casing	Pulle	d? Cem	ented?	Та	r et	Location \	Comments:				
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77.0	0	357.8	-54	1.4																				
128.0	0	354.4	-54	1.9	_																			
281.0	0	71	-54	.9	-											100								
350.0	0	1.6	-55	.9	_																			
FROM	TO	ROCK-TY	PE	C.A.	RQD		REMA	RKS	_	FROM	и то	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	%QS	% Ру	% Po % Aspy	Remarks				
0.00	16.00	OB								124.90	125.90	1.00	E440721	G	0.0025		- G	0.1						
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126.45	128.00	UM,M,	CL		100	grey/green,wk lower ct,tr py	cl,mn tc,coarser g	grained to fine	grained at															
128.00	134.10	UM,PS	,TC		95	grey-grey/green	n,wk-mod tc,loc n	nn cl,wk ps-m	sv,tr py															
134.10	134.25	QV		80	100	msv-wkly bx di	irty wh QV,mod o	ca,wk tc,mn cl																
134.25	266.50	UM,PS,S	R,TC		85	dk grey-grey/gr magnetic,tr qcs	reen,wk sr,tr-wk t s/py	c,wk ps-msv,s	trongly															
266.50	270.20	UM,FZ,S	R,TC		15	blocky,loc gou	ge,dk grey/green,	wk sr/tc																
270.20	359.00	UM,PS,S	R,TC		80	dk grey/green-g on fracs,str mag 300.4m,EOH.	grey,wk sr/tc,wk p gnetic,tr-1% qcs,t	ps-msv,loc blo tr py,10cm qcv	cky/gouge / @															

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Porcupine Joint Venture

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Sunday, December 03, 2006

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Hole #	Easti	ng Northin	Elev	ation	Length	Date	Test	Core Size	Lo	gged By	/ U	/S Casing	Pulle	d? Ceme	ented?	Tar	get	Loc	ation \ C	Comments:
BM06-02	48329	483295 5374923 301 413 13-Jul-2006 EZ Shot NQ				NQ	S	Harding		S N		N	_	BM)5-09					
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0.00		340	-71	1		Hole sto	opped, vcering away f	ioin target					_					10-Jul-	2006	17-Jul-2006
20.00		334.5	-71.1																	
71.00		328.4	-71.4																	
122.00		324.3	-71																	
224.00		319.9	-70.5	+																
275.00)	317.4	-70.5																	
326.00		316.1	-69.8																	
377.00		317.6	-69.2																	
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25.10		10,20			, , , ,	ocky/broken core, wk-mod gouge, approx 65% LC				29.70	1.00	F440732	G	0.0025		25	0.5	0.5		
25.10	25.70	UM,PS,TC,C	L 20	100	grey/green,wk	ic/cl,wk ps-msv,ti	r py		20.70	20.70	1.00	E440732	с С	0.0025		25	0.5	0.5		
25.70	32.70	VMI,M,CL		100	dk green-grey/g	green, mod-str cl, l	loc mod-str vfg		29.70	30.70	1.00	E440733	0	0.0025			0.1	0.1		
					lx,msv,20% wh	qcs < 8cm wide,	,loc tr py/po/cpy		30.70	31.70	1.00	E440734	G	0.0025		1	0.1			
32.70	41.00	UM,PS,TC,C	L 20	100	grey/green,wk	tc,tr-wk cl, wk ps-	-msv,wk fol,1-2%	qcs,tr py	31.70	32.70	1.00	E440735	G	0 00 25		4	0.1	0.1		
41.00	49.80	UM,PS,TC	20	80	grey-grey/greer	,mod tc,loc mn c	cl,wk ps-msv,wk f	ol,tr	32.70	33.70	1.00	E440736	G	0.0025		F. 1	0.1			
					qcs/py				48.70	49.7 0	1.00	E440737	G	0.0025			0.1			
49.80	50.20	QV	20	100	msv-wkly sty w	h QV, wk ca/tc, pa	arallel to fol		49.70	50.20	0.50	E440738	G	0.0025	7	0	0.1		Q	v
50 20	51 40	UM.PS.TC	20	70	grey mod to wk	foltr acs/py			50.20	51.20	1.00	E440739	G	0.0025		0.5	0.1			
51.40	52.50	E710					700/ 1.0		84.30	85.80	1.50	E440740	G	0.014		18	0.1			
51.40	52.50	FZ,LC		0	blocky/broken	core,wk gouge,ap	pprox 70% LC		85.80	87.30	1.50	E440741	- Y	0.0025			0.1			
52.50	55.30	UM,PS,TC	20	60	grey,mod tc,2-2	3% qcs,tr py			87 30	88 80	1.50	F440742	Y	0.0025		18	0.1		กิล	t stears
55.30	57.60	FZ,LC		0	blocky/broken	core, wk gouge, ap	pprox 60% LC		88.80	80.80	1.00	E440743	~	0.0025	2	\$	0.1		10	in ough
57 60	92 70	UM PS TC	10	85	grey mod to loo	mn cl wk ns-ms	www.fol.loc.gouge	• OT	00.00	09.00	1.00	E440745	1	0.0023	-	,	0.1		10	em dev
57.00		0,10,10	10	35	fracs, loc blocky	,3-5% flat-low as	ngle qcs/qcv < 20	cm	69.8U	90.70	0.90	E440/44	Y	0.007	4	1000	0.1		20	cm qcv
					wide,tr py				90.70	91.70	1.00	F.440745	Y	0.0025		2	0.1			
									91.70	92.70	1.00	E440746	Y	0.009		3	0.1			

Hole #: BM06-02

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	то	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	%QS	% Py	% Po	*Aspy Remarks
92.70	95.40	VM1,M,CL,CA	15	100	grey/green-green,wk-mod cl,mod ca,loc mod-str lx,loc wk	92.70	93.80	1.10	E440747 -	Υ	0.006		3	0. t	0.1	
					fol,2-3% qcs,tr py,loc tr po/cpy	93.80	94.80	00.1	E440748 .	Y	0.0025		5	0.1	0.1	
95.40	98.00	UM,PS,TC	15	80	grey,mod tc,8% qcs parallel to fol,tr py,loc tr po/cpy,5cm	94.80	95.40	0.60	E440750	Υ	0.0025		25	4	3	
					tit @ 96m	95.40	96.20	0.80	E44075I	Υ	0.0025		5	1.0	0.1	
98.00	98.55	QV	15	100	bx wh QV,mod ca,wk tc,mn cl,20% frags,2 spks vg at lower ct parallel to fol	96.20	97.20	1.00	E440752	Y	0.029		15	0.1		low angle qcs's
08.55	115.20	UM DE TO	15	05	arey mod to los ma ol wik as may wik fol 5% ass parallel	97.20	97.90	0.70	E440753	Υ	0.006			0.1		
98.33	115.20	UM,PS,TC	15	95	to fol,tr py	97. 9 0	98.60	0.70	E440754	Y	0.135	80		0.1		QV,vg
115.20	115.90	QV	15	50	bx wh QV,mod ca,wk tc,mn cl,parallel to fol	98.60	99.30	0.70	E440755	Y	0.012		10	0.1		
115.00	159.20	IM PS TC	15	00	arey-arey/areen modits los minsliwkins-msy wk follos	99. 3 0	100.30	1.00	E440756	Y	0.0025		3	0.1		
115.70	159.20	0141,1 5,1 C	15	70	narrow ($<$ 1m) bands of serp alt'n,5% qcs/qcv < 15cm	112.70	113.70	1.00	E440757	Y	0.0025		12	0.1		
					wide,tr py	113.70	115.20	1.50	E440758	Y	0.0025			0.1		
159.20	159.80	QV	25	100	approx 20cm bx wh QV,mod ca,tr py,parallel to fol	115.20	115.90	0.70	E440759	Y	0.0025	90				QV
159.80	174.30	VMI,M,CL,SE	30	100	grey/green/brown,wk cl,tr-wk se/ca,str lx,wk fol,7% qcs	115.90	116.90	1.00	E440760	Y	0.0025	15	2	0.1		l Scin gov
					loc w/ py/po/cpy,tr-1% py,1-2% dissem po,loc tr cpy		156.70	1.50	E44076I	Y	0.0025		. 7	0. i		
174.30	174.50	QV	45	100	18cm wkly bx-msv gy QV,wk ca,mn cl,tr py/po,approx	1 56.70	158.20	1.50	E440762	Y	0.006			0.1		
					parallel to fol	1 58.20	1 59.20	1.00	E440763	Y	0.018			0.1		
174.50	184.00	√M1,M,CL	30	100	grey/green-green,wk-mod cl,loc mn ca,str lx,loc wk fol,1-	159.20	1 59.80	0.60	E440764	Y	0.093	65		0.1		20cmQV
		01/				1 59.80	160.80	1.00	E440765	Y	0.086		6	2	4	
184.00	184.25	Qv	75	100	bx wh QV,wk ca/dol?,mn cl,tr py/po	160.80	161.80	1.00	E440766 .	Y	0.031		5	2	- 4	
184.25	206.30	VMI,M,CL	30	100	grey/green-green,wk-mod cl,mn ca,str lx,wk fol,2-3%	161.80	162.80	1.00	E440768	Y	0.054		2	1	+	
						162.80	163.80	1.00	E440769	Y	0.125		-4	4	5	
206.30	308.00	UM,PS,TC,CL	30	95	grey-grey/green, wk-mod tc, loc tr-wk cl, wk ps-msv, loc wk fol from 25-50 deg tca loc parrow bands (<3m) of dk	163.80	164.80	1.00	E440770 -	Y	0.087		7	1	5	
					green finer grained serp alt'n,2-3% qcs,tr py	1 64.80	165.80	1.00	E440771	Y	0.027			0.5	3	
308.00	349.00	UM,PS,TC	25	199	dk grey-grey/green,mod tc,loc tr-wk cl,wk ps,loc wk fol,1-	165.80	166.80	1.00	E440772	Y	0.014		5	0.5	1	
					2% qcs,tr py	166.80	167.80	1.00	E440773.	Y	0.0025		. 7	0.1	0.1	
349.00	386.00	UM,PS,TC,CL	20	95	grey-grey/green,wk-mod tc,tr-wk cl,loc serp alt'n,wk	167,80	168.60	0.80	E440774	Y	0.008		10	0.1	0.1	
					ps,loc wk fol,1-2% qcs,tr py,WR E440709 @ 377m	168.60	169.30	0.70	E440775	Y	0.402		20	0.1	1	
386.00	413.00	UM,PS,CL,TC	20	100 grey/green-green,wk-mod cl,tr-wk tc,loc serp,wk ps-	169.30	170.30	1.00	E440776	Y	0.0025		0.5	0.1	0.1		
					msv,loc wk fol,1-2% qcs,tr py,EOH. 170.3	170.30	171.80	1.50	E440777	Y	0.0025		2	0.1	0.1	
						171.80	173.30	1.50	E440778	. Y	0.012		1	0.1	0.1	

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	то	WIDTH	SAMPLE#	QC?	AU G/T	% QTZ	%QS	% Py	% Po	% Aspy	Remarks
					(i)	173.30	174.10	0.80	E440779	Y	0.006		12	0.1	0.1		
						174.10	174.50	0.40	E440780	Υ	0.056	45	10	0.1	0.1	i	l 8cin QV
						174.50	175.50	1.00	E440781	γ	0.0025		5	0.1	0.1		
						175.50	177.00	1.50	E440782	Υ	0.0025			0.1			
						177.00	178.50	1.50	E440783	Υ	0.0025		0.1	0.1			
						178.50	180.00	1.50	E440784	Υ	0.0025		0.1	0.1			
						180.00	181.50	1.50	E440785	Υ	0.0025			0.1			
						181.50	183.00	1.50	E440786	Y	0.0025			0.1			
						183.00	183.90	0.90	E440787	Υ	0.0025		0.1	0.1			
						183.90	184 30	0.40	E440788	Υ	0.0025	65		0.1	0.1	2	25cınQV
						184.30	185 30	1.00	E440789	Υ	0.008			1.0			
						185.30	186.80	1.50	E440790	Υ	0.0025		1	0.1			
						197.30	198.80	1.50	E440791	Υ	0.0025			0.1			
						198.80	200.30	1.50	E440792	Υ	0.0025		13	0.1			
						200.30	201.80	1.50	E440793	Υ	0.009		.6	0.1			
						201.80	203.30	1.50	E440794	Υ	0.0025		5	0.1	0.1		
						203.30	204 .80	1.50	E 4 4079 6	Υ	0.0025		.6	0.1			
						204.80	206.30	1.50	E440797	Υ	0.0025		3	0.1			
						206.30	207.80	1.50	E440798	Y	0.011			0.1			

QC Report

QC code	Sample No	Au gpt	Original # / Grade	<u>QC TYPE</u>	Acquire Code
1012	E440749	2.70	+	STANDARD	STD
1010	E440767	2.40		STANDARD	STD
1012	E440 7 95	2.64		STANDARD	STD

Foliation Table

From	To	Intensity	Angle to Core Axis	
10.4	25.1	1	25	
25.1	57.6	1	20	
57.6	92.5	1	10	
92.5	159.8	1	15	
159.8	308	1	30	
308	349	1	25	
349	413	1	20	

Porcupine Joint Venture

Hole #	East	ting Nor	thing	Elevation	Length	Date	Test	Core Size	L	ogged By	- U	/S Casing I	Pulled	? Ceme	nted?	Tar	get	Loc	ation \ C	omments:
BM06-03	4832	292 537	4967	303	597.6	14-Aug-2006	S	Hardin	- 13	S N		N		BMO	5-09					
DISTAN	NCE	AZIMUTH	DIP		REMARKS				DD	нсомм	ENTS RE	MARKS	_	-			1	Start	Date	End Date
0.00)	360	-68															02-Au	-2006	16-Au -2006
23.0	0	2.5	-68.3																	
74.0	0	0.7	-68.5																	
125.0	20	357.9	-67.6												2.5					
230.0	0	356	-00.9																	
281.0	00	354.2	-66.1																	
332.0	00	350.3	-63.9																	
383.0	00	349.9	-63.8																	
434.0	00	350.5	-63.7																	
485.0	00	350.1	-63.2	-																
536.0	00	349.6	-62.5																	
507.0	TO	BOCK TV	-01			DEMA	DKS		FROM	70	мотн	SAMPI F #	002	ALL G/T	% OT7	40S	% Pv	% Po	% Asny	Remarks
FROM	10	ROCK-TTP		.A. N	40	REWIA	KK3		11(0.)				407	NO ON					,p)	
0.00	12.90	OB							17.20	18.20	1.00	E440921	Y	0.0025		1	0.1			
12 90	18 35	VM UM M	CL CA	25 9) green-grev/gre	een-grev/green wk-mod ol wk og msv log wk fol mn u		fol.mn u	18.20	18.70	0.50	E440922	Y	0.0025	70		0.1		Q١	J
12000	10.00	,,,,	,-2,		mafic sections	tr-1% qcs,tr py			18.70	19.70	1.00	E440923	Y	0.0025		0.1	0.1			
18 35	18 70	01/		30 6	5 men wh OV w	k ca ma brown tou			19.70	21.00	1 30	F440924	v	0.0025			0.1			
10.55	10.70	Q۷		50 0			17 111		17.70	21.00	1.50	E440024	.,	0.0025			0.1			
18.70	21.00	VM,UM,M,	,CL,CA	25 8	5 green-grey/gre	en,wk-mod cl,wk	ca,20% u. mat	fics,1%	21.00	22.00	1.00	E440925	Y	0.0025			0.1			
					qcs,tr py				22.00	23.00	1.00	E440926	Y	0.012	30		0.1		30	cm QV
21.00	22.20	UM,M,CI	L,TC	20 10	0 grey/green,wk	ci/ca,tr-wk tc,loc	wk fol, w py		23.00	24.00	1.00	E440928	Y	0.0025		17	0.1			
22.20	22 50	οv		40 10	0 msv wh OV.w	k-mod ca.mn cl.an	prox parallel i	to fol	36.20	37.20	1.00	E440929	Y	0.0025		6	0.1			
					· · · · · · · · · ·				37 20	38 20	1.00	F440930	Y	0.0025			0.1			
22.50	23.70	UM,M,CI	L,IC	20 10	0 grey/green,wk	cl/tc/ca.msv-wk p	s,loc wk fl,5cr	n qcs at	39.20	20.20	1.00	E440071	v	0.0025		1	0.1			
					lower ci, r py				38.20	39.20	1.00	E440931	T	0.0025		1	0,1			
23.70	35.00	UM,PS,	TC	2	blocky,grey,m	od tc,loc mn cl,wk	ps-msv,loc w	k fol,loc	39.20	40.20	1.00	E440932	Y	0.0025		1	0.5			
					narrow flts/go	uge,tr qcs/py			40.20	41.20	1.00	E440933 ,	Y	0.0025		. 4	0.1			
35.00	38.20	UM,PS,C	L,TC	40 8	0 grey/green,wk	cl/tc,wk ps-msv,lo	oc wk fol,3% c	cs,tr py	41.20	42.20	1.00	E440934	Y	0.0025		4	0.1			
38 20	44 00	VM PIL AM	Y CL SF	30 9	5 grey/green/hro	wn wk cltr-wk se/	/ca wk amvos/	fol 1%	102.40	103.40	1.00	E440935	Y	0.0025		6	0.1			
50.20	11.00	,,	.,		qcs,tr py			,. / 0	102.40	104.00	0.60	E440026	v	0.0005	00		0.1	<u> </u>	01	1
44.00	68.00		AV CI	25 10	0 area/arear wh	al te sult as sult are	van/fol tr con/	N/D	103.40	104.00	0.00	E440930	T	0.0025	90		0.1	0.1	Q	
44.00	08.00	v wi,ril,AN	VII,CL	25 10	E440714 @ 55	5.8m	ygs/101,17 dcs/	py, w K	104.00	105.00	00.1	E440937	ιY	0.006		1	0.1			

iday, December 03, 2006

FROM	то	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	тO	WIDTH	SAMPLE #	963	AU G/T	% QTZ	% QS	% Ру	% Po	% Aspy	Remarks	_
68.00	89.20	VM,PIL,AMY,CL,CA	5	80	grey/green,wk cl/ca,loc mn.se/c?,wk amygs/fol,1-2% qcs	125.30	126.30	1.00	E440938	Υ	0.008			0.1	0.1			
					parallel to fol,tr py,loc tr po/cpy in strgrs	126.30	127.30	1.00	E440939	Υ	0.238		10	2	- T			
89.20	102.00	VM,M,CL,SE	35	100	grey/green/brown,wk cl/ca,tr-wk se,wk-mod fol,1-2%	127.30	128.00	0.70	E440940	Y	0.042		2	2	1			
					qcs,tr py	128.00	128.50	0.50	E440941	Y	0.503		18	2	- ji			
102.00	103.40	VM,PIL,AMY,SE,CL	45	100	grey/brown/green,wk se/cl/ca,wk amygs,wk-mod fol,6%	128.50	129.80	1.30	E440942	Υ	0.019			2	. \$			
103 40	104 00	OV	45	100	∇v_{μ}	129.80	130.60	0.80	E440943	Υ	0.666		20	2	1			
105.40	104.00	QV	45	100	fol	130.60	131.30	0.70	E440944	Υ	0.047		10	8	1			
104.00	106.70	VM,PIL,AMY,CL,SE	45	100	grey/green/brown,wk cl/se/ca,wk amygs/fol,tr qcs/py	131.30	132.30	1.00	E440945	Υ	0.06		2	3	1			
106.70	115.00	VM1 M CL		100	grey/green wk-mod cl msy slightly coarser grained 1%	132.30	133.30	1.00	E440946,	Υ	0.268		15	4	1			
100000		,		100	qcs,tr py	133.30	134.30	1.00	E440947。	Υ	ι.2		- #÷	- 4	2			
115.00	126.30	VM1,M,SE,CA	30	100	grey/brown,wk se/ca,loc mn cl,msv,wk fol,tr qcs/py,loc tr	134.30	135.00	0.70	E440949	γ	0.026	85		3	- 25	Q	v	
					po, WR E440715 @ 122m	135.00	135.70	0.70	E440950	Υ	0.007	35	2	3	2	30	icm QV	
126.30	134.30	VM1,M,GZ,CA	30	100	grey-grey/brown,wk grey zone/ca,loc mn se,wk fol,8%	135.70	136.80	1.10	E440951	Υ	0.069			- 1	2			
					gy/wh qz & qz-ca strgrs parallel to fol,2-3% py,1%	136.80	137 .40	0.60	E440952	Υ	0.015	20		1	2	10	lcm QV	
124.20	124.00	01/	50	100		137.40	138.20	0.80	E440953	Υ	0.007			0.1	0.1			
154.50	134.90	QV	50	100	to fol	138.20	139.20	1.00	E440954	Υ	0.006		10	1.0	0.1			
134.90	135.30	VM1,M,GZ,CA	30	100	grey,wk gz/ca,mл se,5% qcs,2% py,3% po	139.20	140.20	1.00	E440955	Υ	0.007		3.	0.1	0.1			
135 30	135 60	OV	50	100	by $wh/gy OV$ which is not	150.00	151.00	1.00	E440956、	Υ	0.01			0.1				
155.50	133.00		20	100		151.00	151.70	0.70	E440957	Y	0.007		13	- 3	0.1			
135.60	137.40	VM1,M,GZ,SE	25	100	grey-grey/brown, wk gz/se/ca, wk 101,3% qcs, 1% py, 1% 0.10 cm gy/wh OV @ 137.2m	151.70	I 52.50	0.80	E.440958	Y	0.007		17	. 4	2			
137.40	189.00	VMI M SE CA	20	05	grey/brown wk se/ca loc mn cl/gz wk fol 1-2% acs tr	152.50	153.50	I.00	E440959	Υ	0.0025		- 81	0.5	0.1			
157.40	107.00	VIVII,IVI,OL,CIT	20	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	py,loc tr po	179.10	180.10	1.00	E440960_	Y	0.0025		1	0.1				
189.00	200.60	VM1,M,CL,CA	20	100	grey/green,wk cl/ca,mn se,wk fol, 1% qcs,tr py,loc tr po	180.10	181.10	1.00	E440961	Y	0.0025		1	0.1				
200.60	206 60	VM PIL SF	20	100	grey/brown wk se mn c at end loc mn cl wk fol 1-2%	181.10	181.60	0.50	E440962 ~	Y	0.009	35	10	0.5	0.1	10	lcinQV	
200.00	200.00	· ···,· ·L ,0 L	20	100	qcs,tr py,loc tr po	181.60	182.60	1.00	E440963、	Υ	0.0025		- 51	0.1	0.1			
206.60	217.20	VM,PIL,SE,GZ	15	100	grey-grey/brown,tr-wk se/gz,loc mn ca,wk fol,8% qcs	204.60	205.60	1.00	E440964	Υ	0.0025		+	0.1	1.0			
					predom parallel to fol,tr-1% py,tr po	205.60	206.60	1.00	E440965.	Y	0.0025		1	0.1	0.1			
217.20	221.00	VM,PIL,SE,CA	10	90	brown/grey,wk se,tr-wk ca,wk-mod fol,3% qcs,tr py	206.60	20 7 .60	1.00	E440966	Y	0.128		20	2	0.5			
221.00	234.00	VM1,M,SE,CL	5	75	grey/brown/green,wk se,tr-wk cl/ca,wk-mod fol,tr-1%	207.60	208.60	1.00	E440967	Ϋ́	0.0025			4	1.0			
					qcs,tr py	208.60	209.60	1.00	E440968	۱Y	0.029		4	0.5	0.1			

States (states 1) All

Ne

SAMPLE # QC? AU G/T %QTZ %Py % Po % Aspy Remarks FROM TO ROCK-TYPE C.A. RQD REMARKS FROM ΤO WIDTH %QS 234.00 247.00 209.60 210.60 1.00 E440969 ~ Y 0.011 1 0.5 0.1 VM,PIL,AMY,SE,CA 10 90 brown/grey,wk-mod se,tr-wk ca,wk amygs/fol,loc VM1 patches, 3-4% qcs parallel to fol, tr py 1.00 E440971 -1 210.60 211.60 Y 0.007 0.1 247.00 259.00 VM1,M,SE,CL 20 100 grey/green/brown,wk se,tr-wk cl/ca,loc wk fol,2% qcs,tr 211.60 212.40 0.80 E440972 ~ Υ 0.0025 0.1 py,loc tr po,WR E440717 @ 259m 212.40 213.20 0.80 E440973 -Υ 0.0025 12 1 0.1 259.00 267.00 VMI,M,SE,CA 25 95 grey/brown,wk se/ca,mn c at end,wk fol,3% qcs cutting 3cm flat qcs 213.20 214.00 0.80 E440974、 Υ 25 0.0025 0.1 fol,tr py,loc tr po/cpy 214.00 214.80 0.80 E440975 ~ Υ 0.0025 20 0.5 0.1 flat qcs 267.00 270.85 VMI,M,GZ,SE 30 100 grey-grey/brown,wk gz,tr-wk se/ca,wk fo1,5% gy qcs 214.80 215.80 1.00 E440976 -Y 0 0025 0.1 cutting fol,2% py,tr-1% po 0.1 215.80 217.20 1.40 E440977 Y 262 3 270.85 271.15 0V 70 100 wkly bx dk grey QV, wk ca, 1% py, 2% po, cutting fol 261.70 263.20 1.50 E440978 Y 0.018 2 1.0 271.15 273.65 VM,PIL,GZ,CA 30 95 grey-dk grey,wk-mod gz/ca,loc nmse,wk fol,8% wh/gy 263.20 264.70 1.50 E440979 ,-0.0025 0.1 Y 5 qcs cutting fol,1% py,1% po 264.70 266.20 1.50 E440980[,] Υ 0.017 3 0.1 273.65 274.30 QV 65 100 msv-wkly bx wh QV,wk ca,tr py/po/cpy,cutting fol E440981 0.1 266.20 267.20 1.00 Y 0.0025 5 0.i 274.30 276.70 VM,PIL,AMY,GZ,CA 20 80 grey,wk gz/ca,mn se,wk fol,7% qcs,tr-1% py,tr po 267.20 268.20 1.00 E440982 -Υ 0.011 13 2 0.1 276.70 287.50 VM,PIL,AMY,SE 20 100 brown/grey,wk-mod se,mn gz at top,wk amygs/fol,8% 268.20 269.20 E440983 1 1.00 Y 0.011 0.1 qcs,tr py,low angle 20cm ca-qz vein @ 279.3m 269.20 270.20 1.00 E440984 Υ 0.333 2 0.5 -6 VM,PIL,AMY,CL 287.50 295.00 20 100 grey/green,wk cl,wk amygs/fol,1% qcs cutting fol,tr 270.20 270.80 0.60 E440986 Y 16.4 5 py,WR E440718 @ 293m 70 QV 270.80 271.20 0.40 E440987 Υ 28.6 3 295.00 309.00 VM,VM1,PIL,M,CL 100 grey/green,wk-mod cl,40% msv,60% pil/amyg,tr-1% 271.20 272.00 E440988 * qcs,tr py 0.80 Y 0.388 309.00 318.00 VMI,M,CL 100 grey/green,wk-mod cl,2-3% qcs,tr py 272.00 272.80 0.80 E440989 Y 0.113 . E440990 272.80 273.60 0.80 13 318.00 322.00 VM1,M,SE,CL 25 Y 0.025 1 100 grey/green/brown,wk se/cl,tr-wk ca,str lx,wk fol,2% qcs,# 273.60 274.30 ру 0.70 E440991 Υ 90 0.1 0.1 QV 0.0025 322.00 330.00 VMI, M, SE, C 30 grey/brown,wk se,tr-wk c/gz,wk fol,8% gy/wh qcs,tr py,tr 274.30 275.10 E440992 95 0.80 15 Y 0.0025 0.1 0.1 po,loc tr cpy,10cm gy QV @ 323.5m 275.10 275.90 0.80 E440993 🔍 Y 0.1 0.0025 E 330.00 330.35 QV 30 100 approx 15cm msv-wkly bx wh QV, wk ca,mn tourm,tr 275.90 276.70 0.80 E440994 🗵 0.0025 0.5 Y 5 0.1 py/po,parallel to fol 276.70 277.70 E440995 🔪 0.1 1.00 Y 0.0025 330.35 331.45 VMI,M,SE,C 30 100 grey-grey/brown,wk se,tr-wk c/gz,wk fol,5% qcs,2% py,tr 277.70 278.70 1.00 E440996 🗸 30 1.0 Y 0.083 low angle qcs ро 278.70 279.70 1.00 E440997 Y 0.0025 30 1.0 20cm QCV .3 331.45 331.75 QV 30 100 approx 12cm msv wh QV,wk ca/tourm,tr py/po,parallel to 279.70 281.20 1.50 E440998 0.1 Y 0.0025 fol 281.20 282.70 1.50 E440999 Υ 0.1 0.008 331.75 332.05 VMI,M,SE,C grey-grey/green,wk se,tr-wk c/cl,5% py,mn po 30 100 320.50 322.00 1.50 E441000 Ϋ́ 0.0025 0.1

FROM	то	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	то	WIDTH	SAMPLE # QC	? AUG/T	% QTZ	% QS	% Py	% Po	% Aspy Remarks
332.05	332.30	QV	35	100	approx 12cm msv-wkly bx wh QV,wk ca/tourn,tr	322.00	323.00	1.00	E441001	0.0025		15	0.1	0.1	
332.30	339.20	VMI.M.SE.CL	25	100	grey/green/brown.wk se.tr-wk cl/ca.loc wk fol.1-2% qcs.tr	323.00	325.00	1.00	E441002 > 1	0.0023	13	,	0.1	0.1	10cm OV
		, ,- ,			py,loc tr po	325.00	326.00	1.00	E441004	0.0025		8	0.1	0.1	
339.20	340.10	QV	30	100	bx wh/mn gy QV,wk ca/cl,mn tourm,1% py,tr po,parallel	326.00	327.00	1.00	E441005 · · · ·	0.0025		1	1.0		
					to fol	327.00	328.00	1.00	E441006 -	0.0025		2	0.1	0.1	
340.10	354.50	VM1,M,CL,SE	25	100	grey/green/brown,wk cl/se,loc tr-wk ca/mn c,loc wk fol,2- 3% qcs,tr py,loc tr po	328.00	329.00	1.00	E441007	0.007		7	0.5	0.1	
354.50	360.50	VM1.M.CL		100	grey/green-green.wk-mod cl.tr qcs/py	329.00	330.00	1.00	E441008 🔪 Y	0.006		01	1.0	0.1	
360.50	366 50	VM PIL AMY CI		100	grey/green-green wk-mod cl wk amygs loc wk fol 5%	330.00	330.50	0.50	E441009 - 1	0.148	4	5 4	4	0.1	l 5cm QV
300.30	500.50	V M,I IL,AM I,CL		100	qcs,tr py,loc tr po,wk se w/ strgrs/po in top 0.8m	330.50	331.40	0.90	E441011 - Y	0.048		. 5	2	0.1	
366.50	391.00	VMI.M.CL		100	grey/green-green, mod cl, tr-1% qcs, trpy, WR E440719 @	331.40	332.00	0.60	E441012 - Y	1.14	40)	4	0.5	I 2cm QV
					376.5m	332.00	332.50	0.50	E441013 * Y	0.076	40	D	2	0.1	I 2cm QV
391.00	407.00	VM,PIL,AMY,CL		100	grey/green-green,mod cl,wk amygs,tr-1% qcs,tr py,loc tr	332.50	333.50	1.00	E441014 ~ Y	0.0025		1	0.1		
					po in strgrs,WR E440720 @ 400m	333.50	335.00	1.50	E441015 🚬 Y	0.0025		2	0.1	0.1	
407.00	415.90	VM,PIL,AMY,CL,SE	35	100	grey-green-loc grey/brown,loc tr-wk cl/se,wk-mod	335.00	336.50	1.50	E441016	0.0025		. 8	0.1	1.0	
					amygs,loc wk fol,2-3% qcs,tr py,loc tr po	336.50	338.00	1.50	E441017 🔪 Y	0.0025		2	0.1		
415.90	416.50	QV	35	100	bx wh QV,wk ca/cl,tr py/po/cpy,parallel to fol	338.00	339.20	1.20	E441018 ~ \	0.016		2	0.5	0.1	
416.50	423.50	VM,PIL,AMY,SE	35	100	grey/brown,wk se,loc tr-wk ca,mod amygs,loc wk fol,1%	339.20	340.10	0.90	E441019~	0.47	90)	2	0.1	QV
422.50	433.00	VM DIL AMY CI	25	100	grav/graan loo grav/brown wik mod al loo tr wik as /se mod	340.10	341.10	1.00	E441020 - Y	0.009		3	0.1	1.0	
425.50	455.90	V M,I IL,AM I,CL		100	amygs,loc wk fol,1-2% qcs,tr py,loc tr po	341.10	342.60	1.50	E441021	0.0025		3	0.1		
433.90	438.00	VM,PIL,AMY,SE,CA	40	100	brown,mod se,tr-wk ca,wk-mod amygs,wk fol,2-3% qcs,tr	342.60	344.10	1.50	E441022 * 0	0.0025			0.1		
					py,loc tr po	344.10	345.60	1.50	E441023 ° (0.062		. 4	- <u>U</u>	1.0	
438.00	443.70	VM1,M,SE,CA	40	95	brown,mod se,tr-wk ca,wk-mod fol,2-3% qcs,tr py,loc tr	345.60	347.10	1.50	E441024 👾 🕻	0.0025		3	0.1	0.1	
					ро	359.50	360.50	1.00	E441025 🔪 C	0.0025		1	0.1		
443.70	445.80	VM1,M,GZ	40	100	grey-dk grey,wk gz,mл ca,wk fol,1-2% qcs,tr py/po	360.50	361.30	0.80	E441026 - (0.0025		18	0.1	0.1	
445.80	448.20	VMI,VM,M,PIL,SE	40	100	grey/brown,wk-mod se,mл ca,wk fol,pil in lower	361.30	362.30	1.00	E441027 0	0.0025		3	0.1		
					0.6m,7% qcs,tr py,loc tr po	414.90	415.90	1.00	E441028 - C	0.0025		3	0.1	0.1	
448.20	448.75	QV	40	100	bx wh QV,wk ca,mn tourm,tr py/po,parallel to fol	415.90	416.50	0.60	E441029 🛰 🤇	0.0025	90)	0.1	0.1	QV
448.75	452.00	VM,PIL,SE	40	100	brown,mod-str se,mn amygs,wk fol,12% qcs,tr py,loc tr po	416.50	417.50	1.00	E441030 🐂 (0.0025		3	0.1	0.1	
452.00	455.70	VMI,M,SE,CL		100	grey/brown/green,wk-mod se,tr-wk cl,1% qcs,tr py	442.70	443.70	1.00	E441031 *•C	0.018		1	0.1	0.1	

Hole #: BM06-03

Sunday, December 03, 2006

FROM	то	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	то	WIDTH	SAMPLE # QC?	AU G/T	% QTZ	%QS	% Py	% Po	%Aspy Remarks
455.70	459.70	VM,PIL,AMY,SE		100	brown,mod se,mi ca,wk amygs,tr qcs/py,WR E415307	443.70	444.70	1.00	E441032 - G	0.008		2	0.1	0.1	
459.70	483.00	VM,PIL,AMY,CL		100	grey/green-green,mod cl,wk amygs,loc msv sections,tr	444.70	445.80	1.10	E441033 G	0.0025		2	0.1	1.0	
					qcs/py	445.80	446.80	1.00	E441034 G	0.006		- ty	0.1		
483.00	485.30	VM1,M,CL,SE		100	grey/green,wk cl/se,mn ca,tr qcs/py	446.80	447.50	0.70	E441035 G	0.009		0.1	0.1		
485.30	485.50	QV		100	l6cm wkly bx wh/nm gy QV,wk ca,mn cl,tr py/po/cpy	447.50	448.20	0.70	E441036 G	0.0025		2 0	0.1	0.1	
485.50	506.70	VMI,M,CL		100	grey/green-green, mod cl, mn se at top ct, loc narrow pil	448.20	448.80	0.60	E441038 G	0.009	85		●.1	0.1	QV
					sections, 1% qcs, tr py, loc tr po/cpy in strgrs	448.80	449.50	0.70	E441039 G	0.0025		. 4	0.1	0.1	
506.70	509.15	VM,PIL,AMY,CL		100	grey/green,wk-mod cl,wk amygs,tr py	449.50	450.30	0.80	E441040 G	0.012		15	0.1	0.1	
509.15	509.30	QV	60	100	msv wh/mn gy QV,wk ca/feld?,tr py/po	450.30	451.00	0.70	E441041. Y	0.006		30	0.1	0.1	
509.30	512.70	VM,PIL,AMY,CL		100	grey/green,wk-mod cl,wk amygs,1% qcs,tr py	451.00	452.00	1.00	E441042 🤟 Y	0.006		0.1	1	0.1	
512.70	531.20	VMI,M,CL		100	green-grey/green.mod cl.mn gz/c in lower 2.5m.tr qcs/py	452.00	453.00	1.00	E441043 Y	0.006		0.5	0.1		
531.20	538 30		30	100	dk grev wk-mod gz/ca loc wk fol 6% acs predom cutting	484.20	485.20	1.00	E441044 Y	0.0025		0.1	0.1		
551.20	550.50	· mi,m,02,071	50	100	fol,tr-1% py,1% po,loc tr cpy,1 spk vg in 1cm grey qcs @	485.20	485.50	0.30	E441045 Y	0.0025	55		0.1	0.1	I 6cm Q V
					535.4m,WR E415308 @ 533.2m	485.50	486.50	1.00	E441046 Y	0.0025		0.5	0.1		
538.30	542.30	VM1,M,CL,SE		100	grey/green/brown,wk cl,tr-wk se/ca,1-2% qcs,tr py,loc tr	509.00	509.40	0.40	E441047 Y	0.0025	55		0.1	0.1	I Sem QV
<i></i>					po/cpy	530.20	531.20	1.00	E441048 Y	0.0025		10	0.1		
542.30	584.00	VM1,M,CL		100	grey/green-green,wk-mod cl,loc mn c/ca,loc mn fracs,2- 3% ges tr ny loc tr no/eny WR F415309 @ 567 4m	531.20	532.00	0.80	E441049 Y	0.019		10	0.1	0.1	
584.00	592.00	VMI M CL CA		100	grev/green wk cl/ca 2.3% acs tr ny loc tr no/cny WR	532.00	533.00	1.00	E441050 V	0.012		0.1	0.5	0.1	
504.00	572.00	viiii,iii,e2,e7		100	E415310 @ 589.2m	533.00	533.80	0.80	E441051 E441057	0.04		1	0.5	0.5	
592.00	597.60	VM1,M,CL,GZ		100	grey/green-grey,wk cl/ca,loc tr-wk gz,3% qcs,tr-1% py,tr	534.60	535 20	0.60	E441053 1	0.039		10	0.5		
					po,EOH.	535 20	535.20	0.00	E441055 Y	1.26		10	0.5	- 7	
						535 50	536.00	0.50	F441056 Y	0.122		30	0.5	2	form ges
						536.00	537.00	1.00	E441057 Y	0.0025		20	0.5	-	0000 400
						537.00	537.50	0.50	E441058 Y	0.046		35	0 1	0.5	8cm acs
						537.50	538.30	0.80	E441059 × Y	0.274		4	0.1	0.1	
						538.30	53 9 .30	1.00	E441060 - Y	0.008		5	0.1	0.1	
						53 9 .30	540.30	1.00	E441061 🖌 Y	0.007		0.5	Ú.1		
						587.00	588.00	I.00	E441062 ~ Y	0.169		2	1	0.5	
						588.00	589.00	1.00	E441063 🔍 Y	0.017		+	0.1	0.1	

<u>с – Е</u>	ROM	то	ROCK-TYPE	C.A.	RQD	 REMARKS		FROM	то	WIDTH	SAMPLE #	QC?	AUG/T	%QTZ	%QS	% Py	% Po	* Aspy	Remarks	
						··· +		589.00	590.00	1.00	E441064_	Y	0.006		0.5	0.1	0.1			
								590.00	591.00	1.00	E441065-	Y	0.006		2	0. I	0.1			
								591.00	592.00	1.00	E441067 -	Y	0.022		2	0.5	0.1			
							GZ	592.00	593.00	1.00	E441068	Y	0.0025		2	0. I	0.1			
							Ka	593.00	593.80	0.80	E441069	Y	0.0025		5	1	0.1			
							5/	593.80	594.60	0.80	E441070 -	. Y	0.0025		3	0.1	0.1			
							1	594.60	595.60	1.00	E441071	Y	0.086		. 5	1	0.5			
							91	595.60	596.60	1.00	E441072	Y	0.018		1	0.5	0.1			
								596.60	\$97.60	1.00	E441073 -	γ	0.049		5	0.1	0.1			

QC Report

QC code	Sample No	Au gpt	Original # / Grade	QC TYPE	Acquire Code
1010	E440927	2.67		STANDARD	STD
1012	E440948	2.42		STANDARD	STD
1019	E440970	1.51		STANDARD	STD V
1010	E440985	2.39		STANDARD	STD
1012	E441010	2.57		STANDARD	STD
1020	E441037	0.90		STANDARD	STD .
1010	E441052	2.54		STANDARD	STD
1011	E441066	3.34		STANDARD	STD

Foliation Table

From	To	Intensity	Angle to Core Axis
12.9	21	1	25
21	35	1	20
35	38.2	1	40
38.2	44	1	30
44	68	1	25
68	· 89.2	1	5
89.2	102	2	35
102	106.7	1	45
106.7	115	0	
115	137.4	1	30
137.4	206.6	1	20
206.6	217.2	1	15
217.2	221	2	10
221	234	2	5
234	247	1	10
247	259	1	20
259	267	1	25
267	274.3	1	30
274.3	295	1	20

FROM	то	ROCK-TYPE	C.A.	RQD	_	REMARKS	_	FROM	то	WIDTH	SAMPLE #	QC?	AU G/T	% QTZ	%QS	% Py	% Po	% Aspy	Remarks
									295	318		0							
									318	354.5		1			25				
									354.5	407		0							
									407	433.9		1			35				
									433.9	438		1			40				
									438	443.7		2			40				
									443.7	4 52		1			· 40				
									452	531.2		0							
									531.2	538.3		I			30				
									538.3	597.6		0							

Porcupine Joint Venture

Hole # M04-04EX	Eastin 483267	Northin 5374800	Elevation 308	Len_th 695	Date 25-Jul-2006	Test EZ Shot	Core Size	Log ed B S Hardin	y I	U/S Casing Pulle	d? Ceme N	nted?	Tar et BM05-0	t 19	Location	n \ Comments 65E. 26+75S	s:
DISTANCE	E AZIMU'	гн р	IP	REMARKS													
0.00	340		50					DDH COM	MENTS R	EMARKS	_	_		-	Start Date	End	Date
17.00	340	-	10.9		Extensio	on of BM04-04					_	_		_	17-Jul-2006) 02-Au	-2006
68.00	339.2	-4	18 7														
119.00	338.3	-4	7.7														
170.00	339.3	-4	7.5									1.2					
221.00	338.6	-4	46.5														
272.00	338.7	-4	15.4														
323.00	338.9	-4	15.2														
350.00	338.9	-4	15.3														
359.00	338.3	-4	15.3														
410.00	338.1	-4	14.7														
461.00	338.5	-4	14.4														
512.00	338.8	-4	12.9														
563.00	338	-4	11.9														
638.00	339	-4	12.3														
686.00	339.5	-4	2.3														
FROM	TO ROO	K-TYPE	C.A. RQ)	REMAI	RKS	_	FROM TO	WIDTH	SAMPLE # QC?	AU G/T	% QTZ %	as *	% Ру	% Po % As	spy Remarks	
350.00 3	53.00 U	M,PS,TC	100	dk grey,wk-mo	od tc,wk ps,3% qcs	s,tr py		352.00 353.00	1.00	E440799 Y	0.017		1	0.1			
353.00 3	74.70 UM	.PS.CL.TC	45 100	grev/green.wk	cl/tc.wk ps-msv.lo	c wk fol.1-2%	acs.tr	353.00 354.00	1.00	E440800 Y	0.0025			1.0			
		,,,		py,10cm qcv @	a) 354.2 & 355.2m	,	1	354.00 354.30	0.30	E440801 Y	0.005	40		0.1		l0cm qcv	
374.70 3	93.50 VM.F	IL.AMY.CL	100	grev/green-gre	en.wk-mod cl.wk	se in lower 1.5	m.wk	354.30 355.00	0.70	E440802 Y	0.035			0.1			
	· · · · · · · · · · · · · · · · · · ·			amygs,tr-1% q	cs,tr py,loc tr po,V	VR E440710 (0,380.7m	355.00 255.20	0.30	E440803 V	0.0025	40		0.1		10000 0000	
202.50 20	05.00 V		65 100	, , , , , , , , , , , , , , , , , , ,		C-1		333.00 333.30	0.50	2440803	0.0023	40		0.1		i ociii dev	
393.30 3	95.00 V	MI,M,SE	65 100	brown/grey,wk	c-mod se,mn ca,wk	croi,tr py		355.30 356.30	1.00	E440804 Y	0.0025			1.0			
395.00 3	99.80 VM	I,M,SE,GZ	65 100	grey/brown,wk	-mod se/ca,tr-wk	gz,wk fol,10%	wh-gy/wh	39 0.50 39 2.00	1.50	E440805 Y	0.0025			0.1			
				qcs < 6cm wid	e predom parallel	to fol,tr-1% py	,tr po,WR	392.00 393.50	150	E440807 Y	0.005		0.1	0.1			
				E449711@39	97m			552.00 555.50			0.005		0.1	0.1			
300 80 40	00.00	ΟV	45 100	annrox 13 cm r	nsv-wkly hr wh/a	OV wk ca m	a cl/to tr	393.50 395.00	1.50	E440808 Y	0.0025			0.1			
577.00	00.00	~ •	45 100	ny/no cutting f			10000,0	395.00 395.60	0.60	E440809 Y	0.0025		12	0.1	0.1		
				pj/po,outing i				395.60 396.30	0.70	E440810 Y	0.0025		1	0.1	1.0		
400.00 4	04.30 VM	I,M,SE,GZ	60 100	grey-grey/brov	vn,wk-mod se/gx/c	a,wk-mod fol,	12%			5.4.001 · · ·					0.1		
				gy/wh qcs < 60	cm wide, 1-2% py,t	r-1% po,loc tr	сру	390.30 397.00	0.70	E440811 Y	0.0025			U. I	0.1		
404.30 4	07.00 VM	I,M,SE,CA	60 100	grey/brown,wk	-mod se,wk ca,wk	-mod fol,tr qc	s,tr py/po	397.00 397.70	0.70	E440812 Y	0.0025		0.5	1	1.0		
				-				397.70 398.30	0.60	E440813 Y	0.015		13	1.0	0.1		

FROM	ŤŌ	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	и то	WIDTH	SAMPLE# (202	AU G/T	% QTZ	% QS	% Py	% Po	% Aspy Remarks
407.00	415.30	VM1,M,CL,SE		100	grey/green/brown,wk cl,loc tr-wk se,mn ca,slightly	398.30	399.00	0.70	E440814 -	Y	0.231		40	0.5	1	, ,
415.20	420.10	VMI M SE CI	55	100		397.00	399.00	0.60	E440013		0.342			0.5	0.1	
415.30	420.10	VMI,M,SE,CL	22	100	pil?,5% gy qcs,tr py,loc tr po/cpy	399.60 400 t0	400.10	0.50	E440816	Y	0.072	35	5 20 30	0.1	0.1	13cm QV
420.10	435.80	VMI,M,CL		100	grey/green,wk-mod cl,tr-wk se at margins,loc mn	400.70	401.30	0.60	E440818	Y	0.029		22	1	0.5	
					ca, slightly coarser grained, tr-1% qcs, tr py, loc tr po	401.30	402.00	0.70	E440819	Y	0.197		10	1	0.5	
435.80	435.90	QV	50	100	msv wh QV,wk ca,mn cl,tr py/po/cpy at cts	402.00	402.70	0.70	E440820	Y	0.067		15	1	2	1.00
435.90	456.50	VM1,M,CL		100	grey/green-green,wk-mod cl,loc coarser grained, 1% qcs,tr	402,70	403.50	0.80	E440821	Y	0.0025		T	1	0.5	
					E440712 @ 449m	403.50	404.30	0.80	E440822	Υ	0.0025			1	0.1	
456.50	456.90	ov	40	100	msv wh QV,wk ca,mn cl,tr tourm,tr py/po/cpy at lower ct	404.30	405. 3 0	1.00	E440823	Υ	0.0025		1	0.1	0.1	
456 90	466 60	VMI M CL		100	grev/green-green wk-mod cl mn ca tr-1% acs tr ny	405.30	406.80	1.50	E440824	Υ	0.013		0.1	0.1	0.1	
150.50	100.00		55	100		413.80	415.30	1.50	E440825	Υ	0.0025			0.1		
400.00	470.00	VMI,M,SE,CA	22	100	fol,6% qcs < 6cm wide predom parallel to fol,strgrs wh to	415.30	416.30	1.00	E440826	Υ	0.006		2	0.1	0.1	
					loc mn gy,tr-1% py,tr po	416.30	417.30	I .00	E440827	Υ	0.0025			0.1	0.1	
476.60	483.00	VM,PIL,AMY,SE,CA	55	100	brown/grey,mod se,wk ca,loc tr-wk gz,wk amygs,mod	417.30	418.30	1.00	E440828	Υ	0.0025		0.1	0.1		
					fol,4% qcs,tr-1% py,tr po	418.30	419.00	0.70	E440829	Υ	0.0025		1	01	0.1	
483.00	483.55	QV	55	100	bx wh/mn gy QV,wk ca,tr tourm,2% py,1% po,tr	419.00	419.50	0.50	E440831	Υ	0.108		20	4	0.1	7cm qcs
					cpy, parallel to fol	419.50	420.50	00.1	E440832	Υ	0.0025		2	0.1	0.1	
483.55	489.75	VM,PIL,AMY,SE,CA	40	100	grey/brown-grey,mod se,wk ca,loc tr-wk gz,wk amygs,wk- mod fol.4% acs.1% pv.tr po	420.50	422.00	1.50	E440833	Υ	0.0025		0.5	0.1		
489 75	490.60	OV	50	100	by wh/gy OV wk camp tourm 40% frags 1% py 1% po tr	433.20	434.70	1.50	E440834	Υ	0.0025		4	0.1		
102112	17 010 0	~ ·		100	cpy,parallel to fol	43 4.70	435.70	00.1	E440835	Υ	0.0025		2	0.1	0.1	
490.60	491.80	VM,PIL,GZ,SE	40	100	grey,wk-mod gz,tr-wk se,mn ca,wk fol,25% qcs/qcv <	4 3 5.70	436.00	0.30	E440836	Υ	0.0025	40)	0.1	0.1	10cm QV
					15cm wide parallel to fol,3% py,tr-1% po	4 3 6.00	437.00	1.00	E440837	Υ	0.0025		6	0.1	0.1	
491.80	492.40	QV	50	100	bx wh/mn gy QV,wk-mod ca,tr tourm,2% py,mn	437.00	438.00	1.00	E440838	Υ	0.0025		2	0.1		
					po,parallel to fol	454.80	455.80	1.00	E440839	Υ	0.0025		0.1	0.1		
492.40	493.30	VM,PIL,GZ,SE	40	100	grey/brown,wk gz/se,wk fol,17% qas,3% py,mn po,1 spk	455.80	456.45	0.65	£440840	Υ	0.0025		18	0.1		8cm qcs
	102.65				vg m 0.5gy des (2 492.5m	456.45	456.95	0.50	E440841	Y	0.0025	70)	0.1	0.1	QV
493.30	493.05	QV	45	100	msv-wkiy bx wb/mn gy Qv,wk ca/tourm,1-2% py,tr po.parallel to fol	456.95	457.95	1.00	E440842	Υ	0.0025		3	0.1		
493.65	497 60	VM OV PIL SE GZ	40	100	grev/brown-grev.wk-mod se tr-wk gz loc mp amygs wk	464.10	465.60	1.50	E440843	Υ	0.0025		4	0.1		
-75.05	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		100	fol,15% qv < 20cm wide,8% qcs,2% py,1% po	465.60	466.60	1.00	E440844	Υ	0.0025		0.5	0.1		

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	τo	WIDTH	SAMPLE #	QC?	AU G/T	GTZ.	%QS	% Py	% Po	% Aspy	Remarks
497.60	498.50	QV	30	100	approx 60cm bx wh/mn gy QV,wk-mod ca,mn se,tr	466.60	467.60	1.00	E440845	Y	0.0025		2	0.1	0.1		
					tourm,1% py,1% po,tr cpy,parallel to fol	467.60	468.60	1.00	E440846	Υ	0.0025		8	- 2 -	1		
498.50	499.20	VM,PIL,GZ,AK	40	100	grey-dk grey,mod gz,tr-wk ak,loc mn se,wk-mod fol,13%	468.60	469.60	1.00	E440847	Υ	0.016		15	0.5	0.1		
					qcs< 6cm wide parallel to foi,2% py,3% po	469.60	470.60	1.00	E440848	Υ	0.007		1	0.1	0.1		
499.20	499.60	QV	65	100	bx wh/mn gy QV,wk ca,2% py,1% po,approx parallel to fol	470.60	471.60	1.00	E440849	Y	0.0025		0.5	0. l	0.1		
400.60	502 70	VM DT GZAK	40	1.00	grey dk gery wk mod gz tr wk ak mp se wk mod fol 20%	471.60	472.60	1.00	E440850 -	Υ	0.0025		8	0.1	0.1		
499.00	502.70	VM,IE,OZ,AK	40	100	qcs < 8cm wide parallel to fol, 1% py,4% po	472.60	473.60	1.00	E440851	Y	0.006		12	0.1	0.1		
502.70	506.10	QV	45	100	bx wh/mn gy QV,wk ca,mn tourn,1% py,1% po,tr	473.60	474.60	1.00	E440852	Υ	0.0025		13	0.1	0.1		
					cpy,parallel to fol	474.60	475.60	1.00	E440853	Υ	0.0025		6	1	0.1		
506.10	516.30	VM,PIL,SE,AK	40	100	brown/grey,mod se,tr-wk ak,mn gz at margins,mod-str	475.60	476 .60	1.00	E440854	Y	0 .00 7		0.1	0.5	0.1		
					fol,8% qas,tr-1% py,1% po	476.60	477.60	1.00	E440856	Y	0.0025		10	0.1	0.1		
516.30	526.00	VM,QV,PIL,GZ	40	100	grey-DK grey,mod gz,mn ak,mod fol,15% QV < 50cm	477.60	478.60	1.00	E440857	Y	0.0025		5	0.1	0.1		
					wide parallel to fol, 15% qas, 1% py, 1-2% po, loc tr cpy,	478.60	479.60	1.00	E440858	Y	0.0025		6	0.1	0.1		
50 (00	627.00		45	0.5	W K E440715 @ 510.7m	479.60	481.10	1.50	E440859	Y	0.044		1	0.1	0.1		
526.00	537.00	UM,PS,TC,SE	45	95	grey/brown,wk-mod tc,tr-wk se,mn ak,mod tol,3%	481.10	482.10	1.00	E440860	Y	0.05		6	3	0.5		
537.00	560.00	LIM PS TC	50	05	dk grev-loc grev/green mod to loc mn of ek ns wk-mod	482.10	483.00	0.90	E440861	Y	0.029		4	3	0.5		
557.00	500.00	011,13,10	50))	fol,1-2% qcs,tr py	483.00	483.60	0.60	E440862	Y	0.009	80		2	1		
560.00	629.00	UM,PS,TC,SR	50	95	dk grey-loc grey/green,wk-mod tc,tr-wk sr,loc mn cl,wk	483.60	484.60	1.00	E440863	Y	0.169		4	0.1	0.1		
					ps-msv,loc sfx,loc wk fol,tr-1% qcs,tr py	484.60	485.60	1.00	E440864	Y	0.076		- T.	0.1	0.1		
629.00	695.00	UM,PS,SR,TC		95	dk grey-green-grey,wk-mod sr,tr-wk tc,wk ps-msv,mod-	485.60	486.60	1.00	E440865	Y	0.108		Ŧ	0.5	0.1		
					str magnetic,tr qcs/py,EOH.	486.60	487.70	1.10	E440866	Y	0.076		- U	30	0.1		
						48770	488.70	1.00	E440867	Y	0.282		3	2	0.5		
						488.70	489.70	1.00	E440868	Y	0.278		3	3	1		
						489.70	490.60	0.90	E440869	Y	0.344	85		2	1	QV	
						490.60	491.20	0.60	E440870	Y	1.46		20	1	1		
						491.20	491.80	0.60	E440872	Y	0.012	25	10	3	0.5	15c	mQV
						491.80	492.40	0.60	E440873	Y	0.037	80		7	0.5	QV	
						492.40	492.70	0.30	E440874	Y	0.032		22	5	0.5	0.50	rm qas,∨g
						492.70	493.30	0.60	E440875	Y	0.283		15	1	0.5		
						493.30	493.80	0.50	E440876	Y	0.009	50	12	2	0.5	20c	mQV
FROM	то	ROCK-TYPE	C.A.	RQD	REMARKS	FROM TO	WIDTH	SAMPLE # QC?	AU G/T	%QTZ %QS	%Ру	% Po	%Aspy Remarks				
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						493.80 494.30	0.50	E440877- Y	0.107	40	3	- 1 î	1 Scm QV				
						494.30 495.00	0.70	E440878 Y	0.229	10	3	0.5					
						495.00 495.70	0.70	E440879 Y	0.0025	12	3	0.1					
						495.70 496.30	0.60	E440880 Y	0.0025	45	1	●.1	2 x l0cm QV				
						496.30 496.90	0.60	E440881 G	0.006	25 18	2	3	1 Scin QV				
						496.90 497.50	0.60	E440882 G	0.031	13	2	6					
						497. 50 498 .50	1.00	E440883 G	810.0	90	2	1	QV				
						498 .50 499 .10	0.60	E440884 G	0.03	13	2	- 3					
						499.10 499.60	0.50	E440885 G	0.006	80	1	1	QV				
						499.60 500.40	0.80	E440886 G	0.026	13							
						500.40 501.20	0.80	E440887 G	0.165	13	1	5					
						501.20 502.00	0.80	E440888 G	0.015	15	0.5	3					
						502.00 502.70	0.70	E440889 - G	0.008	40	1	2					
						502.70 503.70	1.00	E440891 🗧 G	0.007	95	0.5	3	QV				
						503.70 504.40	0.70	E440892 G	0.006	100	1	3	QV				
						504.40 505.10	0.70	E440893 . G	0.018	100	- (H	- 3	QV				
						505.10 506.10	1.00	E440894 G	0.007	95	0.5	3	QV				
						506.10 506.90	0.80	E440895 G	0.084	15 T	0.5	3	10cm QV				
						506.90 507.70	0.80	E440896 G	0.009	1	0.1	2					
						507.70 508.50	0.80	E440897 G	0.011	15	3						
						508.50 509.50	1.00	E440898 G	0.057	17		- 2					
						509.50 510.50	1.00	E440899 G	0.027	5	1	4					
						510.50 511.50	1.00	E440900 - G	0.071	7	0.5	0.5					
						511.50 512.30	0.80	E440901 - Y	0.081	5	0.1	0.5					
						512.30 513.30	1.00	E440902 Y	1.04	,	0.1	0.1					
						513.30 514.30	1.00	E440903 Y	0.646	12	0.1	0.1					
						514.30 515.30	1.00	E440904 Y	0.073	13	0.1	0.1					
						515.30 516.30	1.00	E440905 Y	0.007	3	0.1	0.1					
						516.30 517.30	1.00	E440906 Y	0.751	2	1.0	0.1					
						517.30 518.30	1.00	E440907 Y	2.32	- 4	0.5	0.1					

SAMPLE # QC? AU G/T % QTZ % QS FROM то ROCK-TYPE C.A. RQD REMARKS FROM то WIDTH % Py %Po %Aspy Remarks 518.30 519.30 1.00 E440908-Υ 0.078 6 0.1 1 519.30 520.20 0.90 E440909, Y 0.727 . 0.5 2 520.20 521.00 0.80 E440910 Y 0.164 20 5 1 35 521.00 521.70 0.70 E440912 Y 0.138 2 2 521.70 522.40 0.70 90 50cm QV E440913 Υ 0.028 2 1 522.40 523.00 0.60 E440914 Y 4.04 25 15 2 2 15cm QV 60 13 2 523.00 524.00 00.1 E440915 Y 0.071 Э. $40 \text{cm} \, \text{QV}$ 30 3 2 524.00 525.00 1.00 E440916 Υ 0.049 525.00 526.00 1.00 E440917 Υ 0.006 ъ 0.5 0.1 526.00 527.00 10 0.1 1.00 E440918 Υ 0.026 ,00 7 0.1 527.00 528.00 1.00 E440919 0.012 Υ 528.00 529.50 1.50 E440920 Y 0.1 0.038 л

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QC Report

Sunday, December 03, 2006

QC code	Sample No	Au gpt	Original # / Grade	<u>QC</u> TYPE	Acquire Code
1019	E440806	1.53		STANDARD	STD ·
1012	E440830	2.58		STANDARD	STD ···
1011	E440855	3.23		STANDARD	STD
1010	E440871	2.54		STANDARD	STD
1018	E440890	3.30		STANDARD	STD
1010	E440911	2.52		STANDARD	STD

Foliation Table

87	From	To	Intensity	Angle to Core Axis
1	350	353	0	
	353	374.7	1	45
	374.7	393.5	0	
	393.5	400	1	65
	400	407	2	60
	407	415.3	0	
	415.3	420.1	I	55
	420.1	466.6	0	
	466.6	476.6	1	55
	476.6	483	2	55
	483	490.6	2	40
	490.6	498.5	1	40
	498.5	506.1	2	40
	506.1	516.3	3	40
	516.3	526	2	40
	526	537	2	45

E	ROM	то	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	то	WIDTH	SAMPLE #	QC?	AU G/T	%QTZ	%QS	% Py	% Po	% Aspy	Remarks
								537	56	0	2			50				
								560	62	9	ł			50				
								629	69	5	0							

1.14

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Appendix 2



Work Order: 089917

To: Porcupine Joint Venture

Attn: Colin Green P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No. : BM0065 Project No. : BM No. Of Samples 20 Date Submitted Jul 27, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Cores

Certified By : Stuart Lam **Operations Manager**

Date: Aug 24, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S. = Insufficient Sample = No result							
	*INF = Composition of this sample makes detection impossible by this method								
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted								
	Subject to Se	S General Terms and Conditions							
The data reported of	n this certificate of analysis represents the sample	submitted to SGS Minerals Services. Reproduction of this analytical report, in full or in							

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Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Final: 089917 Order: BM0065

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0065;E440721	<0.005	<0.005
BM0065;E440722	<0.005	N.A.
BM0065;E440723	<0.005	N.A.
BM0065;E440724	<0.005	N.A.
BM0065;E440725	<0.005	N.A.
BM0065;E440726	<0.005	N.A.
BM0065;E440727	1.44	N.A.
BM0065;E440728	<0.005	N.A.
BM0065;E440729	0.070	N.A.
BM0065;E440730	<0.005	N.A.
BM0065;E440731	<0.005	N.A.
BM0065;E440732	<0.005	N.A.
BM0065;E440733	<0.005	0.007
BM0065;E440734	<0.005	N.A.
BM0065;E440735	<0.005	N.A.
BM0065;E440736	<0.005	N.A.
BM0065;E440737	<0.005	N.A.
BM0065;E440738	<0.005	N.A.
BM0065;E440739	<0.005	N.A.
BM0065;E440740	0.014	N.A.
3 BM0065;E4407 21	<0.005	N.A.
up BM0065;E440733 عام ا	0.007	N.A.

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Work Order: SU00241

To: Porcupine Joint Venture

Attn: Colin Green P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No. BM0066 Project No. BM No. Of Samples 20 Date Submitted Jul 27, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Stuart Lam Operations Manager

Date: Aug 24, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	received I.S. = Insufficient Sample able = No result								
	*INF = Composition of this sample makes <i>M</i> after a result denotes ppb to ppm convers	*INF = Composition of this sample makes detection impossible by this method <i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion								
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted									
	Subject to SG	S General Terms and Conditions								
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nc. Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Final : SU00241 Order: BM0066

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0066;E440741	<0.005	<0.005
BM0066;E440742	<0.005	N.A.
BM0066;E440743	<0.005	N.A.
BM0066;E440744	0.007	N.A.
BM0066;E440745	<0.005	N.A.
BM0066;E440746	0.009	N.A.
BM0066;E440747	0.006	N.A.
BM0066;E440748	<0.005	N.A.
BM0066;E440749	2.70	N.A.
BM0066;E440750	<0.005	N.A.
BM0066;E440751	<0.005	N.A.
BM0066;E440752	0.029	N.A.
BM0066;E440753	0.006	0.009
BM0066;E440754	0.135	N.A.
BM0066;E440755	0.012	N.A.
BM0066;E440756	<0.005	N.A.
BM0066;E440757	<0.005	N.A.
BM0066;E440758	<0.005	N.A.
BM0066;E440759	<0.005	N.A.
BM0066;E440760	<0.005	N.A.
> BM0066;E440741	<0.005	N.A.
_ρ BM0066;E440753	0.009	N.A.

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SGS Canada Inc.

Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Work Order: SU00248

To: Porcupine Joint Venture

Attn: Colin Green P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. : BM0067 Project No. : BM No. Of Samples 20 Date Submitted Jun 27, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 C.Pulp

Certified By :

Stuart Lam **Operations Manager**

Date: Aug 24, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S.	= Insufficient Sample = No result						
	*INF = Composition of this sample makes detection impossible by this method								
	M after a result denotes ppb to ppm conversio	n, % denotes ppm	to % conversion						
	Methods marked with an asterisk (e.g. *NAA08	V) were subcontrac	sted						
	Subject to SGS	General Terms and	Conditions						
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Final: SU00248 Ord	er: BM	0067
Element Method Det.Lim. Units	Au FAA313 0.005 G/T	Au D FAA313 0.005 G/T
BM0067;E440761	<0.005	<0.005
- BM0067;E440762	0.006	N.A.
BM0067;E440763	0.018	N.A.
BM0067;E440764	0.093	N.A.
BM0067;E440765	0.086	N.A.
BM0067;E440766	0.031	N.A.
BM0067;E440767	2.40	N.A.
BM0067;E440768	0.054	N.A.
BM0067;E440769	0.125	N.A.
BM0067;E440770	0.087	N.A.
BM0067;E440771	0.027	N.A.
BM0067;E440772	0.014	N.A.
- BM0067;E440773	<0.005	<0.005
BM0067;E440774	0.008	I.S.
BM0067;E440775	0.402	I.S.
BM0067;E440776	<0.005	I.S.
BM0067;E440777	<0.005	I.S.
BM0067;E440778	0.012	I.S.
BM0067;E440779	0.006	I.S.
BM0067;E440780	0.056	I.S.
BM0067;E440761	<0.005	I.S.
ρ BM0067;E440773	<0.005	I.S.

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Work Order: SU00249

To: Porcupine Joint Venture

Attn: Colin Green P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. : BM0068 Project No. : BM No. Of Samples 20 Date Submitted Jun 27, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 C.Pulp

Certified By : tuart Lam Operations Manager

Date: Aug 24, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	1.S.	= Insufficient Sample = No result							
	*INF = Composition of this sample makes de <i>M</i> after a result denotes ppb to ppm conversion	*INF = Composition of this sample makes detection impossible by this method <i>M</i> after a result denotes pph to ppm conversion. % denotes ppm to % conversion								
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted									
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Final : SU00249 Order: BM0068

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0068;E440781	<0.005	0.007
BM0068;E440782	<0.005	N.A.
BM0068;E440783	<0.005	N.A.
BM0068;E440784	<0.005	N.A.
BM0068;E440785	<0.005	N.A.
BM0068;E440786	<0.005	N.A.
BM0068;E440787	<0.005	N.A.
BM0068;E440788	<0.005	N.A.
BM0068;E440789	0.008	N.A.
BM0068;E440790	<0.005	N.A.
BM0068;E440791	<0.005	N.A.
BM0068;E440792	<0.005	N.A.
- BM0068;E440793	0.009	<0.005
BM0068;E440794	<0.005	N.A.
BM0068;E440795	2.64	N.A.
BM0068;E440796	<0.005	N.A.
BM0068;E440797	<0.005	N.A.
BM0068;E440798	0.011	N.A.
BM0068;E440799	0.017	N.A.
BM0068;E440800	<0.005	N.A.
BM0068;E440781	0.007	N.A.
p BM0068;E440793	<0.005	N.A.

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Work Order: SU00307

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. : BM0069 Project No. : BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam **Operations Manager**

Date: Aug 31, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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	*INF = Composition of this sample makes detection impossible by this method			
	<i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion			
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted			
	Subject to SGS General Terms and Conditions			

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Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Final : SU00307 Order: BM0069

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/TJ
BM0069;E440801	0.005	<0.005
BM0069;E440802	0.035	N.A.
BM0069;E440803	<0.005	N.A.
BM0069;E440804	<0.005	N.A.
BM0069;E440805	<0.005	N.A.
BM0069;E440806	1.53	N.A.
BM0069;E440807	0.005	N.A.
BM0069;E440808	<0.005	N.A.
BM0069;E440809	<0.005	N.A.
BM0069;E440810	<0.005	N.A.
BM0069;E440811	<0.005	N.A.
BM0069;E440812	<0.005	N.A.
BM0069;E440813	0.015	0.013
BM0069;E440814	0.231	N.A.
BM0069;E440815	0.342	N.A.
BM0069;E440816	0.072	N.A.
BM0069;E440817	1.48	N.A.
BM0069;E440818	0.029	N.A.
BM0069;E440819	0.197	N.A.
BM0069;E440820	0.067	N.A.
> BM0069;E440801	<0.005	N.A.
-up BM0069;E440813	0.013	N.A.

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Work Order: SU00308

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. BM0070 Project No. BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam Operations Manager

Date:

Sep 11, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report	Footer:
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*INF = Composition of this sample makes detection impossible by this method *M* after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Subject to SGS General Terms and Conditions

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Final : SU00308 Order: BM0070

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	GЛ	<u></u> G/Л
BM0070;E440821	<0.005	0.007
- BM0070;E440822	<0.005	N.A.
BM0070;E440823	<0.005	N.A.
BM0070;E440824	0.013	N.A.
BM0070;E440825	<0.005	N.A.
BM0070;E440826	0.006	N.A.
BM0070;E440827	<0.005	N.A.
BM0070;E440828	<0.005	N.A.
- BM0070;E440829	<0.005	N.A.
BM0070;E440830	2.58	N.A.
BM0070;E440831	0.108	N.A.
BM0070;E440832	<0.005	N.A.
- BM0070;E440833	<0.005	<0.005
BM0070;E440834	<0.005	N.A.
BM0070;E440835	<0.005	N.A.
BM0070;E440836	<0.005	N.A.
BM0070;E440837	<0.005	N.A.
BM0070;E440838	<0.005	N.A.
BM0070;E440839	<0.005	N.A.
BM0070;E440840	<0.005	N.A.
BM0070;E440821	0.007	N.A.
с р ВМ0070;E440833	<0.005	N.A.

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Work Order: SU00309

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. BM0071 Project No. BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam erations Manager

Date: Aug 31, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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	*INF = Composition of this sample makes detection impossible by this method <i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion				
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted				
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Final : SU00309 Order: BM0071

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Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/1	G/ П
BM0071;E440841	<0.005	<0.005
BM0071;E440842	<0.005	N.A.
BM0071;E440843	<0.005	N.A.
BM0071;E440844	<0.005	N.A.
BM0071;E440845	<0.005	N.A.
BM0071;E440846	<0.005	N.A.
BM0071;E440847	0.016	N.A.
BM0071;E440848	0.007	N.A.
BM0071;E440849	<0.005	N.A.
BM0071;E440850	<0.005	N.A.
BM0071;E440851	0.006	N.A.
BM0071;E440852	<0.005	N.A.
BM0071;E440853	<0.005	<0.005
BM0071;E440854	0.007	N.A.
BM0071;E440855	3.23	N.A.
BM0071;E440856	<0.005	N.A.
BM0071;E440857	<0.005	N.A.
BM0071;E440858	<0.005	N.A.
BM0071;E440859	0.044	N.A .
BM0071;E440860	0.050	N.A.
> BM0071;E440841	<0.005	N.A.
up BM0071;E440853	<0.005	N.A .
	And the second se	and the second

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www.sgs.ca



Work Order: SU00310

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. BM0072 Project No. BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Stuart Lam Operations Manager

Date: Sep 11, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S. = Insufficient Sample = No result	
	*INF = Composition of this sample makes detection impossible by this method <i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion Methods marked with an asterisk (e.g. *NAA08V) were subcontracted		
	Subject to SGS General Terms and Conditions		
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Final: SU00310 Ord	er: BM	0072
Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	GЛ
BM0072;E440861	0.029	0.040
BM0072;E440862	0.009	N.A.
BM0072;E440863	0.169	N.A.
BM0072;E440864	0.076	N.A.
BM0072;E440865	0.108	N.A.
BM0072;E440866	0.076	N.A.
BM0072;E440867	0.282	N.A.
BM0072;E440868	0.278	N.A.
BM0072;E440869	0.344	N.A.
BM0072;E440870	1.46	N.A.
BM0072;E440871	2.54	N.A.
BM0072;E440872	0.012	N.A.
BM0072;E440873	0.037	0.048
BM0072;E440874	0.032	N.A.
BM0072;E440875	0.283	N.A.
BM0072;E440876	0.009	N.A.
BM0072;E440877	0.107	N.A.
BM0072;E440878	0.229	N.A.
BM0072;E440879	<0.005	N.A.
BM0072;E440880	<0.005	N.A.
> BM0072;E440861	0.040	N.A.
Dup BM0072;E440873	0.048	N.A.

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Work Order: SU00311

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. : BM0073 Project No. : BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stylart Lam Operations Manager

Date: Aug 31, 2006

ISO 9002 REGISTERED V ISO 17025 Accredited for Specific Tests. SCC No. 456

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*INF = Composition of this sample makes d	etection impossible	by this method
<i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion		
Methods marked with an asterisk (e.g. *NAA08V) were subcontracted		
Subject to SGS	General Terms and	Conditions
	L.N.R. = Listed not received n.a. = Not applicable *INF = Composition of this sample makes d <i>M</i> after a result denotes ppb to ppm conversion Methods marked with an asterisk (e.g. *NAA08 Subject to SGS	L.N.R. = Listed not received I.S. n.a. = Not applicable

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Final : SU00311 Order: BM0073

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Uni ts	G/T	G/T
BM0073;E440881	0.006	0.007
BM0073;E440882	0.031	N.A.
BM0073;E440883	0.018	N.A.
BM0073;E440884	0.030	N.A.
BM0073;E440885	0.006	N.A.
BM0073;E440886	0.026	N.A.
BM0073;E440887	0.165	N.A.
BM0073;E440888	0.015	N.A.
BM0073;E440889	0.008	N.A.
BM0073;E440890	3.30	N.A.
BM0073;E440891	0.007	N.A.
BM0073;E440892	0.006	N.A.
BM0073;E440893	0.018	0.028
BM0073;E440894	0.007	N.A.
BM0073;E440895	0.084	N.A.
BM0073;E440896	0.009	N.A.
BM0073;E440897	0.011	N.A.
BM0073;E440898	0.057	N.A.
BM0073;E440899	0.027	N.A,
BM0073;E440900	0.071	N.A.
p BM0073;E440881	0.007	N.A.
up BM0073;E440893	0.028	N.A.

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Work Order: SU00312

Date: Sep 11, 2006

To: Porcupine Joint Venture Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

> P.O. No. : BM0074 Project No. : BM No. Of Samples 20 Date Submitted Aug 08, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Stuart Lam Operations Manager

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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	*INF = Composition of this sample makes detection impossible by this method				
	M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion				
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted				
	Subject to SGS General Terms and Conditions				
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Final : SU00312 Order: BM0074

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/П	G/IJ
BM0074;E440901	0.081	0.078
BM0074;E440902	1.04	N.A.
BM0074;E440903	0.646	N.A.
BM0074;E440904	0.073	N.A.
BM0074;E440905	0.007	N.A.
BM0074;E440906	0.751	N.A.
BM0074;E440907	2.32	N.A.
BM0074;E440908	0.078	N.A.
BM0074;E440909	0.727	N.A.
BM0074;E440910	0.164	N.A.
BM0074;E440911	2.52	N.A.
BM0074;E440912	0.138	N.A.
BM0074;E440913	0.028	0.034
BM0074;E440914	4.04	N.A.
BM0074;E440915	0.071	N.A.
BM0074;E440916	0.049	N.A.
BM0074;E440917	0.006	N.A.
BM0074;E440918	0.026	N.A.
BM0074;E440919	0.012	N.A.
PM0074;E440920	0.038	N.A.
) BM0074;E440901	0.078	N.A.
*Dup BM0074;E440913	0.034	N.A.

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Work Order: SU00375

Date: Sep 11, 2006

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No.	BM0075
Project No.	BM
No. Of Samples	20
Date Submitted	Aug 24, 2006
Report Comprises	Pages 1 to 2
	(Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Strart Lam **Operations Manager**

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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	*INF = Composition of this sample makes M after a result denotes ppb to ppm convers	detection impossible by this method sion, % denotes ppm to % conversion		
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted			
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Final : SU00375 Order: BM0075

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Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0075;E440921	<0.005	<0.005
BM0075;E440922	<0.005	N.A.
BM0075;E440923	<0.005	N.A.
BM0075;E440924	<0.005	N.A .
BM0075;E440925	<0.005	N.A.
BM0075;E440926	0.011	N.A.
BM0075;E440927	2.35	N.A.
BM0075;E440928	<0.005	N.A.
BM0075;E440929	<0.005	N.A.
BM0075;E440930	<0.005	N.A.
BM0075;E440931	<0.005	N.A.
BM0075;E440932	<0.005	N.A.
BM0075;E440933	<0.005	<0.005
BM0075;E440934	<0.005	N.A.
BM0075;E440935	<0.005	N.A.
BM0075;E440936	<0.005	N.A.
BM0075;E440937	<0.005	N.A.
BM0075;E440938	0.007	N.A.
BM0075;E440939	0.209	N.A.
BM0075;E440940	0.037	N.A.
> BM0075;E440921	<0.005	N.A.
_up BM0075;E440933	<0.005	N.A.
and a second s		Contraction of the second s

The data reported on this certificate of analysis represents the sample submitted to SGS Minerals Services. Reproduction of this analytical report, in full or in part, is prohibited without prior written approval.

SGS Canada Inc.

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Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Work Order: SU00372

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. BM0076 Project No. BM No. Of Samples 20 Date Submitted Aug 24, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Stuart Lam Operations/Manager

Date: Sep 11, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

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Report Footer:	L.N.R. = Listed not received	I.S.	= Insufficient Sample		
	*INF = Composition of this sample makes detection impossible by this method				
	M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion				
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted				
	Subject to SGS	General Terms and	I Conditions		
The date reported as	a this contificate of each sis reasonable the complexity	hanithand to CCC Min	and Convises Desceduction of this application reserve in full	i-	

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Final : SU00372 Order: BM0076

	source and the second sec	antes and a second s
Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0076;E440941	0.517	0.463
BM0076;E440942	0.020	N.A.
BM0076;E440943	0.685	N.A.
BM0076;E440944	0.048	N.A.
BM0076;E440945	0.062	N.A.
BM0076;E440946	0.276	N.A.
BM0076;E440947	1.23	N.A.
BM0076;E440948	2.49	N.A.
BM0076;E440949	0.027	N.A.
BM0076;E440950	0.007	N.A.
BM0076;E440951	0.071	N.A.
BM0076;E440952	0.015	N.A.
BM0076;E440953	0.007	0.008
BM0076;E440954	0.006	N.A.
BM0076;E440955	0.007	N.A.
BM0076;E440956	0.010	N.A.
BM0076;E440957	0.007	N.A.
BM0076;E440958	0.007	N.A.
BM0076;E440959	<0.005	N.A.
BM0076;E440960	<0.005	N.A.
ວ BM0076;E440941	0.463	N.A.
Dup BM0076;E440953	0.008	N.A.

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Work Order: SU00373

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No.	BM0077
Project No.	BM
No. Of Samples	20
Date Submitted	Aug 24, 2006
Report Comprises	Pages 1 to 2
	(Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By : Stuart Lam Operations Manager

Date: Sep 22, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S.	= Insufficient Sample = No result	
	*INF = Composition of this sample make M after a result denotes ppb to ppm conve	s detection impossible rsion, % denotes ppm	by this method to % conversion	
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted			
	Subject to Se	GS General Terms and	Conditions	
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SGS

Final : SU00373 Order: BM0077

	a third and a second	CONTRACTOR OF STREET, STRE		
Element	Au	Au D	Au grav	Au gravD
Method	FAA313	FAA313	FAG303	FAG303
Det.Lim.	0.005	0.005	0.03	0.03
Units	G/1	G/T	G/1	G/1
BM0077;E440961	<0.005	<0.005	N.A.	N.A.
BM0077;E440962	0.009	N.A.	N.A.	N.A.
BM0077;E440963	<0.005	N.A.	N.A.	N.A.
BM0077;E440964	<0.005	N.A.	N.A.	N.A.
BM0077;E440965	<0.005	N.A.	N.A.	N.A.
BM0077;E440966	0.128	N.A.	N.A.	N.A.
BM0077;E440967	<0.005	N.A.	N.A.	N.A.
BM0077;E440968	0.029	N.A.	N.A.	N.A.
BM0077;E440969	0.011	N.A.	N.A.	N.A.
BM0077;E440970	1.51	N.A.	N.A.	N.A.
BM0077;E440971	0.007	N.A.	N.A.	N.A.
BM0077;E440972	<0.005	N.A.	N.A.	N.A.
BM0077;E440973	<0.005	<0.005	N.A.	N.A.
BM0077;E440974	<0.005	N.A.	N.A.	N.A.
BM0077;E440975	<0.005	N.A.	N.A.	N.A.
BM0077;E440976	<0.005	N.A.	N.A.	N.A.
BM0077;E440977	>10	N.A.	26.2	29.3
BM0077;E440978	0.018	N.A.	N.A.	N.A.
BM0077;E440979	<0.005	N.A.	N.A.	N.A.
BM0077;E440980	0.017	N.A.	N.A.	N.A.
) BM0077;E440961	<0.005	N.A.	N.A.	N.A
Dup BM0077;E440973	< 0.005	N.A.	N.A.	N.A.

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Work Order: SU00500

Date: Oct 31, 2006

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To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No.	BM0077
Project No.	BM
No. Of Samples	1
Date Submitted	Oct 06, 2006
Report Comprises	Pages 1 to 2
	(Inclusive of Cover Sheet)

Distribution of unused material:

1 Pulps

Certified By : Stuart Lam

Operations Manager

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer	INR = Listed not received		= Insufficient Sample	
	n.a. = Not applicable		= No result	
	*INF = Composition of this sample makes	s detection impossible	by this method	
	M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion			
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted			
	Subject to SG	S General Terms and	d Conditions	
une data reported or part, is prohibited wi	n this certificate of analysis represents the sample ithout prior written approval.	submitted to SGS Min	nerals Services. Reproduction of this analytical report, in full or in	

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Final : SU00500 Order: BM0077

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0077;E440977	4.17	
*Dup BM0077;E440977	N.A.	

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Work Order: SU00374

Date: Sep 29, 2006

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No.	BM0078
Project No.	BM
No. Of Samples	20
Date Submitted	Aug 24, 2006
Report Comprises	Pages 1 to 2
· ·	(Inclusive of Cover Sheet)

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Distribution of unused material:

20 Pulps

Certified By :

wart Lam **Operations Manager**

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	1.S.	= Insufficient Sample = No result		
	*INF = Composition of this sample makes detection impossible by this method				
	<i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion				
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted				
	Subject to SGS General Terms and Conditions				
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Final: SU00374 Order: BM0078

	Additional to a variable information of the second s	and a second		
Element	Au	Au D	Au grav	Au gravD
Method	FAA313	FAA313	FAG303	FAG303
Det.Lim.	0.005	0.005	0.03	0.03
Units	G/T	G/T	G/T	G/T
BM0078;E440981	<0.005	<0.005	N.A.	N.A.
BM0078;E440982	0.011	N.A.	N.A.	N.A.
BM0078;E440983	0.011	N.A.	N.A.	N.A.
BM0078;E440984	0.333	N.A.	N.A.	N.A.
BM0078;E440985	2.39	N.A.	N.A.	N.A.
BM0078;E440986	>10	N.A.	16.4	16.7
BM0078;E440987	>10	N.A.	28.6	28.7
BM0078;E440988	0.388	N.A.	N.A.	N.A.
BM0078;E440989	0.113	N.A.	N.A.	N.A.
BM0078;E440990	0.025	N.A.	N.A.	N.A.
BM0078;E440991	<0.005	N.A.	N.A.	N.A.
BM0078;E440992	<0.005	N.A.	N.A.	N.A.
BM0078;E440993	< 0.005	<0.005	N.A.	N.A.
BM0078;E440994	<0.005	N.A.	N.A.	N.A.
BM0078;E440995	<0.005	N.A.	N.A.	N.A.
BM0078;E440996	0.083	N.A.	N.A.	N.A.
BM0078;E440997	< 0.005	N.A.	N.A.	N.A.
BM0078;E440998	<0.005	N.A.	N.A.	N.A.
BM0078;E440999	0.008	N.A.	N.A.	N.A.
BM0078;E441000	<0.005	N.A.	N.A.	N.A.
p BM0078;E440981	<0.005	N.A.	N.A.	N.A.
רטע p BM 0078;E440993	< 0.005	N.A.	N.A.	N.A.

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Work Order: SU00403

Date: Sep 29, 2006

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No.	BM0079
Project No.	BM
No. Of Samples	20
Date Submitted	Aug 31, 2006
Report Comprises	Pages 1 to 2
	(Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam **Operations Manager**

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S.	= Insufficient Sample = No result		
	*INF = Composition of this sample makes detection impossible by this method				
	M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion				
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted				
	Subject to SGS General Terms and Conditions				
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Final : SU00403 Order: BM0079 Γ Au D Au Element

Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0079;E441001	<0.005	<0.005
BM0079;E441002	<0.005	N.A.
BM0079;E441003	<0.005	N.A.
BM0079;E441004	<0.005	N.A.
- BM0079;E441005	<0.005	N.A.
BM0079;E441006	<0.005	N.A.
BM0079;E441007	0.007	N.A.
BM0079;E441008	0.006	N.A.
BM0079;E441009	0.148	N.A.
BM0079;E441010	2.57	N.A.
BM0079;E441011	0.048	N.A.
BM0079;E441012	1.14	N.A.
BM0079;E441013	0.076	0.061
BM0079;E441014	<0.005	N.A.
BM0079;E441015	<0.005	N.A.
BM0079;E441016	<0.005	N.A.
BM0079;E441017	<0.005	N.A.
BM0079;E441018	0.016	N.A.
BM0079;E441019	0.470	N.A.
M0079;E441020	0.009	N.A.
p BM0079;E441001	<0.005	N.A.
*Dup BM0079;E441013	0.061	N.A.

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Work Order: SU00402

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON PON 1H0

P.O. No. BM0080 Project No. BM No. Of Samples 20 Date Submitted Aug 31, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam Øperations Manager

Date: Sep 22, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S. = Insufficient Sample = No result nakes detection impossible by this method nversion, % denotes ppm to % conversion (NAA08V) were subcontracted to SGS General Terms and Conditions	≂ Insufficient Sample = No result					
	*INF = Composition of this sample makes dete M after a result denotes ppb to ppm conversion, %	ction impossible % denotes ppm f	by this method to % conversion					
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted							
	Subject to SGS Ge	neral Terms and	Conditions					
The data reported on	this certificate of analysis represents the sample subm	itted to SGS Mir	nerals Services. Reproduction of this analytical report, in full or in					

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Final : SU00402 Order: BM0080

Element	Au	Au D
	FAA313	0.005
Det.Lim.	0.003 СЛ	с.005 СЛ
	-0.005	0,10
BM0080;E441021	<0.005	0.006
BM0080;E441022	<0.005	N.A.
BM0080;E441023	0.062	N.A.
BM0080;E441024	<0.005	N.A.
BM0080;E441025	<0.005	N.A.
BM0080;E441026	<0.005	N.A.
BM0080;E441027	<0.005	N.A.
BM0080;E441028	<0.005	N.A.
BM0080;E441029	<0.005	N.A.
BM0080;E441030	<0.005	N.A.
BM0080;E441031	0.018	N.A.
BM0080;E441032	0.008	N.A.
BM0080;E441033	<0.005	<0.005
BM0080;E441034	0.006	N.A.
BM0080;E441035	0.009	N.A.
BM0080;E441036	<0.005	N.A.
BM0080;E441037	0.903	N.A.
BM0080;E441038	0.009	N.A.
BM0080;E441039	<0.005	N.A.
BM0080;E441040	0.012	N.A.
o BM0080 E441021	0.006	N.A.
Jup BM0080;E441033	<0.005	N.A.

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Work Order: SU00404

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No. BM0081 Project No. BM No. Of Samples 20 Date Submitted Aug 31, 2006 Report Comprises Pages 1 to 2 (Inclusive of Cover Sheet)

Distribution of unused material:

20 Pulps

Certified By :

Stuart Lam Operations Manager

Date: Sep 29, 2006

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R. = Listed not received I. n.a. = Not applicable	Insufficient Sample No result						
-	*INF = Composition of this sample makes detection impose	this method						
	<i>M</i> after a result denotes ppb to ppm conversion, % denotes ppm to % conversion							
	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted							
	Subject to SGS General Terms	onditions						

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Final: SU00404 Order: BM0081

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0081;E441041	0.006	<0.005
BM0081;E441042	0.006	N.A.
BM0081;E441043	0.006	N.A.
BM0081;E441044	<0.005	N.A.
BM0081;E441045	<0.005	N.A.
BM0081;E441046	<0.005	N.A.
BM0081;E441047	<0.005	N.A.
BM0081;E441048	<0.005	N.A.
BM0081;E441049	0.019	N.A.
BM0081;E441050	0.012	N.A.
BM0081;E441051	0.040	N.A.
BM0081;E441052	2.54	N.A.
BM0081;E441053	0.039	0.047
BM0081;E441054	0.018	N.A.
BM0081;E441055	1.26	N.A.
BM0081;E441056	0.122	N.A.
BM0081;E441057	<0.005	N.A.
BM0081;E441058	0.046	N.A.
BM0081;E441059	0.274	N.A.
BM0081;E441060	0.008	N.A.
) BM0081;E441041	<0.005	N.A.
יטע BM0081;E441053	0.047	N.A.

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Work Order: SU00405

Date: Sep 22, 2006

To: Porcupine Joint Venture

Attn: Cliff David P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No.	BM0082
Project No.	BM
No. Of Samples	13
Date Submitted	Aug 31, 2006
Report Comprises	Pages 1 to 2
	(Inclusive of Cover Sheet)

Distribution of unused material:

13 Pulps

Certified By :

Stuart Lam Operations Manager

ISO 9002 REGISTERED ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:	L.N.R.	= Listed not received
	n.a.	= Not applicable

I.S. = Insufficient Sample -- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Subject to SGS General Terms and Conditions

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SGS Canada Inc.

Mineral Services 1885 Leslie Street Toronto ON M3B 2M3 t(416) 445-5755 f(416) 445-4152 www.sgs.ca



Final : SU00405 Order: BM0082

Element	Au	Au D
Method	FAA313	FAA313
Det.Lim.	0.005	0.005
Units	G/T	G/T
BM0082;E441061	0.007	0.009
BM0082;E441062	0.169	N.A.
BM0082;E441063	0.017	N.A.
BM0082;E441064	0.006	N.A.
BM0082;E441065	0.006	N.A.
BM0082;E441066	3.34	N.A.
BM0082;E441067	0.022	N.A.
BM0082;E441068	<0.005	N.A.
BM0082;E441069	< 0.005	N.A.
BM0082;E441070	<0.005	N.A.
BM0082;E441071	0.086	N.A.
BM0082;E441072	0.018	N.A.
BM0082;E441073	0.049	0.037
*Dup BM0082;E441061	0.009	N.A.
*Dup BM0082;E441073	0.037	N.A.

The data reported on this certificate of analysis represents the sample submitted to SGS Minerals Services. Reproduction of this analytical report, in full or in part, is prohibited without prior written approval.

SGS Canada Inc.

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Appendix 3



Work Order: 090459

Date: Oct 31, 2006

To: Porcupine Joint Venture

Attn: Dave Gliddon P.O. Box 70 1 Main Gold Mine Road SOUTH PORCUPINE ON P0N 1H0

P.O. No.	WA9G00046
Project No.	BM
No. Of Samples	16
Date Submitted	Sep 01, 2006
Report Comprises	Pages 1 to 7
	(Inclusive of Cover Sheet)

RECEIVED NOV - 9 2006

Distribution of unused material:

16 Cores Comments:

The detection limit for Cs was increased to 5 ppm due to the inconsistency of its concentration levels in the reagents used.

Certified By :

Stuart Lam

Operations Manager

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Report Footer:	L.N.R. = Listed not received n.a. = Not applicable	I.S. 	≃ Insufficient Sample = No result							
	e by this method to % conversion									
	Methods marked with an asterisk (e.g. *NAA0	Methods marked with an asterisk (e.g. *NAA08V) were subcontracted								
	Subject to SGS	General Terms and	d Conditions							
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	i									

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Element	Al	Ba	Ca	Cr	Cu	Fe	K	Li	Mg	Mn
Method	ICM40B									
Det.Lim.	0.01	5	0.01	1	0.5	0.01	0.01	1	0.01	5
Units	%	PPM	%	PPM	PPM	%	%	PPM	%	PPM
E415307	7.49	691	6.16	54	85.0	7.41	0.92	50	3.37	1640
E415308	7.38	204	4.94	105	96.6	8.16	1.32	26	3.67	1360
E415309	7.99	150	5.34	79	128	8.65	0.80	16	3.96	1530
E415310	8.15	338	4.93	79	11.8	8.39	1.85	29	3.95	1630
E440709	2.89	<5	2.99	1570	68.9	6.67	0.01	5	14.2	1070
E440710	7.13	20	5.48	156	89.8	6.74	0.05	12	3.57	1730
E440711	7.50	256	5.38	155	87.2	7.49	1.03	37	3.87	1150
E440712	7.83	42	5.12	142	98.0	7.76	0.53	10	4.01	1280
E440713	7.90	65	2.48	79	89.4	5.51	0.34	16	2.81	1230
E440714	7.94	22	4.82	142	99.1	6.23	0.06	15	3.49	1630
E440715	7.53	102	6.73	120	100.0	6.54	1.11	34	3.24	1710
E440716	7.45	116	4.95	150	95.0	7.56	0.75	31	3.87	1360
E440717	7.81	13	5.63	158	98.1	7.42	0.04	24	3.82	1440
E440718	7.99	25	6.56	157	97.4	6.27	0.06	15	3.94	1480
E440719	7.88	445	5.50	159	123	7.68	1.46	18	4.67	1390
E440720	7.68	118	4.65	137	109	7.38	0.13	13	3.76	1670
*Dup E415307	7.20	655	5.81	61	87.2	7.05	0.87	48	3.23	1580
*Dup E440717	7.41	12	5.31	159	99.2	7.05	0.03	23	3.67	1330

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Element	Na	Ni	P	S	Sr	Ti	V	Zn	Zr	Ag
Method	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B	ICM40B
Det.Lim.	0.01	0.5	50	0.01	0.5	0.01	1	1	0.5	0.02
Units	%	PPM	PPM	%	PPM	%	PPM	PPM	PPM	PPM
E415307	1.05	64.6	200	0.34	196	0.06	268	76	8.6	0.10
E415308	0.45	59.6	170	0.09	24,8	0.31	265	77	20.7	0.10
E415309	1.48	64.7	190	0.06	93.3	0.37	303	69	25.0	0.13
E415310	0.22	61.5	200	0.03	32.1	0.36	291	66	27.4	0.08
E440709	0.02	1250	60	0.03	32.4	0.20	121	56	2.8	0.30
E440710	3.35	178	260	0.09	64.4	0.50	291	80	12.5	0.15
E440711	1.05	87.0	270	0.21	49.2	0.08	301	77	17.5	0.18
E440712	3.31	86.2	260	0.10	77.0	0.55	290	80	16.3	0.12
E440713	4.27	176	190	0.03	33.2	0.05	252	61	15.5	0.10
E440714	4.55	159	270	0.04	43.5	0.54	314	80	11.2	0.18
E440715	1.62	98.4	260	0.06	48.5	0.53	305	79	17.3	0.12
E440716	1.50	100	270	0.17	51.8	0.07	297	93	21.1	0.11
E440717	2.80	92.6	250	0.15	74.4	0.53	312	68	18.1	0.15
E440718	2.73	125	310	0.05	87.9	0.58	332	85	16.6	0.52
E440719	1.67	92.1	260	0.06	61.6	0.54	303	62	28.9	0.12
E440720	3.53	160	290	0.08	56.0	0.58	335	79	11.5	0.19
*Dup E415307	1.02	64.0	180	0.31	192	0.05	250	70	8.1	0.11
*Dup E440717	2.65	90.9	250	0.16	71.1	0.50	305	65	21.0	0.10

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Element	As	Be	Bi	Cd	Ce	Co	Cs	Ga	Ge	Hf
Method	ICM40B									
Det.Lim.	1	0.1	0.04	0.02	0.05	0.1	5	0.1	0.1	0.02
Units	PPM									
E415307	16	0.2	<0.04	0.10	6.63	42.3	<5	11.1	0.1	0.29
E415308	23	0.3	<0.04	0.17	5.34	42.5	<5	11.1	0.2	0.71
E415309	7	0.3	<0.04	0.09	6.07	49.2	<5	12.5	0.6	0.82
E415310	15	0.3	<0.04	0.04	6.24	40.2	<5	12.3	0.4	0.76
E440709	<1	<0.1	<0.04	0.04	1.56	92.5	<5	6.2	0.5	0.08
E440710	<1	<0.1	<0.04	0.18	7.26	44.7	<5	12.4	0.3	0.53
E440711	25	0.4	<0.04	0.12	5.94	37.5	<5	14.9	0:1	0.44
E440712	<1	0.2	<0.04	0.19	7.70	38.4	<5	14.2	0.2	0.78
E440713	48	0.2	<0.04	0.02	4.89	44.0	<5	11.5	0.1	0.45
E440714	1	0.3	<0.04	0.14	7.20	43.4	<5	14.3	0.3	0.52
E440715	8	0.3	<0.04	0.15	7.17	38.3	<5	14.5	0.6	0.52
E440716	37	0.5	<0.04	0.17	7.14	41.3	<5	14.0	<0.1	0.57
E440717	2	0.3	<0.04	0.10	7.53	39.3	<5	15.0	0.2	0.73
E440718	<1	0.2	<0.04	0.17	8.70	44.6	<5	17.0	0.6	0.74
E440719	<1	0.3	<0.04	0.07	8.40	41.2	<5	16.2	0.6	0.97
E440720	<1	0.1	<0.04	0.12	8.10	51.9	<5	14.8	0.4	0.62
*Dup E415307	16	0.2	<0.04	0.08	6.88	42.6	<5	11.6	0.1	0.25
*Dup E440717	1	0.3	<0.04	0.08	7.16	36.5	<5	14.1	0.2	0.67

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Element	In	La	Lu	Mo	Nb	Pb	Rb	Sb	Sc	Se
Method	ICM40B									
Det.Lim.	0.02	0.1	0.01	0.05	0.1	0.5	0.2	0.05	0.1	2
Units	PPM									
E415307	0.06	2.9	0.12	1.31	0.4	1.9	21.5	0.07	64.4	<2
E415308	0.06	2.2	0.50	0.86	1.9	0.5	37.4	<0.05	65.7	<2
E415309	0.07	2.5	0.55	1.37	2.2	1.6	16.6	0.22	76.5	<2
E415310	0.06	2.5	0.58	0.54	2.2	<0.5	48.4	<0.05	71.6	<2
E440709	0.02	0.6	0.07	0.09	0.6	<0.5	0.7	<0.05	20.2	<2
E440710	0.06	2.8	0.39	0.39	1.8	1.6	0.7	0.14	47.0	<2
E440711	0.07	2.3	0.21	1.05	0.4	1.6	28.5	0.06	48.1	<2
E440712	0.07	3.0	0.39	0.35	2.2	0.7	10.9	<0.05	48.6	<2
E440713	0.06	2.0	0.10	0.84	0.3	0.6	8.0	<0.05	64.8	<2
E440714	0.07	2.9	0.36	0.22	1.8	0.7	0.7	0.06	52.8	<2
E440715	0.07	2.8	0.34	0.95	2,5	0.6	25.5	<0.05	46.0	<2
E440716	0.07	2.9	0.18	0.26	0.3	1.2	19.0	<0.05	51.0	<2
E440717	0.07	3.0	0.38	1.10	2.3	1.3	0.7	0.18	51.9	<2
E440718	0.08	3.6	0.44	0.52	2.9	1.4	0.7	0.20	53.3	2
E440719	0.08	3.3	0.49	0.84	1.8	0.8	36.2	0.09	53.8	<2
E440720	0.08	3.0	0.39	0.68	2.7	0.7	1.2	<0.05	50.0	<2
*Dup E415307	0.06	3.0	0.12	1.27	0.3	1.8	21.7	0.07	65.0	<2
*Dup E440717	0.07	2.8	0.36	1.02	2.4	1.0	0.4	0.13	48.1	<2

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Element	Sn	Та	Tb	Te	Th	TI	U	W	Y	Yb
Method	ICM40B									
Det.Lim.	0.3	0.05	0.05	0.05	0.2	0.02	0.1	0.1	0.1	0.1
Units	PPM									
E415307	<0.3	<0.05	0.15	0.10	0.4	0.06	<0.1	0.3	3.7	0.6
E415308	0.4	0.18	0.43	0.05	0.3	0.06	<0.1	1.5	22.4	3.0
E415309	0.3	0.20	0.47	<0.05	0.3	0.03	<0.1	0.5	25.4	3.4
E415310	0.4	0.25	0.48	<0.05	0.3	0.07	<0.1	1.8	27.7	3.5
E440709	<0.3	0.06	0.11	<0.05	<0.2	<0.02	<0.1	0.1	4.2	0.5
E440710	0.5	0.13	0.58	<0.05	0.2	<0.02	<0.1	0.1	23.8	2.5
E440711	<0.3	<0.05	0.30	<0.05	<0.2	0.06	<0.1	1.3	8.7	1.1
E440712	0.4	0.19	0.60	<0.05	0.2	<0.02	<0.1	0.1	24.2	2.6
E440713	<0.3	<0.05	0.12	<0.05	<0.2	0.02	<0.1	0.6	3.4	0.6
E440714	0.5	0.12	0.57	<0.05	0.2	<0.02	<0.1	0.1	23.6	2.5
E440715	0.6	0.23	0.53	<0.05	0.2	0.05	<0.1	0.6	21.4	2.2
E440716	<0.3	<0.05	0.20	<0.05	<0.2	0.04	<0.1	1.5	5.2	0.8
E440717	0.6	0.21	0.59	<0.05	0.3	<0.02	<0.1	0.7	23.3	2.6
E440718	0.7	0.25	0.66	<0.05	0.3	<0.02	<0.1	0.3	28.1	2.9
E440719	0.6	0.10	0.63	<0.05	0.3	0.08	<0.1	<0.1	27.0	3.0
E440720	0.6	0.23	0.65	<0.05	0.3	<0.02	<0.1	0.2	26.6	2.6
*Dup E415307	<0.3	<0.05	0.15	0.09	0.2	0.06	<0.1	0.2	3.9	0.6
*Dup E440717	0.5	0.21	0.54	<0.05	0.2	<0.02	<0.1	0.6	21.6	2.4

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Element	CO2
Method	CSB02V
Det.Lim.	0.01
Units	%
E415307	6.89
E415308	5.29
E415309	0.21
E415310	5.45
E440709	2.97
E440710	2.10
E440711	6.20
E440712	0.06
E440713	5.54
E440714	3.11
E440715	6.91
E440716	5.69
E440717	4.12
E440718	1.03
E440719	0.56
E440720	0.90
*Dup E415307	6.81
*Dup E440717	4.12

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