

TIMMINS OPERATIONS GEOLOGY LEGEND

ROCK TYPE	ROCK TYPE CODE	TEXTURE	TEXTURE CODE	ALTERATION	ALTERATION CODE	VEINING	VEIN CODING	MINERALIZATION	MINERALIZATION CODING
Ultramafic Volcanic	1	foliation	fl	albite	al	albite vein	abv	significant visible gold	VG
basaltic komatiite	1a	massive	m	ankerite	ak	albite carbonate veins	abcv	(multiple large flakes)	
peridotitic komatiite	1b	pillowed	p	syenite	sy	quartz veining/stringers	qv/qv	trace/minor visible gold	vg
carbonate	1cb	hyaloclastite	hy	carbonaceous	c	quartz ankerite veining/stringers	qav/qas		
taic	1tc	flow breccia	fbx	carbonate	cb	quartz calcite veining/stringers	qcv/qcs	1-5% pyrite	py
		amygdaloidal	e	calcite	ca	quartz ank/calcite veining	qac/qacs	5-10% pyrite	py
Mafic Volcanic	2	breccia	bx	chlorite	ch	<10% quartz	wkqv	>10% pyrite	py
magnesian tholeiite	2mn	variolitic	vr	doimite	dol	10-25% quartz	qv		
iron tholeiite	2fe	polysutured	r/ps	epidote	ep	25-50% quartz	Qv	1-5% arsenopyrite	as
massive	2m	shear	shr	fuchsite	fu	>50% quartz	QV	5-10% arsenopyrite	As
amygdaloidal	2e	sphintex	sfx	hematite	he			>10% arsenopyrite	AS
pillowed	2p	laminated	lm	potassic alteration	k				
carbonate	2cb	bedded	bd	sericite	se			chalcopyrite	cpy
spherulitic(chicken feed)	2sph	fault zone/fault	fz/ft	serpentine	sr			galena	ga
fuchsite carb	2ftcb	gouge	go	silicification	si			pyrrhotite	po
grey carb	2gycb	rubble	rb	talc	lc			sphalerite	sp
brown carb	2bncb	graphite	gf	leucoxene	lx				
chloritic carb	2chcb	ground core	gc	magnetite	mt				
trachyte	2tra	fine grained	fg	muscovite/hydromuscovite	mu				
		medium grained	mg	tourmaline	tm				
Intermediate Volcanic	3	coarse grained	cg	black tourmaline	tmk				
		regolith	rg	brown tourmaline	tmn				
Felsic Volcanic	4	pillow breccia	pbx	bleached (weak)	bl				
		localized	loc	bleached (moderate)	Bl				
			gq	bleached (strong)	BL				
			wg	limonitic	lm				
Sedimentary Rocks	5	grey quartz	gq						
argillite	5a	white quartz	wg						
graphitic argillite	5g	clastic	cl						
greywacke	5f	fuchsite carb	fuch						
conglomerate	5cg	grey carb	gycb						
chert	5cht	brown carb	bncb						
slate	5sl	chloritic carb	chcb						
quartzite	5qz	fragmental	fg						
quartzwacke	5qw	homogeneous	hom						
agglomerate	5agl	chill zone	cz						
tuffs	5t	stockwork	swk						
		sugary	sug						
Ultramafic Intrusive	6	vuggy	vgy						
		spherulitic(chicken feed)	sph						
Felsic Intrusive	7	trachytic	tra						
lamprophyre	7la	feldspar porphyry	fp						
diorite	7dl	qtz/feldspar porphyry	qfp						
Intermediate Intrusive	8								
syenite	8sv								
felsite	8f								
Felsic Intrusive	9								
feldspar porphyry	9f								
quartz porphyry	9q								
quartz feldspar porphyry	9d								
Qtz/Fspar Porphyry (latite)	9e								
Dabase	10								
Greyzone	GZ*								
Quartz vein (<50% qtz)	QV**								
Quartz vein zone (>50% qtz)	QVZ**								
Overburden	OB								
quartz Fault Zone	Flt, FZ								
hear Zone	SZ								
post Core	LC								
breakthrough	BT								

INTENSITY / ABUNDANCE
 weak or minor occurrences, only if considered important, code as wk___; wkch moderate intensity or common, lower case strong or abundant, UPPER CASE

not used

Bl

used

RECEIVED
 SEP 10 2003
 GEOSCIENCE ASSESSMENT
 OFFICE

202345
 1/27

Needs to be quantified i.e. GZ, Gz, or gz
 * Refer to page 2 for further detail.



42A11SE2034 2.28452 WHITNEY

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18666	5709.85	10017.28	10923.24	576	8/9/02	EZ Shot	NQ	S. Harding	S		Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P18524	488462.1	5373067	281.4	8/7/2002	8/9/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
206.00	158.5	-50.6				
406.00	156.5	-47.8				
576.00	155.1	-47.7				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	170.70	OB				0.00	170.70	170.70	NS	-1.000		-1	-1	-1	OB
170.70	214.00	5f	50	50	grey/green,5-10% slate beds,tr qcs,loc blocky patches	170.70	209.00	38.30	NS	-1.000		-1	-1	-1	na
214.00	252.00	5cgl	50	80	cgl w/ 25% gwk beds,grey/green,predom matrix supported,tr ca frags,tr py	209.00	214.00	5.00	J14931	0.001		-1	0	-1	na
						214.00	219.00	5.00	J14932	0.001		-1	1	-1	cgl
252.00	267.00	5f	50	95	gwk w/ loc pebbles/cgl beds,lt grey,wk se,arkose	219.00	224.00	5.00	J14933	0.001		-1	0	-1	cgl
267.00	304.80	5f	50	95	olive green/grey,wk se,loc wk bedding,arkose	224.00	229.00	5.00	J14934	0.000		-1	1	-1	cgl
304.80	305.00	flt		0	blocky/mn gouge	229.00	234.00	5.00	J14935	0.001		-1	0	-1	25% gwk
305.00	378.50	5f	50	75	olive green/grey,wk se,msv-wkly bedded,tr qcs,blocky core in lower 5',arkose	234.00	239.00	5.00	J14936	0.000		-1	0	-1	15% gwk
						239.00	244.00	5.00	J14937	0.001		0	0	-1	35% gwk
378.50	379.70	QV	40	35	blocky,msv wh QV,mn se incl	244.00	249.00	5.00	J14938	0.000		0	0	-1	gwk
379.70	412.00	5f	50	90	olive green/grey,wk se,msv-wkly bedded,tr qcs/ca strgrs,arkose	249.00	254.00	5.00	J14939	0.000		-1	0	-1	40% gwk
						254.00	259.00	5.00	J14940	0.000		-1	0	-1	gwk/cgl
412.00	413.70	5a	55	40	qz beds,almost cherty in places,20% arg beds,wk ca,2-3% py,tr po	259.00	371.00	112.00	NS	-1.000		-1	-1	-1	na
						371.00	375.00	4.00	J14941	0.004		3	0	-1	1" qs
413.70	414.60	5a	55	0	grey/green,blocky	375.00	378.50	3.50	J14942	0.001		7	0	-1	flat qs
414.60	416.00	FZ		0	80% LC,20% broken core/gouge	378.50	380.00	1.50	J14943	0.001		70	0	-1	QV
416.00	502.00	5f	60	50	grey/green,wk slate beds,tr-1% irr qcs,blocky sections,loc sm flts	380.00	384.00	4.00	J14944	0.001		-1	0	-1	na
						384.00	408.00	24.00	NS	-1.000		-1	-1	-1	na
502.00	502.80	QV	70	70	msv-wkly bx wh QV,wk ca,mn ch incl	408.00	412.00	4.00	J14945	0.000		-1	0	-1	na
						412.00	413.70	1.70	J14946	0.000		70	2	-1	qz beds
						413.70	415.00	1.30	J14947	0.001		0	0	-1	0.4' FZ

Friday, January 24, 2003

Hole # : 18666

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FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
502.80	545.80	5f	65	50	dk grey/green,wk slate beds,1% qcs,blocky sections,loc sm flts,mn gouge at lower cnt	415.00	416.00	1.00	NS	-1.000		-1	-1	-1	LC,FZ
						416.00	420.00	4.00	J14948	0.000		1	0	-1	na
545.80	576.00	1b	70	90	grey/green,wk-mod tc,wk ch,tr qcs,EOH.	420.00	499.00	79.00	NS	-1.000		-1	-1	-1	na
						499.00	502.00	3.00	J14949	0.000		0	0	-1	na
						502.00	503.00	1.00	J14950	0.000		80	0	-1	QV,ca
						503.00	506.00	3.00	J14951	0.000		0	0	-1	na
						506.00	523.50	17.50	NS	-1.000		-1	-1	-1	na
						523.50	525.50	2.00	J14952	0.000		30	1	-1	qs/qcs
						525.50	576.00	50.50	NS	-1.000		-1	-1	-1	EOH

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18667	2662.35	9611.58	10948.11	600	8/16/02	EZ Shot	NQ	S. Harding	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13097	487533.4	5372944	289	8/14/2002	8/16/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
87.00	162.5	-49.2				
287.00	162	-49.2				
597.00	160.6	-45.6				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	54.70	OB				0.00	54.70	54.70	NS	-1.000		-1	-1	-1	OB
54.70	73.00	2	55	60	green-grey/green,wkly pil,loc wk amygs,tr qcs	54.70	154.80	100.10	NS	-1.000		-1	-1	-1	na
73.00	88.00	2	55	70	green,tr qcs/ca strgrs	154.80	159.80	5.00	J14963	0.002		-1	0	-1	na
88.00	159.80	2	55	85	grey/green,tr-wk perv ca,wk-mod ca spks/strgrs,tr qcs	159.80	162.60	2.80	J14964	0.043		0	1	0.1	3% po
159.80	173.60	2	55	80	green,wkly pil,loc wk vars,tr-wk perv ca,1% qcs,1% py,2% po,tr-1% cg aspy	162.60	165.60	3.00	J14965	0.039		2	1	1	2% po
173.60	334.10	2fe	55	80	grey/green,wk-mod lx,wk ch,loc mn se,tr-wk ca,1% qcs,tr py,loc tr cpy in qcs,lower cnt 30 deg tca	165.60	169.60	4.00	J14966	0.034		1	1	1	1% po
334.10	359.00	5f	45	90	grey/green,40% slate beds,wk ch,loc mn ca,tr qcs/ca strgrs	169.60	173.60	4.00	J14967	0.017		1	2	0.1	1% po
359.00	375.50	5cgl	45	95	grey/green,clast supported,polymictic,mn ca matrix,tr qcs,3" qcs w/ mn cpy @ 362.4'	173.60	178.60	5.00	J14968	0.017		2	1	-1	2% po
375.50	376.70	FZ	30	0	blocky,wk gouge at top,broken qv at top	178.60	183.60	5.00	J14969	0.004		0	2	-1	tr po
376.70	377.80	QV	30	100	msv-wkly sty wh QV,wk ca,wk ch incl/fracs	183.60	354.00	170.40	NS	-1.000		-1	-1	-1	na
377.80	394.00	2fe	55	70	grey/green,mod-str lx,tr-wk ca,blocky core at lower cnt	354.00	359.00	5.00	J14970	0.001		-1	0	-1	na
394.00	431.20	5cgl	45	70	grey/green,wk se/bl,tr qcs,tr py,blocky in top 7',422.3-423.4': gwk	359.00	362.00	3.00	J14971	0.001		0	0	-1	cgl
431.20	433.40	5a	45	0	dk grey-grey/green,tr qcs	362.00	363.00	1.00	J14972	0.007		30	0	-1	3" qcs
433.40	435.20	FZ	45	0	blocky/broken core,wk gouge	363.00	367.00	4.00	J14973	0.001		0	0	-1	cgl
435.20	480.00	5f	50	80	grey,15% slate beds,1-2% qcs < 1" wide predom // bedding,sm flt @ 476.5'	367.00	371.00	4.00	J14974	0.000		-1	0	-1	cgl
						371.00	375.00	4.00	J14975	0.000		0	0	-1	cgl
						375.00	376.70	1.70	J14976	0.003		20	0	-1	FZ,qv
						376.70	377.80	1.10	J14977	0.000		85	-1	-1	QV
						377.80	381.80	4.00	J14978	0.000		0	0	-1	na
						381.80	389.00	7.20	NS	-1.000		-1	-1	-1	na
						389.00	394.00	5.00	J14979	-1.000		0	0	-1	na

18667

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
480.00	501.50	5f	50	60	grey,msv-mn bedding,tr qcs	394.00	399.00	5.00	J14980	0.000		-1	0	-1	cgl
501.50	600.00	5f	50	80	grey,15% slate beds,tr-1% qcs,EOH.	399.00	404.00	5.00	J14981	0.000		-1	0	-1	cgl
						404.00	409.00	5.00	J14982	0.001		0	0	-1	cgl
						409.00	414.00	5.00	J14983	0.005		1	0	-1	cgl
						414.00	418.00	4.00	J14984	0.002		2	0	-1	cgl
						418.00	422.00	4.00	J14985	0.006		1	0	-1	cgl
						422.00	427.00	5.00	J14986	0.001		-1	0	-1	cgl
						427.00	431.20	4.20	J14987	0.011		-1	0	-1	cgl
						431.20	436.20	5.00	J14988	0.000		1	0	-1	5a,EZ
						436.20	600.00	163.80	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18668	3495.18	11368.88	10942.24	592	8/22/02	EZ Shot	NQ	S. Harding	S	IP Anom.	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14566	487787.9	5373479	287.2	8/20/2002	8/22/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	180	-50				
147.00	183.7	-49.6				
347.00	183.6	-48.3				
547.00	182.8	-47.5				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	113.20	OB				0.00	113.20	113.20	NS	-1.000		-1	-1	-1	OB
113.20	116.70	2	60	70	grey-grey/green,wk-mod se,wk ca,mn c in frags,mbx-msv,1% qcs,2% py	113.20	116.70	3.50	J15221	0.004		1	2	-1	na
116.70	123.00	GZ	60	0	blocky/broken core,approx 35% LC,gre,wk-mod c,0.5' qz/ca veining at top,4% py	116.70	123.00	6.30	J15222	0.002		8	4	-1	35% LC
123.00	147.00	GZ	60	70	grey,wk-mod c,wk ca,bx w/ msv sections,loc gf bands < 0.5' wide,1-2% qcs,6% diss/smsv py	123.00	127.00	4.00	J15223	0.003		3	5	-1	Gz
127.00	132.00					127.00	132.00	5.00	J15224	0.005		1	10	-1	Gz
132.00	137.00					132.00	137.00	5.00	J15225	0.002		-1	5	-1	Gz
137.00	142.00					137.00	142.00	5.00	J15226	0.000		-1	7	-1	Gz
142.00	147.00					142.00	147.00	5.00	J15227	0.001		4	3	-1	gz
147.00	240.00	2	60	70	grey/green-grey,bx,loc wk pil,wk-mod se/ca,wk-mod c in stwk,3% py,sm flt @ 206.8',WR E192424 @ 221.6	147.00	152.00	5.00	J15228	0.001		1	5	-1	na
240.00	247.00	GZ	50	30	grey,wk c,mod bx,1" qcs @ 244',1% py,blocky in top half	152.00	157.00	5.00	J15229	0.001		-1	5	-1	na
247.00	269.50	2	50	50	grey-mn grey/green,tr-wk c,loc wk se,3% qcs,1-2% py,tr sp in 2" qs @ 269'	157.00	235.00	78.00	NS	-1.000		-1	-1	-1	na
235.00	240.00					235.00	240.00	5.00	J15230	0.001		-1	10	-1	na
240.00	273.20	FZ		0	blocky/broken core,wk gouge,approx 60% LC	240.00	243.50	3.50	J15231	0.000		1	1	-1	gz
243.50	296.00	GZ	60	10	blocky,gre,wk c,mn gf in lower 5',msv,12% qcs/veining < 0.7' wide,3% py,loc tr po/cp/sp in strgrs,	243.50	247.00	3.50	J15232	0.007		10	1	-1	gz
247.00	252.00					247.00	252.00	5.00	J15233	0.005		2	2	-1	na
252.00	298.50	1a	50	95	olive green/grey,wk-mod se,tr-wk ca,tr qcs,tr py	252.00	257.00	5.00	J15234	0.016		2	3	-1	na
257.00	368.00	2	50	95	green-grey/green,wk ch/ca,mn se at top,msv-mn bx patches,tr qcs,8% irr ca strgrs/stwk	257.00	262.00	5.00	J15235	0.006		1	1	-1	na
262.00	266.00					262.00	266.00	4.00	J15236	0.017		1	1	-1	na
266.00	406.40	2	50	100	green,mod ch,loc mn ca,WR E192426 @ 377.2'	266.00	269.50	3.50	J15237	0.007		8	1	-1	qcs/sp
269.50	500.00	2	50	95	grey/green,wk ch,mn ak,wkly pil,loc wk amygs/mn fbx,loc tr po,WR E192427 @ 422.5'	269.50	273.20	3.70	J15238	0.058		6	1	-1	60% LC
273.20						273.20	276.20	3.00	J15239	0.009		30	1	-1	qv/qs

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
500.00	540.00	2	50	95	grey/green,wk-mod ch,loc tr-wk ca,wkly pil-msv,tr qcs,loc tr po	276.20	279.20	3.00	J15240	0.270		25	8	-1	qcs/po/cf
						279.20	282.20	3.00	J15241	0.013		20	2	-1	qcs/cp/sp
540.00	581.50	2	50	95	green-grey/green,wk-mod ch,tr-wk ak,wkly pil-msv,loc mn amygs,tr-1% qcs	282.20	286.60	4.40	J15242	0.009		0	1	-1	na
						286.60	292.00	5.40	J15243	0.016		-1	3	-1	20% LC
581.50	592.00	2	50	100	grey/brown,wk se,tr-wk ca,mn ch,loc wk amygs,EOH.	292.00	296.00	4.00	J15244	0.003		10	2	-1	45% LC
						296.00	298.50	2.50	J15245	0.006		0	0	-1	na
						298.50	303.50	5.00	J15246	0.001		1	0	-1	na
						303.50	592.00	288.50	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18669	4144.06	11300.79	10936.32	547	8/20/02	EZ Shot	NQ	S. Harding	S	IP Anom.	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13087	487985.6	5373458	285.39	8/16/2002	8/20/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	180	-50				
117.00	182.4	-49				
317.00	184.4	-48.2				
547.00	183.7	-47.9				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	83.00	OB				0.00	83.00	83.00	NS	-1.000		-1	-1	-1	OB
83.00	90.00	GZ	50	90	grey-dk grey,wk-mod c,mod bx-msv,tr ca strgrs,tr-1% py	83.00	86.50	3.50	J14989	0.001		-1	1	-1	Gz
90.00	125.00	2	50	90	grey/brown,wk-mod se,tr-wk perv ca,msv-loc bx sections,mn c in frags,tr qcs,sm flt @ 122'	86.50	90.00	3.50	J14990	0.000		-1	0	-1	gz
90.00	125.00	2	50	90	lt grey/brown,msv w/ mn bx/fbx sections,wk-mod se,tr-wk ca,tr-1% qcs	90.00	95.00	5.00	J14991	0.000		1	0	-1	na
125.00	237.70	2	50	90	lt grey/brown,msv w/ mn bx/fbx sections,wk-mod se,tr-wk ca,tr-1% qcs	95.00	297.20	202.20	NS	-1.000		-1	-1	-1	na
125.00	237.70	2	50	90	lt grey/brown,msv w/ mn bx/fbx sections,wk-mod se,tr-wk ca,tr-1% qcs	297.20	302.20	5.00	J14992	0.000		1	0	-1	na
237.70	241.30	2		0	seam,85% LC,blocky/broken core	302.20	303.50	1.30	J14993	0.002		8	7	-1	na
241.30	278.00	2	50	95	grey/brown,wk-mod se,wk ca,mn ch at end,tr-1% qcs/ca strgrs	303.50	307.00	3.50	J14994	0.002		0	7	-1	30% LC
241.30	278.00	2	50	95	grey/brown,wk-mod se,wk ca,mn ch at end,tr-1% qcs/ca strgrs	307.00	312.00	5.00	J14995	0.024		5	3	-1	70% LC
278.00	302.20	2	50	90	grey/green/brown,wk-mod se,tr-wk ca,loc mn ch,wkly pil,tr-1% qcs	312.00	313.40	1.40	J14996	0.002		17	10	-1	2.5" qcs
278.00	302.20	2	50	90	grey/green/brown,wk-mod se,tr-wk ca,loc mn ch,wkly pil,tr-1% qcs	313.40	315.90	2.50	J14997	0.003		6	1	-1	2% po
302.20	303.50	2	50	50	dk grey,mod c/gf,8% irr qcs,7% py	315.90	318.40	2.50	J14998	0.001		8	0	-1	1% po
303.50	307.00	5a	50	15	approx 30% lost core,blocky w/ loc broken core incl top cnt,black,mod-str gf,tr irr ca strgrs,7% py	318.40	322.40	4.00	J14999	0.001		0	0	-1	tr po
303.50	307.00	5a	50	15	approx 30% lost core,blocky w/ loc broken core incl top cnt,black,mod-str gf,tr irr ca strgrs,7% py	322.40	325.90	3.50	J15000	0.000		8	0	-1	na
307.00	312.00	5g		0	blocky/broken core,wk gouge at end,approx 70% LC,5% broken qv w/ gouge,3% py	325.90	547.00	221.10	NS	-1.000		-1	-1	-1	EOH.
312.00	313.40	5g	70	40	black,mod-str gf,10% py,2.5" qcs @ 312.3'										
313.40	325.90	2	65	80	grey/green,tr-wk ca,mn c at top,5% qcs,tr py,1-2% po										
325.90	354.30	1b	65	95	grey-grey/green,wk-mod tc,mn ch at cnts										
354.30	464.00	2	65	100	grey/green-green,wk ch,loc mn se,mn ca at end,wkly pil-msv,loc mn amygs,442.5-445': fbx/hy										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
464.00	497.00	2	50	100	grey/green-green, wk-mod ch, tr-wk ca, tr qcs										
497.00	547.00	2	50	100	green.mod ch, tr-wk ca, wkly pil-msv, tr qcs/ca strgrs, EOH.										

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18682	5093.76	10860.25	10927.09	507	9/12/02	EZ Shot	NQ	S. Harding	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488274.8	5373324	282.2	9/9/2002	9/10/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
117.00	160.9	-49.2				
317.00	161.5	-47.9				
507.00	162	-48.2				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	84.50	OB			approx depth	0.00	84.50	84.50	NS	-1.000		-1	-1	-1	OB
84.50	91.40	2fe	50	0	blocky/broken core, approx 10% LC	84.50	129.00	44.50	NS	-1.000		-1	-1	-1	na
91.40	113.00	2fe	50	90	grey/green, wk se, tr-wk ca, wk-mod vfg lx, 1-2% irr ca strgrs	129.00	134.00	5.00	J15333	0.002		-1	0	-1	na
113.00	131.00	2fe	50	90	grey/green, loc mn ca, wk-mod lx, tr-1% qcs	134.00	139.00	5.00	J15334	0.004		-1	1	-1	na
131.00	158.50	2fe	50	90	grey/green-green, wk-mod ch, loc mn ca, 1% py, loc tr po, 8% qs/qcs < 3" wide 50-70 deg tea loc w/ po/cpy	139.00	142.00	3.00	J15335	0.009		-1	1	-1	na
158.50	159.00	QV	50	40	msv wh QV, tr-wk ca, tr py at cnts	142.00	145.00	3.00	J15336	0.002		-1	0	-1	na
159.00	198.00	2fe	50	75	grey-grey/green, tr-wk ca, 3% qcs, tr py, 3.5" qcs @ 183.5'	145.00	149.00	4.00	J15337	0.018		-1	1	-1	na
198.00	201.20	2fe	50	0	blocky/broken core, mn gouge, 2" qcs @ 200.2'	149.00	152.00	3.00	J15338	0.022		-1	2	-1	2.5" qcs
201.20	202.40	QV	25	0	blocky, approx 7" msv lt pk/wh QCV, mod-str ca	152.00	155.00	3.00	J15339	0.019		-1	0	-1	na
202.40	204.00	2fe		0	blocky/broken core, mn gouge	155.00	158.20	3.20	J15340	0.001		-1	1	-1	na
204.00	207.50	QV	40	20	blocky, msv-wkly sty wh QV, tr-wk ca, 5% brown tm, tr py	158.20	159.70	1.50	J15341	0.008		40	3	-1	QV
207.50	211.00	QV	30	50	blocky, wkly bx wh QV, wk-mod ca, 1-2% py, tr cpy	159.70	162.70	3.00	J15342	0.015		-1	2	-1	na
211.00	212.60	2	60	30	blocky, tr-wk ca, 8% qcs, 2% py	162.70	167.70	5.00	J15343	0.000		-1	0	-1	na
212.60	214.00	QV	35	90	approx 0.6' msv wh/mn gy QV, tr vg at lower cnt, 3% tm, tr py	167.70	172.00	4.30	J15344	0.000		-1	0	-1	na
214.00	221.10	2	60	50	grey/green, tr-wk ca, wkly pil-msv, tr-1% qcs, tr py	172.00	177.00	5.00	J15345	0.005		-1	0	-1	na
221.10	222.60	QV	35	100	bx wh/mn gy QV, tr-wk musc, mn ch incl, 3% py in qz/frags	177.00	182.00	5.00	J15346	0.001		-1	0	-1	na
222.60	228.00	2	60	60	grey/green, mn ca	182.00	184.00	2.00	J15347	0.108		-1	1	-1	3.5" qcs
						184.00	188.00	4.00	J15348	0.004		-1	1	-1	na
						188.00	193.00	5.00	J15349	0.001		-1	0	-1	na
						193.00	198.00	5.00	J15350	0.005		-1	0	-1	na
						198.00	201.00	3.00	J15351	0.002		-1	0	-1	Fz

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
228.00	237.00	Fz	60	0	blocky/broken core,loc mn gouge	201.00	202.40	1.40	J15352	0.000		85	0	-1	QCV
237.00	248.30	2	60	40	grey/green,tr-wk ca,loc mn amygs,tr qcs	202.40	204.00	1.60	J15353	0.001		-1	0	-1	Fz
248.30	265.50	2	60	15	blocky,loc mn gouge,grey/green,mn se/ca,tr qcs	204.00	207.50	3.50	J15354	0.271		100	0	-1	QV,tm
265.50	271.00	FZ		0	blocky/broken core,approx 55% LC	207.50	211.00	3.50	J15355	0.037		80	2	-1	QV.ca
271.00	312.00	2	60	80	grey/green-green,wk-mod ch,loc mn ca,loc mn amygs/fbx,tr qcs	211.00	212.50	1.50	J15356	0.027		-1	2	-1	na
						212.50	214.00	1.50	J15357	0.105		75	0	-1	QV,tm
						214.00	217.00	3.00	J15358	0.012		-1	2	-1	na
312.00	331.00	2	60	80	green,mod ch,wk amygs,tr qcs,sm flt @ 324.7'	217.00	221.00	4.00	J15359	0.023		-1	1	-1	na
331.00	362.00	2	60	75	green,loc mn amygs,1-2% qcs,sm flt @ 355.8'	221.00	222.60	1.60	J15360	0.008		85	3	-1	QV.ca
362.00	362.20	Flt		0	broken core/gouge	222.60	227.60	5.00	J15361	0.001		-1	0	-1	na
362.20	415.40	2	50	60	grey/green,loc mn ca,tr qcs,sm flts @ 376.4 & 379.6'	227.60	412.00	184.40	NS	-1.000		-1	-1	-1	na
415.40	415.90	QV	50	100	msv dirty wh QCV,mod ca,wk ch incl	412.00	415.00	3.00	J15362	0.000		-1	0	-1	na
415.90	457.00	2	50	70	grey/green,loc mn amygs,tr qcs,loc tr py/cpy	415.00	416.00	1.00	J15363	0.001		50	0	-1	QCV
457.00	475.40	2	50	80	grey/green,mn se,wk amygs,1-2% qcs loc w/ tr po/cpy	416.00	419.00	3.00	J15364	0.001		-1	0	-1	na
475.40	476.20	QV	35	100	approx 0.5' msv-wkly bx wh QV,wk ca,mn ch incl	419.00	475.00	56.00	NS	-1.000		-1	-1	-1	na
476.20	504.20	2	50	100	grey/green,mn se,loc mn amygs,tr-1% qcs	475.00	476.50	1.50	J15365	0.000		55	0	-1	QV.ca
504.20	504.80	QV	60	100	0.5' bx wh/mn gy QV,40% frags,tr py/po/cpy	476.50	504.00	27.50	NS	-1.000		-1	-1	-1	na
504.80	507.00	2	50	70	grey/green,tr qcs,EOH.	504.00	505.00	1.00	J15366	0.000		60	0	-1	QV.ca
						505.00	507.00	2.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18683	3014.24	11419.51	10944.56	487	8/26/02	EZ Shot	NQ	S. Harding	S		Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P7640	487641.4	5373495	287.9	8/22/2002	8/23/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
167.00	163.8	-49				
367.00	159.4	-46.7				
487.00	160.2	-47.2				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	132.00	OB				0.00	132.00	132.00	NS	-1.000		-1	-1	-1	OB
132.00	138.00	GZ	60	80	grey,wk c/gf,3% qcs,2% py	132.00	136.00	4.00	J15247	0.024		5	4	-1	*gz
138.00	174.00	2	60	80	grey-mn grey/green,tr-wk c/se,wkly bx-msv,tr qcs,tr-1% py	136.00	141.00	5.00	J15248	0.004		3	0	-1	gz,2
174.00	215.00	GZ	60	60	grey,wk c,wkly bx,3% qcs,tr-1% py	141.00	146.00	5.00	J15249	0.002		-1	0	-1	na
215.00	215.50	QV	70	100	msv wh/mn gy QCV,mod-str ca,tr py/po	146.00	189.50	43.50	NS	-1.000		-1	-1	-1	na
215.50	222.10	GZ	60	40	grey-dk grey,mod c,4% qcs,1-2% py	189.50	194.50	5.00	J15250	0.000		0	0	-1	gz
222.10	222.90	QV	40	100	approx 0.5' bx wh QCV,mod ca,35% frags	194.50	197.50	3.00	J15251	0.036		20	2	-1	qz/ca veini
222.90	271.50	2	50	85	grey/brown,wk-mod se,tr-wk c in top 20',c in stwk,wk amygs in lower 12',tr-1% qcs/py	197.50	202.50	5.00	J15252	0.001		0	1	-1	gz
271.50	305.30	2fe	50	80	grey/brown,mod se,mn c in top half,mod-str lx,wkly bx-msv,tr qcs	202.50	207.50	5.00	J15253	0.001		4	0	-1	gz
305.30	319.30	2	60	95	lt grey/brown,mod se,mn pbx,2-3% irr qcs,7% diss/smsv py in stwk/sel,tr-1% po	207.50	211.50	4.00	J15254	0.002		4	1	-1	gz
319.30	333.30	2	60	95	lt grey/brown,mod se,tr-1% qcs/ca strgrs,1-2% py,tr po	211.50	214.50	3.00	J15255	0.001		0	4	-1	gz
333.30	355.00	2fe	60	70	grey/green,wk-mod se,tr-wk ca,mod-str lx,loc mn pil sections,tr qcs,tr py/po	214.50	216.00	1.50	J15256	0.004		35	4	-1	QCV
355.00	356.00	2fe	60	0	blocky,dk grey-grey/green,wk c,mn se,3% qcs,6% py	216.00	219.00	3.00	J15257	0.001		2	2	-1	Gz
356.00	357.00	QV	45	0	msv-wkly bx/sty wh QCV,wk-mod ca,wk c frags/frags,mn se,tr pu	219.00	222.00	3.00	J15258	0.000		6	1	-1	Gz
						222.00	223.50	1.50	J15259	0.000		55	0	-1	QCV
						223.50	226.50	3.00	J15260	0.000		0	2	-1	na
						226.50	231.50	5.00	J15261	0.001		0	2	-1	na
						231.50	300.30	68.80	NS	-1.000		-1	-1	-1	na
						300.30	305.30	5.00	J15262	0.000		2	1	-1	na
						305.30	308.30	3.00	J15263	0.000		4	7	-1	2% po
						308.30	310.80	2.50	J15264	0.001		0	6	-1	1% po

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
357.00	362.70	FZ		0	approx 60% LC,blocky,mn gouge,wk c,1-2% qcs,1% py,4" qcv near end	310.80	313.80	3.00	J15265	0.000		5	8	-1	tr po
						313.80	316.80	3.00	J15266	0.000		-1	6	-1	tr po
362.70	371.40	2fe	45	50	grey/green-green,wk-mod ch,tr-wk ca,wk lx,tr-1% qcs	316.80	319.30	2.50	J15267	0.001		3	10	-1	tr po
371.40	377.00	2fe		15	blocky,loc mn gouge,1% qcs	319.30	323.30	4.00	J15268	0.000		1	0	-1	na
377.00	385.40	2fe	60	40	grey/green,wk ch,tr-wk ca	323.30	326.30	3.00	J15269	0.000		-1	2	-1	2% po
385.40	393.70	1b	50	80	grey/green,wk ch/ca,loc mn tc	326.30	330.30	4.00	J15270	0.000		0	1	-1	tr po
393.70	447.50	2	40	95	grey/green-green,wk-mod ch,tr-wk ca,tr qcs	330.30	333.30	3.00	J15271	0.000		1	3	-1	tr po
447.50	487.00	2	40	95	grey/green,wkly pil,tr qcs,EOH.	333.30	338.30	5.00	J15272	0.000		1	3	-1	tr po
						338.30	347.00	8.70	NS	-1.000		-1	-1	-1	na
						347.00	352.00	5.00	J15273	0.003		-1	0	-1	na
						352.00	355.50	3.50	J15274	0.010		1	2	-1	na
						355.50	357.00	1.50	J15275	0.012		60	1	-1	QCV,c
						357.00	362.70	5.70	J15276	0.003		8	1	-1	60% LC
						362.70	365.70	3.00	J15277	0.001		2	0	-1	na
						365.70	370.70	5.00	J15278	0.000		1	0	-1	na
						370.70	487.00	116.30	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18684	3108.95	11132.69	10945.53	547	8/27/02	EZ Shot	NQ	S. Harding	S		Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13087	487670.1	5373408	288.2	8/23/2002	8/27/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
117.00	159.2	-50.8				
317.00	157.8	-49.5				
527.00	159.5	-49.4				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	83.00	OB				0.00	83.00	83.00	NS	-1.000		-1	-1	-1	OB
83.00	95.00	2	50	80	grey-grey/brown,wk-mod se,tr-wk c,bx-pil?3% qcs,8% py	83.00	87.00	4.00	J15279	0.004		1	8	-1	na
95.00	116.20	2	50	80	grey/brown,mod se,mn c,tr qcs,2-3% py	87.00	91.00	4.00	J15280	0.007		0	8	-1	na
116.20	116.50	flt		0	broken core/gouge	91.00	95.00	4.00	J15281	0.002		7	7	-1	na
116.50	124.00	GZ	50	60	grey-grey/brown,wk c/se,tr qcs,6% py	95.00	100.00	5.00	J15282	0.001		0	1	-1	na
124.00	131.00	2	50	35	grey/green,wk se,tr-wk fuch	100.00	105.00	5.00	J15283	0.001		0	6	-1	na
131.00	154.00	2	55	60	green-grey/green,wk ch/se,tr-1% qcs	105.00	110.00	5.00	J15284	0.001		0	1	-1	na
154.00	183.20	2	50	40	green,mod ch,loc mn se,msv-wkly fol,2-3% qcs,loc mn rust,sm flt @ 166.6'	110.00	115.00	5.00	J15285	0.001		-1	2	-1	na
183.20	185.90	FZ		0	95% LC,5% broken core/gouge	115.00	120.00	5.00	J15286	0.001		0	1	-1	na
185.90	348.30	2	60	95	green,msv,mod ch,loc mn ca,tr qcs,2% irr ca strgrs	120.00	124.00	4.00	J15287	0.005		0	10	-1	na
348.30	349.20	QV	70	90	wkly bx/sty lt grey/wh QV,wk ca,30% ch frags/incl,2% tm,1% diss py	124.00	128.00	4.00	J15288	0.032		-1	0	-1	na
349.20	383.00	2	60	95	green,mod ch,loc mn ca,3% qcs	128.00	344.30	216.30	NS	-1.000		-1	-1	-1	na
383.00	439.00	2fe	50	90	grey/green-green,wk-mod ch,mod-str vfg lx,msv-loc wk fbx,hy at top cnt,tr qcs	344.30	348.30	4.00	J15289	0.002		0	0	-1	na
439.00	477.00	2	50	95	grey/green,wk ch/se,loc mn ca,wk-mod ch frags,tr qcs,loc tr po	348.30	349.50	1.20	J15290	0.000		75	1	-1	QV,tm
477.00	547.00	2	50	100	green-grey/green,wk-mod ch frags,tr qcs,loc tr po,3" qcs @ 489',492.8-493.8'; 10% py/cpy/po,EOH.	349.50	353.00	3.50	J15291	0.000		7	0	-1	qcs's
						353.00	358.00	5.00	J15292	0.000		6	0	-1	qcs's
						358.00	483.50	125.50	NS	-1.000		-1	-1	-1	na
						483.50	488.50	5.00	J15293	0.000		-1	0	-1	na
						488.50	490.00	1.50	J15294	0.000		25	0	-1	3" qcs
						490.00	494.00	4.00	J15295	0.000		0	1	-1	2% po/cp
						494.00	499.00	5.00	J15296	0.001		0	0	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						499.00	547.00	48.00	NS	-1.000		-1	-1	-1	EOIL

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18685	4720.4	11055.58	10926.11	507	8/29/02	EZ Shot	NQ	S. Harding	S		Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488161.1	5373383	281.9	8/27/2002	8/29/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
147.00	164.4	-47.8				
347.00	164.4	-48.2				
507.00	164.4	-48.4				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	113.50	OB				0.00	507.00		NS	-1.000		-1	-1	-1	na
113.50	149.30	2	40	25	blocky,green,mod ch,loc mn ca,tr qcs,loc mn flts/gouge,mn lost core,WR E192428 @ 123.3'										
149.30	176.00	2	40	20	approx 45% LC,blocky,loc wk gouge,green,msv,mod ch,tr-1% qcs,2% irr ca strgrs										
176.00	187.50	2	40	10	approx 45% LC,blocky,loc wk gouge,gre/green,wk se,mn ch,pil w/ mn amygs,1% ca strgrs										
187.50	191.00	2	40	10	approx 20% LC,blocky/wk gouge,green,mod ch,msv,1% qcs										
191.00	196.00	2	40	20	blocky,green-gre/green,loc mn se,tr qcs										
196.00	221.00	2	40	20	blocky,approx 10% LC,gre/green,wk ch/se,wkly pil,loc wk amygs,1% qcs										
221.00	226.20	FZ		0	blocky/broken core,mn gouge,approx 75% LC										
226.20	230.60	2	40	75	gre/green,wk se,mn ch,3% qcs										
230.60	237.00	FZ	40	0	blocky/broken core,loc mn gouge,approx 45% LC,wk se,wkly pil										
237.00	242.00	2	40	60	gre,wk-mod se,loc mn ch/ca,3% qcs										
242.00	245.80	FZ		0	broken core,mn gouge,approx 80% LC										
245.80	290.20	2	45	40	gre/green,wk se/ch,wkly pil,wk amygs,loc mn sm flts,tr qcs,WR E192428 @ 274'										
290.20	291.00	flt		0	blocky/broken core,wk gouge,10% LC										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
291.00	309.00	2	50	70	grey-grey/green,wk se/ch,mn amygs,loc mn flts,2% qcs										
309.00	507.00	2	50	95	green-grey/green,wk-mod ch,loc mn se,wkly pil,loc wk amygs/fbx,tr-1% qcs,WR E192430 @ 412.8',EOH.										

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18686	4812	10767.5	10923.88	507	8/30/02	EZ Shot	NQ	S. Harding	S		Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488188.9	5373296	281.21	8/29/2002	9/3/2002	Bradley Bros.	Hoyle Pond Mine Site

Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
137.00	161	-49				
337.00	159.9	-47.7				
507.00	158.9	-46.5				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	103.20	OB				0.00	103.20	103.20	NS	-1.000		-1	-1	-1	OB
103.20	119.30	2	40	75	grey/green,wk se/ch,tr qcs	103.20	115.30	12.10	NS	-1.000		-1	-1	-1	na
119.30	121.30	QV	60	100	bx dirty wh QCV,mod-str ca,40% frags	115.30	119.30	4.00	J15297	0.000		1	0	-1	na
121.30	142.00	2	40	60	grey/green,wk se/ch,wkly pil,loc mn amygs,tr-1% qcs	119.30	121.30	2.00	J15298	0.000		95	0	-1	QCV
142.00	152.00	GZ	40	75	grey-grey/green,wk c,loc tr-wk se,1% qcs,1.5" wh/gy qcs @ 142.5'	121.30	125.30	4.00	J15299	0.000		2	0	-1	na
152.00	154.30	FZ		0	blocky/broken core,approx 75% LC	125.30	137.00	11.70	NS	-1.000		-1	-1	-1	na
154.30	160.30	GZ	50	80	grey-grey/green,wk c,loc mn se/ca,1% qcs	137.00	142.00	5.00	J15300	0.000		-1	0	-1	na
160.30	161.30	QV	60	100	msv-wkly bx gy QV,mn ak/rusty frags,tr py/po,ground core at lower cnt	142.00	144.00	2.00	J15301	0.001		10	0	-1	1.5" qs
161.30	163.80	GZ	50	100	dk grey-grey/green,wk-mod c,mn se,6% qcs,2% py	144.00	148.00	4.00	J15302	0.000		22	0	-1	gz
163.80	171.00	2	50	70	grey/green,wk-mod se,mn ch,tr qcs	148.00	152.60	4.60	J15303	0.000		1	0	-1	gz
171.00	206.60	2	50	75	grey/green,wk-mod se,loc mn ca,1-2% qcs,WR E192431 @ 188.6'	152.60	154.30	1.70	NS	-1.000		-1	-1	-1	LC,FZ
206.60	208.00	QV	40	60	wkly bx wh QCV,mod ca,mn se	154.30	158.30	4.00	J15304	0.000		4	0	-1	gz
208.00	218.20	2	50	80	grey/green,wk-mod se,tr qcs	158.30	160.30	2.00	J15305	0.002		1	0	-1	gz
218.20	220.50	LC			seam,lost/ground core	160.30	161.30	1.00	J15306	0.047		100	0	-1	QV,po
220.50	246.00	2	50	70	grey/green,wk se/ch,tr qcs	161.30	163.80	2.50	J15307	0.007		6	2	-1	gz,qcs's
						163.80	168.80	5.00	J15308	0.000		0	0	-1	na
						168.80	202.60	33.80	NS	-1.000		-1	-1	-1	na
						202.60	206.60	4.00	J15309	0.000		4	0	-1	na
						206.60	208.00	1.40	J15310	0.000		95	-1	-1	QCV
						208.00	212.00	4.00	J15311	0.000		3	0	-1	na
						212.00	298.00	86.00	NS	-1.000		-1	-1	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
246.00	305.20	2	50	80	grey/green,wk-mod se,loc mn ch,wkly pil-msv,tr-1% qcs,WR E192432 @ 294.2'	298.00	301.00	3.00	J15312	0.001		8	0	-1	2 x qcs
						301.00	305.00	4.00	J15313	0.006		-1	0	-1	na
305.20	305.60	QV	50	100	msv wh/mn gy QV,wk ca,mn pk carb,mn se/ch incl,tr py	305.00	307.00	2.00	J15314	0.001		35	0	-1	QV,qcbs
305.60	414.00	2	50	95	grey/green,2% qcs < 2.5" wide loc w/ tr py/cpy/po,WR E192433 @ 355.6'	307.00	311.00	4.00	J15315	0.004		7	0	-1	qcs's,cpy
						311.00	315.00	4.00	J15316	0.001		8	0	-1	qcs's,cpy
414.00	417.00	FZ		0	approx 50% LC,blocky/broken core,wk gouge	315.00	319.00	4.00	J15317	0.000		1	0	-1	na
417.00	428.50	2	55	0	blocky,grey/green,wk-mod se,loc mn ch,msv-wkly fol,2% qcs	319.00	323.00	4.00	J15318	0.000		13	0	-1	qcs's,cpy
						323.00	341.00	18.00	NS	-1.000		-1	-1	-1	na
428.50	443.70	FZ	55	0	approx 40% LC,blocky/broken core,loc mn gouge	341.00	344.00	3.00	J15319	0.000		6	2	-1	qs,po
443.70	507.00	2	50	90	grey/green,mod se,loc mn ca,wkly pil-msv,loc mn amygs,tr qcs,WR E192434 @ 478.4',EOH.	344.00	347.00	3.00	J15320	0.002		10	0	-1	2" qcs
						347.00	507.00	160.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18687	4903.3	10476.06	10921.32	503	9/5/02	EZ Shot	NQ	S. Harding	S	Cgl	Hugh Pam

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488216.6	5373207	280.43	9/3/2002	9/5/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
207.00	162.4	-51				
307.00	162.9	-50.9				
503.00	159.6	-49.1				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Asp	Remarks
0.00	171.30	OB				0.00	171.30	171.30	NS	-1.000		-1	-1	-1	OB
171.30	200.00	2	40	95	green-grey/green,wk-mod ch,loc mn se,wkly pil-msv,loc mn amygs,tr qcs	171.30	362.50	191.20	NS	-1.000		-1	-1	-1	na
						362.50	367.50	5.00	J15321	0.001		-1	0	-1	na
200.00	223.50	2	40	90	lt grey/green,wk ch,tr-wk ak,tr qcs	367.50	370.50	3.00	J15322	0.001		-1	0	-1	cgl
223.50	233.00	2	40	5	approx 35% LC,blocky/broken core,mn gouge at cnts,wkly vuggy core	370.50	374.00	3.50	J15323	0.003		0	0	-1	cgl
						374.00	377.50	3.50	J15324	0.000		0	0	-1	cgl
233.00	259.50	2	40	75	lt grey/green-green,wk ch,mn ak,tr-1% qcs,WR E192435 @ 250.8'	377.50	381.00	3.50	J15325	0.000		0	0	-1	cgl
						381.00	386.00	5.00	J15326	0.000		2	0	-1	na
259.50	287.00	2		0	approx 70% LC,blocky/broken core,loc mn gouge,from 267-273': wk rust	386.00	503.00	117.00	NS	-1.000		-1	-1	-1	EOH.
287.00	316.00	2fe	50	0	approx 35% LC,blocky/broken core,loc mn gouge,gre/green,wk ch/se,wk lx,msv										
316.00	325.20	2	50	15	approx 20% LC,blocky/broken core,mn gouge at end,gre/green/brown,wk-mod se,WR E192436 @ 321.6'										
325.20	352.00	2	50	75	grey/brown/green,wk-mod se,wk ak,loc mn ch,wkly pil-msv,WR E192437 @ 333'										
352.00	367.50	2fe	50	85	grey/green/brown,wk-mod se,tr-wk ch,mod-str vfg lx,WR E192438 @ 361'										
367.50	381.00	5cgl	55	75	grey-grey/green,tr-wk se,tr tiny qcs/py										
381.00	434.00	5f	50	90	grey-dk grey,wkly bedded,tops down hole(south),tr tiny qcs										
434.00	443.00	5f	45	95	grey,msv,tr qcs										

Friday, January 24, 2003

Hole # : 18687

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FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
443.00	503.00	5f	45	80	grey-dk grey,wkly bedded,tops south,tr qcs,EOH.										

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18688	4989.45	10202.65	10918.86	507	9/10/02	EZ Shot	NQ	S. Harding	S	HughPamCgl	

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488242.7	5373123	279.68	9/5/2002	9/6/2002	Bradley Bros.	Hoyle Pond Mine Site

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
187.00	160.5	-52.9				
387.00	158.3	-51.1				
507.00	157.8	-50.6				

S. Harding

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	151.00	OB				0.00	151.00	151.00	NS	-1.000		-1	-1	-1	OB
151.00	309.20	5f	45	80	grey,wk slate beds,tops to south,1-2% qcs < 2" wide,tr ga in 2" qs @ 178.6',sm flts @ 156.7 & 169.6'	151.00	176.00	25.00	NS	-1.000		-1	-1	-1	na
309.20	312.20	QV	50	40	wkly bx wh QV,wk ca,tr-wk ch incl,30% gwk frags	176.00	178.00	2.00	J15327	0.000		-1	0	-1	na
312.20	313.70	5f	45	70	grey,3% qcs	178.00	179.00	1.00	J15328	0.000		-1	0	-1	2" qs
313.70	313.90	Flt		0	broken core/gouge	179.00	305.20	126.20	NS	-1.000		-1	-1	-1	na
313.90	316.00	5f	45	40	0.5' wkly bx wh QV at 55 deg tca w/ wk ca/tr cpy,15% qs/qcs	305.20	309.20	4.00	J15329	0.000		-1	0	-1	na
316.00	342.00	5f	45	10	blocky,loc mn flts/gouge,wkly bedded,tr qcs	309.20	312.20	3.00	J15330	0.000		95	0	-1	QV
342.00	480.00	5f	45	80	grey,wkly bedded,tops to south,tr-1% qs/qcs loc w/ se,sm flt @ 463'	312.20	316.00	3.80	J15331	0.000		15	0	-1	Qv
480.00	507.00	5f	50	95	grey,wk-mod bedded,tops to south,tr qcs,EOH.	316.00	320.00	4.00	J15332	0.000		-1	0	-1	na
						320.00	507.00	187.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18689	4633.9	10399.91	10924.07	506	9/22/02	EZ Shot	NQ	S. Harding	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488134.4	5373165	281.26	9/17/2002	9/18/2002	Bradley Bros.	Hoyle Pond Mine Site

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
266.00	162.2	-49.2				
506.00	160.1	-47.8				

Harding

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	230.70	OB			approx depth	0.00	230.70	230.70	NS	-1.000		-1	-1	-1	OB
230.70	285.00	FZ	50	10	approx 35% LC, blocky/broken core, loc mn gouge, grey/green, mn ca, wk-mod lx, tr qcs	230.70	291.00	60.30	NS	-1.000		-1	-1	-1	na
						291.00	292.00	1.00	J15397	0.000		-1	0	-1	3" qcs
285.00	332.00	2fe	50	95	grey/brown, tr-wk ca, mod-str lx, 2-3% qcs, 3" qcs @ 291.5'	292.00	332.00	40.00	NS	-1.000		-1	-1	-1	na
332.00	340.00	2fe	50	0	blocky, wk vugs, grey-grey/green, tr-wk ch, mn ca, 3" vuggy qs @ 332.5'	332.00	333.00	1.00	J15398	0.000		-1	0	-1	3" qs
						333.00	351.00	18.00	NS	-1.000		-1	-1	-1	na
340.00	348.00	2fe	50	70	grey/brown, loc mn ch/tr-wk ca, tr qcs	351.00	356.00	5.00	J15399	0.000		-1	0	-1	20% LC
348.00	358.60	5f	65	20	grey, mod slate beds, tr qcs, sm flt @ 355.8', approx 10% LC, broken core at lower cnt	356.00	358.60	2.60	J15400	0.000		-1	0	-1	na
						358.60	363.00	4.40	J15401	0.003		-1	0	-1	na
358.60	403.00	5cgl	50	95	grey-grey/brown, tr-wk se, polymictic, matrix supported, loc gwk beds, tr qcs, loc tr po	363.00	368.00	5.00	J15402	0.010		-1	0	-1	flat qcs
						368.00	373.00	5.00	J15403	0.001		-1	0	-1	na
403.00	403.80	QV	70	100	msv gy/wh QV, wk pk/wh cb, mn se, tr py/po	373.00	378.00	5.00	J15404	0.001		-1	0	-1	na
403.80	432.00	5cgl	55	95	grey/green/brown, tr-wk se, 3% qcs, tr py, loc tr po, 3.5" qcs @ 431', vuggy qcs w/ py at lower cnt	378.00	383.00	5.00	J15405	0.001		-1	0	-1	na
						383.00	388.00	5.00	J15406	0.000		-1	0	-1	na
432.00	488.70	5f	45	70	dk grey/green-grey, wk slate beds, tops to south, tr ca strgrs	388.00	393.00	5.00	J15407	0.000		-1	0	-1	na
488.70	489.30	QV	50	100	0.5' msv wh QCV, wk-mod ca, tr py/po	393.00	396.50	3.50	J15408	0.000		-1	0	-1	na
489.30	506.00	5f	55	90	dk grey/green, wk slate beds, 1% irr qcs, EOH.	396.50	399.50	3.00	J15409	0.005		-1	0	-1	na
						399.50	402.50	3.00	J15410	0.005		-1	0	-1	na
						402.50	404.00	1.50	J15411	0.032		55	1	-1	QV
						404.00	407.00	3.00	J15412	0.002		-1	0	-1	na
						407.00	411.00	4.00	J15413	0.002		-1	0	-1	na
						411.00	416.00	5.00	J15414	0.001		-1	0	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						416.00	420.00	4.00	J15415	0.001		-1	0	-1	1.5" qcs
						420.00	425.00	5.00	J15416	0.001		-1	0	-1	na
						425.00	430.00	5.00	J15417	0.000		-1	0	-1	na
						430.00	432.00	2.00	J15418	0.004		-1	1	-1	2 x qcs
						432.00	435.00	3.00	J15419	0.000		-1	0	-1	na
						435.00	440.00	5.00	J15420	0.001		-1	0	-1	na
						440.00	485.50	45.50	NS	-1.000		-1	-1	-1	na
						485.50	488.50	3.00	J15421	0.000		-1	0	-1	na
						488.50	489.50	1.00	J15422	0.002		55	0	-1	QCV
						489.50	492.50	3.00	J15423	0.000		-1	0	-1	na
						492.50	506.00	13.50	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Eastings	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18692	5184.4	10583.54	10927.06	507	9/22/02	EZ Shot	NQ	S. Harding	S	Hugh/Pam/Cgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488302.3	5373239	282.18	9/12/2002	9/13/2002	Bradley Bros.	Hoyle Pond Mine Site

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
147.00	162.9	-49.5				
317.00	160.6	-47.8				
507.00	159.5	-47.7				

Harding

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Asp	Remarks
0.00	114.00	OB				0.00	114.00	114.00	NS	-1.000		-1	-1	-1	OB
114.00	150.00	FZ	50	0	blocky/broken core, loc mn gouge, loc mn amygs, tr qcs	114.00	145.00	31.00	NS	-1.000		-1	-1	-1	na
150.00	167.00	FZ	60	0	approx 65% LC, blocky, grey, wk-mod c, mn se, tr qcs	145.00	150.00	5.00	J15386	0.000		-1	0	-1	blocky
167.00	188.70	FZ	60	0	approx 40% LC, blocky/broken core, loc mn gouge	150.00	167.00	17.00	J15387	0.002		-1	0	-1	65% LC
188.70	193.80	Sf	30	10	blocky, grey, mod slate beds, tr-1% qcs	167.00	172.00	5.00	J15388	0.000		-1	0	-1	40% LC
193.80	195.00	FZ	30	0	blocky/broken core, wk gouge at cnts, mn rust	172.00	455.40	283.40	NS	-1.000		-1	-1	-1	na
195.00	285.00	Sf	30	75	grey, wk slate beds, tops to south, tr qcs, blocky in top 3'	455.40	460.40	5.00	J15389	0.000		-1	0	-1	na
285.00	285.20	Flt	50	0	gouge/broken core	460.40	463.40	3.00	J15390	0.000		-1	0	-1	na
285.20	324.60	Sf	40	90	grey-dk grey, wk slate beds, tr qcs	463.40	465.40	2.00	J15391	0.000		100	0	-1	QV
324.60	325.30	FZ	50	0	blocky/broken core, wk gouge	465.40	468.40	3.00	J15392	0.000		-1	0	-1	na
325.30	402.00	Sf	50	70	grey, wk-mod slate beds, tops to south, 1-2% qcs < 2" wide predom parallel to bedding, loc w/ tr py	468.40	471.40	3.00	J15393	0.000		-1	0	-1	na
402.00	463.40	Sf	45	85	grey, wk-mod slate beds, tr-1% qcs, mn faulting from 404-407'	471.40	474.40	3.00	J15394	0.000		-1	0	-1	na
463.40	465.40	QV	50	50	bx wh QV, tr-wk ca, mn se, 25% gwk frags, tr py/cpy	474.40	477.40	3.00	J15395	0.000		-1	0	-1	na
465.40	482.00	Sf	50	60	7% qcs/qs < 2" wide from 60-80 deg tca, loc w/ py, tr ga in 0.5" qcs @ 476.2'	477.40	482.40	5.00	J15396	0.000		-1	0	-1	na
482.00	507.00	Sf	50	95	grey, wk slate beds, tops to south, tr-1% qcs, EOH.	482.40	507.00	24.60	NS	-1.000		-1	-1	-1	EOH.

18692

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
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Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18693	5276.58	10300.9	10925.82	507	9/22/02	EZ Shot	NQ	S. Harding	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488330.2	5373153	281.8	9/13/2002	9/17/2002	Bradley Bros.	Hoyle Pond Mine Site

Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
187.00	162.4	-50.1				
505.00	161.4	-49.4				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	151.60	OB				0.00	151.50	151.60	NS	-1.000		-1	-1	-1	OB
151.60	210.00	5f	40	60	grey,wk slate beds,mn rusty frags,tops to south,blocky in lower 7',sm flt @ 180.3'	151.50	259.50	108.00	NS	-1.000		-1	-1	-1	na
						259.50	263.50	4.00	J15367	0.001		-1	0	-1	na
210.00	216.00	FZ		0	approx 35% LC,blocky/broken core,loc mn gouge,gre/green,mn rust	263.50	267.50	4.00	J15368	0.000		-1	-1	-1	na
						267.50	271.50	4.00	J15369	0.000		-1	0	-1	na
216.00	259.50	5f	45	80	grey,wk slate beds,tr qcs	271.50	273.70	2.20	J15370	0.000		95	0	-1	QV
259.50	271.50	5f	45	80	grey,5% qcs up to 2.5" wide loc w/ tr py/ch incl	273.70	277.70	4.00	J15371	0.000		-1	0	-1	na
271.50	273.70	QV	55	70	bx wh QV,wk ca/ch incl,25% wk se gwk frags,tr py	277.70	281.40	3.70	J15372	0.000		-1	0	-1	na
273.70	284.40	5f	45	70	grey,6% qcs up to 4" wide,tr py	281.40	284.40	3.00	J15373	0.000		-1	0	-1	3.5" qcs
284.40	285.60	QV	60	100	bx wh QV,wk ca,wk-mod ch incl,tr py	284.40	285.60	1.20	J15374	0.000		90	0	-1	QV
285.60	350.00	5f	40	85	grey,wk slate beds,tops south,tr-1% qcs	285.60	287.60	2.00	J15375	0.000		-1	0	-1	3" qcs
350.00	366.00	5f	50	30	blocky,sm flts @ 354 & 355'	287.60	292.60	5.00	J15376	0.000		-1	0	-1	na
366.00	378.00	5f	45	90	grey,tr-1% qcs	292.60	332.00	39.40	NS	-1.000		-1	-1	-1	na
						332.00	334.00	2.00	J15377	0.000		-1	0	-1	2 x qcs
378.00	384.00	FZ	45	0	blocky,gouge/broken core at margins	334.00	423.30	89.30	NS	-1.000		-1	-1	-1	na
						423.30	428.30	5.00	J15378	0.000		-1	0	-1	na
384.00	430.30	5f	45	80	grey,wk slate beds,tops to south,tr qcs	428.30	430.30	2.00	J15379	0.000		-1	0	-1	na
430.30	436.00	QV	40	35	blocky,bx wh QV,wk ca,mn ch/se,20% gwk frags,tr py	430.30	433.00	2.70	J15380	0.000		95	0	-1	QV
436.00	507.00	5f	40	80	grey,wkly bedded,tr-1% qcs,loc tr po,sm flt @ 506.4',EOH.	433.00	436.00	3.00	J15381	0.000		100	0	-1	QV
						436.00	438.50	2.50	J15382	0.000		-1	0	-1	na
						438.50	440.50	2.00	J15383	0.000		-1	0	-1	2 x qcs
						440.50	445.50	5.00	J15384	0.000		-1	0	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						445.50	463.00	17.50	NS	-1.000		-1	-1	-1	na
						463.00	466.00	3.00	J15385	0.000		-1	0	-1	na
						466.00	507.00	41.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18694	5404.64	10875.07	10933.24	507	9/12/02	EZ Shot	NQ	S. Harding	S	I HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488369.5	5373328	284.06	9/10/2002	9/12/2002	Bradley Bros.	Hoyle Pond Mine Site

S. Harding

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
127.00	158.4	-50.4				
327.00	158.7	-49.5				
507.00	158.6	-48.5				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	92.00	OB				0.00	507.00		NS	-1.000		-f	-l	-l	na
92.00	205.00	2	60	95	green-grey/green,2-3% ca strgrs/fracs,tr qcs										
205.00	206.00	Flt		0	approx 80% LC,broken core/gouge										
206.00	230.00	2	55	95	grey/green-green,wk-mod ch,tr-wk ca,3-5% ca strgrs/fracs,tr qcs										
230.00	259.00	2	55	100	grey-grey/green,tr-wk ak,wk ca strgrs/fracs										
259.00	349.00	2	60	95	green,loc tr-wk ca,wkly pil-msv,1-2% qcs/ca strgrs,loc tr po										
349.00	379.00	2	60	95	grey-grey/green,wk-mod se,tr-wk ch,loc mn ca,wkly pil-msv,loc wk amygs,tr qcs,loc tr po/cpy										
379.00	394.50	2	60	95	green,loc mn ca,wkly pil-msv,tr-1% qcs										
394.50	405.80	2fe	60	95	green-grey/green,wk-mod ch,mod vfg lx,loc mn ca,tr-1% qcs										
405.80	409.60	2	60	75	grey,loc wk ch,tr qcs,										
409.60	479.20	5f	45	90	grey,wkly bedded-msv,tops to south,tr qcs										
479.20	494.00	FZ	45	0	blocky/broken core,loc mn gouge,tr-1% qcs										
494.00	507.00	5f	45	90	grey,wkly bedded-msv,tops to south,tr ca strgrs,E.O.H.										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
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Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18690	4712	10101.4	10918.82	507	9/29/2002	EZ Shot	NQ	G. Spyrtos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P14597	488158.1	5373093	279.67	9/19/2002	9/20/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
137.00	159.9	-49.4				
337.00	159.7	-49.1				
487.00	159.6	-48.8				

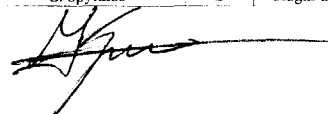
FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	124.50	OB				0.00	124.50	124.50	NS	-1.000		-1	-1	-1	OB
124.50	204.40	5f	60	70	Grey to dark grey, Fg, 10-20% arg beds @ 50-70 tca, Loc blocky sections, Tr qcs, Tr py	124.50	332.00	207.50	NS	-1.000		-1	-1	-1	na
						332.00	337.00	5.00	J15424	0.001		-1	-1	-1	90% RQI
204.40	250.50	5f	70	95	Grey to dark grey, Fg, 5-10% arg beds @ 60-70 tca, Tr qcs, Tr py	337.00	342.00	5.00	J15425	0.000		-1	0	-1	qcv(dol) @ 4'
						342.00	347.00	5.00	J15426	0.000		-1	0	-1	qcv @ 70 t
250.50	254.50	5f	70	50	Grey to dark grey, Fg, Tr arg beds, Blocky core, Tr qcs, Tr py	347.00	352.00	5.00	J15427	0.000		-1	0	-1	qcv(dol) @ 5'
						352.00	357.00	5.00	J15428	0.000		-1	0	-1	qcs @ 60 t
254.50	337.00	5f	45	95	Grey to dark grey, Fg, 10-20% arg beds @ 50-60 tca, Tr qcs, Tr py	357.00	362.00	5.00	J15429	0.000		-1	0	-1	na
						362.00	367.00	5.00	J15430	0.000		-1	0	-1	na
337.00	377.00	5f	50	90	Grey, Fg, 10-20% arg beds @ 40-50 tca, Loc blocky sections, 5-10% qcv's, Tr to min py	367.00	372.00	5.00	J15431	0.000		-1	-1	-1	qcs's @ 80 t
						372.00	377.00	5.00	J15432	0.000		-1	0	-1	qcv @ 80 t
377.00	404.00	5f	60	100	Grey to dark grey, Fg, 10-30% arg beds @ 50-60 tca, No qcs, Tr py	377.00	382.00	5.00	J15433	0.000		-1	0	-1	na
						382.00	399.00	17.00	NS	-1.000		-1	-1	-1	na
404.00	434.00	5f	70	60	Grey, Fg, 10-20% arg beds @ 40-50 tca. Blocky core, 10-20% qcv's, Tr to min py	399.00	404.00	5.00	J15434	0.001		-1	0	-1	na
						404.00	407.00	3.00	J15435	0.002		-1	0	-1	kn @ 30 tca. 60'
434.00	507.00	5f		95	Grey to dark grey, Fg, 10-20% arg beds @ 60-70 tca, Rare qcs's, Tr to min py, EOH.	407.00	412.00	5.00	J15436	0.000		-1	0	-1	kn @ 40 tca. 90'
						412.00	417.00	5.00	J15437	0.000		-1	-1	-1	60% RQI
						417.00	421.00	4.00	J15438	0.000		-1	0	-1	30% RQI
						421.00	426.00	5.00	J15439	0.000		-1	0	-1	80% RQI
						426.00	431.00	5.00	J15440	0.000		-1	0	-1	80% RQI
						431.00	434.00	3.00	J15441	0.000		-1	0	-1	kn @ 60 tca. 70'

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						434.00	438.00	4.00	J15442	0.000		-1	0	-1	na
						438.00	442.00	4.00	J15443	0.000		-1	-1	-1	qcv's @ 30-40
						442.00	447.00	5.00	J15444	0.000		-1	-1	-1	90% RQF
						447.00	507.00	60.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18691	4442.03	9998.28	10931.37	505	9/29/2002	EZ Shot	NQ	G. Spyrtos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13087	488075.8	5373061	283.5	9/22/2002	9/23/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
197.00	161.3	-49.3				
397.00	158.2	-47.1				
485.00	158	-46.4				

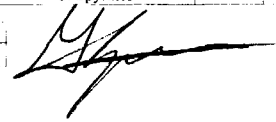
FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	185.50	OB				0.00	185.50	185.50	NS	-1.000		-1	-1	-1	OB
185.50	187.50	5f		60	Greenish grey, Fg, Massive, Blocky, No qs's, No sul's	185.50	187.50	2.00	J15445	0.000		-1	-1	-1	60% RQI
187.50	192.00	5cgl		5	Pale grey-green, Common rounded clasts, Blocky core, No qs's, Tr py	187.50	192.00	4.50	J15446	0.001		-1	-1	-1	5% RQD
					Lost core	192.00	197.00	5.00	NS	-1.000		-1	-1	-1	Lost core
192.00	197.00	LC			Lost core	197.00	201.50	4.50	J15447	0.004		2	-1	-1	10% RQI
197.00	201.50	5cgl	40	10	Pale grey-green, Common rounded clasts, Blocky core, 2% qs's, Tr py	201.50	207.00	5.50	J15448	0.001		-1	-1	-1	70% RQI
					Massive greywacke with a 5" cgl incl at 203.5ft, Blocky core	207.00	212.00	5.00	J15449	0.001		-1	-1	-1	10% RQI
201.50	207.00	5f		70	Massive greywacke with a 5" cgl incl at 203.5ft, Blocky core	212.00	217.00	5.00	NS	-1.000		-1	-1	-1	Lost core
					Lost core	217.00	222.00	5.00	J15450	0.000		-1	0	-1	70% RQI
207.00	212.00	5cgl		10	Pale grey-green, Common rounded clasts, Blocky core, No qs's, Tr py	222.00	227.00	5.00	J15451	0.000		-1	-1	-1	30% RQI
					Lost core	227.00	287.00	60.00	NS	-1.000		-1	-1	-1	na
212.00	217.00	LC			Lost core	287.00	292.00	5.00	J15452	0.000		-1	-1	-1	60% RQI
217.00	381.00	5f	70	60	Grey, Fg, 10-20% arg beds @ 30-50 tca, Loc blocky sections, Rare qcs's, Tr py	292.00	297.00	5.00	J15453	0.001		-1	0	-1	qcs @ 20, 60%
						297.00	302.00	5.00	J15454	0.000		-1	0	-1	80% RQI
381.00	407.00	5f	40	90	Grey, Fg, 10-20% arg beds @ 60-70 tca, 5% qcs's, Tr py	302.00	307.00	5.00	J15455	0.000		-1	0	-1	qcs's @ 50-80
407.00	412.00	Qv	40	100	Irregular QCV with 25% greywacke inclusions, Tr py	307.00	312.00	5.00	J15456	0.000		-1	-1	-1	70% RQI
412.00	438.00	5f	50	90	Grey, Fg, 10% arg beds @ 50 tca, No qcs's, Tr py	312.00	376.00	64.00	NS	-1.000		-1	-1	-1	na
438.00	452.00	5f	50	70	Grey, Fg, 10-20% arg beds @ 40-50 tca, Blocky core, Tr qcs's, Tr py	376.00	381.00	5.00	J15457	0.000		-1	-1	-1	90% RQI
						381.00	384.00	3.00	J15458	0.000		-1	-1	-1	qcv @ 70 t
452.00	453.50	FZ	50	5	Blocky and gougy core	384.00	387.00	3.00	J15459	0.000		-1	-1	-1	1" go @ 60
						387.00	392.00	5.00	J15460	0.000		-1	-1	-1	qcv @ 40 t

	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
	5f	50	60	Grey, Fg, 10% arg beds @ 50 tca, Blocky core, 2-5% irr qcs's, Tr py	392.00	397.00	5.00	J15461	0.019	-1	-1	-1	-1	qcs @ 30 ft
					397.00	402.00	5.00	J15462	0.001	-1	-1	-1	-1	80% RQI
13.00	5f	50	90	Grey, Fg, 10-20% arg beds @ 40-50 tca, 1-3% irr qcs's, Tr py	402.00	407.00	5.00	J15463	0.000	-1	-1	-1	-1	90% RQI
					407.00	412.00	5.00	J15464	0.000	-1	-1	-1	-1	QCV @ 40
494.50	FZ	50	0	Blocky and gougy core	412.00	417.00	5.00	J15465	0.000	-1	-1	-1	-1	80% RQI
494.50	5f		70	Grey, Fg, 10% arg beds @ 50 tca, Blocky core, 2% qcs's, Tr py, EOH.	417.00	505.00	88.00	NS	-1.000	-1	-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18695	999.27	8355.9	10963.27	507	10/3/2002	EZ Shot	NQ	G. Spyrtos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13090	487026.3	5372562	293.6	9/24/2002	9/25/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
57.00	164.7	-49.9				
257.00	165.2	-49.1				
487.00	164.4	-48.4				

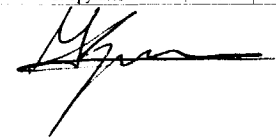
FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Asp	Remarks
0.00	43.50	OB				0.00	43.50	43.50	NS	-1.000		-1	-1	-1	OB
43.50	67.90	2	60	100	Pale green, Fg, Occ pillows, Rare amy's, Wkly bl, Tr qs's, Tr py	43.50	350.00	306.50	NS	-1.000		-1	-1	-1	na
67.90	119.80	2	70	95	Pale green, Fg, Massive, Wkly bl, Tr qs's, Tr py	350.00	355.00	5.00	J15466	0.000		-1	-1	-1	60% RQI
119.80	137.00	2	45	Blocky core, Pale green, Fg, Wkly bx'd, Wkly bl, No qs's, Tr py	355.00	360.60	5.60	J15467	0.000		-1	-1	-1	85% RQI	
137.00	227.20	2	45	100	Pale green, Fg, Massive, Loc ca filled frc's, Patchy se altn, Tr qs's, Tr py	360.60	365.00	4.40	J15468	0.000		-1	-1	-1	na
227.20	228.70	2	15	100	Pale green, Fg, Pillowed, Wkly bl, Tr py	365.00	370.00	5.00	J15469	0.000		-1	0	-1	qcv's @ 50 & 1
228.70	314.30	2	50	100	Pale green, Fg, Massive, Loc ca filled frc's, Patchy se altn, Tr qs's, Tr py	370.00	375.00	5.00	J15470	0.000		-1	0	-1	qcs @ 70 tr
314.30	320.00	5a	50	40	Blocky & crumbly core, Dark grey to black, Fg, Bedding @ 40-50 tca, Tr py	375.00	376.60	1.60	J15471	0.002		-1	0	-1	qcv @ 40 tr
320.00	323.80	LC			Lost core	376.60	381.50	4.90	J15472	0.008		-1	-1	-1	qcv @ 40 tr
323.80	343.60	5a	45	60	Blocky core, Dark grey to black, Fg, Bedding @ 40-50 tca, Tr py	381.50	385.00	3.50	J15473	0.000		-1	-1	-1	na
343.60	360.60	5f	55	70	Blocky core, Grey to dark grey, Fg, 10-20% arg beds @ 50-60 tca, No qs's, Tr py	385.00	390.00	5.00	J15474	0.000		-1	-1	-1	na
360.60	381.50	5cgl	50	100	Pale grey-green, Locy stretched clasts @ 50 tca, 10-15% qcv's, Tr to min py, Tr po locy	390.00	507.00	117.00	NS	-1.000		-1	-1	-1	EOH.
381.50	397.50	5f	50	100	Grey, Fg, Massive, No qs's, Tr py										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
397.50	410.00	5f	50	95	Grey to dark grey, Fg, 10% arg beds @ 40-60 tca, Tr qs's, Tr py										
410.00	417.00	5a	30	50	Blocky core, Dark grey to black, Fg, Bedding @ 40-50 tca, Tr py										
417.00	507.00	5f		90	Grey to dark grey, Fg, 10-30% arg beds @ 30-50 tca, Tr qs's, Tr py, EOH.										

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18696	1091.32	8059.97	10963.36	507	10/3/2002	EZ Shot	NQ	G. Spyrtos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13090	487054.2	5372472	293.24	9/25/2002	9/26/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
87.00	159.9	-50.8				
287.00	159.5	-50				
487.00	159.5	-49.2				

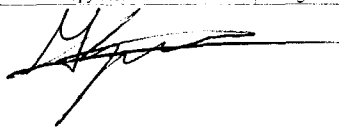
FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	73.50	OB				0.00	73.50	73.50	NS	-1.000		-1	-1	-1	OB
73.50	100.30	5f	20	95	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr py	73.50	90.00	16.50	NS	-1.000		-1	-1	-1	na
100.30	103.50	5f	50	100	35% irregular qcv's in greywacke/arg, Min py, Min po	90.00	95.00	5.00	J15475	0.000		-1	-1	-1	qcs @ 50 t
103.50	113.00	5f	50	100	Grey, Fg, 30% arg beds @ 40-50 tca, No qs's, Tr py	95.00	100.30	5.30	J15476	0.000		-1	-1	-1	na
113.00	128.00	5f	50	70	Blocky core, Grey, Fg, 20-30% arg beds @ 50 tca, No qs's, Tr py	100.30	103.50	3.20	J15477	0.000		-1	0	-1	Vng @ 50 t
128.00	185.50	5f	50	90	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr py	103.50	108.00	4.50	J15478	0.000		-1	-1	-1	na
185.50	208.00	5f	50	100	Grey, Fg, 10-30% arg beds @ 40-50 tca, Loc qcv's & stringers, Min py, Tr to min po locy	108.00	113.00	5.00	J15479	0.000		-1	-1	-1	na
208.00	209.00	QV	30	100	QCV @ 40 tca	113.00	175.00	62.00	NS	-1.000		-1	-1	-1	na
209.00	226.00	5f	50	75	Blocky core, Grey, Fg, 20-30% arg beds @ 30-40 tca, Loc qcv's & stringers, Min py	175.00	180.00	5.00	J15480	0.000		-1	-1	-1	80% RQI
226.00	507.00	5f		90	Grey, Fg, 10-30% arg beds @ 40-50 tca, Rare qcs's, Tr to min py, EOH.	180.00	185.50	5.50	J15481	0.000		-1	0	-1	qcs @ 20 t
						185.50	190.00	4.50	J15482	0.000		-1	0	-1	qcv @ 40 t
						190.00	195.00	5.00	J15483	0.000		-1	0	-1	qcs's @ 60-80
						195.00	200.00	5.00	J15484	0.000		-1	0	-1	na
						200.00	205.00	5.00	J15485	0.000		-1	0	-1	na
						205.00	208.00	3.00	J15486	0.000		-1	0	-1	qcs's @ 40-50
						208.00	209.00	1.00	J15487	0.000		-1	-1	-1	QCV @ 40
						209.00	214.00	5.00	J15488	0.000		-1	0	-1	90% RQI
						214.00	219.00	5.00	J15489	0.000		-1	0	-1	90% RQI
						219.00	222.50	3.50	J15490	0.000		-1	0	-1	Bxd qcv's
						222.50	226.00	3.50	J15491	0.000		-1	0	-1	70% RQI
						226.00	231.00	5.00	J15492	0.000		-1	-1	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						231.00	507.00	276.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18697	619.6	8042.64	10962.86	503	10/6/2002	EZ Shot	NQ	G Spyratos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13090	486910.4	5372467	293.09	9/26/2002	9/27/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
107.00	165.7	-50.8				
307.00	166.2	-50.3				
482.00	165.1	-49.7				

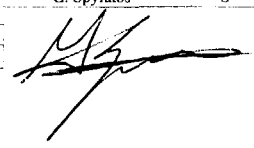
FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	92.70	OB				0.00	92.70	92.70	NS	-1.000		-1	-1	-1	OB
92.70	174.00	2	30	95	Pale green, Fg to mg, Massive, Wkly bl, Rare qcs's, Tr py	92.70	253.00	160.30	NS	-1.000		-1	-1	-1	na
174.00	185.80	2	50	90	Pale green, Fg, Rare pillows, Occ amy's, Wkly bl, No qs's, Tr py	253.00	258.00	5.00	J15493	0.001		-1	-1	-1	na
						258.00	262.50	4.50	J15494	0.000		-1	-1	-1	90% RQI
185.80	203.40	2	65	100	Pale green, Fg to mg, Massive, Wkly bl, Tr qcs's, Tr py	262.50	264.80	2.30	J15495	0.000		-1	0	-1	na
203.40	234.20	2	45	95	Green, Fg to mg, Wkly flt'd @ 50-60 tca, Tr qcs's, Tr py, Lower cnt defined by 1" go @ 45 tca	264.80	270.00	5.20	J15496	0.000		-1	-1	-1	qcv @ 50 tca
						270.00	275.00	5.00	J15497	0.000		-1	-1	-1	na
234.20	262.50	2	50	90	Green, Fg, Loc amy's, Wkly flt'd @ 50-60 tca, Wkly bx'd locy, Frc'd, No qs's, Tr py	275.00	280.00	5.00	J15498	0.000		-1	-1	-1	na
						280.00	283.30	3.30	J15499	0.000		-1	-1	-1	na
262.50	264.80	Scgl	45	100	Grey-green, Common stretched clasts @ 50 tca, 4" arg incl, No qs's, Min py	283.30	287.00	3.70	J15500	0.000		-1	0	-1	na
						287.00	292.00	5.00	J15501	0.000		-1	0	-1	na
264.80	283.30	5a	50	100	Dark grey to black, Fg, Bedding @ 45-60 tca, Tr qs's, Tr py	292.00	297.00	5.00	J15502	0.000		1	0	-1	qs @ 50 tca
						297.00	302.00	5.00	J15503	0.000		-1	0	-1	na
283.30	354.60	Scgl	60	100	Pale grey-green, Common clasts of diff compositions, Tr qs's, Min py, Min po locy	302.00	307.00	5.00	J15504	0.000		-1	0	-1	na
						307.00	312.00	5.00	J15505	0.000		-1	0	-1	na
354.60	503.00	Sf		90	Grey, Fg, 10-20% arg beds @ 40-50 tca, Tr qs's, Tr to min py, EOH.	312.00	317.00	5.00	J15506	0.000		1	0	-1	qs @ 40 tca
						317.00	322.00	5.00	J15507	0.000		-1	0	-1	na
						322.00	327.00	5.00	J15508	0.000		-1	0	-1	na
						327.00	332.00	5.00	J15509	0.000		-1	0	-1	na
						332.00	337.00	5.00	J15510	0.000		-1	0	-1	na
						337.00	342.00	5.00	J15511	0.001		-1	0	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						342.00	347.00	5.00	J15512	0.001		-1	0	-1	na
						347.00	351.00	4.00	J15513	0.005		-1	0	-1	na
						351.00	354.60	3.60	J15514	0.004		-1	0	-1	na
						354.60	359.00	4.40	J15515	0.000		-1	-1	-1	na
						359.00	364.00	5.00	J15516	0.000		-1	-1	-1	na
						364.00	503.00	139.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18698	691.23	7761.12	10966.9	507	10/6/2002	EZ Shot	NQ	G. Spyrtatos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13090	486932.1	5372381	294.32	9/30/2002	10/1/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
67.00	162.8	-49.2				
267.00	164.1	-48.6				
487.00	166.2	-47.6				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	44.00	OB				0.00	44.00	44.00	NS	-1.000		-1	-1	-1	OB
44.00	181.00	5f	60	95	Grey, Fg, 10-20% arg beds @ 40-50 tca, Tr qs's, Tr to min py	44.00	172.00	128.00	NS	-1.000		-1	-1	-1	na
181.00	182.00	QV	60	100	70% bx'd and irr qc vng @ 60 tca in greywacke/arg, 0.5% py	172.00	177.00	5.00	J15517	0.000		-1	0	-1	qcs @ 70 t
182.00	240.00	5f	65	100	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr to min py	177.00	181.00	4.00	J15518	0.000		-1	0	-1	na
240.00	241.00	QV	65	100	50% qcv @ 65 tca in greywacke/arg, Min py	181.00	182.00	1.00	J15519	0.000		-1	1	-1	qcv @ 60 t
241.00	262.20	5f	50	100	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr to min py	182.00	187.00	5.00	J15520	0.000		-1	0	-1	qcs @ 60 t
262.20	278.00	5f	45	100	Grey, Fg, 10-20% arg beds @ 40-50 tca, 5-10% qcs's, Min py	187.00	192.00	5.00	J15521	0.000		-1	0	-1	na
278.00	411.50	5f	40	90	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr to min py	240.00	230.00	38.00	NS	-1.000		-1	-1	-1	na
411.50	412.50	QV	50	100	60% qcv @ 45 tca in greywacke/arg, 0.5% py	230.00	235.00	5.00	J15522	0.000		-1	0	-1	na
412.50	507.00	5f		90	Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr to min py, EOH.	235.00	240.00	5.00	J15523	0.000		-1	0	-1	na
						240.00	241.00	1.00	J15524	0.041		-1	0	-1	qcv @ 65 t
						241.00	246.00	5.00	J15525	0.000		-1	0	-1	qcs @ 60 t
						246.00	251.00	5.00	J15526	0.000		-1	0	-1	qcs @ 50 t
						251.00	256.00	5.00	J15527	0.000		-1	0	-1	na
						256.00	259.00	3.00	J15528	0.000		-1	-1	-1	na
						259.00	262.20	3.20	J15529	0.000		-1	-1	-1	na
						262.20	267.00	4.80	J15530	0.000		-1	0	-1	qcs's @ 50-60
						267.00	271.00	4.00	J15531	0.000		-1	0	-1	qcs's @ 40-60
						271.00	274.50	3.50	J15532	0.000		-1	0	-1	qcs's @ 40-60
						274.50	276.00	1.50	J15533	0.000		-1	0	-1	qcv's @ 60-70
						276.00	278.00	2.00	J15534	0.000		-1	0	-1	na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						278.00	283.00	5.00	J15535	0.000		-1	0	-1	na
						283.00	288.00	5.00	J15536	0.000		1	-1	-1	qs @ 50 tc
						288.00	402.00	114.00	NS	-1.000		-1	-1	-1	na
						402.00	407.00	5.00	J15537	0.000		-1	0	-1	80% RQI
						407.00	411.50	4.50	J15538	0.000		4	0	-1	70% RQI
						411.50	412.50	1.00	J15539	0.000		-1	1	-1	qcv @ 45 t
						412.50	417.00	4.50	J15540	0.000		6	0	-1	70% RQI
						417.00	422.00	5.00	J15541	0.000		-1	0	-1	na
						422.00	507.00	85.00	NS	-1.000		-1	-1	-1	EOH.

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18699	-171.78	7427.5	10967.78	507	10/6/2002	EZ Shot	NQ	G. Spyrtos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P12743	486669.1	5372280	294.59	10/1/2002	10/2/2002	Bradley Bros.	Hoyle Pond Minc Site

DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
37.00	163.8	-48.1				
237.00	166.2	-48.7				
480.00	169.3	-48.8				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	23.70	OB				0.00	23.70	23.70	NS	-1.000		-1	-1	-1	OB
23.70	38.00	2		100	Pale green, Fg, Occ pillows, Loc amy's, Wkly bl, No qs's, Tr py	23.70	507.00	483.30	NS	-1.000		-1	-1	-1	EOH.
38.00	40.50	2	55	10	Blocky & vuggy conc, Pale green, Fg, Occ pillows, Wkly bl, No qs's, Tr py										
40.50	137.30	2	70	95	Pale green, Fg to mg, Massive, Wkly bl, Occ qcs's, Tr py										
137.30	235.50	2	60	90	Green, Fg to mg, Massive, Tr qcs's, Tr py										
235.50	323.20	2	50	95	Pale green, Fg, Pillowed, Loc amy's, Wkly bl, Tr qcs's, Tr py										
323.20	368.70	2	40	95	Pale green, Fg, Massive, Wkly bl, Tr qcs's, Tr py										
368.70	413.50	2	65	100	Green, Fg, Massive, No qcs's, Tr py										
413.50	430.00	2	40	80	Green, Fg, Occ pillows, Loc amy's, Wkly Flt'd @ 60-70 tca, No qs's, Tr py										
430.00	450.70	5f	60	85	Grey, Fg, 10-30% arg beds @ 40-60 tca, No qs's, Tr py										
450.70	479.30	2	50	80	Green, Fg, Massive, Loc qcs's, Tr py										
479.30	507.00	5f		90	Grey, Fg, 10-30% arg beds @ 30-40 tca, Tr qs's, Tr py, EOH.										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
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Friday, January 24, 2003

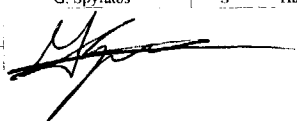
Hole #: 18699

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Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18700	-68.9	7149.31	10968.02	507	10/13/2002	EZ Shot	NQ	G. Spyratos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P13095	486700.3	5372195	294.66	10/3/2002	10/4/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
87.00	161.5	-49.8				
287.00	162.5	-48.6				
487.00	165.4	-47.9				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	74.00	OB				0.00	74.00	74.00	NS	-1.000	-1	-1	-1		OB
74.00	359.00	5f	60	90	Grey, Fg, 10-20% arg beds @ 30-40 tca, Rare qs's, Tr to min py	74.00	92.00	18.00	NS	-1.000	-1	-1	-1		na
						92.00	97.00	5.00	J15542	0.001	-1	-1	-1		na
359.00	379.00	5f	60	95	Grey, Fg, 15% arg beds @ 30-40 tca, 15% qcv's, Min py	97.00	102.00	5.00	J15543	0.001	12	-1	-1	-1	qcv's @ 50-60
379.00	444.00	5f		95	Grey, Fg, 15% arg beds @ 40-50 tca, Rare qs's, Tr to min py	102.00	107.00	5.00	J15544	0.000	-1	-1	-1		na
						107.00	112.00	5.00	J15545	0.001	-1	-1	-1		na
444.00	447.00	LC			Lost core	112.00	347.00	235.00	NS	-1.000	-1	-1	-1		na
447.00	507.00	5f		70	Blocky core, Grey, Fg, 10-20% arg beds @ 40-50 tca, Tr qs's, Tr to min py, EOH.	347.00	352.00	5.00	J15546	0.000	-1	-1	-1		Irr qcv
						352.00	356.00	4.00	J15547	0.000	-1	0	-1		Irr qcv
						356.00	359.00	3.00	J15548	0.000	-1	-1	-1		na
						359.00	363.00	4.00	J15549	0.000	-1	0	-1	-1	QCv's @ 50-60
						363.00	367.00	4.00	J15550	0.000	-1	0	-1	-1	qcs's @ 40-50
						367.00	371.00	4.00	J15551	0.000	-1	0	-1	-1	qcs's @ 70 t
						371.00	376.00	5.00	J15552	0.000	-1	0	-1	-1	qcs's @ 60-70
						376.00	379.00	3.00	J15553	0.001	-1	0	-1	-1	qcs's @ 70 t
						379.00	382.00	3.00	J15554	0.000	-1	0	-1		na
						382.00	387.00	5.00	J15555	0.000	-1	0	-1		na
						387.00	401.00	14.00	NS	-1.000	-1	-1	-1		na
						401.00	406.00	5.00	J15556	0.000	-1	0	-1		qcs @ 50 t
						406.00	409.00	3.00	J15557	0.000	-1	0	-1		qcv @ 50 t
						409.00	414.00	5.00	J15558	0.000	-1	0	-1		na

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						414.00	507.00	93.00	NS	-1.000		-1	-1	-1	EOH.

Friday, January 24, 2003

Hole #: 18700

Page 2 of 2

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18800	-930.83	6839.39	10971.83	507	10/13/2002	EZ Shot	NQ	G. Spyratos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P12805	486437.5	5372101	296.21	10/4/2002	10/7/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
27.00	161.7	-49.4				
227.00	163.8	-49.1				
487.00	163.4	-48.6				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	14.30	OB				0.00	14.30	14.30	NS	-1.000		-1	-1	-1	OB
14.30	22.50	2	60	100	Pale green, Fg, Pillowed, Loc amy's, No qs's, Min py, 0.5% po	14.30	291.00	276.70	NS	-1.000		-1	-1	-1	na
						291.00	296.00	5.00	J15559	0.000		-1	-1	-1	na
22.50	281.00	2	50	100	Green, Fg, Massive, Tr qcs's, Tr to min py	296.00	300.30	4.30	J15560	0.000		-1	-1	-1	qcv's @ 30-50
281.00	300.30	2	40	100	Green, Fg, Occ amy's, Frc'd, 8% qcv's, Tr py, Up to 0.5% po	300.30	305.30	5.00	J15561	0.001		-1	-1	-1	QCV @ 55
						305.30	310.00	4.70	J15562	0.000		-1	-1	-1	na
300.30	305.30	QV	70	100	80% QCV @ 55 tca in amygdaloidal mafic volcanic	310.00	315.00	5.00	J15563	0.000		-1	-1	-1	qcs's @ 50 t
305.30	330.00	2	80	95	Green, Fg, Massive, Common ca filled frc's & vng, Occ qcs's, Tr py	315.00	320.00	5.00	J15564	0.000		-1	-1	-1	qcs @ 50 t
						320.00	325.00	5.00	J15565	0.000		-1	-1	-1	qcs's @ 40-50
330.00	331.00	QV	80	100	Brecciated do/tmn/qz vein @ 80 tca	325.00	330.00	5.00	J15566	0.000		-1	-1	-1	na
331.00	343.00	2	50	100	Green, Fg, Massive, Common wispy ca, Occ qcs's, Tr py	330.00	331.00	1.00	J15567	0.000		-1	-1	-1	-1 do/tr/qz vn @
343.00	345.00	5cgl	45	100	Grey-green, Common stretched clasts @ 50 tca, No qs's, Tr py, 1% po	331.00	335.00	4.00	J15568	0.000		-1	-1	-1	na
						335.00	340.00	5.00	J15569	0.000		-1	-1	-1	qcs @ 50 t
345.00	385.00	5f		50	Blocky core, Grey, Fg, 10-20% arg beds @ 50-60 tca, Rare qs's, Tr to min py	340.00	343.00	3.00	J15570	0.000		-1	-1	-1	qcs's @ 50 t
						343.00	345.00	2.00	J15571	0.004		-1	-1	-1	na
385.00	451.50	5f	50	90	Grey, Fg, 10-20% arg beds @ 40-50 tca, No qs's, Tr py	345.00	350.00	5.00	J15572	0.000		-1	-1	-1	30% RQD
451.50	464.00	5f	45	50	Blocky core, Grey, Fg, 10-30% arg beds @ 40-50 tca, Tr qs's, Tr py	350.00	355.00	5.00	J15573	0.000		-1	-1	-1	qcs @ 40 t
						355.00	507.00	152.00	NS	-1.000		-1	-1	-1	EOH.
464.00	507.00	5f		95	Grey, Fg, 10% arg beds @ 40-50 tca, No qs's, Tr py, EOH.										

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
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Friday, January 24, 2003

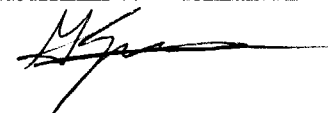
Hole # : 18800

Page 2 of 2

Porcupine Joint Venture

Hole #	Easting	Northing	Elevation	Length	Date	Test	Core Size	Logged By	U/S	Target	Location \ Comments:
18801	-872.7	6515.4	10969.21	507	10/13/2002	EZ Shot	NQ	G. Spyrtatos	S	HughPamCgl	Broulan

Claim #	UTM East	UTM North	Elevation(m)	Drill Start Date	Drill End Date	Drill Contractor	Core Storage Location
P12805	486455.1	5372002	295.41	10/7/2002	10/8/2002	Bradley Bros.	Hoyle Pond Mine Site



DISTANCE	AZIMUTH	DIP	POSITION X	POSITION Y	POSITION Z	REMARKS
0.00	160	-50				
107.00	165.4	-50				
307.00	166	-50.3				
487.00	167.3	-50.6				

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
0.00	92.70	OB				0.00	92.70	92.70	NS	-1.000		-1	-1	-1	OB
92.70	174.00	5f	50	90	Grey, Fg, 10-20% arg beds @ 50 tca, Tr qcs's, Tr py	92.70	169.00	76.30	NS	-1.000		-1	-1	-1	na
174.00	220.00	5f	50	100	Grey, Fg, 10-20% arg beds @ 40-50 tca, Common qcs's, Tr to min py	169.00	174.00	5.00	J15574	0.000		-1	-1	-1	na
						174.00	177.00	3.00	J15575	0.000		-1	0	-1	qcv's @ 20-60
220.00	453.50	5f	60	90	Grey, Fg, 10-20% arg beds @ 40-50 tca, Tr qcs's, Tr to min py	177.00	182.00	5.00	J15576	0.000		-1	-1	-1	na
						182.00	187.00	5.00	J15577	0.000		-1	0	-1	na
453.50	474.50	5f	60	95	Grey, Fg, 20-30% arg beds @ 30-50 tca, 15% qcv's, Tr to min py	187.00	191.00	4.00	J15578	0.000		-1	0	-1	na
						191.00	194.00	3.00	J15579	0.001		-1	-1	-1	na
474.50	507.00	5f		95	Grey, Fg, 20-30% arg beds @ 40-50 tca, No qcs's, Tr py, EOH.	194.00	197.00	3.00	J15580	0.000		-1	0	-1	qcv @ 60 t
						197.00	200.00	3.00	J15581	0.000		-1	0	-1	qcv's @ 10-60
						200.00	205.00	5.00	J15582	0.000		-1	-1	-1	na
						205.00	210.00	5.00	J15583	0.000		-1	-1	-1	na
						210.00	214.00	4.00	J15584	0.000		-1	-1	-1	na
						214.00	217.00	3.00	J15585	0.000		-1	-1	-1	na
						217.00	220.00	3.00	J15586	0.001		-1	0	-1	qcv's @ 50 t
						220.00	225.00	5.00	J15587	0.000		-1	-1	-1	qcv @ 50 t
						225.00	449.00	224.00	NS	-1.000		-1	-1	-1	na
						449.00	453.50	4.50	J15588	0.000		-1	0	-1	na
						453.50	458.00	4.50	J15589	0.000		-1	0	-1	qcv @ 60 t
						458.00	463.00	5.00	J15590	0.000		-1	-1	-1	na
						463.00	468.00	5.00	J15591	0.001		-1	0	-1	qcv's @ 70 t

FROM	TO	ROCK-TYPE	C.A.	RQD	REMARKS	FROM	TO	WIDTH	SAMPLE #	AU oz/T	Arsenic	% Qtz	% Py	% Aspy	Remarks
						468.00	471.00	3.00	J15592	0.000		-1	0	-1	qcv's @ 50-70
						471.00	474.50	3.50	J15593	0.000		-1	-1	-1	qcs's @ 50 t
						474.50	479.00	4.50	J15594	0.001		-1	-1	-1	na
						479.00	507.00	28.00	NS	-1.000		-1	-1	-1	EOH.

Work Report Summary

Transaction No: W0460.01461 Status: APPROVED
 Recording Date: 2004-SEP-10 Work Done from: 2002-AUG-07
 Approval Date: 2004-SEP-24 to: 2002-OCT-08

Client(s):

130666 KINROSS GOLD CORPORATION
 169976 MEUNIER, DAVID
 300210 PLACER DOME (CLA) LIMITED/PLACER DOME (CLA) LIMITEE

Survey Type(s):

ASSAY PDRILL

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
G 6060125	\$175,058	\$175,058	\$0	\$0	\$72,400	72,400	\$102,658	\$102,658	
P 688664	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-11
P 688665	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-11
P 688677	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688678	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688679	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688688	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688689	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688690	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688698	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688699	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 688700	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-07
P 753442	\$0	\$0	\$1,200	\$1,200	\$0	0	\$0	\$0	2007-NOV-02
P 764451	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-APR-22
P 764452	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-APR-22
P 783671	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2007-JAN-12
P 783672	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2007-JAN-12
P 789905	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2007-JAN-11
P 915947	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2007-MAR-23
P 949059	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-09
P 949060	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-09
P 949302	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-09
P 949303	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-09
P 949304	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-09
P 1036154	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-JUN-01
P 1189913	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2009-MAR-04
P 1193358	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2009-FEB-22
P 1193359	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-FEB-22
P 1193792	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2008-JUL-23
P 1193793	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUL-23
P 1201138	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-MAR-24
P 1201195	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2009-SEP-16
P 1201575	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2008-JUN-14



900
42A11SE2034 2.28452
WHITNEY

Work Report Summary

Transaction No: W0460.01461

Status: APPROVED

Recording Date: 2004-SEP-10

Work Done from: 2002-AUG-07

Approval Date: 2004-SEP-24

to: 2002-OCT-08

Work Report Details:

Claim#	Perform	Perform Approve	Applied	Applied Approve	Assign	Assign Approve	Reserve	Reserve Approve	Due Date
P 1204394	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2008-JUN-14
P 1204397	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-28
P 1206931	\$0	\$0	\$2,400	\$2,400	\$0	0	\$0	\$0	2009-JAN-24
P 1212619	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2009-JAN-24
P 1212646	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-OCT-23
P 1213181	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-MAY-02
P 1213231	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2009-JAN-24
P 1213232	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2009-JAN-24
P 1213233	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JAN-24
P 1213234	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2008-JAN-24
P 1213573	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2008-JAN-24
P 1218639	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-DEC-28
P 1218640	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-JUN-03
P 1218642	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-03
P 1218644	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-03
P 1218671	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-05
P 1218673	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-05
P 1226410	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-DEC-24
P 1228930	\$0	\$0	\$1,600	\$1,600	\$0	0	\$0	\$0	2008-AUG-06
P 1228931	\$0	\$0	\$3,200	\$3,200	\$0	0	\$0	\$0	2009-AUG-06
P 1228932	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2009-AUG-06
P 1229276	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-DEC-03
P 1231013	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1236909	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-DEC-10
P 1240737	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2010-JUN-01
P 1240738	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2010-JUN-01
P 1248931	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1248932	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1248933	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1248934	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1248935	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 1248936	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
P 3003307	\$0	\$0	\$800	\$800	\$0	0	\$0	\$0	2008-JUN-01
	<u>\$175,058</u>	<u>\$175,058</u>	<u>\$72,400</u>	<u>\$72,400</u>	<u>\$72,400</u>	<u>\$72,400</u>	<u>\$102,658</u>	<u>\$102,658</u>	

External Credits: \$0

Reserve:

\$102,658 Reserve of Work Report#: W0460.01461

\$102,658 Total Remaining

Date: 2004-SEP-24

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

PLACER DOME (CLA) LIMITED/PLACER DOME
(CLA) LIMITEE
130 ADELAIDE STREET WEST
P.O. BOX 43, SUITE 3201
TORONTO, ONTARIO
M5H 3P5 CANADA

Tel: (888) 415-9845
Fax: (877) 670-1555

Submission Number: 2.28452
Transaction Number(s): W0460.01461

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

If you have any question regarding this correspondence, please contact STEVEN BENETEAU by email at steve.beneteau@ndm.gov.on.ca or by phone at (705) 670-5855.

Yours Sincerely,



Ron C. Gashinski
Senior Manager, Mining Lands Section

Cc: Resident Geologist

Kinross Gold Corporation
(Claim Holder)

Placer Dome (Cla) Limited/Placer Dome (Cla)
Limitee
(Claim Holder)

Assessment File Library

David Meunier
(Claim Holder)

Placer Dome (Cla) Limited/Placer Dome (Cla)
Limitee
(Assessment Office)

Date / Time of Issue: Thu Oct 07 12:46:02 EDT 2004

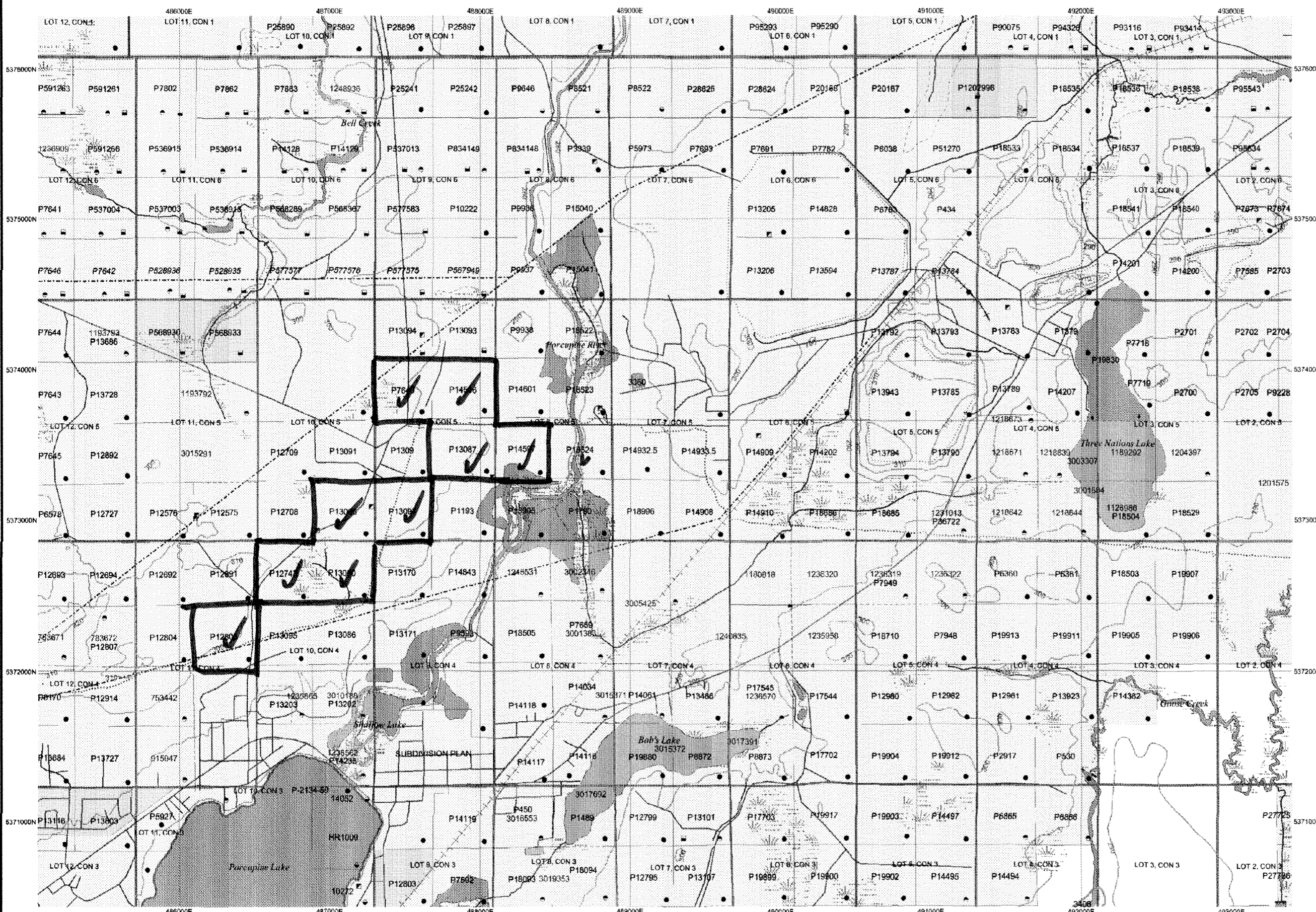
TOWNSHIP / AREA
WHITNEY

PLAN
G-3975

ADMINISTRATIVE DISTRICTS / DIVISIONS

Mining Division
Land Titles/Registry Division
Ministry of Natural Resources District

Porcupine
COCHRANE
TIMMINS

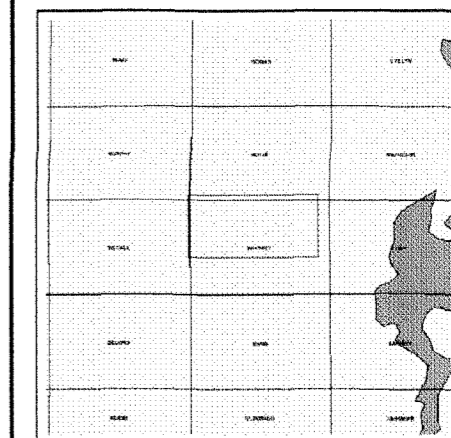


TOPOGRAPHIC

- Administrative Boundaries
- Township
- Concession, Lot
- Provincial Park
- Indian Reserve
- Cliff, Pit & Pile
- Contour
- Mine Shafts
- Mine Headframe
- Railway
- Road
- Trail
- Natural Gas Pipeline
- Utilities
- Tower

Land Tenure

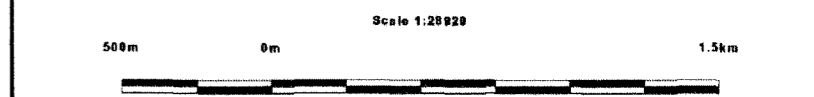
- Freehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Leasehold Patent
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
- Licence of Occupation
 - Uses Not Specified
 - Surface And Mining Rights
 - Surface Rights Only
 - Mining Rights Only
 - Land Use Permit
 - Order In Council (Not open for staking)
 - Water Power Lease Agreement
- Mining Claim
 - Filed Only Mining Claims



LAND TENURE WITHDRAWALS

- 1294 Areas Withdrawn from Disposition
- Mining Acts Withdrawal Types
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn
- Order In Council Withdrawal Types
 - Wsm Surface And Mining Rights Withdrawn
 - Ws Surface Rights Only Withdrawn
 - Wm Mining Rights Only Withdrawn

IMPORTANT NOTICES



LAND TENURE WITHDRAWAL DESCRIPTIONS

Identifier	Type	Date	Description
3360	Wsm	Jan 1, 2001	RES
3408	Wsm	Jan 1, 2001	APPLICATION PENDING UNDER PUBLIC LANDS ACT SURFACE RIGHTS WITHDRAWN
3414	Wsm	Jan 1, 2001	FLOODING RIGHTS RESERVED TO THE CROWN - DUCKS UNLIMIT SEE LAND ROLL FILE

2.28452
PDRILL
ASSAY

UTM Zone 17
1000m grid



For information of Northern Development and Mines for additional title determination purposes as the information on this map may also be obtained through the

General Information and Limitations

Contact Information:
Provincial Mining Recorders' Office
Willet Green Miller Centre 933 Ramsey Lake Road
Sudbury ON P3E 6B5
Home Page: www.mndm.gov.on.ca/MNDM/MINES/LANDS/mismnpg.htm

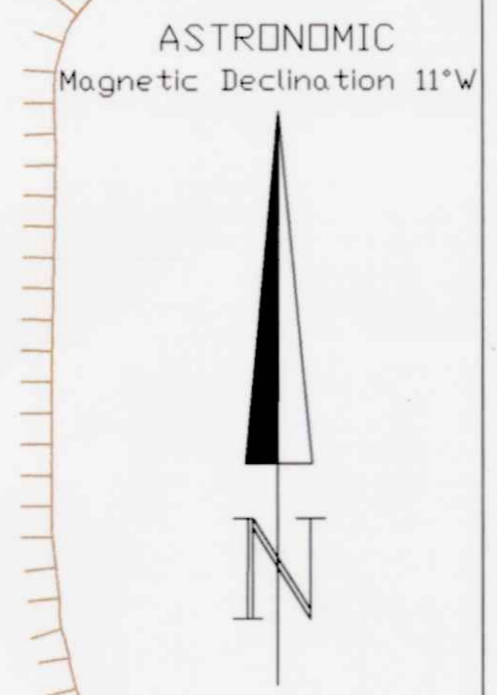
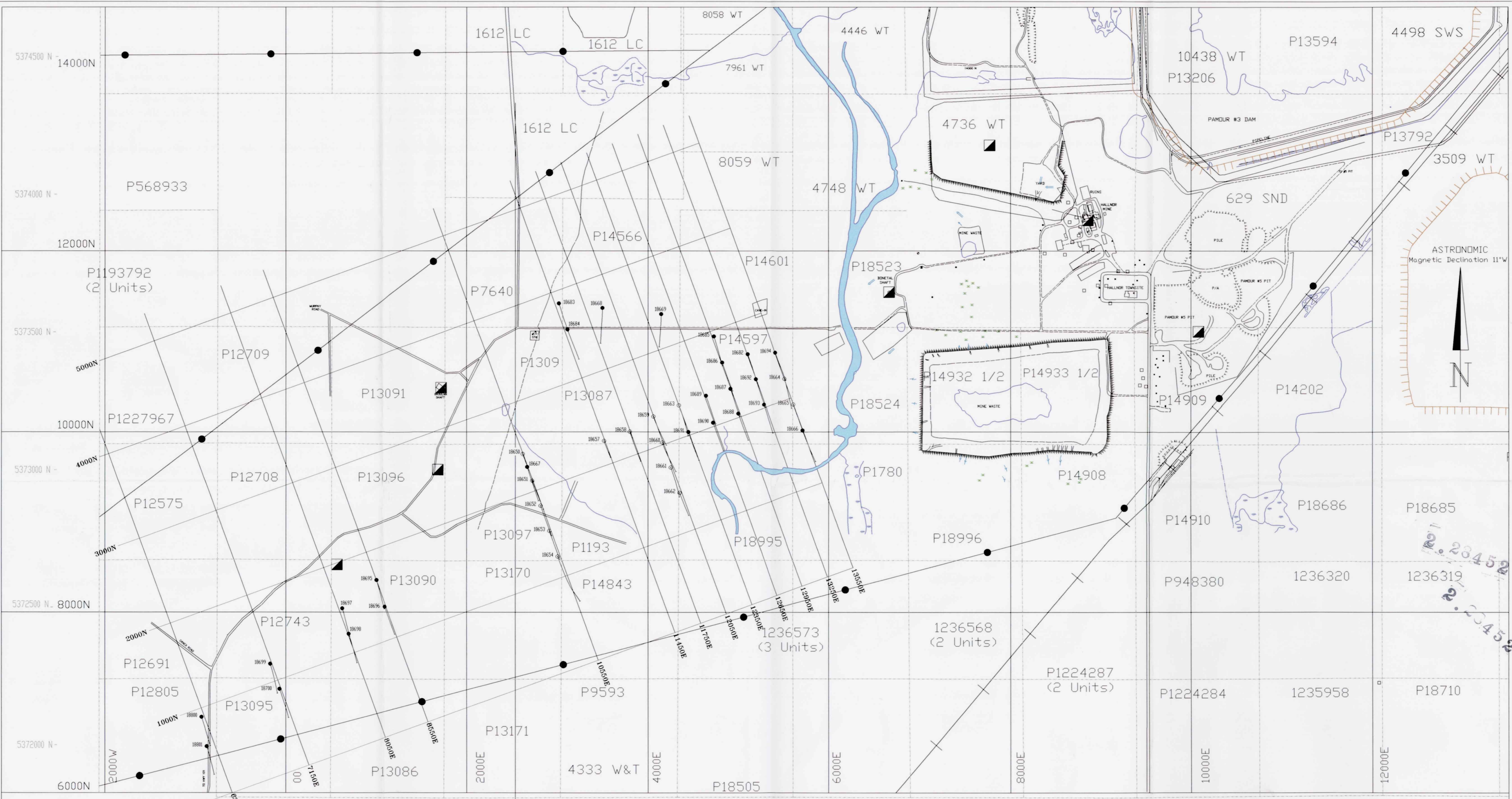
Toll Free

Tel: 1 (888) 415-9845 ext 5783
Fax: 1 (877) 670-1444

Map Datum: NAD 83

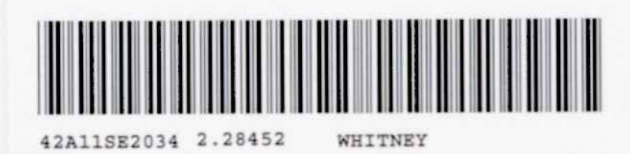
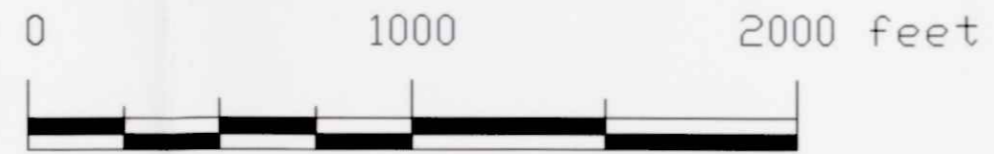
Projection: UTM (6 degree)
Topographic Data Source: Land Information Ontario
Mining Land Tenure Source: Provincial Mining Recorders' Office

This map may not show unregistered land tenure and interests in land including certain patents, leases, easements, right of ways, flooding rights, licences, or other forms of disposition of rights and interest from the Crown. Also certain land tenure and land uses that restrict or prohibit free entry to stake mining claims may not be illustrated.



28452
28452

- 2002 Diamond Drillhole
- Historical Diamond Drillhole



210

DATE	DRAWN	PLAN	GEO.	ROCK MECH	VENT	MINE DEPT.	ENG. DEPT.	H&S	DESCRIPTION
01/30/2003	cgd		dg						Surface Diamond Drilling Drillhole Location Plan

Porcupine Joint Venture
Hoyle Pond Mine - Geology

SUBJECT Broulan Reef - Hugh Pam Project

SCALE 1" = 500'

1200 N

1400 N

1600 N

1800 N

2000 N

2200 N

2400 N

2600 N

2800 N

3000 N

**CLAIM
P1780**

**CLAIM
P18524**

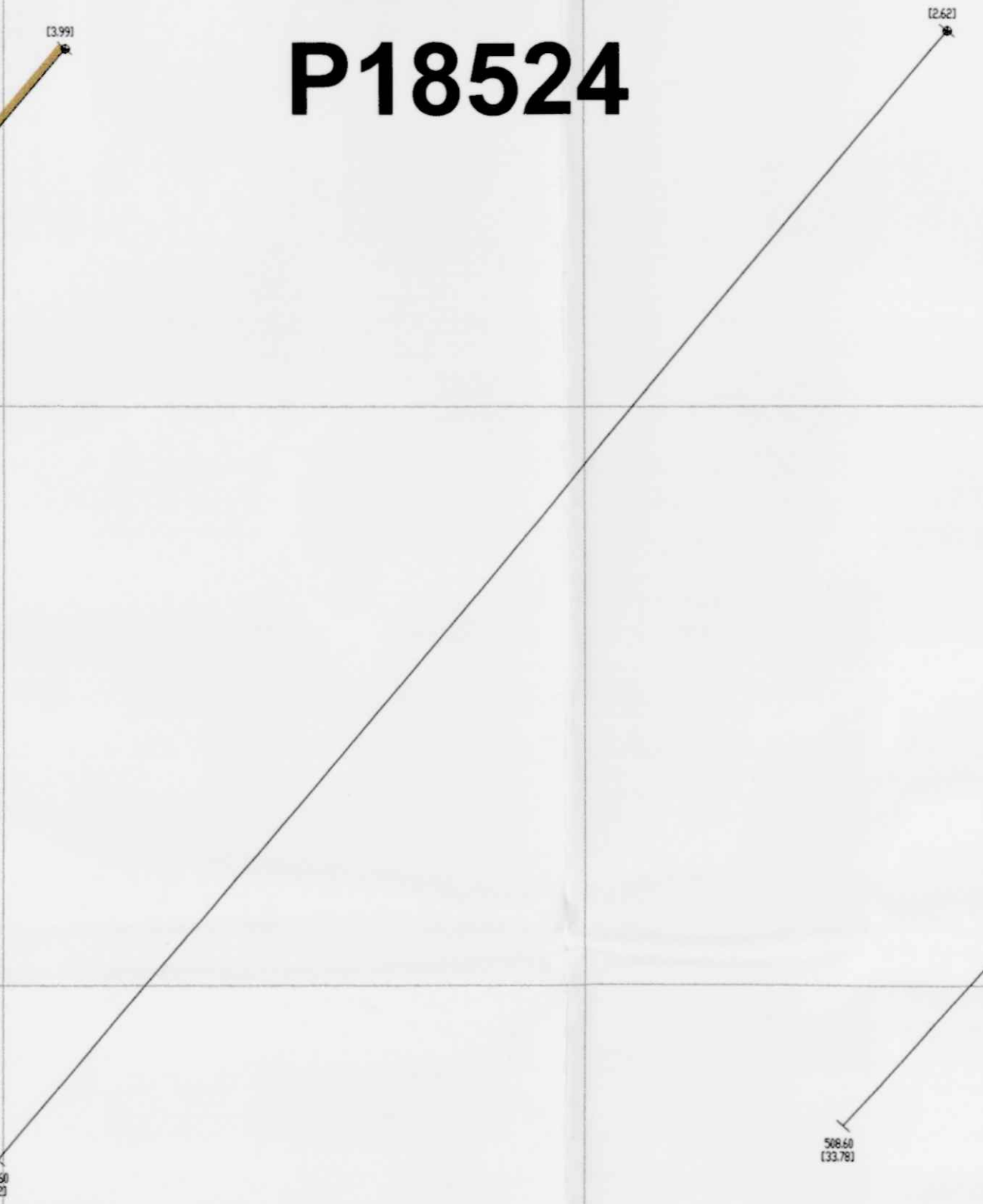
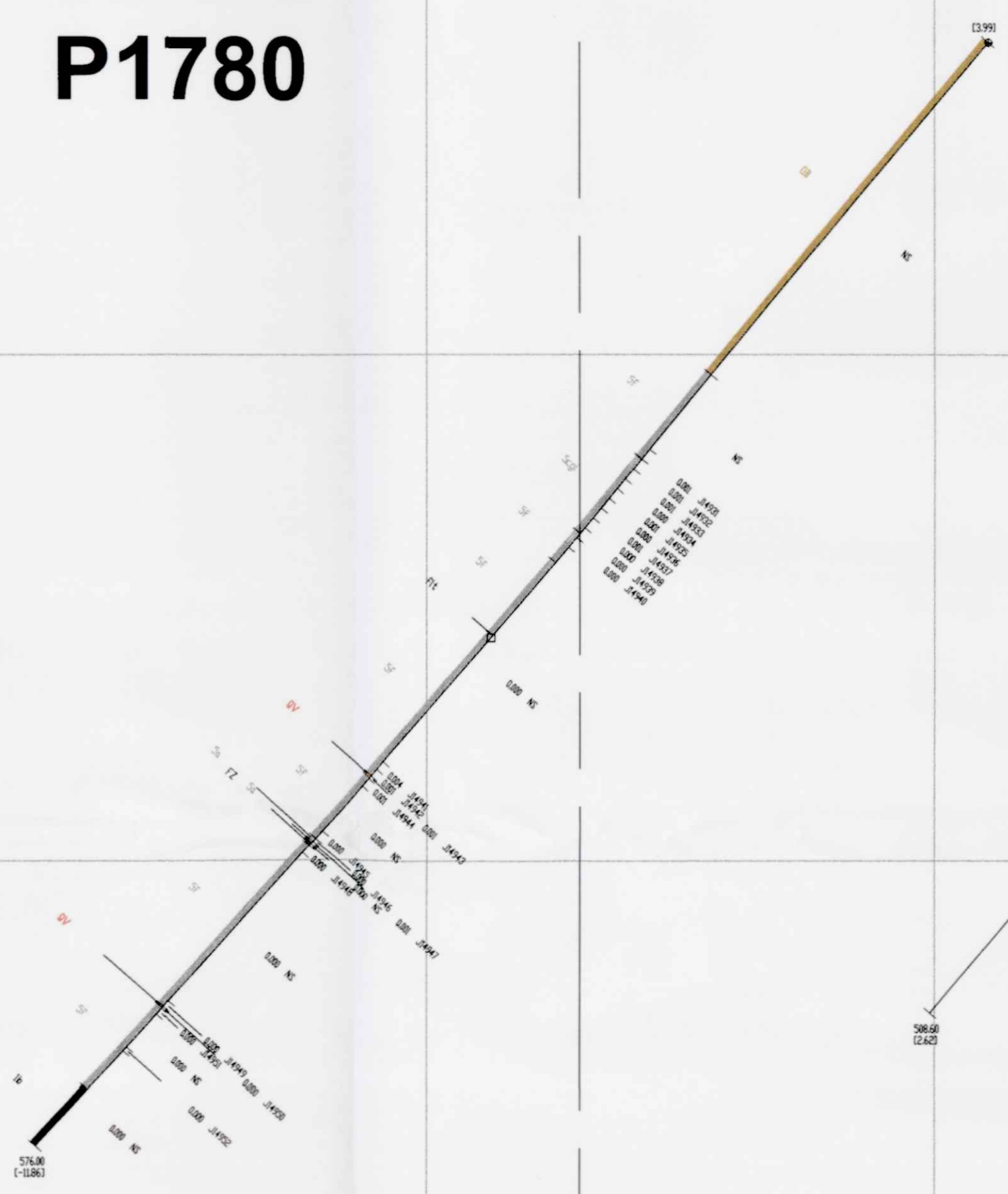
**CLAIM
P14597**

18666
Az: 160°
Dip: -50°
Length: 576 ft

18665
Az: 160°
Dip: -50°
Length: 508.6 ft

18664
Az: 160°
Dip: -50°
Length: 508.6 ft

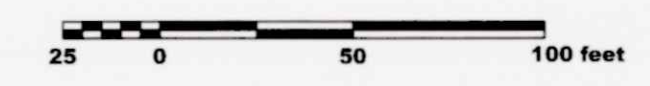
18694
Az: 160°
Dip: -50°
Length: 507 ft



Legend

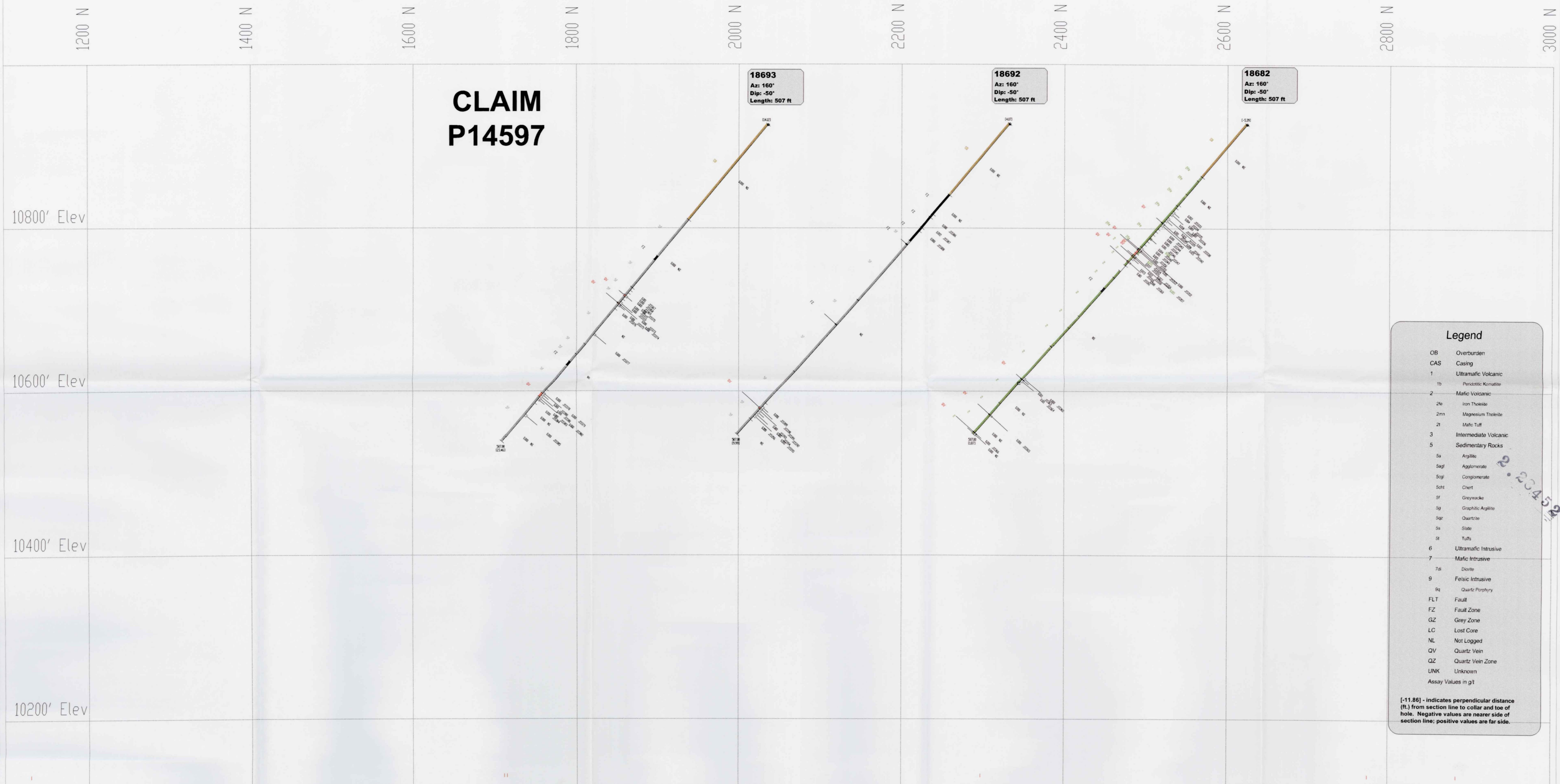
- OB Overburden
 - CAS Casing
 - 1 Ultramafic Volcanic
 - 1b Peridotite Komatiite
 - 2 Mafic Volcanic
 - 2fa Iron Tholeiite
 - 2mn Magnesium Tholeiite
 - 2t Mafic Tuff
 - 3 Intermediate Volcanic
 - 5 Sedimentary Rocks
 - 5a Argillite
 - 5agl Agglomerate
 - 5cgl Conglomerate
 - 5cht Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
 - 6 Ultramafic Intrusive
 - 7 Mafic Intrusive
 - 7di Diorite
 - 9 Felsic Intrusive
 - 9q Quartz Porphyry
 - FLT Fault
 - FZ Fault Zone
 - GZ Grey Zone
 - LC Lost Core
 - NL Not Logged
 - QV Quartz Vein
 - QZ Quartz Vein Zone
 - UNK Unknown
- Assay Values in g/t

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK	VENT	MINE	END.	H&S	DESCRIPTION
				MECH		DEPT.	DEPT.		
Jan 25, 2009	ggl								

CLAIM P14597

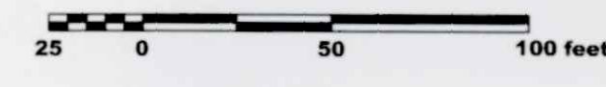


Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1b Peridotitic Komatiite
- 2 Mafic Volcanic
 - 2le Iron Tholeiite
 - 2m Magnesium Tholeiite
 - 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
 - 5a Argillite
 - 5ag Agglomerate
 - 5cgl Conglomerate
 - 5cht Chert
 - 5f Greysacke
 - 5g Graphitic Argillite
 - 5qr Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7di Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- OZ Quartz Vein Zone
- UNK Unknown

Assay Values in g/t

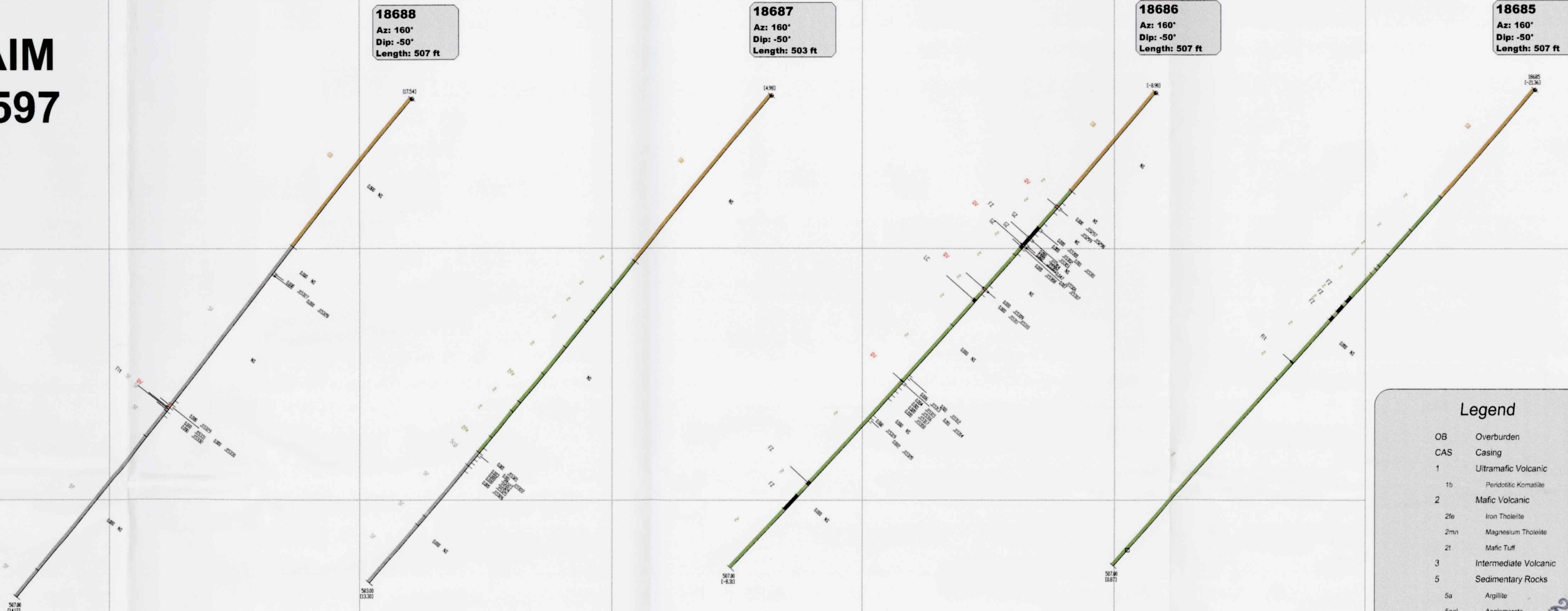
[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK MECH.	VENT.	ZONE DEPT.	DRG. DEPT.	H&S	DESCRIPTION
Jan 25, 2003	sgs								

1200 N 1400 N 1600 N 1800 N 2000 N 2200 N 2400 N 2600 N 2800 N 3000 N

CLAIM P14597



18688
Az: 160°
Dip: -50°
Length: 507 ft

18687
Az: 160°
Dip: -50°
Length: 503 ft

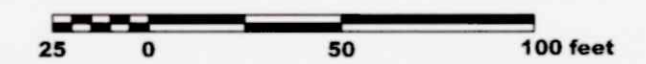
18686
Az: 160°
Dip: -50°
Length: 507 ft

18685
Az: 160°
Dip: -50°
Length: 507 ft

Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1a Pseudotachylite
- 2 Mafic Volcanic
 - 2a Iron Tholeiite
 - 2m Magnesium Tholeiite
 - 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
 - 5a Argillite
 - 5agf Agglomerate
 - 5cgl Conglomerate
 - 5cht Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7d Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown
- Assay Values in g/t

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK MECH.	VENT	MANE DEPT.	ENG. DEPT.	H&S	DESCRIPTION
Jan 25, 2023	gjt								

**CLAIM
P18995**

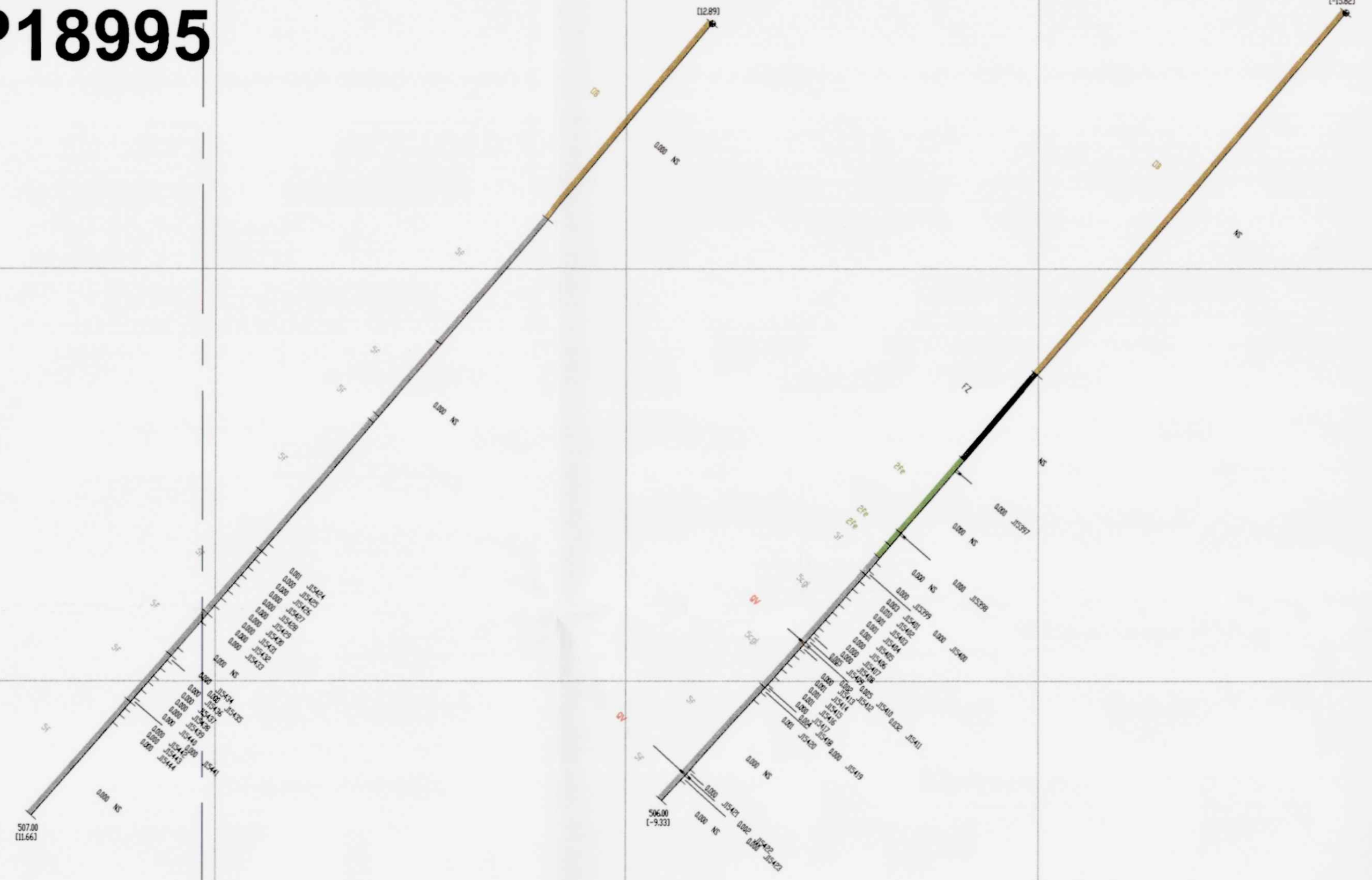
**CLAIM
P14597**

**CLAIM
P14597**

18690
Az: 160°
Dip: -50°
Length: 507 ft

18689
Az: 160°
Dip: -50°
Length: 506 ft

18669
Az: 180°
Dip: -50°
Length: 547 ft

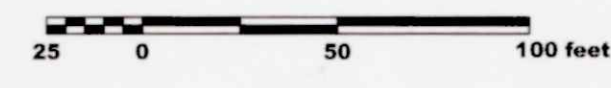


Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1a Peridotitic Komatiite
- 2 Mafic Volcanic
 - 2fa Iron Tholeiite
 - 2mb Magnesium Tholeiite
 - 2fc Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rock
 - 5a Argillite
 - 5ag Agglomerate
 - 5agj Agglomerate
 - 5ch Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7di Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

Assay Values in g/t

[11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO	ROCK	VENT	MIN	ENG	H&S	DESCRIPTION
Jan 25, 2003	cgf		gr						

**CLAIM
P18995**

**CLAIM
P14597**

**CLAIM
P13087**

**CLAIM
P14566**

18691
Az: 160°
Dip: -50°
Length: 505 ft

18663
Az: 160°
Dip: -50°
Length: 508.6 ft

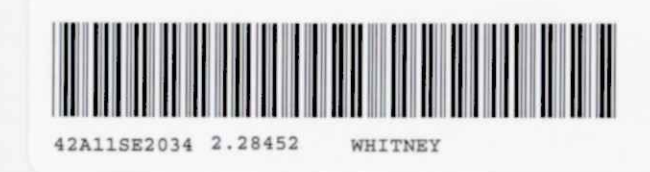
18669
Az: 180°
Dip: -50°
Length: 547 ft



Legend

- OB Overburden
 - CAS Casing
 - 1 Ultramafic Volcanic
 - 1b Peridotitic Komatiite
 - 2 Mafic Volcanic
 - 2fe Iron Tholeiite
 - 2m Magnesium Tholeiite
 - 2t Mafic Tuff
 - 3 Intermediate Volcanic
 - 5 Sedimentary Rocks
 - 5a Argillite
 - 5ag Agglomerate
 - 5c Conglomerate
 - 5ch Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
 - 6 Ultramafic Intrusive
 - 7 Mafic Intrusive
 - 7d Diorite
 - 9 Felsic Intrusive
 - 9c Quartz Porphyry
 - FLT Fault
 - FZ Fault Zone
 - GZ Grey Zone
 - LC Lost Core
 - NL Not Logged
 - QV Quartz Vein
 - QZ Quartz Vein Zone
 - UNK Unknown
- Assay Values in g/t

[-11.86] - indicates perpendicular distance (ft) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO	ROCK	VENT	MINE	ENG	H&S	DESCRIPTION
Jan 25, 2003	gpl								

IM 3

2000 N

2200 N

2400 N

2600 N

2800 N

3000 N

3200 N

3400 N

3600 N

18660
Az: 160°
Dip: -50°
Length: 508.6 ft

18659
Az: 160°
Dip: -50°
Length: 508.6 ft

18668
Az: 180°
Dip: -50°
Length: 592 ft

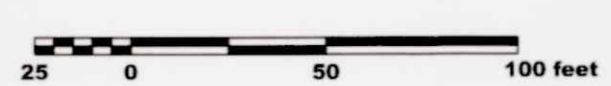
CLAIM P13087

CLAIM P14566

Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1b Peridotite Komatiite
- 2 Mafic Volcanic
 - 2fa Iron Tholeiite
 - 2fm Magnesium Tholeiite
 - 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
 - 5a Argillite
 - 5agl Agglomerate
 - 5gcl Conglomerate
 - 5cht Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7di Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK	VENT	MINE	ENS.	H&S	DESCRIPTION
Jan 25, 2023	sgf		gr						

Porcupine Joint Venture
 Brouian Reef - Hugh Pam Project
 SUBJECT: Vertical Section 120506
 SCALE: 1" = 50'

**CLAIM
P1193**

18658
Az: 160°
Dip: -50°
Length: 508.6 ft

**CLAIM
P13087**

**CLAIM
P14566**

18668
Az: 180°
Dip: -50°
Length: 592 ft

Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
- 1b Peridotitic Komatiite
- 2 Mafic Volcanic
- 2e Iron Tholeiite
- 2mn Magnesium Tholeiite
- 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
- 5a Argillite
- 5agl Agglomerate
- 5agl Conglomerate
- 5cht Chert
- 5f Greywacke
- 5g Graphitic Argillite
- 5qz Quartzite
- 5s Slate
- 5t Turfs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
- 7di Diorite
- 9 Felsic Intrusive
- 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	QEO	ROCK	VENT	MINE	ENG.	H&S	DESCRIPTION
				NO.		DEPT.	DEPT.		
Apr 25, 2003	cpd		cp						

Porcupine Joint Venture
Broulan Reef - Hugh Pam Project
SUBJECT: Vertical Section 1175' E
SCALE: 1" = 50'

**CLAIM
P1193**

18657
Az: 160°
Dip: -50°
Length: 292 ft

**CLAIM
P13087**

**CLAIM
P14566**

18684
Az: 160°
Dip: -50°
Length: 547 ft

**CLAIM
P7640**

18683
Az: 160°
Dip: -50°
Length: 487 ft

Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
- 1b Peridotitic Komatiite
- 2 Mafic Volcanic
- 2fe Iron Tholeiite
- 2mn Magnesium Tholeiite
- 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
- 5a Argillite
- 5agl Agglomerate
- 5cgl Conglomerate
- 5cht Chert
- 5f Greywacke
- 5g Graphitic Argillite
- 5qz Quartzite
- 5s Slate
- 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
- 7di Diorite
- 9 Felsic Intrusive
- 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

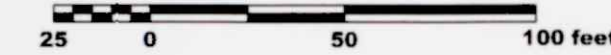
Assay Values in g/t

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



42411082034 2.28452 WHITNEY

290



DATE	DRAWN	PLAN	GEO.	ROCK MECH.	VENT.	MINE DEPT.	ENG. DEPT.	H&S	DESCRIPTION
Jan 25, 2003	ogf		og						

Porcupine Joint Venture
Broulian Reef - Hugh Pam Project
SUBJECT: Vertical Section 114506
SCALE: 1" = 50'

800 N 1000 N 1200 N 1400 N 1600 N 1800 N 2000 N 2200 N 2400 N

**CLAIM
P14843**

**CLAIM
P13170**

**CLAIM
P13097**

18654
Az: 160°
Dip: -50°
Length: 795 ft

18653
Az: 160°
Dip: -50°
Length: 508.6 ft

18652
Az: 160°
Dip: -50°
Length: 498.7 ft

18651
Az: 160°
Dip: -50°
Length: 498.7 ft

18667
Az: 160°
Dip: -50°
Length: 600 ft

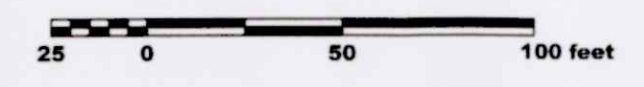
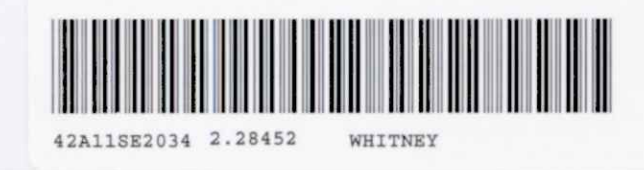
18650
Az: 160°
Dip: -50°
Length: 499.4 ft



Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
- 1b Peridotite Komatiite
- 2 Mafic Volcanic
- 2fe Iron Tholeiite
- 2mn Magnesium Tholeiite
- 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
- 5a Argillite
- 5agf Agglomerate
- 5cgl Conglomerate
- 5cht Chert
- 5f Greywacke
- 5g Graphitic Argillite
- 5qz Quartzite
- 5s Slate
- 5t Tufts
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
- 7di Diorite
- 9 Felsic Intrusive
- 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

[11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.

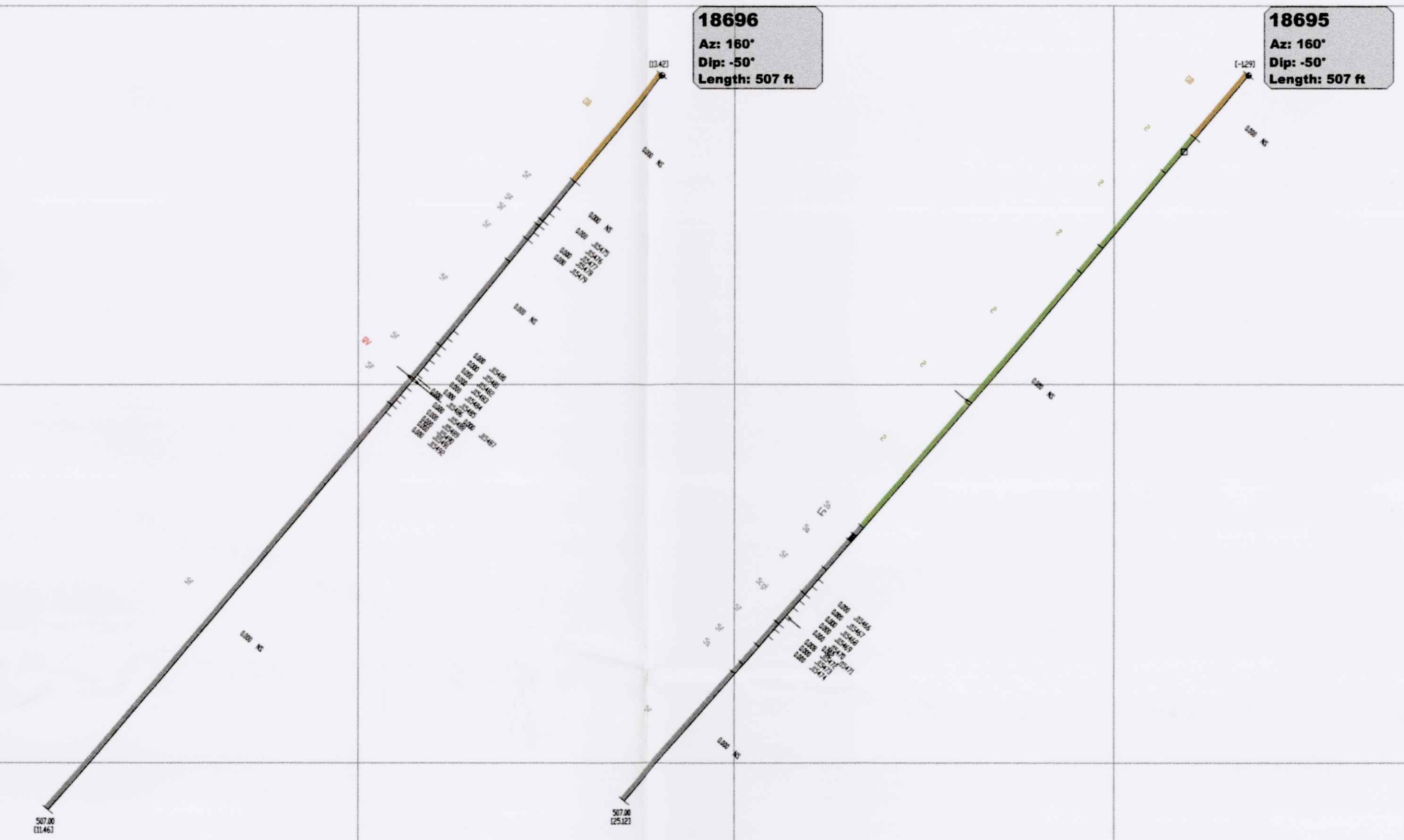


DATE	DRAWN	PLAN	GEO	ROCK	VENT	MINE	ENG	H&S	DESCRIPTION
Jan 25, 2003	gpl								

Porcupine Joint Venture
Broulan Reef - Hugh Pam Project
SUBJECT: Vertical Section 10550E
SCALE: 1" = 50'

800 N 1000 N 1200 N 1400 N 1600 N 1800 N 2000 N 2200 N 2400 N

CLAIM P13090



Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
- 1b Peridotitic Komatiite
- 2 Mafic Volcanic
- 2a Iron Tholeiite
- 2m Magnesium Tholeiite
- 2i Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
- 5a Argillite
- 5agf Agglomerate
- 5ogf Conglomerate
- 5cht Chert
- 5f Greywacke
- 5g Graphitic Argillite
- 5qz Quartzite
- 5s Slate
- 5t Tufts
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
- 7d Diorite
- 9 Felsic Intrusive
- 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

Assay Values in g/t

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK	VENT.	MINE	ENG.	H&S	DESCRIPTION
Jan 25, 2003	sgf		sg						

200 N

400 N

600 N

800 N

1000 N

1200 N

1400 N

1600 N

1800 N

2000 N

7000 E

7000 E

8000 E

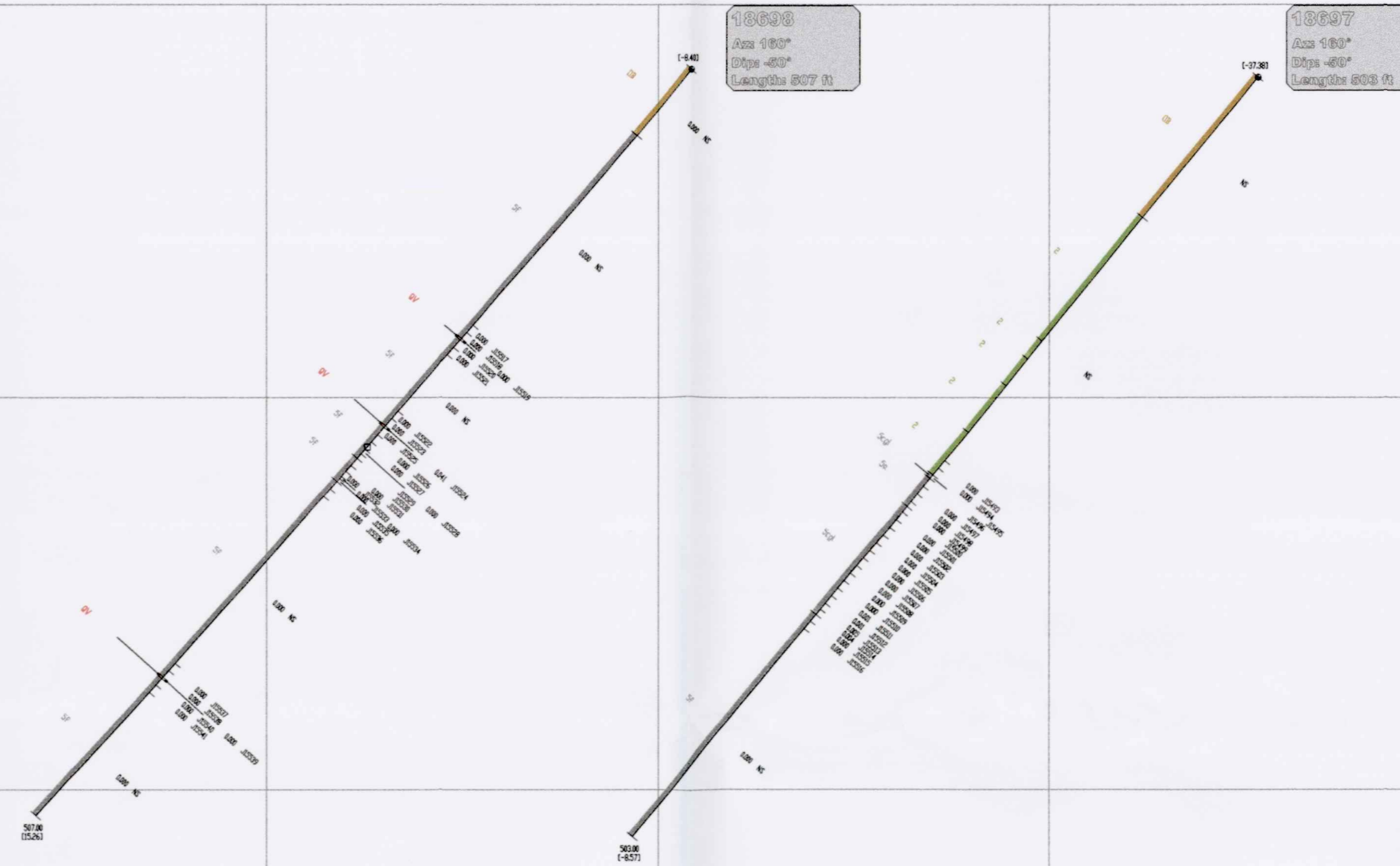
7500 N

6000 E

6000 N

6000 E

CLAIM
P13090



Legend

- OB Overburden
- CAS Caalng
- 1 Ultramafic Volcanic
- 1b Peridotite Komatiite
- 2 Mafic Volcanic
- 2la Iron Tholeiite
- 2mb Magnesium Tholeiite
- 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
- 5a Argillite
- 5ag1 Agglomerate
- 5ag2 Conglomerate
- 5ch1 Chert
- 5f Greywacke
- 5g Graphitic Argillite
- 5q Quartzite
- 5s Slate
- 5t Tuff
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
- 7d Diorite
- 9 Felsic Intrusive
- 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

Assay Values in g/t

[+/-1.00] - Indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK	VENT	MINE	ENG.	H&S	DESCRIPTION
01/25/2003	gpl								

Porcupine Joint Venture
Broulan Reef - High Pam Project
SUBJECT: Vertical Section #0202
SCALE: 1" = 50'

200 N 400 N 600 N 800 N 1000 N 1200 N 1400 N 1600 N 1800 N 2000 N

**CLAIM
P13095**

**CLAIM
P12743**

18700
Az: 160°
Dip: -50°
Length: 507 ft

18699
Az: 160°
Dip: -50°
Length: 507 ft



Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1b Periodic Komatiite
- 2 Mafic Volcanic
 - 2fa Iron Tholeiite
 - 2ma Magnesium Tholeiite
 - 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
 - 5a Argillite
 - 5ag Agglomerate
 - 5cg Conglomerate
 - 5ch Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5q Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7di Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

Assay Values in g/t
[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.

2.28452



DATE	DRAWN	PLAN	GEO.	ROCK MECH.	VENT	MINE DEPT.	ENL. DEPT.	H&S	DESCRIPTION
Jan 25, 2003	sgf		sa						

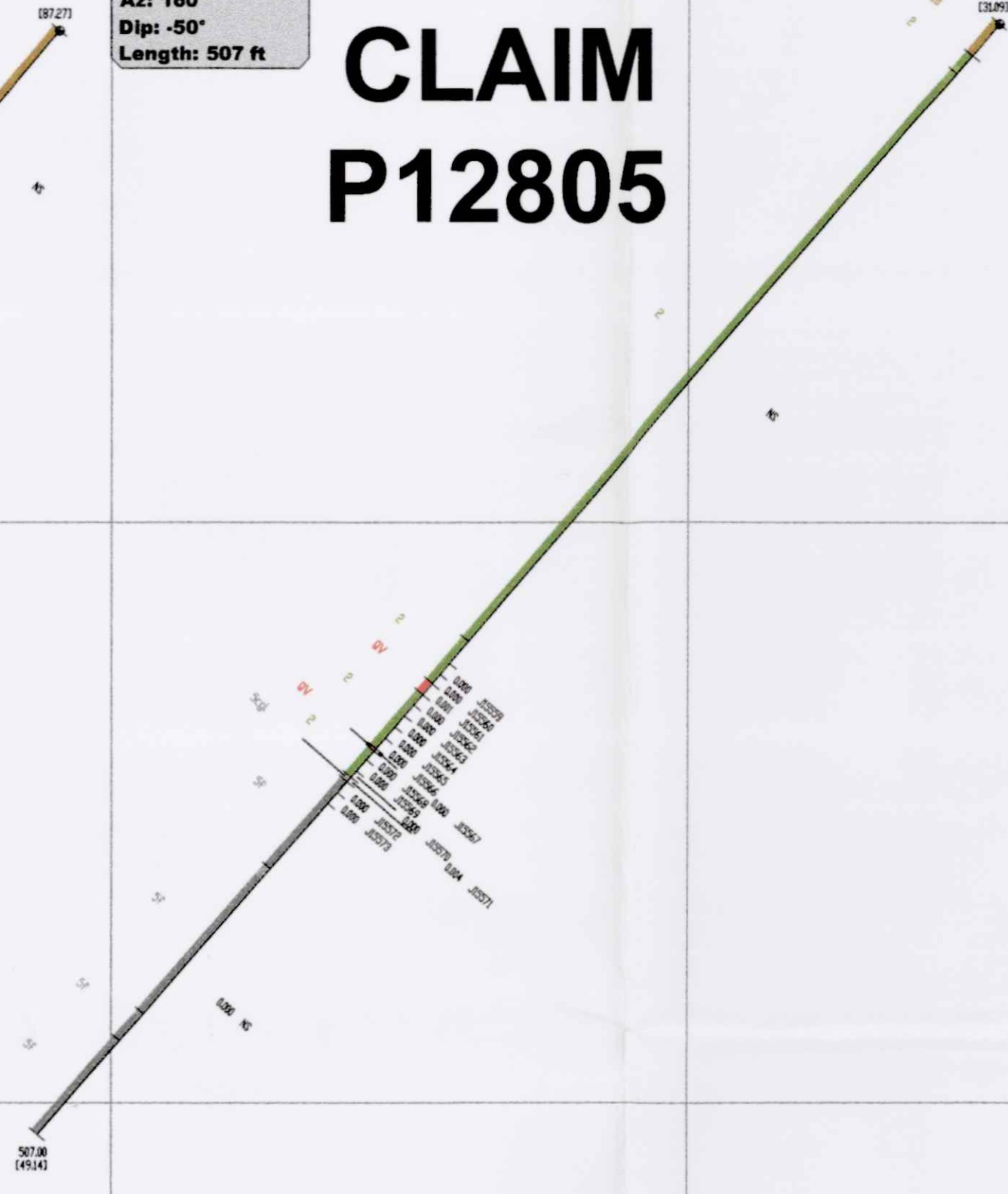
Porcupine Joint Venture
Brouillean Reef - Hugh Pam Project
SUBJECT: Vertical Section 7150E
SCALE: 1" = 30'

200 N 400 N 600 N 800 N 1000 N 1200 N 1400 N 1600 N 1800 N 2000 N

18801
Az: 160°
Dip: -50°
Length: 507 ft

18800
Az: 160°
Dip: -50°
Length: 507 ft

**CLAIM
P12805**



Legend

- OB Overburden
- CAS Casing
- 1 Ultramafic Volcanic
 - 1b Peridotite Komatiite
- 2 Mafic Volcanic
 - 2fa Iron Tholeiite
 - 2mn Magnesium Tholeiite
 - 2t Mafic Tuff
- 3 Intermediate Volcanic
- 5 Sedimentary Rocks
 - 5a Argillite
 - 5agf Agglomerate
 - 5cgl Conglomerate
 - 5cht Chert
 - 5f Greywacke
 - 5g Graphitic Argillite
 - 5qz Quartzite
 - 5s Slate
 - 5t Tuffs
- 6 Ultramafic Intrusive
- 7 Mafic Intrusive
 - 7di Diorite
- 9 Felsic Intrusive
 - 9q Quartz Porphyry
- FLT Fault
- FZ Fault Zone
- GZ Grey Zone
- LC Lost Core
- NL Not Logged
- QV Quartz Vein
- QZ Quartz Vein Zone
- UNK Unknown

[-11.86] - indicates perpendicular distance (ft.) from section line to collar and toe of hole. Negative values are nearer side of section line; positive values are far side.



DATE	DRAWN	PLAN	GEO.	ROCK	VENT	MINE	ENG.	H&S	DESCRIPTION
				MECH.		DEPT.	DEPT.		
Jan 25, 2003	gpd			di					

Porcupine Joint Venture
Broulan Reef - Hugh Pam Project
SUBJECT: Vertical Section 5250E
SCALE: 1" = 50'