Young-Davidson Mines, Limited

2004 OKA Diamond Drill Project

OK04-35 to OK04-54 (inclusive)

for the

MATACHEWAN GOLD PROJECT

Larder Lake Mining division Powell and Cairo Townships, Ontario, Canada

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41P15NE2027 2.28438

Young-Davidson Mines, Limited 2004 OKA Diamond Drill Project

Мар	OKA Project Diamond Drill Hole Plan
Appendix III	Diamond Drill Hole Assay Certificates
Appendix II	Diamond Drill Hole Logs OK04-35 to OK04-54
Appendix I	Diamond Drill Hole Cross Sections

Young-Davidson Mines, Limited

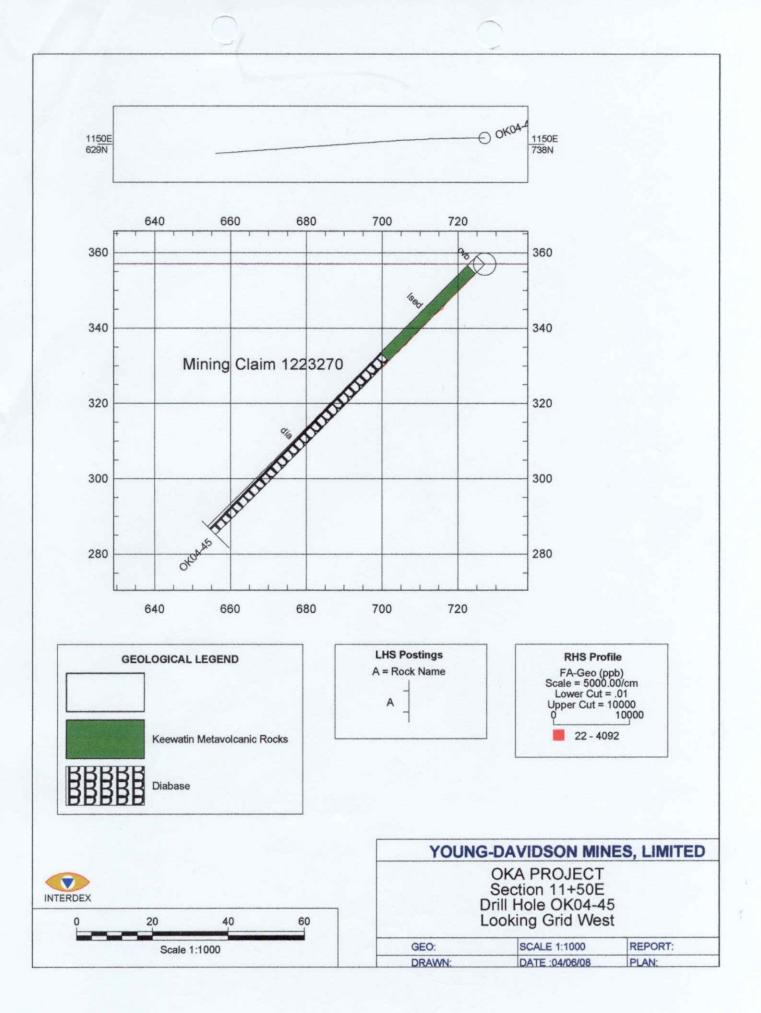
Appendix I

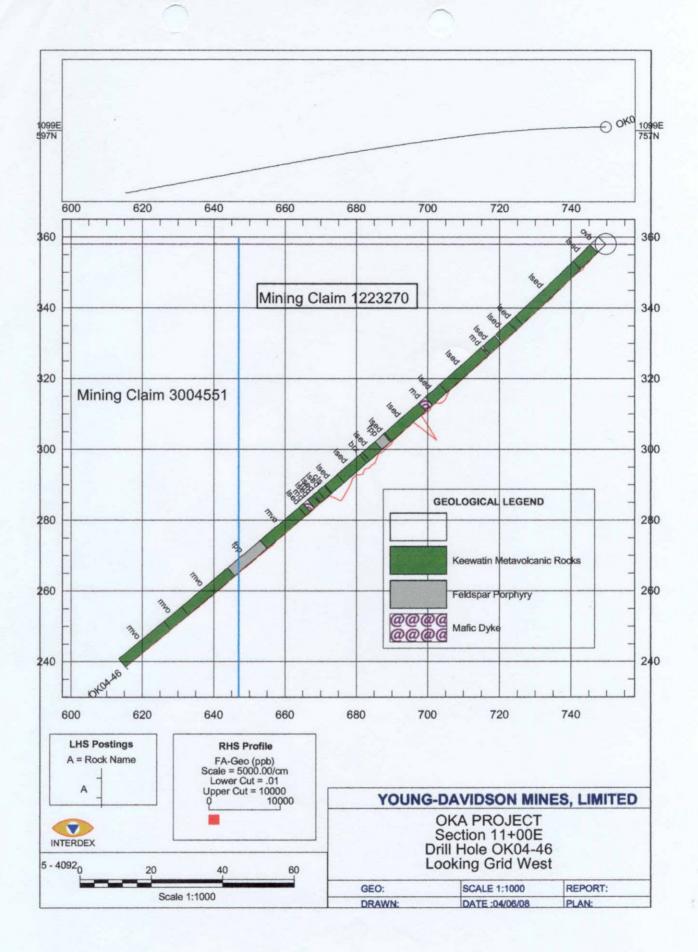
2004 OKA Project Diamond Drill Hole Cross Sections

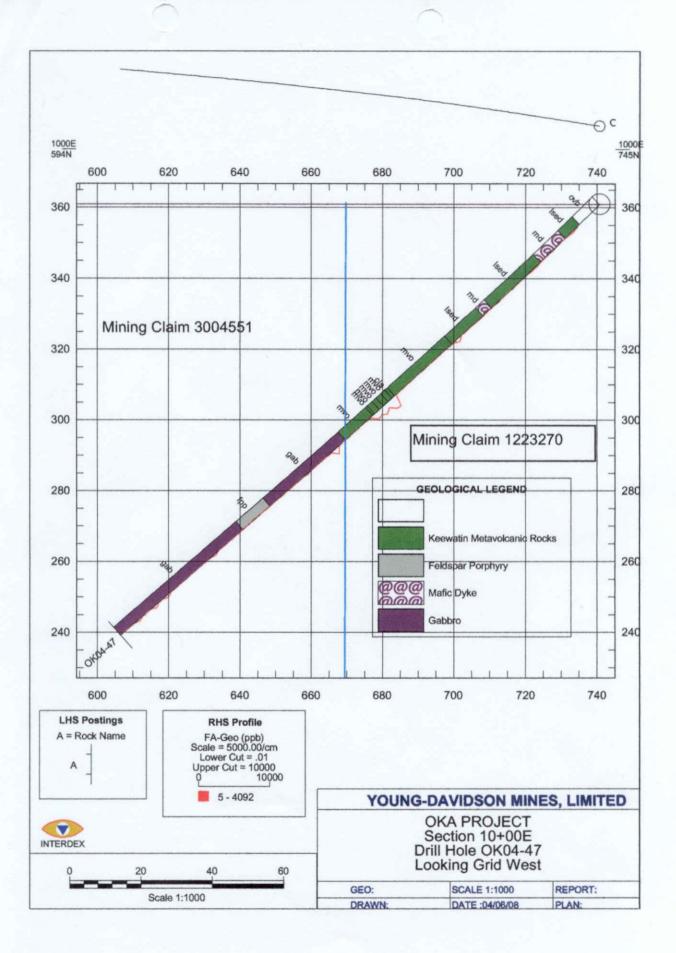
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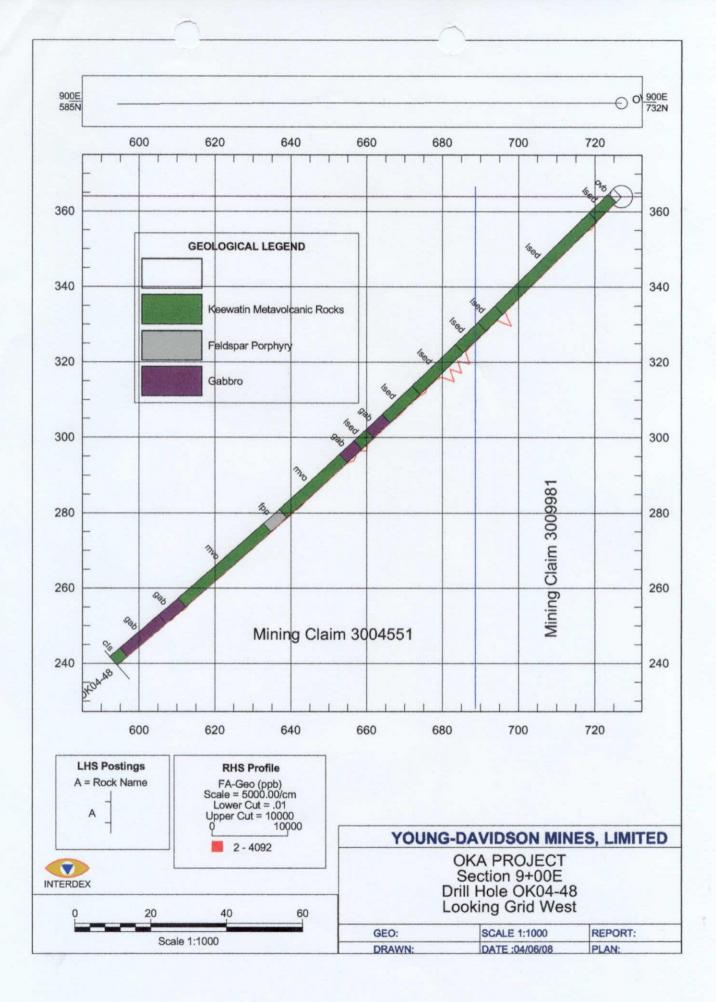
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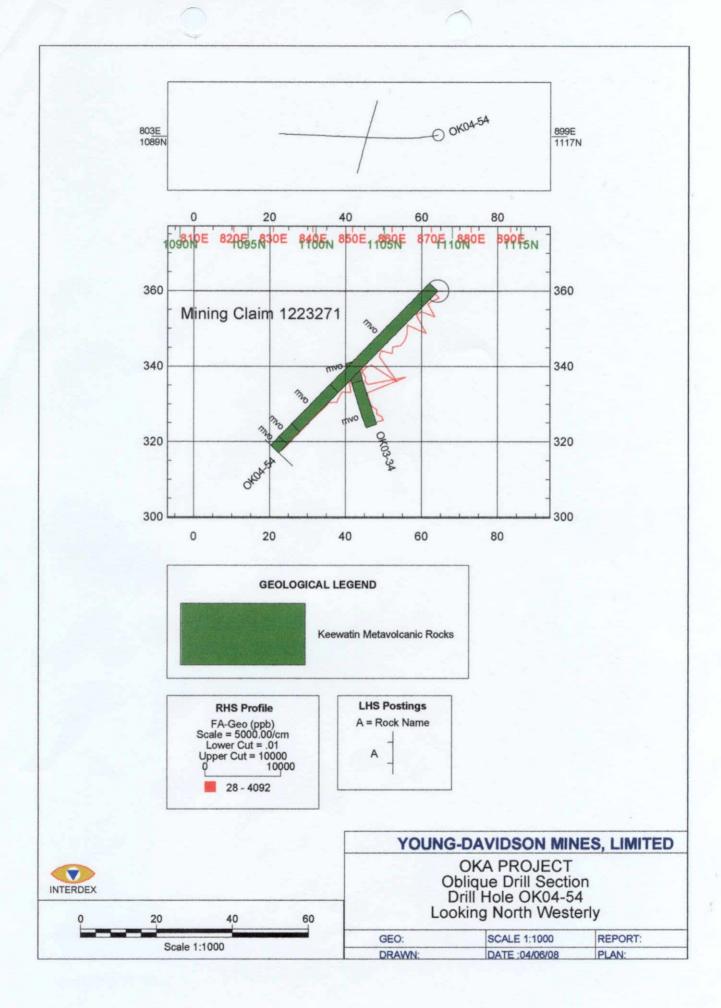
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Young-Davidson Mines, Limited

Appendix II

2004 OKA Project Diamond Drill Hole Logs

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Contractor:	Heath & Sherwood	d <u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	Easting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

Ę				Li	thology		T	Struc	ture	1		Sa	mpling			-		Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	0	6.3	Overburden/Lost Core (2)	Överburden															
	6.3	10.11	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak but spotty magnetic succeptability.				13583	6.3 8	8 10.11	1.7 2.11	17		0.01			
10							10.11	40	contact	13585	10.11	12.34	2.23	115		1.5			
										13586	12.34	14	1.66	1180	1.23	4.5			
15-										13587	14	15.9	1.9	50		2.5			
						Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				13588	15.9	17	1.1	53		1.5			
-	10.11	33.32	Keewatin Metavolcanic Rocks (4)	Tuff		uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate atteration. In addition the unit has weak to moderate but spotty				13589	17	18.5	1.5	62		1.5	17.57	-43.1	341.1
20			(4)			magnetic susceptability. Furthermore, locally crackeled.				13590	18.5	20	1.5	5		1.5		1	
-										13591	20	21.5	1.5	12		1.5			
										13592	21.5	23	1.5	65		1.5			
										13593	23	24.5	1.5	36		1.5			
25 -						1 of 6				13594	24.5	26	1.5	626		2.5			
/		<u> </u>						I	l	13595	_26	27.5	1.5	521	L	1.5	I	I	

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Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	Sca	<u>led Diamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

āļ-				Li	thology			Struc	ture			Sa	ampling	}				Survey	/S
Š	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Ge	FA-Grv (ar)	Py%	Depth	Dip	A
	10.11	33.32	Keewatin Metavolcanic Rocks (4)	Tuff		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak to moderate but spotly imagnetic susceptability. Furthermore, locally crackeled				13595 13596 •	26 27.5	27.5 29	1.5	521 31		1.5 1.5			
-							-'			13597	29	30.5	1.5	57		1.5			
-									1	13598	30.5	32	1.5	88		2.5			
-							33.32	30	contact	13599	32	33.32	1.32	310		3.5			
							33.32	50	contact	13601	33.32	35	1.68	1453	1.44	10.5			
										13602	35	36.5	1.5	810		8			
-						Unit is generally, pale red-brown with a uniform				13603	36.5	38	1.5	1061	1.1	8.5			ł
	33,32	44.73	Grey Porphyry (6)	Feldspar Porphyry		appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	39	35	schistosity	13604	38	39.5	1.5	2169	2.26	8			
						Furthermore, appears to be aplific phase of porphyry.				13605	39.5	41	1.5	1968	2.06	8			
						Unit is generally, pale grey-brown with a uniform appearance. It is fine grained with a	-			13606	41	42.5	1.5	963		7.5			
-						massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				13607	42.5	44	1.5	3272	3.46	9			
						Unit is generally, dark green with a spotted appearance. It is fine to medium grained with a porphyrilic texture. It has a strong and	44.73	70	contact	13608	44	44.73	0.73	2828	2.85	9			ĺ
-			Keewatin			pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with a				13609	44.73		1.27	120		1.5			
-	44.73	48.65	Metavolcanic Rocks (4)	Tuff		Uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	N.			13610	46	47.5	1.5	299		1.5			
	48.65	49.16	Lamprophyre (9) Keewatin	Undifferentiated		Unit is generally, dark green with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a strong and	48.65 49.16	40	contact contact	13611	47.5	49.16	1.66	488		2.5			
	49.16	50.71	Metavolcanic Rocks	Tuff		pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with a	50.71	40	contact	13612	49.16	50.71	1.55	323		1.5			
	50.71	52.67	Lamprophyre (9) Keewatin	Undifferentiated		uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition	N .			13613	50.71	52.67	1.96	184		0.01			
	52.67	56.65	Metavolcanic Rocks	Tuff		the unit has moderate and pervassive magnetic susceptability	52.67	50	contact	13614	52.67	54	1.33	751	1	1.5	j		1

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited	<u> </u>	Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

ţ.				Li	thology			Struc	ture		·	Sa	ampling	}				Survey	/S
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge o (ppb) 751	A-Grv	Py%	Depth	Dip	Az
55 ~-	52.67	56.65	Keewatin Metavolcanic Rocks \(4)	Tuff		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.		icg	· · · · · · · · · · · · · · · · · · ·	13614	52.67 54	54 55.5	1.33 1.5	751 738	_(9!/_	1.5 1.5			
							56.65	30	contact	13616	55.5	56.65	1.15	136		1.5			
										13617	56.65	58	1.35	155		0.01			
-						Unit is generally, dark green with a spotted				13618	58	59.5	1.5	187		0.01			
60	56.65	63.78	Lamprophyre (9)	Undifferentiated		appearance. It is fine to medium grained with a porphynitic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				13619	59.5	61	1.5	89		0.01			
-						Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				13620	61	62.5	1.5	464		0.01			
-	63.78	64.26	Keewatin Metavolcanic Rocks	Tuff		massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	63.78 64.26	40 30	contact contact	13621	62.5	64	1.5	201		0.01			l
65 -	64.26	66.17	(4) Lamprophyre (9)	Undifferentiated		Unit is generally, dark green with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition	04.20	30	Comaci	13622 13623	64 65	65 66.17	1	375 98		0.01			
-						the unit has no magnetic susceptability. Unit is generally, medium green-grey with a	66.17	45	contact	13624	66.17	67.5	1.33	103		1.5			
	66.17	68.8	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic carbonation.				13625	67.5	68.8	1.3	291		1.5			
70	68.8	71.73	Lamprophyre (9)	Undifferentiated		susceptability. Unit is generally, dark green with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a strong and	68.8	50	contact	13626	68.8	70.25	1.45	243		0.01			
-						pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	71.73	50	contact	13627	70.25	71.73	1.48	28		0.01			
-										13628	71.73	73.25	1.52	244		1.5			
						Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				13629	73.25	74.75	1.5	299		1.5			
75-	71.73	84.26	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic				13630	74.75	76.25	1.5	342		1.5			
-						susceptability. Furthermore, faint white lathssphene?, hard weakly silicified.				13631	76.25	77.75	1.5	260		1.5	77.57	-43.5	338.3
						3 of 6				13632	77 75 79.25	1	1.5	136 287		1.5 2.5			

Contractor:	Heath & Sherwoo	d <u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	<u>Sca</u>	<u>led Díamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexi	t Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

pth				Lit	hology			Struc	ture	1		Sa	ampling	1				Survey	/S
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Ge o (ppb)	A-Grv	Py%	Depth	Dip	Az
30 · · · - - - -	71.73	84.26	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, faint white lathssphene?, hard weakly slicified.				13633	79.25 80.5	80.5 82	1.25	287 38		2.5 2.5			
-							1			13635	82	83.5	1.5	201		2.5			
							84.26	70	contact	13636	83.5	84.26	0.76	303		2.5	1		
35	84.26	88.34	Keewatin Metavolcanic Rocks (4)	Amphibolite		Unit is generally, dark grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability. Furthermore, possibly a phase				13637	84.26 85.5	85.5 87	1.24	84 220		1.5			
						of lamprophyre but magnetic and hard or amphibolitized mafic metavolcanic.				13639	87	88.34	1.34	392		1.5			
-	88.34	89.25	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium green with a ribboned appearance. It is very fine grained with a contorted texture. It has a strong and	88.34 89.25	60 60	contact	13640	88.34	89.25	0.91	310		3.5			
90	89.25	91.27	Lamprophyre (9)	Undifferentiated		pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.	1			13641	89.25	90.25	1	378		1.5			
						Unit is generally, dark green with a spotted appearance. It is fine to medium grained with	91.27	70	contact	13642	90.25	91.27	1.02	330		1.5			
	91.27	93.57	Keewatin Metavolcanic Rocks	Ultramafic Metavolcanic		a porphynitic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	92.7	60	schistosity	13643	91.27	92.5	1.23	246		4	1		ĺ
95			(4)			Unit is generally, medium grey with a banded appearance. It is very fine grained with a sheared lexture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic isusceptability.	93.57	70	fault gouge	13644 13645	92.5 93.67	93.57 95.5	1.07	220 107		6 1.5			
						<u></u>				13646	95.5	97	1.5	217		1.5			
										13647	97	98.5	1.5	15		0.5	l		
00	93.57	136	Keewatin Metavolcanic Rocks	Ultramafic Metavolcanic		Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a stockwork texture. It has a strong and pervasive Ca-carbonate alteration. In addition				13648	98.5	100	1.5	11		0.5			
-			(4)			the unit has weak to moderate magnetic susceptability. Furthermore, local spinefex, irregular carbonate vein stockwork.				13649	100	101.5	1.5	12		0.5			
										13651	101.5	103	1.5	12		0.5			
-										13652	103	104.5	1.5	3		0.5			1
d5 -						4 of 6				13653 13654	104.5 106	106 107,5	1.5	8		0.5			1

Contractor:	Heath & Sherwoo	d <u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexi	t Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

Ę				Lit	hology			Struct	ture	1			mpling					Surve	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No 13654	From	То	Width	FA-Ge	FA-Grv (gr)	Py%	Depth	Dip	Az
	93.57	136	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a stockwork texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak to moderate magnetic susceptability. Furthermore, local spinefex, irregular carbonate vein stockwork.				13654 13655	106 107.5		1.5 1.5	9		0.5			
10										13656	109	110.5	1.5	12		0.5			
-										13657	110.5 112	112 113.5	1.5	7		0.5			
										13659	113.5	115	1.5	19		0.5			
115										13660	115	116.5	1.5	8		0.5			
-										13661	116.5		1.5	7		0.5			
										13662	118	119.5 121	1.5 1.5	5		0.5		1	
-										13664	121	122.5	1.5	7		0.5			
-										13665	122.5	124	1.5	7		0.5			
25 -										13666	124	125.5	1.5	5		0.5	125.57	-43.5	338.3
				-						13667 13668	125.5	127 128.5	1.5	15 5		0.5 0.5			
										13669	128.5	130	1.5	8		0.5			
130										13670	130	131.5	1.5	10		0.5			
						5 of 6				13671	131.5	133	1.5	114	1	0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-35
Hole Commenced:	23-Feb-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	25-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	136
Date Logged:	26-Feb-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525905.6	Northing (NAD27):	5312292.6	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	772.4	Casing:	casing in hole

Q				Lit	hology		1	Struc	ture			Sa	mpling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No 13671	From		Width	FA-Ge o (ppb) 114	FA-Grv	Py%	Depth	Dip	Az
135 -	93.57	136	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a stockwork texture. If has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak to moderate magnetic susceptability. Furthermore, local spinefex, irregular carbonate vein stockwork.		<u>l</u> ua		13671 13672 13673	131.5 133 134.5	133 134.5	1.5 1.5 1.5	0 (000) 114 67 100	_(9!)_	0.5 0.5 0.5			
140	136	136				Furthermore, drill core stored by the Malachewan Consolidated Mine Number 3 \Shaft site				•									
145 -																			
150 -																			
155 -						6 of 6				•									-

Contractor:	Heath & Sherwood	Young-	Davidson M	ines. Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	Sca	<u>led Diamond</u>	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

£				Li	thology			Struc				Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Ру%	Depth	Dip	Az
	0	1.5	Overburden/Lost Core (2)	Overburden															
2	1.5	2.72	Overburden/Lost Core (2)	Overburden		Furthermore, ground & lost core.													
311111	2.72	3.3	Lamprophyre (9)			/ Unit is generally, medium grey with a uniform appearance. It is medium gained with a massive texture. In addition the unit has 3 magnetic susceptability. Furthermore, BLOCKY & BROKEN CORE THRO; BC on gnd core section, possibly alli boulders.													l
++++										13674	3.3	4.7	1.4	36		0.5			
00 11111111111111111111111111111111111							6	30	schistosity	13675	4.7	6.07	1.37	58		0.55			
	3.3	12.98	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a breciated texture. It has a strong and pervasive Fe-carbonate alteration. Furthermore, th to t bnds epid-carb altn thro, BC irreg intrusive.				13676	6.22	7.42	1.2	74		2			
			~ f	N	7		2			13677	7.42	9	1.58	46		1			
LIIIIIIIII			DJ.C			1 of 17				13678	9	10.5	1.5	222		3			
				, () 201 11															



CAIRO

41P15NE2027 2.28438

Contractor:	Heath & Sherwood	Young	-Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	Sca	led Diamond	<u>l Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

Ę.				[ithology	,,,,,,,	T	Struc	ture			Sa	ampling]				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
	3.3	12.98	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a breclated texture. It has a strong and pervasive Fe-carbonate alteration Furthermore, th to t binds epid-carb altin thro. BC irreg intrusive.				13678	9	10.5	1.5	o (ppb) 222 46	<u>(9</u> 1)	3			
12						Unit is generally, dark red-brown with a banded appearance. It is medium to coarse grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration In addition the unit has 0 magnetic	- 12.98	39	contact	13679	10.5		1.36	220		3.5			
14	12.98	13.78	Alkalic Intrusive (7)	Syenite		susceptability Furthermore. wk leucoxene strs? thro. Unit is generally, medium grey with a uniform appearance. It is very fine grained with a	13.78	15	contact	13681	12.98	13.78	0.8	784		5			
15	13.78	14.78	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		midly brecciated texture if has a weak and pervasive hematitic alteration. In addition the unit has 2 magnetic susceptability Furthermore, very wk perv. hem thro, minor fg py strs & clots on fracs.				13682	13.78	14.78	1	119		3			
	14.78	15.78	Lamprophyre (9)			appearance. It is fine to medium grained with appearance. It is fine to medium grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has 4 magnetic susceptability.				13683	14.78	15.78	1	630		2			
16										13684	15.78	16.57	0.79	318		4		a construction of the second se	
17	15.78	33 49	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration Furthermore, vfg chilled to wikly fractured mssv med beds maint flows i/c with chi'c m-cg mainc hyalotuffs showing good shards, wik chi & epd in tuff beds thro, BC shards, and cu & bed in 15,78-16,57, CA@55dca, 19,52-19,71, 20,21-21,57, CA@404dca minori i/c fin wo bombs;				13685	16.57	18	1.43	251		1			
19 						24 36-24 70, 25 17-25 49: 25 96-27 50, 27 71-28 18, 28 70-29 49, CA@ 40dca				13686	18	19.52	1.52	26		2			
	•			<u> </u>		2 of 17			L	13687	19.52	20.21	0.69	31		1			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

Ę			· .	L	ithology			Struc				Sa	ampling	}		1		Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 31	FA-Grv	Py%	Depth	Dip	Az
20	15.78	33.49	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	-	Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture I I has a strong and pervasive Fe-carbonate alteration Furthermore, vig chilled to wity fractured mssv med beds maic flows i/c with chi'c m-cg maic hyalotuffs showing good shards, wit chi & epid in tuff beds thro. BC shor, mafic tuff beds at 15 78-16 57. CA@50dca.1 952-19.71, 20 21-21.57. CA@40dca.moor i/c fg mvo bombs; '24 J8-24.70; 25.77-25.49, 25.96-27.50. 27 71-28 H8. 28 70-29 49, CA@ 40dca.				13687	19.52	20.21	0.69	43	<u>(</u> gr)	0.1			
22							-			13689	21.57	23	1.43	263		0.5			
23																			
24 -										13690	23	24.36	1.36	127		1.5			
							24.36	18	bedding										
25 -										13691	24.36	25.96	1.6	22		1	25.57	-44.9	327.6
26																			
27 -										13692	25.96	27.5	1.54	31		1			
28-1										13693	27.5	28.5	1	38		0.5			
29 - 										13694	28.5	29.49	0.99	60		1			
- - -						3 of 17]		13695	29.49	30 93	1.44	60		0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

Ę.				Li	thology	· · · · · · · · · · · · · · · · · · ·	-	Struc	ture			Sa	ampling					Survey	'S
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	FIOIN	То	Width	FA-Ge o (ppb) 60	FA-Grv (ar)	Py%	Depth	Dip	Az
1 1 11 11 11 11 11 11 11 11 11 11 11 11	15.78	33 49	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture it has a strong and pervasive Fe-carbonate alteration. Furthermore, vfg chilled to withy fractured mssv med beds mafic flows i/c with chi'c m-cg mafic hyalottifs stowing good ishards, with the dest at 15.78-16.57, CA@85dca; 19.52-19.71, 20.21-21.57, CA@40dca; 19.52-19.71, 20.21-21.57, ICA@40dca; 19.52-19.72, 20.22-7.50, 27.71-28.18; 28.70-29.49, CA@ 40dca.				13695	29.49 30.93	30 93 32 54	1.44	60		0.5			
3 1 1 1 1 1 1 1										13697	32 54	33 49	0.95	396		1			
4										13698	33.49	34.6	1.11	96		1.5			
	33.49	37.19	Keewatin Metavolcanic Rocks (4)	Tuff		Unit is generally, dark green-grey with a mottled appearance. It is medium to coarse grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has 6 magnetic susceptability. Furthermore, thb mafic hyalotuffs showing well preseved mafic glass shards, matrix day aitd, minor med strs of lamp? thro. grades into.				13699	34.6	36.19	1.59	227		2			
للمتطلب										13701	36.19	37.19	1	867		3			
8 			Keewatin			Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration.				13702	37.19	38.3	1.11	21		0.5			
0 1	37.19	46.5	Metavolcanic Rocks (4)	Mafic Metavolcanic		In addition the unit has 3 magnetic susceptability. Furthermore, similar to 15 78-33 49, but less hyalotuff: tuff beds at 38 30-39 03; 39 97-40 13, 40 75-41 46, 42 68-42 79;45 16-45 77.	39.03	15	bedding	13703	38.3	39.03	0.73	22		0.5			
للسأنفذ						4 of 17				13704	39.03	40.75	1.72	200		05			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01 - Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

Ę				Li	thology			Struc	ture	1		Sa	ampling	3				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	Az
40	37.19	46.5	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has 3 magnetic susceptability. Furthermore, similar to 15 78-33 49, but less hyalotuff; tuff beds at 38 30-39 03; 39 97-40 13; 40 75-41 46, 42 68-42, 79:45 16-45.77		iça		13704	39.03 40.75	40.75	0.71	o (ppb) 200 14	(91)	0.5			
42										13706	41.46	42.68	1.22	41		1			
43										13707	42.68	44	1.32	22		0.1			
45										13708	44	45.16	1.16	40		0.1			
										13709	45.16	45.77	0.61	41		2.5			
46 -							46.5	45	contact	13710	45.77	46.5	0.73	8		0.1			
47						Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a massive texture. If has a weak and				13711	46.5	47.5	1	107		0.1			
48 -	46.5	49.03	Lamprophyre (9)			pervasive Fe-carbonate alteration. In addition the unit has 0 magnetic susceptability. Furthermore, below 47.50 becoming finer grained and chilled downhole. Unit is generally, medium green-grey with a banded appearance. It is coarse grained with a massive texture.	-			13712	47.5	49.03	1.53	7		0.1			
49	49.03	53.4	Keewatin Metavolcanic Rocks (4)	Tuff	Breccia	pervasive Fe-carbonate alteration in addition the unit has 3 magnetic susceptability. Furthemore, thick flow top/basal bx bed. monomictic mafic volic, clasts matrix 5 of 17 supported, grades into.				13713	49.03	50 42	1.39	15		0.1			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

튄				Li	thology			Struc				Sa	ampling					Surve	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	To	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
50	49.03	53.4	Keewatin Metavolcanic Rocks (4)	Tuff	Breccia	Unit is generally, medium green-grey with a banded appearance. It is coarse grained with a massive texture II has a strong and pervasive Fe-carbonate alteration. In addition the unit has 3 magnetic susceptability. Furthermore, thick flow top/basal bx bed. monomictic mafic volc., clasts matrix supported, grades into.				13713		50.42 51.88	1.39	31		0.1			
53										13715	51.88	53.4	1.52	22		0.1			
54 . 										13716	53.4	54.74	1.34	19		0.1			
55	53.4	57.24	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)	siltstone	Unit is generally, medium grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has 0-1 in first in becoming 2 thro magnetic susceptability. Furthermore, unit shows weak thin bed textures from54.74-55.74 with minor py strs, wk gr chialt'n dev'd on fractures.				13717	54.74	55.74	1	110		3.5			
. 11.										13718	55.74	57.24	1.5	15		2			
57 - - - 58 -	57.24	58.09	Alkalic Intrusive (7)	Contact Zone		Unit is generally, dark grey with a mottled appearance. It is coarse grained with a breciated texture. It has a weak but spotty hematitic alteration. In addition the unit has 5 magnetic susceptability. Furthermore, unit is a parity melled/hybrid zone, feldspathized with partitaly melled textures, wk perv dusty hematite thm, mod py strs & thds pts.	58.09	60	contact	13719	57.24	58.15	0.91	583		6			
59	58 09	63 98	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance it is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. Furthermore, unit is a highly altered sequence, re-xtazed, possibly a sediment as above, with minor x cutting py strs & thds thro.				13720	58 15	59.5	1.35	22		1			
- i -						6 of 17				13721	59 5	60.5	1	46		4			

Heath & Sherwood	<u>Young-</u>	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-36
26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole
	26-Feb-04 28-Feb-04 R.V. Zalnieriunas 01-Mar-04 metres Eas	26-Feb-04 <u>Sca</u> 28-Feb-04 R.V. Zalnieriunas Township: 01-Mar-04 NTS: metres Easting (NAD 27):	26-Feb-04Scaled Diamond28-Feb-04OKA ProjR.V. ZalnieriunasTownship:01-Mar-04NTS:42P/15metresEasting (NAD 27):525987.3	26-Feb-04Scaled Diamond Drill Log28-Feb-04OKA ProjectR.V. ZalnieriunasTownship:CairoClaim Number:01-Mar-04NTS:42P/15UTM Zone:metresEasting (NAD 27):525987.3Northing (NAD27):	26-Feb-04Scaled Diamond Drill LogColl.28-Feb-04OKA Project7R.V. ZalnieriunasTownship:CairoClaim Number:01-Mar-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):525987.3Northing (NAD 27):5312288	26-Feb-04Scaled Diamond Drill LogCollar Azimuth:28-Feb-04OKA ProjectCollar Dip:R.V. ZalnieriunasTownship:CairoClaim Number:01-Mar-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):525987.3Northing (NAD27):5312288

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Ge o (ppb) 46	FA-Grv	Py%	Depth	Dip	Az
60	58.09	63.98	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. Furthermore, unit is a highly aftered sequence, re-xtazed, possibly a sediment as above, with minor x cutting py istrs & thds thro.				13721	59.5	60.5			(9)				
62										13722	60.5	62	1.5	46 34		0.5			
64			Alkalic Intrusive (7)			Unit is generally, medium orange with a mottled appearance. It is medium to coarse grained with a midly breccated texture. It has a weak and pervasive hemathic alteration.				13724	63	63.98	0.98	282		1			
65	63.98	64.3	Aikalic Intrusive (7)	Syenite		nas a weak and pervasive namatic atteration. In addition the unit has 0 magnetic susceptability. Furthermore, weak buff-grey qtz thds & strs sealingbfractures thro.	64.3	40	contact	13725	63.98	64.73	0.75	265		1			
66										13726	64.73	66	1.27	33		1			
67	64.3	70.52	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a weak but spoty Fe-carbonate alteration. In addition the unit has 0 to 67.4, 2-4 in balance magnetic susceptability. Furthermore, similar to 58 09-63.98, degree of part melting increasing down hole and becomes mg. could be considered a re-stalized contact homfel; FE-carb all'n decreasing downhole.				13727	66	67.4	1.4	122		0.75			
68										13728	67.4	69	1.6	62		1			
69						7 of 17				13729	69	70.52	1.52	55		1.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamona</u>	I Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	A-Grv	Py%	Depth	Dip	Az
70	64.3 70.52	70.52 72.06	Keewatin Metavolcanic Rocks (4) Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has 0 to 67.4.2.4 in balance magnetic susceptability. Furthermore similar to 68.09-63.98, degree of part, melting increasing down hole and becomes mg, could be considered a re-xtalized contact homfel. FE-carb alth decreasing downhole. Unit is generally, medium fo coarse grained with a massive texture. It has a weak and pervasive Ca-carbonate alteration. In addition the unit has 0 magnetic susceptability. Furthermore, unit wkly biotite porphyritic. wk chi alting dm mass thro.	72.06	43	contact	13729	69 70.52	70 52	1.52	19		0.1			
73 -										13731	72.06	73.7	1.64	53		3			
74	72.06	76.69	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture It has a moderate and pervasive Ca-carbonate alteration. Furthermore, similar to 58.09-63.98; possibly alt d sediment, moderate thick binds of perv. fe-carb alt'n developing downhole.				13732	73.7	75.2	1.5	304		0.1			
76 -										13733	75.2	76.69	1.49	36		0.1	75.57	-44.7	334
77-1										13734	76.69	77 79	1.1	101		0.1			
78	76.69	81.47	Grey Porphyry (6)	Felsite		Unit is generally, pale grey with a banded appearance. It is very fine grained with a mikily breciated texture I thas a weak but spotty Fe-carbonate alteration. Furthermore, rather than being a true influsive, unit may represent a silica/albite alt'n zone with minor hematite spotting & a minor lamp, strs band.	78.87	40	contact	13735	77.79	78.87	1.08	98		05			
79 -							/0.0/	40	COMACI	13736	78.87	79 48	0.61	224		1.5			
·				<u> </u>		8 of 17		1		13737	79.48	80.02	0.54	186		0.1	L	ł	l

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamond</u>	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

ŧ				Li	thology	· · · · · · · · · · · · · · · · · · ·		Struct	ure			Sa	mpling	 J			;	Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
80	76.69	81.47	Grey Porphyry (6)	Felsite		Unit is generally, pale grey with a banded appearance. It is very fine grained with a mildly brecataled texture. It has a weak but spotty Fe-carbonate alteration. Furthermore, rather than being a true intrusive, unit may represent a slica/abite alth zone with minor inematite spotting & a minor lamp, strs band.				13737	79.48	80.02 81.47	0.54	186 514		0.1			
82										13739	81.47	83.1	1.63	384		0.1			
84										13740	83.1	84 66	1.56	83		15		ļ	
85		i.	-			Unit is generally, medium grey with a banded appearance. It is medium gained with a				13741	84.66	85 22	0.56	52		0.5			
86	81.47	89.76	Lamprophyre (9)			banded texture. It has a weak but spotty hematitic alteration Furthermore, multiphased, med-th banded, biotitic lamp of i/c massive and bx bands and wkly hem'c alted walkr.				13742	85.22	85.89	0.67	112		1.5			
										13743	85.89	86 89	1	14		2.5			
87										13744	86.89	87.89	1	241		2			
88 -										13745	87.89	88.89	; 1	408		4			
89 						9 of 17				13746	88.89	89.76	0.87	186		4			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamonc</u>	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

				Li	thology			Struc				Sa	ampling					Survey	ys
	rom	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	FIONE	То	Width	FA-Ge o (ppb) 186	FA-Grv (ar)	Py%	Depth	Dip	Az
	.47	89 76	Lamprophyre (9)			Unit is generally, medium grey with a banded appearance. It is medium gained with a banded texture. It has a weak but spotty hemattic alteration. Furthermore, multiphased, med-th banded, biotitic lamp of i/c massive and bx bands and wkly hem'c alted wallrx.	89.76	42	contact	13746		89.76 91.25		93	(9 '/	4			
فلبتياليبيتني										13748	91.25	92.75	1.5	459		0.1			
بلينتين بيبينة وم						Unit is generally, pale green-grey with a nbboned appearance. It is fine grained with a				13749	92.75	94.25	1.5	88		2			
	76	99.96	Keewatin Metavolcanic Rocks (4)	Undifferentiated		mildly brecatad texture. It has an equal and pervasive Fe-carbonate alteration. Furthermore, highly attd and re-xtalized volc/inth, to felted, poss tremolitic, mod wh qtz carb strs & thds thro and diss py & py str thds, BC on minor qtz-chl vein.				13751	94 25	95.75	1.5	119		0 1			
										13752	95.75	97.25	1.5	155		0.1			
لثقيب أتبيات										13753	97.25	98.72	1.47	220		1.5			
يايا يا يا معالم						10 of 17	7			13754	98 72	100.2	1.48	488		0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

epth				Li	hology	·		Struc				Sa	mpling			}		Survey	S
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
100	89.76	99.96	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, pale green-grey with a ribboned appearance. It is fine grained with a mildly brecitated texture. It has a weak and pervasive Fe-carbonate alteration. Furthermore, highly alt'd and re-stalized volc/intr, bit fetted, poss tremolitic, mod wh qtz carb strs & thds thro and diss py & py str thds. BC on minor qtz-chl vein.	99.96	43	vein	13754	98.72 100.2	100.2	1.48	488	(9.)	0.5			
102										13756	101.64	102.57	0.93	710		2.5			
103	99 96	106.58	Keewatin Metavolcanic Rocks (4)	Chlonte Schist		Unit is generally, dark grey-brown with a nbboned appearance. It is fine grained with a thickly laminated texture. It has a strong and pervasive ccl alteration. Furthermore, wkly				13757	102.57	103.07	0.5	736		2.5			
104 -						pyntic calcite-chl schist, weakly bx'd & contonted, grades downhole to chischist.				13758	103.07	104.5	1.43	172		1.5			÷
105										13759	104.5	106	1.5	132		2.5			
106							107	45	schistosity	13760	106	107	1	230		3			
108 -	106 58	109.88	Keewatin Metavolcanic Rocks (4)	Talc Chlorite Schist		Unit is generally, dark grey with a ribboned appearance. It is fine grained with a banded texture. It has a strong and pervasive ccl alteration Furthermore, bit blocky & broken thro.				13761	107	108.4	1.4	91		0.1			
109 -						11 of 17				13762	108 4	109 88	1.48	196		01			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

手				Li	thology			Struc	cture			Sa	mpling)				Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 196	FA-Grv (ar)	Py%	Depth	Dip	Az
110	106.58	109 88	Keewatin Metavolcanic Rocks (4)	Talc Chlorite Schist		Unit is generally, dark grey with a hoboned appearance. It is fine grained with a banded texture. It has a strong and pervasive ccl alteration. Furthermore, bit blocky & broken thro.	109.88		schistosity	13762	108.4	109.88	1,48	196		01			
111										13763	109.88	111.3	1.42	139		5			
112										13764	111.3	112.6	1.3	124		6			
113			Keewatin			Unit is generally, medium grey with a ribboned appearance. It is fine grained with a banded texture. It has a weak and pervasive				13765	112.6	113.1	0.5	227		3			
114	109.88	117.05	Metavolcanic Rocks (4)	Talc Chlorite Schist		Ca-carbonate alteration. Furthermore, thickly bridd; tg diss py thro; white dry looking qv flats flats at 112.72-112.93 & 114.32-114.68; unit grades into.				13766	113 1	114.2	1.1	200		10			
							114.68	65	flat	13767	114.2	114.8	0.6	194		2			
115							115.35	63	schistosity	13768		115.35		110		2			
116										13769	115.35	116.09	0.74	24		0.5			
117										13770	116.09	117.05	0.96	160		10			
118	117.05	121.59	Keewatin Metavolcanic Rocks (4)	Talc Chlorite Schist		Unit is generally, pale green-grey with a nbboned appearance. It is fine grained with a banded texture. It has a strong and pervasive Ca-carbonate atteration. Furthermore, grrades into				13771	117.05	118.5	1.45	136		1.5			
119						12 of 17				13772	118.5	120	1.5	53		0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hold Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

ţ				Lit	hology			Struc				Sa	ampling			-		Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No 13772	From	То	Width	FA-Ge o (opb) 53	FA-Grv (gr)	Py%	Depth	Dip	Az
120	117.05	121.59	Keewatin Metavolcanic Rocks (4)	Talc Chlorite Schist		Unit is generally, pale green-grey with a nbboned appearance. It is fine grained with a banded texture. It has a strong and pervasive Ca-carbonate alteration iFurthermore, grrades into.				13772	118.5	120	1.5	53		0.5			
121										13773	120	121.59	1.59	21		1			
122							121.89	35	contact	13774	121.59	122.62	1.03	225		0.1			
123										13775	122.62	124	1.38	83		01			
124			Keewatrn			Unit is generally, medium green-grey with a banded appearance. It is fine grained with a foliated texture. It has a moderate and				13776	124	125.5	1.5	84		0.1			
126	121.59	133.65	Metavolcanic Rocks (4)	Mafic Metavoicanic		Tonaed texture. If has a moderate and pervasive Fe-carbonate alteration Furthermore, fine, mg magnetite thas devid thro ptf, in part not magnetic, grades into.				13777	125.5	127	1.5	57		0.1			
127										13778	127	128.5	1.5	13		0.1			
129						13 of 17	,			13779	128 5	130	15	56		0.1			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines <u>, Limited</u>		Drill Hole:	OK04-36
Hole Commenced:	25-Feb-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

ţ				Lit	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 56	FA-Grv	Py%	Depth	Dip	Az
130	121.59	133.65	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a foliated texture. It has a moderate and pervasive Fe-carbonate alteration. Furthermore, fine, mg magnetite thids devid ithro ptf, in part not magnetic, grades into		104		13779	128.5				(91)				
131										13780	130	131.5	1.5	14		0.1			
132										13781	131.5	133	1.5	8		0.5			
134							133.65	57	contact	13782	133	133.65	0.65	69		0.1			
135										13783	133.65	135	1.35	17		0.1			
136	133.65	147.89	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium grey with a hbboned appearance. It is fine grained with a banded texture. It has a strong but spotty Ca-carbonate alteration. Furthermore, thick-med bnds of missv 4umv i/c with thi tcls thro, mod shd thro BC shp				13784	135	136.5	1.5	3		0.1			
138										13785	136.5	138	1.5	13		01			
139 —						14 of 17				13786	138	139.5	1.5	22		01			

Contractor:	Heath & Sharwood	<u>Young-</u>	Davidson M	ines, Limited		Drill Hole:	OK04-36
ole Commenced:	26-Feb-04	Sca	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in ho

				Lit	hology			Struc		1		Sa	ampling					Survey	ys
ſ	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Gr	Py%	Depth	Dip	
	133.65	147.89	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium grey with a hibboned appearance. It is fine grained with a banded texture. It has a strong but spotty Ca-carbonate alteration. Furthermore, thick-med bnds of mssv 4umv <i>i/c</i> with thi tcls ithro, mod shd thro BC shp.				13786 13787	138	139.5	1.5	55		0.1			
										13788	141	142.5	1.5	8		0.1			
										13789	142.5	144	1.5	12		0.1			
										13790	144	145.5	1.5	14		0 1			
										13791	145.5	147	1.5	15		0.1			
							147.89	52	contact	13792	147	148.5	1.5	10		0.1			
	147.89	153.5	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a banded texture It has a weak and pervasive to atteration. Furthermore, possible chi alth zone to intrusive as follows. 15 of 1	7			13793	148.5	150	1.5	22		0.1			

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	<u>led Diamond</u>	I Drill Log	Coll	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

÷				Li	thology		1	Struc	ture	1		Sa	ampling	,				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No		То	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
150	147.89	153.5	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a banded texture It has a weak and pervasive to alteration. Furthermore, possible chi alth zone to intrusive as tollows.				13793	148.5	150	1.5	22	.9./	0.1			
151 -										13794	150	151.5	1.5	52		0.1			
152										13795	151 5	152.5	1	55		0.1			
153										13796	152 5	153.5	1	76		0.1			
154	153.5	156.18	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale grey with a motified appearance. It is coarse grained with a massive texture. It has a weak but spotty				13797	153.5	155	1.5	55		0.1			
155 - - - - 156 -						Fe-carbonate alteration. Furthermore, minor party digested wallrx xeno's.	156.18	20	contact	13798	155	156.18	1.18	74		01			
157			Keewatin			Unit is generally, dark green with a banded appearance. It is fine grained with a massive				13799	156.18	157.54	1.36	67		0.1			
158	156.18	161	Metavolcanic Rocks (4)	Chlorite Schist		appearance: It is line graneo with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. Furthermore, chionte alteration zone, EOH 161.00m.				13801	157.54	158.54	1	5		0.1			
159						16 of 17				13802	158.54	159.59	1.05	7		0.1		-	

Centractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-36
Hole Commenced:	26-Feb-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	28-Feb-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	161
Date Logged:	01-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525987.3	Northing (NAD27):	5312288	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1670	Grid Northing:	730	Casing:	casing in hole

ŧ				Li	thology			Struc	ture	ł		Sa	ampling					Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	Az
160	156.18	161	Keewatin Metavolcanic Rocks (4)	Chionie Schist		Unit is generally, dark green with a banded appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration Furthermore, chlorite alteration zone, EOH 161.00m.		iça		13802	158 54	159.59	1.05	7 7	(gr)	0.1			<u>;</u>
161	161	161				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site	 161	57	schistosity	13803	159.59	161	1.41	5		0.1			
162																			
163																			
164																			
165																			
166																			
167																			
168																			
169 -						17 of 1	7									i			

Contractor:	Heath & Sherwood	Young-	Davidson M		OK04-37		
Hole Commenced:	28-Feb-04	Sca	<u>led Díamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	01-Mar-04		<u>OKA Proj</u>		-45		
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	101
Date Logged:	03-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525936.6	Northing (NAD27):	5312234.3	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	706.4	Casing:	casing in hole

Ę				Lit	hology]	Struc	ture			Sa	mpling				Surveys		
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
-										13804	0	1.5	1.5	120		0.5			
-							1.84 2.84	40 50	bedding bedding	13805	1.5	3	1.5	280		0.5			
-										13806	3	4.5	1.5	303		0.5			
5							5.08 5.8	40 40	bedding bedding	13807	4.5	6	1.5	134		0.5			
-						Unit is generally, medium grey with a banded appearance. It is very fine grained with a				13808	6	7.5	1.5	95		0.5			
-	0	17.08	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability.				13809	7.5	9	1.5	53		0.5			
10 -						Susceptionity.				13810	9	10.5	1.5	58		0.5			
										13811	10.5	12	1.5	155		0.5			
	ļ									13812	12	13.5	1.5	141		0.5 0.5			:
15 -							15.28 15.31	40 50	bedding bedding	13813	15	15	1.5	783		1.5			
							17.08		contact	13815	16.5	17.08	0.58	91		1.5			
						Unit is generally, medium green-grey with a	18.15	20	contact	13816	17.08	19	1.92	38		1.5			ł
20 -	17.08	23.72	Keewatin Metavolcanic Rocks	Mafic Metavolcanic	Flow	uniform appearance. It is fine to medium grained with a massive texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has weak and spotty		20	Contact	13817	19	20.5	1.5	22		2.5			
			(4)			magnetic susceptability. Furthermore, weak gabbroic texture. Unit is generally, medium green-grey with a				13818	20.5	22	1.5	31		2.5			
					e.	biotchy appearance. It is fine to medium grained with a mildly breccialed texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate				13819	22	23.5	1.5	34		2.5			
25	23.72	26.21	Keewatin Metavolcanic Rocks (4) Keewatin	Mafic Metavolcanic		and pervasive magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				13820	23.5	25	1.5	127		4			
	26.21	39.15	Metavolcanic Rocks	Matic Metavolcanic	Flow	massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition, the unit has no magnetic susceptability. Of 4	26.21		contact	13821 13822	25 26,21	26.21	1.21 1.29	21 31		2.5 .4_			



41P15NE2027 2.28438

CAIRO

Contractor:	Heath & Sherwoo	d <u>Young</u> -	Davidson M		Drill Hole:				
Hole Commenced:	28-Feb-04	<u>Sca</u>	led Diamonc	<u>I Drill Log</u>	Colla	ar Azimuth:	151.5		
Hole Completed:	01-Mar-04		<u>OKA Proj</u>		Collar Dip:	-45			
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	101		
Date Logged:	03-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ		
Measurement:	metres	Easting (NAD 27):	525936.6	Northing (NAD27):	5312234.3	Elevation:	350		
DH Survey:	Single Shot Flexi	t Grid Easting:	1600	Grid Northing:	lorthing: 706.4		casing in hole		

ţ			Weiner	Li	thology			Struc	ture			Sa	ampling	}			Surveys				
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az		
	26.21	39.15	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a storog and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.		.124		13822 13823	26.21 27.5	27.5 29	1.29 1.5	29		4 1.5					
30										13824	29	30.5	1.5	67		4					
-										13825	30.5	32	1.5	40		2.5					
										13826	32	33.5	1.5	232		2.5	ī				
35-										13827	33.5	35	1.5	26		2.5					
										13828	35	36.5	1.5	2897	2.78	2.5					
1										13829	36.5	38	1.5	72		2.5					
							39.15		contact	13830	38	39.15		36		2.5					
40										13831	39.15 40.5	40.5	1.35	21		1.5 1.5					
	39.15	47.61	Keewatin Metavolcanic Rocks	Mafic Metavolcanic	Flow	Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Ca-carbonate				13833	40.5	43.5	1.5	71		1.5					
45-	ÇU TO		(4)			alteration. In addition the unit has no magnetic susceptability. Furthermore, weak gabbroic texture, fineing with depth.				13834	43.5	45	1.5	143		1.5	43.57	-43.9	153.6		
-										13835	45	46.5	1.5	60		1.5					
-	Ĩ						47.61		contact	13836	46.5	47.61	1.11	206		3.5					
-						Unit is generally, medium green-grey with a uniform appearance. It is very fine grained				13837 13838	47.61 49	49 50.5	1.39	101		2.5					
50	47.61	62.68	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		with a massive texture It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotly magnetic susceptability. Furthermore, v weakly brecciated with possible pilow setvages.				13839	50.5	52	1.5	43		2.5					
						2 of 4				13840	52	53.5	1.5	22		2.5					

Contractor:	Heath & Sherwoo	d <u>Young</u> -	Davidson M		Drill Hole:				
Hole Commenced:	28-Feb-04	<u>Sca</u>	led Diamond	Colla	ar Azimuth:	151.5			
Hole Completed:	01-Mar-04		<u>OKA Proj</u>	<u>ect</u>		-45			
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	101		
Date Logged:	03-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ		
Measurement:	metres	Easting (NAD 27):	525936.6	Northing (NAD27):	5312234.3	Elevation:	350		
DH Survey:	Single Shot Flexi	t Grid Easting:	1600	Grid Northing:	706.4	Casing:	casing in hole		

Ę				Li	thology			Struc	ture	1		Sa	mpling			1		Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge 0 (ppb) 22	A-Grv	-у%	Depth	Dip	Az
55-	47.61	62.68	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and sporty magnetic susceptability. Furthermore, v weakly				13840 13841	52 53.5	53.5 55	1.5	50		2.5			
-						brecciated with possible pillow selvages.				13842	55 56.5	56.5 58	1.5	15 14		2.5 3.5			
										13844	58	59.5	1.5	14		3.5			
60										13845	59.5	61.18	1.68	45		2.5			
										13846	61.18	62.68	1.5	89		3.5			
										13847	62.68	64	1.32	29		2.5			
65										13848	64	65.5	1.5	22		1.5			
										13849	65.5	67	1.5	15		2.5			
						Unit is generally, medium green-grey with a				13851	67	68.5	1.5	19		4.5			
70	62.68	77.14	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		uniform appearance. It is very fine grained with a massive texture It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic				13852	68.5	70	1.5	38		4.5			
						susceptability. Furthermore, same as above.				13853	70	71.5	1.5	17 88		4			
										13855	72.56		1.44	41		4			
75						Unit is generally, medium green-grey with a inbboned appearance. It is very fine grained				13873	74	75.5	1.5	119		4			
-			Keewatin			with a sheared texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.	77.14	40	contact	13856	75.5	77.14	1.64	251		8.5			
-	77.14	78.66	Metavolcanic Rocks (4) Keewatin Metavolcanic Rocks	Chlorite Schist		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and nervasive Carcarbonate alteration. In articlian,	77.56 78.27 78.66	40 60 60	schistosity schistosity contact	13857	77.14		1.52	108		8.5			
i	78.66	99.75	(4)	Matic Metavolcanic		pervasive Ca-carbonate alteration. In addition, the unit has no magnetic susceptability OT 4			L	13858	78.66	80	1.34	33		3.5			

Contractor:	Heath & Sherwood	Young-	Davidson M		OK04-37		
Hole Commenced:	28-Feb-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	01-Mar-04		<u>OKA Proj</u>	ect		-45	
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	101
Date Logged:	03-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525936.6	Northing (NAD27):	5312234.3	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1600	Grid Northing:	706.4	Casing:	casing in hole

Ę				L	ithology			Struc	ture			Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (opb) 33	FA-Grv	Py%	Depth	Dip	Az
80 -	78.66	99.75	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.		, ca		13858 13859	78.66 80	80 81.5	1.34 1.5	33 6	<u> (9i) </u>	3.5 2.5			
-										13860	81.5	83	1.5	15		2.5			
										13861	83	84.5	1.5	22		1.5			
85										13862	84.5	86	1.5	14		1.5			
										13863	86	87.5	1.5	12		1.5			
										13864	87.5	89	1.5	19		1.5			
90										13865	89	90.5	1.5	105		1.5			1
										13866	90.5	92	1.5	12		1.5			
-										13867	92	93.7	1.7	24		1.5			
95 -							93.7		contact	13868	93.7	95	1.3	181		1.5			
95										13869	95	96.5	1.5	33		1.5	00.57		
						Unit is generally, medium green-grey with a				13870	96.5	98	1.5	95		1.5	96.57	-44.4	156
-						uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic				13871	98	99.75	1.75	15		1.5			
100	99.75 101	101 101	Lamprophyre (9)	Undifferentiated		All and a sub-control for the first first for fingulate susceptability. /Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.	99.75	60	contact	13872	99 75	101	1.25	14		0.01			
105 -						4 of 4													

Contractor:	Heath & Sherwood	d <u>Young</u>	-Davidson M	ines, Limited		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Co	llar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	ect ·		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 119	9662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	Easting (NAD 27):	526120.9	Northing (NAD27):	5312313.	8 Elevation:	354
DH Survey:	Single Shot Flexi	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

Ē	[Li	thology		<u> </u>	Struc	ture			Sá	ampling]	Surve	vs	7 1
Denth	From	То	Major Litho	Rock Type	Sublithology	Description		Angle	Туре	Sample	From	То	Width	FA-Ge	FA-Gr	Pv%	Depth	Dip	Az	-
5- 10- 20-	0	23.53		Undifferentiated	Subilitiology	Unit is generally, very dark grey with a uniform appearance. It is fine to medium grained with a sugary texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.		tca	i ype	- No			VVdti	<u>o (ppb)</u>	(gr)		15.57	-45.9	333.5	
25-	23 53	43.83	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		/Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive epidote alteration. In addition the unit has moderate spoty to pervasive magnetic susceptability. Furthermore, epidote alteration initially strong and spotty than moderate and of 7	23.53		contact	13874 13875 13876 13877	22 23.53 25 26.5	26.5	1.53 1.47 1.5 1.5	17 315 298 81		0.01 1 1				and a second



41P15NE2027 2.28438

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Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 1199	662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	526120.9	Northing (NAD27):	5312313.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

ŧ				L	thology		T	Struc	ture	1		Sa	ampling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Gr	Py%	Depth	Dip	Az
	23.53	43.83	Keewalin Metavolcanic Rocks \(4)	Mafic Metavolcanic		Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive epidote alteration. In addition the unit has moderate spotty to pervasive magnetic is usceptability. Furthermore, epidote alteration initially strong and spotty than moderate and pervasive.				13877	26.5 28	28 29.5	1.5	138		1			
30-										13879	29.5	31	1.5	478		1			
-										13880	31	32.5	1.5	265		1			
-										13881	32.5	34	1.5	463		1.5			
35									i	•13882	34	35.5	1.5	157		1.5			
-										13883	35.5	37	1.5	832		1.5			
										13884	37	38.5	1.5	270		1.5			
										13885	38.5	40	1.5	203	ļ	1.5			
40						Unit is generally, pale green-grey with a uniform appearance. It is fine to medium grained with a massive texture. If has a				13886	40	41.5	1.5	430		1.5			
						Istrong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				13887	41.5	43	1.5	746		1			
						Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a contorted texture. It has a strong and	43.88	60	contact	13888	43	43 88	0.88	2057	2.16	1.5			
45 -	43.88	47.34	Lamprophyre (9)	Undifferentiated		pervasive Ca-carbonate alteration. In addition the unit has strong and spotty magnetic susceptability. Unit is generally, medium grey-brown with a				13889	43 88 45	45 46.5	1.12	444 57		0.01			
						Unit is generally, mealuring grey-brown with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration.				13891	45	40.5	0.84	41		0.01			
-	47.34	48.72	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		In addition the unit has no magnetic susceptability. Unit is generally, pale green-grey with a	47.34	60	contact	13892	47.34	48.77	1.43	1646	1.82	4			1
50	40.70	51.00		Undifferentiated		Inboned appearance. It is very fine grained with a sheared texture. It has a strong but spotly Fe-carbonate alteration. In addition the unit has no magnetic susceptability.	48.72	40	contact	13893	48.77	50.5	1.73	291		0.01			
	48.72	51.68	Keewatin	- Chamerennaleu		Unit has no magnetic susceptability. Unit is generally, medium grey-brown with a uniform appearance. It is fine to medium grained with a massive texture. It has a	51.60	50	contact	13894	50.5	51.68	1.18	91		0.01			
	51.68	52.56	Metavolcanic Rocks (4)	Breccia		strong and pervasive Ca-carbonate alteration.	51.68	00	contact	13895	51.68		0.88	38		1.5			
	52.56	54.51	Lamprophyre (9)	Undifferentiated	£	susceptability 2 of 7		ا ا		13896	52.56	55	2.44	53	l	0.01			

Contractor:	Heath & Sherwood	<u>Young</u> .	Davidson M	ines, Limited		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Diamonc	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 1199	662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	asting (NAD 27):	526120.9	Northing (NAD27):	5312313.8	Belevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

ŧ				Lít	hology		1	Struc				Sa	Impling	 			Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle _tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv Py%	Depth	Dip	Az
55	52 56	54.51	Lamprophyre (9)	Undifferentiated		Unit is generally, medium grey-brown with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	54.51 55.75	50 60	contact fault göuge	13896	52.56 55	55 56.5	2.44	o (ppb) 53 236	2.5			·
-										13898	56.5	58	1.5	289	2.5			
								E.		13899	58	59.5	1.5	181	7.5			
60						Unit is generally, dark black with a ribboned	59.8	60	schistosity	13901	59.5	61	1.5	143	7.5			
	54.51	69.57	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic	1	appearance. It is very fine grained with a sheared texture. It has a strong and pervasive Ca-carbonate alteration. In addition				13902	61	62.5	1.5	354	2.5			
						the unit has no magnetic susceptability.	63.83	70	fault gouge	13903	62.5	64	1.5	198	4			
65										13904	64	65.5	1.5	83	2.5			
1							66.3 67.28		fault gouge	13905	65.5	67	1.5	129	2.5			
							68.68		fault gouge	13906	67	68.5	1.5	119	3.5			
70		l					69.57		contact	13907	68.5	69.57	1.07	115	3.5			
	69.57	73.09	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, dark green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition				13908	69.57 71	71	1.43	175	3.5	1		
-						the unit has no magnetic susceptability	73.09	60	contact	13910	72	73.09	1.09	81	4			1
-				[[Unit is generally, medium green-grey with a			{	13911	73.09	74.5	1.41	52	2.5			
75 -	73 09	78.36	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcaric		uniform appearance. It is very fine grained with a massive fexture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has strong and spotty magnetic				13912	74.5	76	1.5	17	1.5			
						susceptability. Unit is generally, pale green-grey with a / uniform appearance. It is fine to medium	N			13913	76	77.5	1.5	57	1.5			
	78.36	88.05	Lamprophyre (9)	Undifferentiated		grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic 3 of 7 susceptability.	78.36	50	contact	13914 13915	77.5 78.36	78.36 80	0.86 1.64	24 10	1.5 0.01			

Contractor:	Heath & Sherwoo	d <u>Young</u>	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Díamond	<u>I Drill Log</u>	Col	lar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 1199	9662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	Easting (NAD 27):	526120.9	Northing (NAD27):	5312313.8	B Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

Ę				Li	thology			Struc	ture	-		Sa	ampling]	ىرىپىلىتىيەت ، ، ، ،			Survey	/s
Depth	Fram	Το	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 10	FA-Grv	Py%	Depth	Dip	Az
80 -	78.36	88.05	Lamprophyre (9)	Undifferentiated		Unit is generally, pale green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				13915	78.36 80	81.5	1.5	12		0.01			
-		 								13917	81.5	83	1.5	10		0.01			
85-										13918 13919	83 84.5	84.5	1.5	14 9		0.01	84.57	-45.8	342
										13920	86	87	1.5	9		0.01			
							88.05	50	contact	13921	87	88.05	1.05	7		0.01			
										13922	88.05	89.5	1.45	12		0.01			
90 -																			
-																			
-																			
95	88.05	170.5	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a sugary texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak spotty to moderate and pervassive magnetic susceptability.													
100																			
105						4 of 7													

Contractor:	Heath & Sherwoo	d <u>Young-</u>	Davidson M	ines, Limited		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Díamonc	<u>I Drill Log</u>	Col	lar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 1199	9662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres I	Easting (NAD 27):	526120.9	Northing (NAD27):	5312313.8	B Elevation:	354
DH Survey:	Single Shot Flexi	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

Ę				Li	thology			Struct	ure			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv	Py%	Depth	Dip	Az
		170.5	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a sugary texture. It has a strong and pervasive Fe-carbonale atteration. In addition the unit has weak spotty to moderate and pervassive magnetic susceptability.									<u>. (91</u>)				
110-																			
115																			
120																			
125										•									
130						5 of 7													

Contractor:	Heath & Sherwood	Young	-Davidson M	<u>ines, Límited</u>		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	Sca	led Diamond	<u>I Drill Log</u>	Col	lar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 119	9662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	526120.9	Northing (NAD27):	5312313.3	B Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

ŧ	n · · ·			L	ithology	······································		Struct	ture			Sa	mpling	··				Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
135-	88.05	170.5	Diabase (5)	Undifferentialed		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a sugary texture. It has a strong and pervasive Fe-carbonale alteration. In addition the unit has weak spotty to moderate and pervasive magnetic susceptability.		<u></u>		-									
140																			
145 -																			
150										-									
155																			
						6 of 7									_				

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-38
Hole Commenced:	01-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	04-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827 1199	662Length:	170.5
Date Logged:	05-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	526120.9	Northing (NAD27):	5312313.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	690	Casing:	casing in hole

₽.				Li	thology			Struct			,	Sa	mpling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From		Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
160	88.05	170.5	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a sugary texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak spotty to moderate and pervassive magnetic susceptability.									- +3' /		161.57		338.1
165 -																			
170	170 5	170.5				/Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.													
175																	i		
										•									
-																			
185						7 of 7													

		С	ontractor:	Heath & Sherwood	d	Your	ng-Davidson Mi	n <u>es, L</u>	.imi	ted					Drill	Hole:		OK	04-39
	Hol	e Coi	mmenced:	05-Mar-04		S	caled Diamond	Drill	Log					Colla	ar Aziı	nuth:		1!	51.5
	н	ole C	ompleted:	06-Mar-04			OKA Proje								Colla	r Dip:			-45
		L	ogged By:	R.V. Zalnieriunas	Т	ownship:	Cairo		Cla	im Numb	er: 12	24882	27 30	04550	Le	ngth:		11	19.33
			e Logged:	13-Mar-04		NTS:	42P/15				ne:		17		Core	Size:		ī	BQ
			surement:	metres	Easting	(NAD 27):	526139.6	No	orthi	ng (NAD2	?7):	531	2278	.4	Eleva	ation:		3	352
)H Survey:		_	Easting:	1800			id Northi	-		650			sing:			g in ho
			RN	2			······				•								
Depth		····			hology	·	·	_	Struc	r		r	S	ampling			$ \rightarrow $		Surve
å	From	То	Major Litho	Rock Type	Sublithology		Description	Depth	Angle tca	Туре	Sample No	From	To	Width	(ppb)	FA-Grv (qr)	Ру%	Depth	Dip
	0	3.5	Överburden/Lost Core (2)	Overburden		Furthermore, casi GND & LOST CO	ing set to 1.5m (5fl); RE to 3.5m.												
5	3.5	14.7	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		a moderate and p alteration. In add magnetic suscept med. bnds massi with p green epid	medium green-grey with arce. It is fine grained clated texture. It has pervasive Fe-carbonate tition the unit has no ability. Furthermore, ve to wkly bx'd mvo,str'd on frac's andd as minor y qtz-carb strs as well; no ades into.	9.4	40	cleavage	13923 13924 13925 13926	6 7.5 9 10.5	7.5 9 10.5 12	1.5 1.5 1.5	129 31 45 48		0.5 0.1 1		
						with a fragmental strong and perva- alteration. In add magnetic suscept	medium green-grey with ance. It is fine grained texture. It has a sive Fe-carbonate lition the unit has no tability. Furthermore, thro: wk wh cc thds: minor				13927 13928 13929	12	13.5	1.5 1.2 1.6	132 74 101		1.5		
-	14.7	18.53	Keewatin Metavolcanic	Breccia		Unit is generally.	thro; wk wh cc thds; minor eg replacement patches, dark grey with a ribboned				[16.3				l l		
-	1		Rocks (4)			with a irregular te moderate and per	i fine to medium grained exture. It has a rvasive chloritic				13930	16.3	17.53	1.23	636		2.5		
	18.53	20.02	Keewatin Metavolcanic Rocks (4)	Breccia	Sandstone	pervasive magne Furthermore, mod str'd & thd'd with wk-mod dissem, r	ition the unit has weak etic susceptability. J. att'd & bx'd volcanic SMS py on frac's thro, magnetite thro ass'd with typical VMS-style suif. str				13931 13932	17.53	20.02	1	442		3 10		
-						zone band with w walls. Unit grades Unit is generally, appearance. It is	k-mod black chl alt'n	1			13933	20.02	21.5	1.48	172		1		
	20.02	30.05	Keewalin Metavolcanic Rocks (4)	Breccia		addition the unit h susceptability. Fi alteration zone; m with patches, brd	bonate alteration. In				13934 13935	21.5 23	23	1.5	200		0.5 1		
1 -		1	1	1 1		quz-epid alth thro	at 5-15% and minor rty gstrs (rare) or p.gy acid ie) strs & bnds (minor);	1	1	1	1	1	1	1	1	1		<i>,</i>	1



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CAIRO

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-39
Hole Commenced:	05-Mar-04	Se	caled Diamono	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	06-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827 3004550	Length:	119.33
Date Logged:	13-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526139.6	Northing (NAD27):	5312278.4	Elevation:	352
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	650	Casing:	casing in hole

th :				L	ithology			Struc	ture			S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	20.02	30.05	Keewatin Metavolcanic Rocks (4)	Breccia		Unit is generally, dark grey with a mottled appearance. It is fine grained with a banded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, hydrothermal				13937 13938	26 27.5	27.5 29	1.5 1.5	36 60		2.5 2.5			
						alteration zone; mod-wk black cht alt'n thro with patches, bnds & strs of p. green epid & lqtz-epid alth thro at 5-15% and minor kouting p.gy cherty qstrs (rare) or p.gy acid leach (black zone) strs & bnds (minor);				13939	29	30.05	1.05 ·	46		2			
-		ļ				leach (bleach zone) strs & bnds (minor); Unit grades into: Unit is generally, dark grey with a banded appearance. It is fine to medium grained with a mildly brecciated texture. It has				13940 13941	30.05	31.18	1.13	251 71		15 3.5			
-	30.05	35.93	Keewatin Metavolcanic Rocks (4)		Sandstone	a moderate and pervasive chloritic alteration. In addition the unit has weak				ľ									
						to strong spotty magnetic susceptability. Furthermore, typical destrctive black chlorite alteration zone with variable vfg-cg pyrite SMS-WSMS xcutting thds & strs as stockwork at variable & rotating				13942 13943	32.7 34.33	34.33 35.33	1.63	475 67		3.5			
35						angles thro. Best py strs developed at TC & BC. Py strs from <0.5 to 12cm with thicker strs gen. m-cg with f-cg diss. magnetite				13944	35.33	35.93	0.6	105		4 20			
-						strs gen. m-cg with t-cg diss, magnetite gen, dev'd ass'd with & in strs. Local minor bleach zone bnds and minor late p.	35.93	60	contact	13945	35.93	37	1.07	57		2			1
-						orange hem. stained cc thds. BC@63dca on 1cm bl chl schist wall to py str, but unit grades downhole into 33cm p.gy destructive BZ that gradually grades into hext unit				13946	37	38.5	1.5	38		1		l	
-										13947	38.5	40	1.5	53		1.5			
-										13948	40	41.5	1.5	48		1			
						Unit is generally, medium green with a mottled appearance. It is medium to coarse grained with a bedded texture.				13949	41.5	43	1.5	43		0.5			
-	35.93	71.18	Keewatin Metavolcanic	Interflow Metasediments (Undif.)	Pebble Conglomerate	It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, alt'd gritty pebble cond, matrix supported				13951	43	44.5	1.5	151		0.5			
45			Rocks (4)	(Unair.)		subangular to well rounded sed, clasts atted to p.green wkly epid'd, matrix chl'ic and minor med, to thin bedded mudstone/wacke beds or lenses thro; BC				13952	44.5	46	1.5	91		1			
-						graded and undulating at 20dca.				13953	46	47.5	1.5	62		0.1			
-		ļ								13954	47.5	49	1.5	58		0.25			
50										13955	49	50.5	1.5	155		0.1			l
-										13956	50.5	52	1.5	150		0.1			
_						2 of 5				13957	52	53.25	1.25	52		0.1			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-39
Hole Commenced:	05-Mar-04	<u>Sc</u>	aled Diamond	Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	06-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827 300455	D Length:	119.33
Date Logged:	13 - Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526139.6	Northing (NAD27):	5312278.4	Elevation:	352
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	650	Casing:	casing in hole

Ę				1	ithology			Struc	ture	[Sa	ampling				Survey	's
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv Py%	Depth	Dip	Az
	35.93	71.18	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green with a mottled appearance. It is medium to coarse grained with a bedded texture.				13957 13958	52 53.25	53.25 54	1.25 0.75	52 72	0.1			
55						It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, alt'd gritty pebble cong, matrix supported				13959	54	55.5	1.5	67	0.1			
-						subañgular to well rounded sed. clasts alted to p.green wkly epid'd, matrix cht'ic and minor med, to thin bedded mudstone/wacke beds or lenses thro; BC				13960	55.5	57	1.5	93	0.1			
		ſ				braded and undulating at 20dca.				13961	57	58.5	1.5	131	0.1			
- - 60										13962	58.5	60	1.5	46	0.1			
										13963	60	61.5	1.5	40	0.1			
										13964	61.5	63	1.5	33	0.1			
65-										13965	63	64.5	1.5	129	0.25			
							1			13966	64.5 66	66 67.3	1.5	138	0.5			
							67.3 68.04	50 50	contact flat	•13968	67.3	68.04	0.74	313	5.5			
						Unit is generally, medium grey with a juniform appearance. It is medium gained with a massive texture. It has a weak	66.04	50	11al	13969	68.04	69.5	1.46	96	0.5			
to						and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thickly bedded with occ. thin interbeds and rare oebbles, very wkly grading finer	71.18	20	contact	13970	69.5	71.18	1.68	40	0.5			
	71.18	73.12	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Arkose	pebbles, very wkly grading finer downhole, BC sho @49dca prb, Unit is generally, medium grey with a banded appearance. It is fine grained				13971 13972	71.18	72.08 73.12	0.9	64 52	0.5			
						with a bedded texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, bedding				13972	73.12	74.5	1.38	206	0.5			
5	73.12	79.04	Keewatin	Interflow Metasediments		ranges from thin to med, locally wedged/scoured, bedding undulating, bit contorted to folded from 50 to 30dca thro., unit grages on minor cstr stockwork bnd into next sequence.				13974	74.5	76	1.5	187	1			
1	13.12	/ 9.04	Metavolcanic Rocks (4)	(Undif.)	w	Unit is generally, dark green-grey with a uniform appearance. It is medium to coarse grained with a bedded texture. It has a weak but spotty Fe-carbonate				13975	76	77.5	1.5	114	0.75			
	79.04	86.62	Keewatin Metavolcanic Rocks (4)	Vinterflow Metasediments (Undif.)	Pebble	alteration. In addition the unit has no magnetic susceptability. Furthermore, green chi alth thro, minor siin as irreg knots, minor cestrs/thds, wk spotty3cefa6, minor py str thds.				13976	77.5	79.04 B0.5	1.54	96 28	1.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-39
Hole Commenced:	05-Mar-04	Sc	caled Diamono	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	06-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827 3004550) Length:	119.33
Date Logged:	13-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526139.6	Northing (NAD27):	5312278.4	Elevation:	352
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	650	Casing:	casing in hole

Ę				L	ithology			Struc	ture	}		Sá	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
80 — - -	79.04	86.62	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, dark green-grey with a uniform appearance. It is medium to coarse grained with a bedded texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, green chi altin thro, minor siin as irreg				13977 13978	79.04 80.5	80.5 82	1.46 1.5	28 15		1.5 2.5			
						knots, minor ccstrs/thds, wk spotty fe-carb, minor py str thds.				13979	82	83.45	1.45	22		2			
-							85.03	55	contact	13980	83.45	85.03	1.58	139		0.1			
										13981	85.03	86.5	1.47	344		4			
						Unit is generally, medium grey with a uniform appearance. It is fine grained				13982	86.5	87.57	1.07	103		2.5			
			Keewatin	Interflow	14	with a massive texture. It has a weak but spotty Fe-carbonate alteration. In addition				13983	87.57	88.62	1.05	48		1			
- - 90	86.62	91.36	Metavolcanic Rocks (4)	Metasediments (Undif.)	Mudstone	the unit has no magnetic susceptability. Furthermore, mildly fractured & sealed with 1-5% who cc strs & thds thro. Unit is generally, pale grey with a ribboned				13984	88.62	90	1.38	33		2			
						appearance. It is pegmatitic with a laminated texture. It has a strong and pervasive Ca-carbonate alteration. In	91.38	22	contact	13985	90	91.3	1.3	24		2			
	91.36	91.67	Grey Porphyry (6)	Feldspar Porphyry	Altered	addition the unit has no magnetic susceptability. Furthermore, highly altered	51.50		Contact	13986 13987	91.3 91.8	91.8	0.5	34		3			
						& costrd intrusive bnd xoutting with shp contacts and nly vague porphyriti feldspar textures remaining. BC shp at 32dca.	/			13988	91.6	92.66 93.66	0.86	126 86		10 5			
						Unit is generally, dark green-grey with a mottled appearance. It is fine grained with a stockwork texture. It has a				13989	93.66	94.65	0.99	72		7			
95 95						moderate and pervasive Fe-carbonate alteration. In addition the unit has spotty weak ro very strong magnetic susceptability. Furthermore, highly black				13990	94.65	95.83	1.18	308		7			
	91.67	103.97	Keewatin	Interflow	Foodstoos	chl-carb altered sediment? with vague possible remnant clasts, mod pyrite stringering as VWMS bands, thds, diss. replament patches and diss grains thro, py				13991	95.83	97.5	1.67	169		10			
	91.07	103.97	Metavolcanic Rocks (4)	Metasediments (Undif.)	Sandstone	F-cg, no original textures preserved, fg to vcg angular magnetite developed mainly ass'd with py sirs. BC shp at 45dca. Unit is generally, dark grey with a ribboned appearance. It is very fine grained with a				13992	97.5	99.28	1.78	408		8			
100						laminated texture. If has a moderate and pervasive chloritic alteration. In addition the unit has no magnetic susceptability.				13993	99.28	100.66	1.38	4138	4.46	6			1
						Furthermore, silicified and black chl alteration front with minor wh carb thds sealing fractures & hosting mg diss py, no original textures, grades downhole into next unit.				13994	100.66	102.14	1.48	289		4			:
			Wagugha	(Interflow)	_	Unit is generally, medium grey with a uniform appearance. It is fine grained with a bedded texture. It has a moderate				13995	102.14	103.51	1.37	155		7.5			
	103.97	104.42	/Keewatin Metavolcanic Rocks (4)	VInterflow Metasediments (Undif.)		but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, relatively	1			13996	103.51		0.91	251		3			
105	104.42	119.33	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	fresh, med-tb fg turbiditic grey sediments i/c with mb creamy claystones & ofcof 5 sittstones	105.4	45	bedding	13997 13998	104.42		1.08	45 163		1			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mines	s, Limited		Drill Hole:	OK04-39
Hole Commenced:	05-Mar-04	<u>Sc</u>	aled Diamond Dr	ill Log	Colla	ar Azimuth:	151.5
Hole Completed:	06-Mar-04		<u>OKA Project</u>	•		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827 3004550	Length:	119.33
Date Logged:	13-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526139.6	Northing (NAD27):	5312278.4	Elevation:	352
DH Survey:	Single Shot Flexit	Grid Easting:	1800	Grid Northing:	650	Casing:	casing in hole

ŧ				L	ithology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
	104.42	119.33	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments VUndif.)	w	Unit is generally, medium grey with a uniform appearance. It is fine grained with a bedded texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, relatively fresh, med-tb fg turbiditic grey sediments i/c with mb creamy claystones & occ. sittstones.				13998 13999	105.5 107	107 108.5	1.5 1.5	163 77		1 0.1			
-						Vc with mb creamy claystones & occ. siltstones.				15501	108.5		1.5	62		0.1			
										15502 15503	110 111.5	111.5 113	1.5 1.5	86 43		1.5 0.1			
										15504	113	114.5	1.5	34		0.1			
115										15505	114.5		1.5	46		0.1			
										15506	116	117.5	1.5 1.83	43 69		0.1			
- - 120	119.33	119,33				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.	118.7	50	schistosity	15507	117.5	119.33	1.63	09		0.1			
	İ																		
125-	:																		
- - - 130																			
						5 of 5													

Contractor:	Heath & Sherwood	<u>Young-</u>	Davidson M	ines, Limited		Drill Hole:	OK04-40
lole Commenced:	06-Mar-04	<u>Sca</u>	led Diamond	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	07-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199662 3004	550Length:	121.14
Date Logged:	15-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	526171.4	Northing (NAD27):	5312431.7	Elevation:	345
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	770.4	Casing:	casing in ho

ŧ				Li	thology			Struc	ture			Sa	ampling					Surve	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
-	0	1.72	Overburden/Lost Core (2)	Overburden		Furthermore, casing to 1.5m (5h) pushed into bedrock, 50% core recovery to about 2.2m downhole.													
	1.72	1.8	Lamprophyre (9)	Undifferentiated		Unit is generally, medium grey with a uniform appearance. It is medium to coarse grained													
5	1.8	9	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		with a massive texture. In addition the unit has no magnetic susceptability. Furthermore, knobby core, ends ground, possible boulder. Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, very BLOCKY & BROKEN core, localy GROUND & LOST CORE, recovery about 70%, ofive green & limonitic sections of poss faults at 6.3-6.6m and 7.0-8.0m; BC on broken core:.													
10	9	9.42	Keewatin Metavolcanic Rocks (4)	Undifferentiated		Unit is generally, pale green with a blotchy appearance. It is fine grained with a vuggy texture. It has a weak and pervasive chloritic alteration. In addition the unit has no magnetic susceptability. Furthermore, Fault. Fe-oxide stained vuggy water seam, blocky thro, becoming brecclated volc downhole and grades into a 5cm, well cemented fault gouge bnd at lower contact of section at 45 to 32cc.	9.4	55	fault gouge	15508	9.42 11	11 12.5	1.58	48 26		3 1.5			
-										15510	12.5	14	1.5	26		1.5			
-							14.5	25	schistosity	15511	14	15.5	1.5	34		2			
5 -						Unit is generally, medium green-grey with a banded appearance. It is fine grained with a bedded texture. It has a moderate and				15512	15.5	17	1.5	15		0.1			
	9.42	35.56	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thickly bedded massive flows i/c with med. beds breccia & flow top breccia; mod.				15513	17	18.5	1.5	26		0.5			
20 -						to mildly fraced & sealed with while qtz-cc strs locally hosting m-vcg py clots, rare py strs, cc gndmass increasing downhole, last 20cm highly carb'd & altered on intrusive contact.				15514	18.5	20	1.5	14		1			
-						nginy carbo & anered on minusive contact.				15515	20	21.5	1.5	14		0.5	20.57	-44.1	154.6
-										15516	21.5	23	1.5	24		0.5			
		ļ								15517	23	24.53	1.53	19		0.5			
25 -							DE 47		contact	15518	24.53	25.47	0.94	9		0.1			
						1 of 5	25.47	80		15519 15520	25.47 26.3	26.3 27.3	0.83	22 24		0.1 0.5			

41P15NE2027 2.28438 CAIRO

Contractor:	Heath & Sherwood	<u>Young-</u>	Davidson M	ines, Limited		Drill Hole:	OK04-40
Hole Commenced:	06-Mar-04	Sca	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	07-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199662 3004	550Length:	121.14
Date Logged:	15-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	526171.4	Northing (NAD27):	5312431.7	Elevation:	345
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	770.4	Casing:	casing in hole

£				L	ithology		1	Struc	ture	1		Sa	ampling	 				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Gr	Ру%	Depth	Dip	Az
-	9.42	35.56	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Ca-carbonate alteration. In addition ithe unit has no magnetic susceptability.				15520 15521	26.3 27.3	27.3 28.3	1	24 24		0.5 0.25			
30-						Furthermore, thickly bedded massive flows i/c with med. beds breccia & flow top breccia; mod. to mildly fracd & sealed with white qtz-cc strs locally hosting m-vcg py clots, rare py strs, cc				15522 15523	28.3 28.8	28.8 30.3	0.5 1.5	351 24		7			
						gndmass increasing downhole, last 20cm highly carbid & altered on intrusive contact.				15524	30.3	31.8	1.5	43		1			
										15525	31.8	33.3	1.5	33		2.5			
-										15526	33.3	34.49	1.19	62		3			
35 —						Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with	.			15527	34.49	35.56	1.07	93		0.5			
	35.56	36.92	Lamprophyre (9)			a massive texture. In addition the unit has no magnetic susceptability. Furthermore, chilfed fresh looking intrusive, margins wkly foliated,	36.92	65	contact	15528	35.56	36.92	1.36	34		0			
-						chi'd andvcarbid (cc).				15529	36.92	38	1.08	389		3.5			
										15530	38	39.5	1.5	29		1.5			
40						Unit is generally, dark green with a mottled appearance. It is fine grained with a stockwork				15531	39.5	41	1.5	72		1.5			
-	36.92	47.28	Keewatin Metavolcanic Rocks	Mafic Metavolcanic	Sandstone	texture. It has a moderate and pervasive chloritic alteration. In addition the unit has no magnetic susceptability. Furthermore,				15532	41	42.13	1.13	58		1.5			
-			(4)			green chlorite altered & re-xtalized mafic volcanic,str'd & stockworked by 1-0.1cm white cc & cc-atz ovritic & occ SMS py thds, no				15533	42.13	43.13	1	93		5			
-						remaining original textures, grades into:.			-	15534 15535	43.13	44.13	1	224 41		4			
45 —										15536	45.13		1	86		2.5			
										15537	46.13	47.28	1.15	79		4	ĺ		
						Unit is generally, medium green-grey with a				15538	47.28	48.5	1.22	19		1.5			
50	47.28	56.32	Keewatin Metavolcanic Rocks	Mafic Metavolcanic		uniform appearance. It is fine grained with a massive texture. It has a moderate but spotty Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				15539	48.5	50	1.5	29		0.1			
	41.20	50.52	(4)			Ig thb 4mo flows with minor wh qt=cc+/py strs; med green chi altd from 50 0-51.35 with 10% wh qt=cc strs and 3cm bull vit at 51.11, and green chi alt'n again incr4asingly stonger downhole from 55 0-56.32 Unit grades into:				15540	50	51.5	1.5	182		3		,	
						downnoie from 55:0-56-32. Unit grades into::				15541 15542	51.5 53	53 54.5	1.5 1.5	41 29		1.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-40
Hole Commenced:	06-Mar-04	<u>Sca</u>	<u>led Diamond</u>	<u>l Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	07-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199662 3004	4550 Length :	121.14
Date Logged:	15-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	526171.4	Northing (NAD27):	5312431.	7 Elevation:	345
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	770.4	Casing:	casing in hole

Ē				Li	thology			Struc	ture			Sa	mpling	 }				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 29	FA-Grv (ar)	Py%	Depth	Dip	Az
55	47.28	56.32	Keewatin Metavolcanic Rocks \(4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate but spotty Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, Ig the 4mvo flows with minor wh qtz-cc+l-py strs; med green chi altd from 50.0-51.35 with				15542	53 54.5	54.5 56.32	1.5	29 22		1 0.1			
			Keewatin			bits, meu green chi and non source 1.33 with 10% whi quees cash and 3cm bull vit at 51, 11, and green chi affn again incr4asingly stronger downhole from 55 0-56 32. Unit grades into: Unit is generally, dark grey with a hahoned appearance. It is fine grained with a banded texture. It has a strong but spotty epidote				15544	56.32	58	1.68	24		0.1			
	56.32	61	Metavolcanic Rocks (4)	Mafic Metavolcanic		alteration. In addition the unit has no magnetic susceptability. Furthermore, massive mafic volc's (similar to above) mottled, stringer				15545	58	59.5	1.5	60		0.5			
60						stockworked and spotted by 35% pale pistachio green epid-qtz str alt'n developed haloing joints, frac's etc in irreg stockwork, unit				. 15546 15547	59.5 61	61 61.6	1.5 0.6	101 81		0.1 0			
						\grades into:.				15548	61.6	63	1.4	24		0.1			
-						Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and				15549	63	64.5	1.5	38		0.1			
65	61	70.43	Keewatin Metavolcanic Rocks	Mafic Metavolcanic		pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, chl-cc altered massive mafic				15551	64.5	66	1.5	53		0.1			
			(4)			flows, fractured and sealed with 5% wh cc & qtz-cc thds, strs and vits & assd diss py on walls; minor qtz-cc ribbon veinwith diss py at 70.11-70.19 at 75dca with strong cc gndmass				15552	66	67.5	1.5	12		0.1			
						walls 25cm either side; grades into:	68	70	schistosity	15553	67.5	69	1.5	19		0.1			
-										15554	69	69.83	0.83	21		0.1			
70 -						Unit is generally, medium green-grey with a	70.18	70	vein	15555	69.83	70.43	0.6	34		4	70.57	-44.2	150.8
						uniform appearance. It is fine grained with a massive texture. It has a moderate and	ł			15556	70.43	71	0.57	19		2	10.57	-44.2	150.0
						pervasive Ca-carbonate alteration. In addition the unit has moderate pervasive becoming				15557	71	72	1	17		0.1			
-						moderate spotty magnetic susceptability. Furthermore, (similar to above to 74.0m) grading downhole to varibly altered as th lam				15558	72	73	1	51		1			
-			Keewatin			m&p.gy carb'd volc i/c with darker gr chloritic altin strs generaly strongly magnetic, unit grades into:.				15559	73	74	1	95		2			
75	70.43	79.6	Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				15560	74	75.5	1.5	21		0.5			
-						massive texture. It has a moderate and pervasive cd alteration. In addition the unit has no magnetic susceptability. Furthermore, massive looking thb flows & minor bx bnds,				15561	75.5	77	1.5	12		0.1			
			Keewatin	N.		altered & rextalized thro, +5% irreg wh cc>qtz thds, strs & lenses 1mm - 2cm thro, wk mg WAC, no sku, textures except for rare darker				15562	77	78.5	1.5	34		1			
	796	91.1	/ Metavolcanic Rocks (4)	Mafic Metavolcanic	<u></u>	gr. chi str bands (2-4cm) at 35-55dca. BC step at 50dca.				15563 15564	78.5 79.6	79.6 81	1.1 1.4	55 12		0.75	 		

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-40
Hole Commenced:	06-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	lar Azimuth:	151.5
Hole Completed:	07-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199662 3004	4550 Length :	121.14
Date Logged:	15-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	526171.4	Northing (NAD27):	5312431.7	7 Elevation:	345
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	770.4	Casing:	casing in hole

ŧ				Li	hology			Struc		[Sa	ampling]				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
80 -	79.6	91.1	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive cct alteration. In addition the unit has no magnetic susceptability. Furthermore, massive looking thb flows & minor bx bnds, altered & rextalized thro, +5% irreg wh cc>qtz				15564 15565	79.6 81	81 82.5	1.4 1.5	o (ppb) 12 14		0.1			
-						tbds, strs & lenses 1mm - 2cm thro, wk mg WAC, no sig. textures except for rare darker gr. chi str bands (2-4cm) at 35-55dca. BC shp at 50dca.	84	30	cleavage	15566	82.5	84	1.5	14		0.1			
85										. 15567	84	85.5	1.5	10		0.1			
-										15568	85.5	87	1.5	17		0.1			
										15569	87	88.5	1.5	10		0,1			
90										15570	88.5	90	1.5	9		0.1			
-						Unit is generally, pale white with a ribboned	91.1	45	contact	15571	90 91.1	91.1 92	1.1 0.9	53 71		0.1			
-						appearance. It is fine grained with a vein breccia texture. It has a strong and				15573	92	93	1	17		0.1			
-	91.1	96.37	Carbonate Zone (3)	Quartz Vein	Breccia	pervasive ccl alteration. In addition the unit has no magnetic susceptability. Furthermore, sugary white fg.cc>qtz str stockwork veining				15574	93	94	1	7		0.1			
	31.1	00.07				1-30cm thick sealing 30-60% med green chl'c angular wall ix frags and brids thro., veining				15575	94	95	1	9		0.1			
95						decreasing downhole from 70 to 40%, no sig. min, trace fg diss py. BC undulating but shp at 32-10dca.	96.37	17	contact	15576	95	96.37	1.37	7		0.1			
							50.57		Condict	15577	96.37	97.5	1.13	5		0.1			
-										15578	97.5	99	1.5	2		0.1			
100						Unit is generally, pale grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive tcl alteration. In addition the unit has no magnetic				15579	99	100.5	1.5	3		0			
	96.37	114.93	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		susceptability. Furthermore, massive looking rextalized talcose fg ultramafic volc with 5-10% irreg. cc>qtz strs & bnds thro 1-3cm thick as				15580	100.5	102	1.5	7		0			
						well as cc-serp. strs about 1cm, no sig. min.; BC shp at 60dca slightly xcutting wk fol dev/d at lower contat/ 4cm of 50dca.				15581	102	103.5	1.5	7		0			
							105	45	schistosity	15582	103.5	105	1.5	2		0			I
105 -						4 of 5				15583	105	106.5	1.5	7		0			í

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-40
Hole Commenced:	06-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	07-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199662 3004	550Length:	121.14
Date Logged:	15-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	526171.4	Northing (NAD27):	5312431.7	⁷ Elevation:	345
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	770.4	Casing:	casing in hole

ŧ				Lit	iology			Struct	ture			Sa	mpling					Survey	'S
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge o (ppb) 7	FA-Grv	Py%	Depth	Dip	Az
	96.37	114.93	Keewatin Metavolcanic Rocks \(4)	Ultramafic Metavolcanic		Unit is generally, pale grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive (c) alteration. In addition the unit has no magnetic susceptability. Furthermore, massive looking rextalized taicose fg ultramatic voic with 5-10%		, cu	<u></u>	No 15583 15584	105 106.5	106.5 108	1.5 1.5	7 7	_(91)	0 0			
110						irreg. cc-qtz sirs & bnds fino 1-3cm thick as well as cc-serp. sirs about 1cm, no sig. min.; BC shp at 60dca slightly xcutting wk fol dev/d at lower contat/ 4cm of 50dca.				15585 15586	108 109.5	109.5 111	1.5 1.5	3 3		0.1 0			
-										15587	111	112.5	1.5	2		0.1			
										15588	112.5		1.5	2		0			
115 -							114.93	65	contact	15589 15590	114 114.93	114.93 116	0.93 1.07	1		0.1 2.5	115.57	-43.8	155.4
-										15591	116	117	1	2		0.1			
1	114.93	121.14	Carbonate Zone (3)	Quartz Vein		Unit is generally, pale white with a ribboned appearance. It is fine grained with a vein breccia texture. It has a strong and pervasive	117.4	35	cleavage	15592	117	118	1	2		0.5			
-						ccl alteration. In addition the unit has no magnetic susceptability.				15593	118	119	1	1		0.1			
120 —										15594	119	120	1	17		0.5			
	121.14	121.14				/Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.				15595	120	121.14	1.14	10		0.1			
- - 125 - -																			
										•									
						5 of 5													

Contractor:	Heath & Sherwoo	d <u>Young</u>	Davidson M	ines, Limited		Drill Hole:	OK04-41
Hole Commenced:	11-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	12-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 300	4550 Length :	90.69
Date Logged:	20-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres I	Easting (NAD 27):	526156.1	Northing (NAD27):	5312460.	6 Elevation:	348
DH Survey:	Single Shot Flexi	it Grid Easting:	1900	Grid Northing:	803.1	Casing:	casing in hole

				L	ithology			Struc	ture			Sa	ampling					Survey	/S
F	rom	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
- 0	'	1	Overburden/Lost Core (2)	Overburden						15845	1	2.5	1.5	52	.3'	2.5			
			Keewatin			Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a				15846	2.5	4	1.5	22		2.5			
		8.4	Metavolcanic Rocks (4)	Tuff		fragmental texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15847 15848	4 5.5	5.5 7	1.5	34 29		2.5			
-										15849	7	8.4	1.4	28		2.5			
			Keewatin			Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a				15851	8.4	10	1.6	43		2.5			
8	.4	13.07	Metavolcanic Rocks (4)	Tuff		fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.				15852	10	11.5	1.5	38		2.5			
-							13.07		contact	15853	11.5	13.07	1.57	22 6		1.5 1.5			
										15855	14.5	16	1.5	10		1.5			
						Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a				15856	16	17.5	1.5	10		1.5			
1	3.07	23.23	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		mildly brecciated texture. It has a moderate and pervasive Fe-carbonate atteration. In addition the unit has weak and spotty magnetic susceptability.				15857	17.5	19	1.5	28		1.5			
										15858	19	20.5	1.5	53		1.5			
										15859 15860	20.5	22 23.23	1.5	22 17		1.5 1.5			
			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a	23.23		contact	15861	23.23	24.5	1.27	10		1.5			
2	3.23	40.32	Metavolcanic Rocks (4)	Mafic Metavolcanic		massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability 1 of 4				15862	24.5 26	26 27.5	1.5 1.5	9 21		1.5 1.5	25.57	-42.8	155.7



41P15NE2027

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CAIRO

Contractor:	Heath & Sherwoo	d <u>Young</u> -	Davidson M	ines, Limited	<u>, ((), (), (), (), (), (), (), (), (), (</u>	Drill Hole:	OK04-41
Hole Commenced:	11-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	12-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 300	4550Length:	90.69
Date Logged:	20-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526156.1	Northing (NAD27):	5312460.	6 Elevation:	348
DH Survey:	Single Shot Flexi	t Grid Easting:	1900	Grid Northing:	803.1	Casing:	casing in hole

				L	thology			Struc	ture			Sa	ampling)				Survey	ys
-	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	A
	23.23	40.32	Keewatin Metavokcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.		ica	. <u> </u>	15863 15864	26 27.5	27.5 29	1.5	21 28		1.5			
										15865	29	30.5	1.5	19		1.5			
										15866	30.5	32	1.5	34		1.5			
										15867	32	34.5	2.5	77		1.5			
										15868	34.5	36	1.5	36		2.5			
										15869	36	37.5	1.5	83		2.5			
										15870	37.5	39	1.5	107		2.5			
							40.32	35	contact	15871 •	39	40.32	1.32	62		2.5			
										15872	40.32	42	1.68	203		2.5			
										15873	42	43.5	1.5	29		2.5			
	40.32	49.66	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a unform appearance. It is fine grained with a massive texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit				15874	43.5	45	1.5	103		2.5			
						has weak and spotly magnetic susceptability. Furthermore, distinct contact with above flow.				15875	45	46.5	1.5	547		2.5			
						Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a weak and pervasive				15876	46.5	48	1.5	28		2.5			l
						Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weakly resembles Matach lamp but lacks carbonate and mait cphenocrysts.	49.66	40	contact	15877	48	49.5	1.5	38		1.5			
	49.66	51.82	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		Unit is generally, medium green-grey with a / uniform appearance. It is fine grained with a massive texture. It has a moderate and			applant	15878	49.5	51	1.5	5		0.01			l
	51.82	53.4	Keewatin Metavolcanic Rocks (4)	Tuff		pervasive Fe-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability. Furthermore, faint tapili 2 of 4	51.82		contact	15879	52.5	53.4	0.9	12		1.5		, [l

Contractor:	Heath & Sherwoo	od <u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-41
Hole Commenced:	11-Mar-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	12- M ar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 3004	4550 Length :	90.69
Date Logged:	20-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	526156.1	Northing (NAD27):	5312460.0	6 Elevation:	348
DH Survey:	Single Shot Flex	tit Grid Easting:	1900	Grid Northing:	803.1	Casing:	casing in hole

				Li	thology			Struc	ture			Sa	ampling)				Survey	/s
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	A
	51.82 53.4	53.4 55.21	Keewatin Metavolcanic Rocks (4) Keewatin Metavolcanic Rocks (4)	Tuff Mafic Dyke (undif)		Unit is generally, medium green-grey with a uniform appearance. It is fine greined with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak and spotly magnetic susceptability. Furthermore, faint lapilit?.	53.4 55.21	40	contact	15880 15881	52.5 53.4	53.4 55.21	0.9 1.81	15 6		1.5 0.01			
	55.21	62.52	Keewatin Metavolcanic Rocks (4)	Tuff		Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a fragmental texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability.				15882 15883 15884	55.21 57 58.5	57 58.5 60	1.79 1.5 1.5	45 17 12		2.5 1.5 1.5			
1										15885	60	61.5	1.5	10		1.5			
							62.52	30	contact	15886	61.5	62.52	1.02	14		1.5			
			Keewatin	Interflow		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained	63.35	20	contact	15887	62.52	64	1.48	18	l	1.5			
	62.52	65.66	Metavolcanic Rocks (4)	Metasediments (Undif.)	w	with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.	64.18	15	contact	15888	64	65.66	1.66	5812	5.79	1.5			
							65.66	40	contact	15889	65.66	67	1.34	146		1.5			
										15890	67	68.5	1.5	40		1.5			
			Keewatin			Unit is generally, medium green-grey with a mottled appearance, it is fine grained with a				15891	68.5	70	1.5	62		1.5			
	65 .66	74.75	Metavolcanic Rocks (4)	Mafic Metavolcanic		mottled texture. It has a strong but spotty Fe-carbonate alteration in addition the unit has no magnetic susceptability.				15892	70	71.5	1.5	33		1.5			
										15893	71.5	73	1.5	24		1.5			
										15894	73	74.75	1.75	48		1.5			
						Unit is generally, medium green-grey with a				15895	74.75	76	1.25	50		1.5			
	74.75	86.9	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		mottled appearance. It is line grained with a mottled texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				15896	76	77.5	1.5	36		1.5			
					1	blocky sections and minor gtz veining.	ļ		ļ	15897	77.5	79	1.5	24		1.5			
-						3 of 4		1		15898	79	80.5	1.5	69	Ì	2.5			ł

Heath & Sherwood	Young-	Davidson M	ines, Limited	Drill I	Hole:	OK04-41
11-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Collar Azin	nuth:	151.5
12-Mar-04		<u>OKA Proj</u>	ect	Collar	· Dip:	-45
L.D. Burden	Township:	Cairo	Claim Number:	1199662 3004550 Le i	ngth:	90.69
20-Mar-04	NTS:	42P/15	UTM Zone:	17 Core	Size:	BQ
metres E	asting (NAD 27):	526156.1	Northing (NAD27):	5312460.6 Eleva	ation:	348
Single Shot Flexit	Grid Easting:	1900	Grid Northing:	803.1 Ca	sing:	casing in hole
	11-Mar-04 12-Mar-04 L.D. Burden 20-Mar-04 metres E	11-Mar-04Sca12-Mar-04L.D. BurdenZ0-Mar-04MTS:metresEasting (NAD 27):	11-Mar-04Scaled Diamond12-Mar-04OKA ProjL.D. BurdenTownship:20-Mar-04NTS:42P/15metresEasting (NAD 27):526156.1	11-Mar-04Scaled Diamond Drill Log12-Mar-04OKA ProjectL.D. BurdenTownship:Cairo20-Mar-04NTS:42P/15UTM Zone:metresEasting (NAD 27):526156.1Northing (NAD27):	11-Mar-04Scaled Diamond Drill LogCollar Azin12-Mar-04OKA ProjectCollarL.D. BurdenTownship:CairoClaim Number:20-Mar-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):526156.1Northing (NAD27):5312460.6	11-Mar-04Scaled Diamond Drill LogCollar Azimuth:12-Mar-04OKA ProjectCollar Dip:L.D. BurdenTownship:CairoClaim Number:1199662 3004550Length:20-Mar-04NTS:42P/15UTM Zone:17Core Size:metresEasting (NAD 27):526156.1Northing (NAD27):5312460.6Elevation:

Ĕ				Li	thology			Struc				Sa	ampling)				Survey	/S
Lepin	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No 15898	From		Width	FA-Ge o (ppb) 69	FA-Gr	Ру%	Depth	Dip	Az
	74.75	86.9	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a inotited texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, blocky sections and minor qtz veining.				15898 15899	79 80.5	80.5 82	1.5 1.5	69 53		2.5 2.5			
										15901	82	83.5	1.5	38		2.5			
-										15902	83.5	85	1.5	260		2.5			
										15903	85	86.5	1.5	57		2,5	85.57	-42.6	150.4
-			Keewatin			Unit is generally, pale green-grey with a motiled appearance. It is fine grained with a				15904	86.5	88	1.5	21		2.5			
-	86.9	90.5	Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, pale green-grey with a mottled appearance. It is fine grained with a mottled texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				15905	88	89.5	1.5	22		2.5			
)(90.5	90.5				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site				15906	89.5	90.5	1	46		2.5			
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Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-42
Hole Commenced:	12-Mar-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	13-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662	Length:	91
Date Logged:	16-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	526130.5	Northing (NAD27):	5312508.7	Elevation:	356
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	857.6	Casing:	no casing

ŧ			Li	ithology		1	Struc				Sa	ampling					Survey	/S
From		Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
U100 From 0 	91 To 04	Major Litho Overburden/Lost Core (2) Diabase (5)			Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate magnetic susceptability.	1	Angle tca		Sample No	From	1		FA-Ge o (ppb)	FA-Grv (gr)	Ργ%		1	
					1 of 4											25.57	-44.5	153.7

41P15NE2027 2.28438 CAIRO

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-42
Hole Commenced:	12-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	13-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662	Length:	91
Date Logged:	16-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	526130.5	Northing (NAD27):	5312508.7	Elevation:	356
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	857.6	Casing:	no casing

ŧ			·	L	ithology			Struct				Sa	ampling				-	Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
30	0.4	91	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate magnetic susceptability													
35-																			
40																			
45																			
50						2 of 4													

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-42
Hole Commenced:	12-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	13-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662	Length:	91
Date Logged:	16-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	526130.5	Northing (NAD27):	5312508.7	Elevation:	356
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	857.6	Casing:	no casing

ţ,				Li	thology			Struct				Sa	ampling]				Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
<u></u> 	0.4	91	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate magnetic susceptability				NO				<u>o (pp)</u>	(gr)				
60																			
70																			
75 –																			
						3 of 4													

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-42
Hole Commenced:	12-Mar-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	13-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662	Length:	91
Date Logged:	16-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	526130.5	Northing (NAD27):	5312508.7	Elevation:	356
DH Survey:	Single Shot Flexit	Grid Easting:	1900	Grid Northing:	857.6	Casing:	no casing

th :				L	ithology			Struc				Sa	ampling)				Surve	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
	04	91	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration in addition ithe unit has moderate magnetic susceptability	-												
5																	85.57	-43.7	150.4
	91	91				 Furthermore, dnll core stored by the Matachewan Consolidated Mine Number 3 Shaft site 													
5 1 1 1 1 1																			
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- 00 -	-																		
-																			
15						4 of 4													

<u>Scal</u>	led Diamono	l Drill Log	Colla	ar Azimuth:	331.5
				ar Azimuti.	331.5
	<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Township:	Cairo	Claim Number:	1248827	Length:	140
NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
ing (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
Grid Easting:	1550	Grid Northing:	775	Casing:	no casing
	•	Township: Cairo NTS: 42P/15 ting (NAD 27): 525860.2	Township:CairoClaim Number:NTS:42P/15UTM Zone:ting (NAD 27):525860.2Northing (NAD27):	Township: Cairo Claim Number: 1248827 NTS: 42P/15 UTM Zone: 17 ting (NAD 27): 525860.2 Northing (NAD27): 5312271.4	Township: Cairo Claim Number: 1248827 Length: NTS: 42P/15 UTM Zone: 17 Core Size: ting (NAD 27): 525860.2 Northing (NAD27): 5312271.4 Elevation:

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
-										15596	0	1	1	21		3			
-										15597	1	2	1	10		1.5			
-					1					15598	2	3.5	1.5	28		2.5			
-										15599	3.5	5	1.5	122		2.5			I
5										15601	5	6.5	1.5	74		3.5			
	0	15.46	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, pale green-grey with a uniform appearance. It is fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				- 15602	6.5	8	1.5	14		3.5			
						Furthermore, becomes crackled with minor epidote alteration with depth.				15603	8	9.5	1.5	14		2.5			
0-										15604	9.5	11	1.5	17		2.5			1
-		ļ								15605	11	12.5	1.5	10		2.5			1
						Unit is generally, pale green-grey with a				15606	12.5	14	1.5	22		3.5			ł
5-						Juniform appearance. It is fine grained with a mildly brecciated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.	15.46	20	contact	15607	14	15.46	1.46	15		4.5			1
-	15.46	18.4	Keewatin Metavolcanic Rocks	Mafic Metavolcanic		Unit is generally, pale green-grey with a uniform appearance. It is fine grained with a mildly brecciated texture. It has a strong and				15608	15.46	17	1.54	200		7.5			1
-			(4)			pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.	18.4	30	contact	15609	17	18.4	1.4	15		4			I
	18.4	21.46	Keewatin Metavolcanic Rocks	Mafic Metavolcanic		Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a foliated texture. It has a strong and				15610	18.4	19.75	1.35	24		5.5			1
-			(4)			pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, possibly altered gabbro.				15611	19.75	21	1.25	72		7.5			
	21.46	22.18	Lamprophyre (9)	Undifferentiated		/Unit is generally, pate tan with a blotchy appearance. It is fine grained with a vein breccia texture. It has a strong and pervasive	21.46 22.18	40 25	contact contact	15612	21	22.18	1.18	167		8			I
-1			Keewatin			Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, rich in py, hematitic altered.				15613	22.18	23.5	1.32	1159	1.34	10.5			i
	22.18	26 37	Metavolcanic Rocks (4)	Breccia		Unit is generally, very pale white with a blotchy appearance. It is very fine grained with a vein breccia texture. It has a strong and				15614	23.5	25	1.5	925		9.5			1
-	26 37	29.87	/Keewatin Metavolcanic Rocks (4)	Breccia		pervasive Ca-carbonate atteration. In addition the unit has no magnetic susceptability. 1 Of 6 Furthermore, has sugary blue-grey qtz.				15615 15616	25 26.37	26.37 28	1.37	912 608		11 8.5			1



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CAIRO

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-43
Hole Commenced:	13-Mar-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	14-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	140
Date Logged:	18-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	775	Casing:	no casing

Ę	•			Li	thology		1	Struc				Sa	ampling)				Surve	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
	26 37	29.87	Keewatin Metavolcanic Rocks (4)	Breccia		Unit is generally, very pale white with a blotchy appearance. It is very fine grained with a vein breccia texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.		100		15616	26.37 28	28 29	1.63	608 519	<u>(gr)</u>	8.5 8.5			
0 0						Eurthermore, has sugary blue-grey qtz.	29.87	35	contact	15618	29	29.87	0.87	303		8.5			
										•15619	29.87	31.5	1.63	716		9			
4	29.87	36,46	Keewatin Metavolcanic Rocks	Mafic Metavolcanic		Unit is generally, pale grey-brown with a uniform appearance. It is fine grained with a mildly brecciated texture. It has a strong and				15620	31.5	33	1.5	800		8			
	20.07	00.40	(4)			pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15621	33	34,18	1.18	595		7.5			
										15622	34.18 35	35	0.82	857 652		8.5 7.5			
-										15623	35	30.46	1.46	652		1.5			
-										15624	36.46	38	1.54	256		3.5			
-										15625	38	39.5	1.5	232		4			
-										15626	39.5	41	1.5	91		2.5			
-	36 46	48.11	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition				15627	41	42.5	1.5	48		2.5			
			(4)			the unit has moderate and pervasive magnetic susceptability.				15628	42.5	44	1.5	163		2.5			
										15629	44	45.5	1.5	100		2.5			
-										15630	45.5	47	1.5	115		2.5	45.57	-44.2	334.7
	48.11	48.31	Keewatin Metavolcanic Rocks (4)	Malic Metavolcanic		/Unit is generally, medium green-grey with a banded appearance. It is fine grained with a sheared texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	48	50	schistosity	15631	47	48.5	1.5	476		2.5			
	48.31	62.07	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate atteration. In addition the unit has moderate and pervasive magnetic susceptability.				15632 • 15633	48.5 50	50 51.5	1.5 1.5	74 22		2.5 2.5			
						2 of 6				15634 15635	51.5 53	53 54.5	1.5	57 38		2.5 2.5			

Contractor:	Heath & Sherwo	od <u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-43
Hole Commenced:	13-Mar-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	14-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	140
Date Logged:	18-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
DH Survey:	Single Shot Flex	kit Grid Easting:	1550	Grid Northing:	775	Casing:	no casing

Ŧ				Li	thology	улиун түү түү түүн түйнө жага жаага байга б		Struc	ture	-		Sa	ampling	 1			[Surve	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Gr	Py%	Depth	Dip	Az
55	48.31	62.07	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic susceptability.				15635 •15636	53 54.5	54.5 56	1.5	<u>o (ppb)</u> 38 79	(gi)	2.5 2.5			
										15637	56	57.5	1.5	28		1.5			
-										15638	57.5	59	1.5	139		1.5			
60										15639	59	60.5	1.5	40		1.5			
						Unit is generally, medium green-grey with a	62.07	85	contact	15640	60.5	62.07	1.57	267		2.5			
	62.07	63.8	Lamprophyre (9)	Undifferentiated		unitom appearance. It is line to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic , susceptability. Furthermore, possibly gabbro.	63.8	85	contact	15641	62.07	63.8	1.73	36		0.5			
65							/			15642	63.8	65.5	1.7	53		1.5		-	
-							67.36	70	contact	15643	65.5	67	1.5	43		1.5			
-						Unit is generally, medium green-grey with a	67.55	80	contact	15644	67	68.5	1.5	76		1.5			
70-	63.8	75	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic				15645	68.5	70	1.5	45		1.5			
						susceptability.				15646	70	71.5	1.5	93		1.5			
-										15647	71.5	73	1.5	129		1.5			
										15648	73	74	1	79	ĺ	1.5			
75							75	30	contact	15649	74	75	1	132		1.5			
						Unit is generally, pale green-grey with a blotchy appearance. It is fine grained with a				15651	75	76.5	1.5	265		9	75.57	-43.5	340.2
	75	80.08	Keewatin Metavolcanic Rocks (4)	Matic Metavolcanic		mildly expectated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weak atbitic/hematitic alteration.				15652	76.5	78	1.5	1089	1.03	9			
						3 of 6				15653 15654	78 79.5	79.5 81	1.5 1.5	673 721		9 7.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-43
Hole Commenced:	13-Mar-04	<u>Sca</u>	<u>led Diamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	14-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	140
Date Logged:	18-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	775	Casing:	no casing

ţ 1				L	ithology		1	Struc				Sa	ampling)				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv	Py%	Depth	Dip	Az
30 1	75	80.08	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally pale green-grey with a blotchy appearance. It is fine grained with a midly breccated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, weak abblic/hematilic alteration.				15654	79.5 81	81 82.5	1.5	721 1215	1.37	7.5 2.5			
										15656	82.5	84	1.5	96		2.5			
35										15657	84	85.5	1.5	55		1.5			
-										15658	85.5	87	1.5	341		2.5			
	80.08	95.79	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition				15659	87	88.5	1.5	1770	1.89	2.5		ĺ	
90 ·				- - -		the unit has no magnetic susceptability.				15660	88.5	90	1.5	1455	1.58	5.5			
-										15661	90	91.5	1.5	449		2.5			
										15662	91.5	93	1.5	229		2.5			
-						Unit is generally, pale white with a ribboned appearance. It is fine grained with a contorted texture. It has a strong and pervasive				15663	93	94.5	1.5	631		2.5			
95 -			Keewatin Metavolcanic Rocks			Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15664	94.5	95.79	1.29	220		2.5			
1	95.79 96.48	96.48 96.92	(4) Keewatin Metavolcanic Rocks	Chlorite Schist Mafic Metavolcanic		/Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and	95.79 96.48 96.92	35	contact contact contact	15665	95.79	96.48	0.69	1753	1.78	7.5			
-			` <u>(4)</u> /			pervasive Ca-carbonate alteration. In addition (the unit has no magnetic susceptability. Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with				15666	96.48	98	1.52	2265	2.23	1.5			
	96.92	100.7	Lamprophyre (9)	Undifferentiated		a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15667	98	99.5	1.5	200		1.5			
00			Keewatin			/Unit is generally, medium grey with a ribboned appearance. It is fine grained with a contorted	100.7	80	contact	15668	99.5	100.7	1.2	117		1.5			
	100.7	101.77		Chlorite Schist		texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	101.77	65	contact	15669	100.7	101.77	1.07	286		1.5			
	101.77	112.85	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale grey with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a moderate and				15670		103 5	1.73	144		1.5			
05						pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15671	103.5	105	1.5	303		1.5			
				<u> </u>		4 of 6				15672	105	106.5	1.5	507		1.5	105.57	-44	333.3

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-43
Hole Commenced:	13-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	14-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	140
Date Logged:	18-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	775	Casing:	no casing

ŧ				Lil	hology			Struc	ture	•		Sa	mpling	·			Surv	veys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)		Py%	Depth Dip	Az
	101.77	112.85	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale grey with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15672 15673	105 106.5	106.5 108	1.5	507 475	. (91)	1.5 1.5		
110										15674	108 109.5	109.5 111	1.5 1.5	301 232		1.5		
										15676	111	112	1	150	1	1.5		
							112.85	45	contact	15677	112	112.85	0.85	275		1.5		
	112.85	115.41	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		Unit is generally, pale green-grey with a ribboned appearance. It is fine grained with a contorted texture. It has a strong and pervasive Ca-carbonate alteration. In addition				15678	112.85		1.15	826		6		
115 -						the unit has no magnetic susceptability. Unit is generally, dark green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a	115.41	65	contact	15679 15680	114 115.41	115.41 116.5	1.41 1.09	652 377		4 2.5		
	115.41	117.46	Lamprophyre (9)	Undifferentiated		strong and pervasive Ca-carbonate alteration In addition the unit has no magnetic susceptability.	117.46	65	contact	15681	116.5	117.46	0.96	557		3.5		
	117.46	120.46	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		Unit is generally, very dark green with a uniform appearance. It is very fine grained with a sheared texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak to moderate and pervasive	117.79		fault gouge	15682	117.46		1.54	115		1.5		
120						magnetic susceptability.	120.46		fault gouge	15683 15684	119 120.46	120.46 121.5	1.46	593 64		1.5 0.01		
-						Unit is generally, dark green with a ribboned appearance. It is very fine grained with a				15685	121.5	122.5	1	10		0.01		
	120.46	125 61	Keewatin Metavolcanic Rocks (4)	Talc Chlorite Schist		sheared texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak to moderate and pervasive magnetic susceptability.				15686	122.5	124	1.5	5		0.01		
125						Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a				15687	124	125.61		5		0.01		
-	125.61	130.08	Keewatin Metavolcanic Rocks	Ultramafic Metavolcanic		massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak pervasive magnetic susceptability.				15688	125.61	127 128.5	1.39	9		0.01		
-	120.01	130.00	(4)			Unit is generally, dark green with a uniform appearance. It is very fine grained with a sheared texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15690	128.5	130.08		9		0.01		
130 -	130.08	131.83	Keewatin Metavolcanic Rocks (4) Keewatin	Chlorite Schist	х	Unit is generally, dark green-grey with a mottled appearance. It is fine grained with a massive texture. It has a moderate and negrative Cacadebacte attention. In arkitition				15691	130.08	131.83	1.75	9		0.01		
	131 83	140	Metavolcanic Rocks (4)	Ultramafic Metavolcanic		the unit has moderate and pervassive magnetic susceptability. 5016			 	15692	131.83	133.5	1.67	17		0.01		

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>	-	Drill Hole:	OK04-43
Hole Commenced:	13-Mar-04	<u>Sca</u>	<u>led Diamonc</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	14-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	140
Date Logged:	18-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525860.2	Northing (NAD27):	5312271.4	Elevation:	349
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	775	Casing:	no casing

Ę				Liti	nology			Struct	ure	1	•		mpling	· - ·- ·	·			Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No 15692	From	То	Width	FA-Ge o (ppb) 17	FA-Grv	Py%	Depth	Dip	Az
135	131.83	140	Keewatin Metavolcanic Rocks \(4)	Ultramafic Metavolcanic		Unit is generally, dark green-grey with a motified appearance. It is fine granned with a massive fexture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15692 15693	131.83 133.5		1.67 1.5	5	(<u>g</u> i)	0.01			
-										15694	135	136.5	1.5	5		0.01	135.57	-44.2	335.8
										15695	136.5	138	1.5	7		0.01			
140	140	140				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.				15696	138	140	2	38		0.01			
		l F									i i								
145																			
										-									
150																			
155																			
-																			
				<u> </u>		6 of 6					l								

Contractor:	Heath & Sherwoo	d <u>Young</u>	Davidson M	ines, Limited		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	16 -Mar -04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexi	t Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

Ē				Li	thology		Τ	Struc	ture	Τ		Sa	ampling		·			Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
	0	2.7	Overburden/Lost Core (2)	Overburden															
	2.7	5.42	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition				15722	2.7	4.5	1.8	10		0.01			
-						the unit has no magnetic susceptability.	5.42	50	contact	15723	4.5	5.42	0.92	9		0.01			
i		}								15724	5.42	7	1.58	55		2.5			
-										15725	7	8.5	1.5	24		2.5			
-										15726	8.5	10	1.5	28		2.5			
										15727	10	11.5	1.5	14		2.5			
										15728	11.5	13	1.5	288		2.5			
-			Kaanaka			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				15729	13	14.5	1.5	50		2.5			
	5.42	25.2	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, locally crackled.				15730	14.5	16	1.5	43		2.5			
-										15731	16	17.5	1.5	139		2.5			
			-							15732	17.5	19	1.5	225		2.5			
-										15733	19	20.5	1.5	24		1.5			
										15734	20.5	22	1.5	24		1.5			
										15735	22	23.5	1.5	40		2.5			1
-			Keewatin			Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a laminated texture. It has a strong and pervasive Ca-carbonate alteration. In addition	25.2	45	contact	15736	23.5	25.2	1.7	28		2.5			
	25.2	34.23	Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	the unit has moderate and spotty magnetic f 7 susceptability.				15737 15738	25.2	26.5 28	1.3	260 587		4.5 4.5			



Contractor:	Heath & Sherwood	Young-	<u>Davidson M</u>	ines, Limited		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	16- M ar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

ŧ				Li	thology			Struc	ture			Sa	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 587	FA-Gr	Py%	Depth	Dip	Az
	25.2	34.23	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)	siltstone	Unit is generally, pale green-grey with a banded appearance. It is very line grained with a faminated texture. It has a strong and pervasive Ca-carbonate atteration. In addition the unit has moderate and spotty magnetic susceptability.	29.4	50	bedding	15738	26.5 26	28 29.5	1.5	84	(g i)	4.5 1.5			
30										15740	29.5	31	1.5	29		1.5			
							31.45	50	bedding	15741	31	32.5	1.5	46		1.5			
						Unit is generally, very pale tan with a uniform				15742	32.5	34	1.5	151		1.5			
35	34.23	34.88	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)		appearance. It is aphanitic with a vein breccia texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit	34.23 34.88	55 50	contact contact	15743	34	34.88	0.88	1804	1.89	11			
						has no magnetic susceptability.	2			15744	34.88	36.5	1.62	22		2.5			
										15745	36.5	38	1.5	36		2.5			[]
_										15746	38	39.5	1.5	36		2.5			
40										15747	39.5	41	1.5	24		2.5			
										15748	41	42.5	1.5	12		2.5			
			Keewatin			Unit is generally, pale green-grey with a spotted appearance. It is fine grained with a				15749	42.5	44	1.5	15		2.5			
	34.88	64.25	Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Clastic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15751	44	45.5	1.5	14		2.5			
45						,				15752	45.5	47	1.5	12		2.5	45.57	-44.2	331.8
-																			
-										15753	47	48.51	1.51	8		2.5			
50										15754	48.51	50	1.49	33		25			
		*								15755	50	51.5	1.5	21		2.5			
						2 of 7				15756 15757	51.5 53	53 54.5	1.5 1.5	69 12		1.5 <u>1.5</u>			

Contractor:	Heath & Sherwoo	d <u>Young</u>	-Davidson M	ines, Limited		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	Sca	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	16-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres I	Easting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexi	t Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

Ę				Li	thology			Struc		Τ			ampling	,				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv (gr)	Py%	Depth	Dip	Az
	34.88	64.25	Keewatin Metavołcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, pale green-grey with a spotted appearance. It is fine grained with a clastic texture. It has a strong and pervasive Ca-carbonate alteration in addition the unit has no magnetic susceptability				15757	53 54 5	54.5 56	1.5	12	(97	1.5 1.5			
							57.33	60	bedding	15759	56	57.5	1.5	31		1.5			
									\$ 	15760	57.5	59	1.5	55		2.5			
60										15761	59	60.5	1.5	43		2.5			
-										15762	60.5	62	1.5	7		2.5			
										15763	62	63	1	5		1.5			
							64.25	50	contact	15764	63	64.25	1.25	29		3.5			
65										15765	64.25	65.5	1.25	89		11			:
						Unit is generally, medium grey-brown with a blotchy appearance. It is very fine grained				15766	65.5	67	1.5	41		10			
	64.25	72	Keewatin Metavołcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	with a bedded texture It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, contains large 1 cm euhedral				15767	67	68.5	1.5	40		5			
70						pyrite xis.				15768	68.5	70	1.5	21		5			
-						Unit is generally, medium green-grey with a	-			15769	70	71.5	1.5	15		3			
- -	72	74.62	Keewatin Metavolcanic Rocks	Interflow	Sandstone	Spotted appearance it is fine graned with a clastic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,	72	50	contact	15770	71.5	73	1.5	17		1.5			
			(4)	Metasediments (Undif.)		lithic ss. Unit is generally, medium green-grey with a	71.00		anataat	15771	73	74.5	1.5	26		1.5			
75	74.62	75 86	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	blotchy appearance It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.	74.62 75.86	70	contact contact	15772	74.5	75.86	1.36	48		3.5	75.57	-44.2	329.3
-	75.00		Keewatin Metavolcanic Rocks	Interflow	Mudstone	Unit is generally, medium grey-brown with a blotchy appearance. It is very fine grained with a mildly brecciated texture. It has a				15773	75.86	77.5	1.64	255		2.5			
	75.86	87 61	(4)	Metasediments (Undif.)	woostone	moderate but spotty ab alteration. In addition the unit has weak and spotty to moderate and pervassive magnetic suscentability.				15774	77.5	78.86	1.36	124		2.5			1
	L	l			<u> </u>	3 of 7		L	L	15775	78.86	80.5	1.64	48		1.5			ı

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	16-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

E				Li	thology			Struc	ture			Sa	ampling)				Survey	/s
Lep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Ge o (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
	75.86	87.61	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, medium grey-brown with a blotchy appearance. It is very fine grained with a mildly breccated texture I has a moderate but spotty ab alteration. In addition ithe unit has weak and spotty to moderate and				15775	78.86	80.5 82.28	1.64	48		1.5			
1						pervassive magnetic susceptability				15777	82.28	83.5	1.22	184		4			
-																			
_						Unit is generally, medium red-brown with a blotchy appearance. It is very fine grained with a vein breccia texture. It has a moderate				15778	83 5	85	1.5	139		6			
-						and pervasive ab alteration. In addition the unit has no magnetic susceptability Unit is generally, medium grey-brown with a	86.5	15	schistosity	15779	85	86.47	1.47	210		6			
-						blotchy appearance. It is fine grained with a sheared texture. It has a moderate but spotty ab alteration. In addition the unit has no				15780	86.47	87.61	1.14	341		8.5			
-	87.61	89.79	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		magnetic susceptability.	88.6	70	contact	15781	87.61 88.6	88.6 89.79	0.99	432 2236	2.23	8.5 9.5			
-	i					foliated texture. It is very fine grained, with a foliated texture. It has a moderate and pervasive Ca-carbonate alteration. In addition	89.79	25	contact										
	89.79	93.35	Keewatin Metavolcanic Rocks	Interflow	Mudstone	the unit has spotty and moderate magnetic susceptability. Unit is generally, medium green with a	91.25	30	fracture plane	15783	89.79	91.5	1.71	1448	1.61	7.5			
			(4)	Metasediments (Undif.)		ribboned appearance. It is very fine grained with a sheared texture It has a strong and pervasive Ca-carbonate alteration. In addition	92.87	55	schistosity	15784	91.5	93 45	1.95	547		6			
			Keewatin	Interflow		the unit has no magnetic susceptability. Unit is generally, medium grey with a uniform appearance. It is very fine grained with a	93.35	65	schistosity	15785	93.45	94.5	1.05	108		1.5			
-	93.35	95.68	Metavolcanic Rocks (4)	Metasediments (Undif.)	Mudstone	massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has spotty and moderate magnetic	95.68	65	contact	15786	94.5	95.68	1.18	120		1.5			
	95.68	96.53	Lamprophyre (9)	Undifferentiated		susceptability Unit is generally, medium green with a uniform appearance. It is very fine grained with a	- 95.98 96.53	45 45	shear contact	15787	95.68	96.53	0.85	71		1.5			
1	96.53	99.23	Keewatin Metavolcanic Rocks	Interflow Metasediments (Undif.)	Mudstone	foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15788	96.53	98	1.47	134		1.5			
-			(4)			Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a foliated texture It has a moderate	99.23	75	contact	15789	98	99.23	1.23	52		1.5			
						and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15790	99.23	100.5	1.27	21		0.01			
-	99.23	102.91	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green with a uniform appearance. It is very fine grained with a foliated texture. It has a strong and	101.04	5		15791	100.5	102	1.5	21		0.01			
1			Keewatin			pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	102.5 102.91	5 60	contact	15792	102	102.91	0.91	40		0.01			
-	102.91	105.26	Metavolcanic Rocks (4) Lamprophyre (9)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, pale grey-brown with a blotchy appearance. It is very fine grained with a mildly brecciated texture. It has a renderate but deputy the platfiller.				15793	102.9	104.5	1.59	53		0.01			
_	105.26	105.69 114.82	Keewatin Metavolcanic Rocks	Undifferentiated Interflow Metasediments (Undif.)	Mudstone	moderate but spotty ab alteration. In addition the unit has no magnetic susceptability Furthermore, moderately feldspathized with lamp dyking near II tca.	105 105 26 105 69		contact	15794 15795	104.5	106	1.5	98		1.5	105.57	-43.9	332

Contractor:	Heath & Sherwoo	od <u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	<u>led Diamonc</u>	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	16-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexi	it Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

Depth :				Li	thology			Struc				Sa	ampling)				Survey	/S
g	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Gr	Py%	Depth	Dip	Az
-	105.69	114.82	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)	Mudstone	Unit is generally, pale grey-brown with a biotchy appearance. It is very fine grained with a mildy brecciated texture It has a moderate but spotty ab alteration. In addition the unit has no magnetic susceptability. Furthermore, moderately feldspathized, with lamp dyking near II to a				15795	106 107.5	107.5	1.5	31 83	(91)	1.5 2.5			
- 110							109.67	20	schistosity	15797	109	110.5	1.5	1646	1.78	9			ĺ
-							111.5	10	schistosity	15798	110.5	112	1.5	2556	2.64	9			
							112.24 112.6	10 10	schistosity schistosity	15799	112	113.5	1.5	1164	1.27	9			
-						Unit is generally, dark grey-brown with a uniform appearance. It is fine grained with a				15801	113.5	115	1.5	332		55			
115	114.82	115.35	Lamprophyre (9)	Undifferentiated		massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	114.82	10	contact contact	15802	115	116.54	1.54	236		2.5			
-							116.54	70	contact	15803	116.54	118	1.46	241		25			
										15804	118	119.5	1.5	126		2.5			
120 -										15805	119 5	121	1.5	349		2.5			
-			Keewatin	Interflow		Unit is generally, pale green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and				15806	121	122.5	1.5	432		2.5			
	115.35	129.6	Metavolcanic Rocks (4)	Metasediments (Undif.)	siltstone	pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability				15807	122.5	124	1.5	258		2.5			
125	1									15808	124	125.5	1.5	230		2.5			
-										15809	125.5	127	1.5	167		2.5			
-						Unit is generally, medium green-grey with a uniform appearance. It is fine to medium				15810	127	128.5	1.5	120		2.5			
						grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	129.6		contact	15811	128 5	129.6	1.1	93		2 5			
130 ··	129.6	131.62	Lamprophyre (9)	Undifferentiated		Unit is generally, medium grey-brown with a biotchy appearance. It is fine grained with a massive texture It has a strong and	-			15812	129.6	131 62	2.02	153		0.01			
 	131.62	136.28	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic 5 of 7 susceptability.	131.62		contact	15813	131.62	133	1.38	172		5.5			

Contractor:	Heath & Sherwood	Young	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	r Azimuth:	331.5
Hole Completed:	16-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

pth :				Li	thology			Struc	ture			Sa	ampling	3				Surve	ys
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 172	FA-Grv (gr)	Py%	Depth	Dip	Az
35 -	131 62	136.28	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	Unit is generally, medium grey-brown with a blotchy appearance. It is fine grained with a massive texture it has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability.	1			15813 15814 15815	131.62 133 134.5	133 134 5 136.28	1.38	172 267 721		5.5 3.5 5.5			
-							136 28		contact	13813	134.3	130.20	1.70	/21		5.5	135.57	-43.9	334.8
1										15816	136.28	137.5	1.22	162		0.01			
	136 28	141.71	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration.				15817	137.5	139	1.5	268		0.01			
40						In addition the unit has no magnetic susceptability.				15818	139	140.5	1.5	402		0.01			
							141.71	70	contact	15819	140.5	141.71	1.21	55		0.01			
-						Unit is generally, medium red-brown with a	141.71			15820	141.71	143	1.29	882		1.5			
	141 71	145.73	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	biotchy appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15821	143	144.5	1.5	547		2.5			
45 -						/Unit is generally, medium green with a ribboned appearance. It is fine grained with a contorted texture. It has a strong but spotty ccl alteration. In addition the unit has no	145.73	70	contact	15822 15823	144 5 145.73	145.73 147	1.23	310 1056	1.13	2.5			
-	145 73	149.13	Keewatin Metavolcanic Rocks	Chlorite Schist		magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine to medium	-			15824	147	148	1	435		2.5			
-			(4)			grained with a massive texture It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic	149 13	87	contact	15825	148	149.13	1.13	404		2.5			
	149.13	151.01	Lamprophyre (9)	Undifferentiated		Susceptability. Unit is generally, medium green with a ribboned appearance it is fine grained with a				15826	149.13	151.01	1.88	33		0.01			
-						contorted texture. It has a strong but spotty cd alteration. In addition the unit has no magnetic susceptability Unit is generally, pale tan with a biotchy appearance. It is fine to medium grained with	-	60	contact	15827	151.01	152.5	1.49	552		2.5			
-	151.01	156.57	Keewatin Metavolcanic Rocks (4)	Chionte Schist		a porphyntic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, brecclated, large nugget of cpy.				15828	152.5	154	1.5	1591	1.65	2.5			
55						Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a vein breccia texture. It has a strong but				15829	154	155.5	1.5	101		2.5			
	100.07		Grey Porphyry (6) Keewatin			spotty gov alteration. In addition the unit has no magnetic susceptability. Furthermore, 14 zone.	156.57	70	contact	15830	155.5	156.57	ļ	329		0.01			
-	156.57		(4) Keewatin	Feldspar Porphyry Breccia		Unit is generally, medium red-brown with a blotchy appearance. It is fine grained with a mildly brecciated texture. It has a moderate	157.79	45	vein	15831		157.79		277		3.5			
-	157.79 159.11	159.11 163.92		Interflow Metasediments (Undif.)	siltstone	mildly brecciated texture. It has a moderate and pervasive ab alteration. In addition the unit has no magnetic susceptability. 6 Of 7			<u> </u>	15832 15833		159.11 160.5	1.32 1.39	1675 932	1.85	11 8.5	L	<u> </u>	

Contractor:	Heath & Sherwood	<u>Young</u>	-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-44
Hole Commenced:	14-Mar-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	16-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1248827	Length:	185
Date Logged:	19-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	asting (NAD 27):	525879.9	Northing (NAD27):	5312234.4	Elevation:	350
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	733	Casing:	casing in hole

ţ				Li	thology			Struc	ture	T		Sa	ampling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
160	159.11	163.92	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	Unit is generally, medium red-brown with a blotchy appearance. It is fine grained with a mildly brecated texture It has a moderate and pervasive ab alteration. In addition the unit has no magnetic susceptability.	-			15833	159.11 160 5	160.5 162	1.39 1.5	932 743		8.5 7.5			
										15835	162	163	1	461		7.5			
	163.92	164.12		Ultramafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and	163.92		contact contact	15836	163	163.92	0.92	516		7.5			
1 6 5 —	164.12	165.41	(4) Keewatin Metavolcanic Rocks	Mafic Dyke (undif.)		pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, dark green with a uniform	165 41		contact	15837	163.92	165.41	1.49	571		5.5			
-			(<u>4</u>)			appearance. It is fine grained with a massive texture. It has a strong and pervasive chloritic alteration. In addition the unit has no magnetic susceptability.	105.41		contact	15838	165.41	167	1.59	1		0 01			
_										15839	167	168.5	1.5	1		0.01			
			Keewatin			Unit is generally, dark black with a blotchy appearance. It is very fine grained, with a				15840	168 5	170	1.5	1		0.01			
170	165.41	175.45	Metavolcanic Rocks (4)	Ultramafic Metavolcanic		massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has strong and pervassive magnetic susceptability. Furthermore, talc-carb stringers				15841	170	171.5	1.5	1		0.01			l.
										15842	171.5	173	1.5	12		0.01			
-										15843	173	175.45	2.45	15		0.01			
175							175 45	40	contact	15844	175.45	176	0.55	10		0			
-																			
180	175.45	185	Diabase (5)	Undifferentiated		Unit is generally, very dark black with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability													
185	185	185				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 f 7 Shaft site.													

Contractor:	Heath & Sherwood	· <u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-45
Hole Commenced:	16-Mar-04	Se	caled Diamond	l Drill Log	Co	ollar Azimuth:	151.5
Hole Completed:	17-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	101
Date Logged:	21-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525531.3	Northing (NAD27):	5312042.2	Elevation:	357
DH Survey:	Single Shot Flexit	Grid Easting:	1150	Grid Northing:	727	Casing:	casing in hole

Ę				Li	thology			Struc	ture			Sa	ampling				Survey	5
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv Py%	Depth	Dip	Az
	0	3.5	Overburden/Lost Core (2)	Overburden														
							. 3.8	60	bedding	15697	3.5	5	1.5	36	0.5			
Ť							5.96	40	bedding	15698	5	6.5	1.5	28	0.0			
-					-					15699	6.5	8	1.5	48	0.0			
							9.05	50 55	bedding	15701	8	9.5	1.5	48	0.0			
0		 					9.15	55	bedding	15702	9.5	11	1.5	29	0.0			
							12	40	bedding	15703	11	12.5	1.5	28	0.0			
	:									15704	12.5	14	1.5	17	0.0			
5-	3.5	36.06	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium grey with a ribboned appearance. It is very fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate				15705	14	15.5	1.5	52	0.0			
						alteration. In addition the unit has weak and pervassive magnetic susceptability.	15.7	60	bedding	15706	15.5	17	1.5	225	0.0			
										15707	17	18.5	1.5	38	0.0			
										15708	18.5	20	1.5	22	0.0			
										15709	20	21.5	1.5	40	0.0			
							00.05			15710	21.5	23	1.5	40	0.0	1		
							23.05	60	bedding	15711	23	24.5	1.5	46	0.0			
25-		 1		IN THE CONTRACTOR OF A DESCRIPTION OF A DES						15712	24.5	26	1,5	52	0.0	1		
						1 of 4		L	l	15713	26	27.5	1.5	29	0.0	1		
		Ì			CALLO	065												

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Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-45
Hole Commenced:	16-Mar-04	Sc	caled Diamond	I Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	17-Mar-04	٥	<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	101
Date Logged:	21-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525531.3	Northing (NAD27):	5312042.2	Elevation:	357
DH Survey:	Single Shot Flexit	Grid Easting:	1150	Grid Northing:	727	Casing:	casing in hole

۲.				Li	ithology			Struc	ture	1		S	ampling				Survey	s
Depth	From	Τo	Major Litho	Rock Type	Sublithology	Description	Depth	Angie tca	Туре	Sample No	From	То	Width	FA-Geo FA-Gr (ppb) (gr)	/ Py%	Depth	Dip	Az
	3.5	36.06	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium grey with a ribboned appearance. It is very fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability.				15713 15714	26 27.5	27.5 29	1.5 1.5	29 40	0.01			
										15715	29	30.5	1.5	103	0.01			
								1		15716	30.5	32	1.5	45	0.01			
										15717	32	33.5	1.5	43	0.01			
							34.75	60	bedding	15718	33.5	35	1.5	8	0.01			
							36.06	50	contact	15719 15720	35	36.06	1.06	52	0.01			
										15721	38	39.47	1.47	9	0.01			
																40.57	-45.6	
	36.06	101	Diabase (5)	Undifferentiated		Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. in addition the unit has moderate and pervassive magnetic susceptability.												
-						2 of 4												

Contractor:	Heath & Sherwood	<u>Youn</u>	<u>ig-Davidson M</u>	ines, Limited		Drill Hole:	OK04-45
lole Commenced:	16-Mar-04	Se	caled Diamond	I Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	17-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	101
Date Logged:	21-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525531.3	Northing (NAD27):	5312042.2	Elevation:	357
DH Survey:	Single Shot Flexit	Grid Easting:	1150	Grid Northing:	727	Casing:	casing in hole

Ę				L	ithology		T	Struct	ture	1		Sa	ampling			Ţ		Survey	s
Dep	From	То	Major Litho	Rock Туре	Sublithology	Description	Depth	Angle	Туре	Sample	From	То	Width	FA-Geo	FA-Grv	Py%	Depth	Dip	Az
	From 36.06	To 101	Major Litho Diabase (5)		1	Description Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				Sample No	From	r	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	· · · · · · · · · · · · · · · · · · ·	
0 5 5 11111111						3 of 4													

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-45
Hole Commenced:	16-Mar-04	Se	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	17-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	101
Date Logged:	21-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525531.3	Northing (NAD27):	5312042.2	Elevation:	357
DH Survey:	Single Shot Flexit	Grid Easting:	1150	Grid Northing:	727	Casing:	casing in hole

Ę		<u> </u>	·····	Li	thology			Struct	ure	<u> </u>		Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
80	36.06	101	Diabase (5)	Undifferentiated		Unit is generally, medium grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.													
85-																			
																	93.57	-45	
95																			
	101	101				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.													
105-						4 of 4													

Contractor:	Heath & Sherwood	Youn	ng-Davidson M	ines, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>Se</u>	caled Diamond	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

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Ę				L	ithology				Struc	ture			S	ampling					Survey	5
Depth	From	То	Major Litho	Rock Type	Sublithology	Description		Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	0	3.3	Overburden/Lost Core (2)	Overburden																
											15907	3.3	4.5	1.2	24		0.01			
5						Unit is generally, pale grey with a band	nded				15908	4.5	6	1.5	22		0.01			
	3.3	9.9	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, pale grey with a band appearance. It is aphanitic with a thin laminated texture. It has a strong an pervasive Fe-carbonate alteration. In addition the unit has weak and pervas magnetic susceptability.	nd n	6.96	50	bedding	15909	6	7.5	1.5	112		0.01			
1											15910	7.5	9	1.5	65		0.01			
0-											15911	9	10.5	1.5	280		0.01			
											15912	10.5	12	1.5	100		0.01			
								12.87	20	bedding	15913	12	13.5	1.5	21		0.01		1	
											15914	13.5	15	1.5	19		0.01			
								15.65	55	bedding	15915	15	16.5	1.5	33		0.01			
			Keewatin	Interflow		Unit is generally, medium grey with a banded appearance. It is very fine grained with a thinly laminated texture	e.				15916	16.5	18	1.5	26		0.01			
-	9.9	32.42	Metavolcanic Rocks (4)	Metasediments (Undif.)	siltstone	It has a strong and pervasive Fe-carb alteration. In addition the unit has wea and pervassive magnetic susceptabili Furthermore, locally laminae are conto	ak ility.				15917	18	19.5	1.5	21		0.01			
20-						and folded.		19.73	50	bedding	15918	19.5	21	1.5	34		0.01			
											15919	21	22.5	1.5	150		1.5			
-								23.73	60	bedding	15920	22.5	24	1.5	36		0.01			
25 —								24.44	70	bedding	15921	24	25.5	1.5	29		0.01			
						10	of 7				15922	25.5	27	1.5	26		0.01			L
		41	.P15NE2027	2.28438	CAIRO	070														

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-46
Hole Commenced:	17 -Ma r-04	<u>Sc</u>	caled Diamono	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		OKA Proj	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

th				l	ithology			Struc	ture			S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
1 1 1 1 1	9.9	32 42	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	Unit is generally, medium grey with a banded appearance. It is very fine grained with a thinly laminated texture. It has a strong and pervasive Fe-carbonate laiteration. In addition the unit has weak and pervasive magnetic susceptability. Furthermore, locally laminae are contorted per felder	28.89	70	bedding	15922 15923 15924	25.5 27 28.5	27 28.5 30	1.5 1.5 1.5	26 21 21	(0.)	0.01			
30 - -						land folded.				15925	30	31.5	1.5	17		0.01			
1 1						Unit is generally, medium green-grey with a blotchy appearance. It is fine grained	32.42	60	contact	15926	31.5	32.42	0.92	8		0.01			
	32.42	34.92	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	with a mottled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability. Furthermore.				15927	32.42	34.92	2.5	21		5.5			
35-						contorted chloritic muds with diss py.	34.92	50	contact	15928	34.92	35.5	0.58	5		0.01			
	34.92	39.89	Keewatin Metavolcanic	Interflow Metasediments	siltstone	Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a thickly laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the				15929	35.5	37 38.5	1.5	36		0.01			
			Rocks (4)	(Undif.)		unit has weak and pervassive magnetic susceptability. Unit is generally, pale green-grey with a banded appearance. It is very fine	37.96	40	bedding	15930 15931	38.5	39.89	1.39	29		0.01			
40-11	39.89	40.39	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	grained with a thickly laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability. Furthermore, gabbroic texture.	39.89 40.39	50 50	contact contact	15932	39.89	41.5	1.61	48		0.01			
11	40.39	44.79	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a thickly laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the				15933	41.5	43	1.5	28		0.01			1
45	44.79	45.37	Keewatin Metavolcanic	Mafic Dyke (undif.)		unit has weak and pervassive magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine to	44.79 45.37	35	contact contact	15934 15935	43	44.5	1.5	24		0.01			
			<u>Rocks (4)</u>			medium grained with a massive texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability. Furthermore, gabbroic texture.	45.57		Contact	15936	46	47.5	1.5	57		0.01			
	45.37	61 11	Keewatin Metavolcanic	Interflow Metasediments	siltstone	Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a thickly laminated texture. It has a strong and pervasive	48.81	60	bedding	15937	47.5	49	1.5	33		0.01			
50	10.01	0 m	Rocks (4)	(Undif.)	sinstone	Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability.				15938	49	50.5	1.5	28		0.01			
							51.66	30	bedding	15939	50.5	52	1.5	48		0.01			
						2 of 7	52.63	30	bedding	15940	52	53.5	1.5	36		0.01			

Contractor:	Heath & Sherwood	Your	ng-Davidson M	ines, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>S</u>	caled Diamond	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

th :					ithology	······································		Struc	ture			S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo	FA-Grv (ar)	Py%	Depth	Dip	Az
55 -	45.37	61.11	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments Undif.)	siltstone	Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a thickly laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability.	55.05 55.66	40 40	bedding bedding	15940 15941 15942	52 53.5 55	53.5 55 56.5	1.5 1.5 1.5	36 76 24		0.01	55.57	-41.7	
1 1 1 1							57.19	35	bedding	15943	56.5	58	1.5	77		0.01			
60										15944	58	59.5	1.5	62		0.01			
-							61.11	50	contact	15945 15946	59.5 61 11	61.11 62	1.61 0.89	45 323		0.01			
			Keewatin	Interflow		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a bedded texture. It has a				15947	62	63.5	1.5	624		1.5			
65-	61.11	66.5	Metavolcanic Rocks (4)	Metasediments (Undif.)	siltstone	grained with a bedded texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15948	63.5	65	1.5	640		1.5			
-						Unit is generally, medium green-grey with a uniform appearance. It is fine to	66.5	40	contact	15949 15951	65 66.5	66.5 67.5	1.5	38 28		1.5 0.01			
	66.5	69.13	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		Interview of the second				15951	67.5	68.5	1	20		0.01			
						susceptability. Furthermore, ğabbroic texture.	69.13	35	contact	15953	68.5	70	1.5	225		1.5			
-										15954	70	71.5	1.5	60		0.01			
-						Unit is generally, medium green-grey with				15955	71.5	73	1.5	4078	3.98	1.5			
- - 75	69.13	81.93	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	a uniform appearance. It is very fine grained with a bedded texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15956	73	74.5	1.5	48		1.5			
-										15958	76	77.5	1.5	26		15			
-										15959	77.5	79	1.5	71		15			
-	1					3 of 7				15960	79	80.5	1.5	76		1.5	l		

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>Sc</u>	aled Diamond	I Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

th :					_ithology			Struc	ture			S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	69.13	81.93	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a bedded texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and				15960 15961	79 80.5	80.5 81.93	1.5 1.43	76 65	(9)/	1.5 1.5			
	81.93	82.31	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	siltstone	bervassive magnetic susceptability. Unit is generally, medium tan with a uniform appearance. It is aphanitic with a mildly brecciated texture. It has a	81.93 82.31		contact contact	15962	81.93	83.52	1.59	344		2.5			
	82.31	85.53	Grey Porphyry (6)	Feldspar Porphyry		moderate but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, annealed contact bx.				15963	83.52	84.75	1.23	239		8.5			
85-						Unit is generally, medium red-brown with a spotted appearance. It is fine to medium	85.53		contact	15964	84.75	85.53	0.78	347		7.5			
						grained with a porphyritic texture. It has a moderate and pervasive hematitic alteration. In addition the unit has no	00.00		contact	15965	85.53	86.5	0.97	320		7.5			I
			Keewatin	Interflow		magnetic susceptability. Unit is generally, medium red-brown with a uniform appearance. It is fine grained				15966	86.5	87.5	1	129		3.5			1
	85.53	90.27	Metavolcanic Rocks (4)	Metasediments (Undif.)	siltstone	with a mildly brecciated texture. It has a moderate and pervasive hematitic alteration. In addition the unit has no magnetic susceptability.				15967	87.5	89	1.5	420		45			
•0-			Keewatin			Unit is generally, medium red-brown with a blotchy appearance. It is very fine grained with a vein breccia texture. It	90.27	50	vein	15968	89	90.27	1.27	781		3.5			I
	90.27	91.23	Metavolcanic Rocks (4)	Breccia		has a moderate and pervasive hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore.	91.23	50	vein	15969 15970	90 27 91.23	91 23 92	0.96	710 788		7.5 3.5			1
-						<u>carbonate bx vein.</u>	1			15971	92	93.5	1.5	492		3.5			1
-										15972	93.5	95	1.5	822		3.5			
95-		00.70	Keewatin	Interflow		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a bedded texture. It has a strong				10972	93.5	95	1.5	022		3.5			
-	91.23	99.78	Metavolcanic Rocks (4)	Metasediments (Undif.)	Mudstone, Wacke	and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15973	95	96.5	1.5	346		2.5			ł
										15974	96.5	98	1.5	366		2.5			
-						Unit is generally, medium grey-brown with a blotchy appearance. It is fine grained with a mildly brecciated texture. It has				15975	98	99.78	1.78	810		3.5			
100						a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.	101.4	50	shear	15976	99.78	101.5	1.72	1184	1.2	7.5			
-	99.78	104.4	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a sheared texture. It has a strong and pervasive ccl alteration. In				15977	101.5	103	1.5	1446	1.47	75			
-			Keewatin Metavolcanic			addition the unit has no magnetic susceptability. Furthermore, DH shear?. Unit is generally, medium green-grey with				15978	103	104.6	1.6	1694	1.71	8.5			
105-	104.4 104.6	104 6 106.97	Rocks (4) Keewatin Metavolcanic	Chlorite Schist Interflow Metasediments	Pebble Conglomerate	a banded appearance. It is fine grained with a bedded texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and $4 \Omega f 7$	104.6	50	shear	15979	104.6	106	1.4	86		3.5			
	L		Rocks (4)	(Undif.)		pervassive magnetic susceptability.	<u> </u>			15980	106	106.97	0.97	60		3.5			L

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>Sc</u>	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

Ę				L	thology			Struc	ture			Sa	ampling					Survey	/\$
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
-	104.6 106.97	106.97 108.5	Keewatin Metavolcanic Rocks (4) Keewatin Metavolcanic	Interflow Metasediments (Undif.) Interflow Metasediments	Pebble Conglomerate Mudstone, Wacke	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a beddet texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and	106.97	50	contact	15980 15981	106 106.97	106.97 108.5	0.97	60 19		3.5 2.5			
110-	108.5 108.88	108.88 110.78	Rocks (4) Keewatin Metavolcanic Rocks (4) Keewatin	(Undif.) <u>Mafic Dyke (undif.)</u> Interflow Metasediments	Mudstone, Wacke	bervassive magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a bedded texture. It has a strong land pervasive Ca-carbonate alteration. In	108.5 108.88	40 40	contact contact	15982	108 5	110	1.5	10		2.5			
-	110.78	112.47	Metavolcanic Rocks (4) Keewatin Metavolcanic Rocks (4)	(Undif.) Mafic Dyke (undif.)		addition the unit has moderate and bervassive magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture.	110.78		contact	15983	110	111.5	1.5	8		1.5			
-	112.47	114.14	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic susceptability.	112.47	30	contact	15984 15985	111.5 112.85	112.85	1.35	26 98		1.5 1.5			
115-						Unit is generally, medium green-grey with a uniform appearance. It is fine graned with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and	. 114.14	40	contact	15986	114.14	115.5	1.36	33		1.5			
-						bervassive magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate				15987	115.5	117	1.5	29		1.5			
-						alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with a uniform appearance. It is fine grained				15988	117	118.46	1.46	21		1.5			
120-			Keewatin			with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and bervassive meanetic susceptability. Unit is generally, medium green-grey with				15989	118.46	120	1.54	14		0.01	119.57	-40.3	150.8
-	114.14	128.5	Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	a uniform appearance. It is fine grained with a massive lexture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				15991	121.5	123	1.5	36		0.01			
-						Furthermore, mafic flows, locally sphericules.				15992	123	124.5	1.5	40		1.5			
125-		F								15993	124.5	126	1.5	22		0.01			
-										15994	126	127.5	1.5	157		1.5			
-							128.5	50	contact	15995 15996	127.5	128.5	1	151		1.5 0.5			
180	128.5	140.66	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, very pale grey with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a weak and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				15997	130	131.5	1.5	83		0.5			
-						5 of 7				15998	131.5	133	1.5	41		0.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	nes, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>Sc</u>	caled Diamond	<u>Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

득	_			L	ithology			Struc	ture			S	ampling					Survey	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample	From	То	Width	FA-Geo		Py%	Depth	Dip	A
-	128.5	140.66	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, very pale grey with a spotted appearance. It is fine to medium grained with a porphynitic texture. It has a weak and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.		tca		No 15998 15999	131.5 133	133 134 5	1.5 1.5	(ppb) 41 98	(gr)	0.5 0.5			
-										16001 16002	134 5	136	1.5 1.5	101 52		0.5			
										16003	137.5	139	1.5	28		0.5			
							140.66	50	contact	16004	139	140.66	1.66	71		0.5		ſ	
							140.00		contact	16005	140.66	142	1.34	36		2.5			
										16006	142	143.5	1.5	26		2.5 1.5			
- 15 — -										16008	145	145	1.5	107		1.5			
-										16009	146.5	148	1.5	84		1.5			
-	140.66	157.89	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a spherulitic texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and				16010	148	149.5	1.5	76		1.5			
50 — - -						pervassive magnetic susceptability. Furthermore, locally sphericules.				16011	149.5	151	1.5	69		1.5			
										16012 16013	151	152.5	1.5	76 84		1.5			
- - 55										16014	154	155.5	1.5	65		1.5			
						Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a				16015	155.5	157	1.5	46		0.01			
-			Keewatin			grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic 6 of 7	Y			16016	157	158.5	1.5	34		0.01			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mir	nes, Limited		Drill Hole:	OK04-46
Hole Commenced:	17-Mar-04	<u>Sc</u>	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	19-Mar-04		<u>OKA Proje</u>	<u>ct</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	181
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525475.7	Northing (NAD27):	5312038.3	Elevation:	358
DH Survey:	Single Shot Flexit	Grid Easting:	1100	Grid Northing:	749.7	Casing:	casing in hole

th				L	ithology			Struc	ture	I		Sa	ampling				Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	Py%	Depth	Dip	Az
	157.89	164.35	Keewatin Metavolcanic <u>Rocks (4)</u>	Mafic Metavolcanic	Flow	Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.				16017 16018	158 5 160	160 161.5	1.5 1.5	14 18	 0.01			
-						Busceptability.				16019	161.5	163	1.5	10	0.01			
-										16020	163	164.34	1.34	19	0.01			
165-										16021	164.34	166	1.66	28	1.5			
-										16022	166	167.5	1.5	9	1.5			
-										16023	167.5	169	1.5	9	1.5			
170-										16024	169	170.5	1.5	67	1.5			
-			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a spherulitic texture. It has a				16025	170.5	172	1.5	5	1.5			
	164.35	181	Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceotability. Furthermore, locally				16026	172	173.5	1.5	15	1.5			
175-						sphericules.				16027	173.5	175	1.5	17	1.5			
-		-								16028	175	176.5	1.5	10	1.5	175.57	-39.3	145.2
-										16029	176.5	178	1.5	17	1.5			
-										16030	178	179.5	1.5	15	2.5			
180	181	181				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.				16031	179.5	181	1.5	21	2.5			
185-				<u>L</u>		7 of 7			: 									

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	caled Diamono	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		OKA Proj	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

ţ.				Li	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo	FA-Grv	⊃y%	Depth	Dip	Az
5	0	8	Overburden/Lost Core (2)	Overburden															
10	8	13.61	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	Unit is generally, pale grey with a blotchy appearance. It is aphanitic with a breclated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, cherty breccia, blocky and broken sections.	13.61		contact	16032 16033 16034 16035 16036	8 9.5 11 12.5 13.61	9.5 11 12.5 13.61 15.5	1.5 1.5 1.5 1.11 1.89	48 201 134 33 24		2.5 2.5 2.5 2.5 0.01			
	13.61	23.44	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		Unit is generally, dark green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, gabbroic texture.				16037 16038 16039	15.5 17 19	17 19 20.5	1.5 2 1.5	15 52 60		0.01 0.01 0.01			
	23.44	42.25	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Conglomerate	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a clasit cexture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability) of 7	23.44	50	contact	16040 16041 16042 16043 16044	20.5 22 23.44 24.96 26	22 23.44 24.96 26 27 5	1.5 1.44 1.52 1.04 1.5	22 22 129 162 138		0.01 0.01 1.5 2.5 2.5			



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Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	nes, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	<u>caled Diamond</u>	<u>Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proje</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

÷				L	thology		Γ	Struc	ture			S	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	23.44	42 25	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments Undif.)	Conglomerate	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.		ica_		16044 16045	26 27.5	27.5 29	1.5 1.5	138 62		2.5		* *	
30										16046	29	30.5	1.5	50		2.5			
-										16047	30.5	32	1.5	36		2.5			
1										16048	32	33.5	1.5	41		2.5			
35										16049	33.5	35	1.5	83		2.5	34.57	-42.76	131.7
										16051	35	36.53	1.53	40		2.5			
										16052	36.53	38	1.47	46		2.5			
1 1										16053	38	39.5	1.5	26		25			
40										16054	39.5	41	1.5	76		2.5			
						Unit is generally, medium green-grey with	42.25	50	contact	16055	41	42.25	1.25	38		2.5			
111	42.25	45.54	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no				16056	42.25	44	1.75	28		0.01			
45						magnetic susceptability. Furthermore. gabbroic texture.	45.54	50	contact	16057	44	45.54	1.54	52		0.01			
-							46.95 47.05	50 50	bedding bedding	16058	45.54	47	1.46	124		2.5			
			Keewatin	Interflow		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In	47.85 49.17	45 50	bedding	16059	47	48.5	1.5	79 41		2.5			
so —	45.54	57.47	Metavolcanic Rocks (4)	Metasediments (Undif.)	Mudstone, Wacke	addition the unit has moderate and pervassive magnetic susceptability. Furthermore, appears to be mixed muds, silts and sands.	49.73	45	bedding	16060	48.5	50	1.5	24		1.5			
										16061	50	51.5	1.5						
-						2 of 7				16062 16063	51.5 53	53 54.5	1.5 1.5	29 26		1.5 1.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proj</u> e	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

Г. Е					Lithology	· · · · · · · · · · · · · · · · · · ·	I	Struc	ture			Sa	ampling				[Survey	/S
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
	45.54	57 47	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	<u>Mudstone. Wacke</u>	Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive nagnetic susceptability. Furthermore, appears to be mixed muds, stilts and sands.				16063 16064	53 54.5	54.5	1.5	26 545		1.5 2.5			
										16065	56	57 74	1.74	50		15	57.57	-42.2	132.5
										16066	57 74	59	1.26	48		1.5			
60										16067	59	60.5	1.5	24		1.5			
										16068	60.5	62	1.5	28		1.5			
		1								16069	62	63.5	1.5	14		1.5			
65										16070	63.5	65	1.5	14		1.5			
					1					16071	65	66.5	1.5	15		1.5			
	57.47	79.25	Keewatin Metavolcanic	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In				16072	66.5	68	1.5	22		1.5			
			Rocks (4)			addition the unit has moderate and spotty magnetic susceptability.				16073	68	69.5	1.5	48		1.5			
-										16074	69.5	71	1.5	14		1.5			
										16075 16076	71	72.5	1.5	19		1.5			
										16076	72.5	74	1.5	17		1.5			
75 — -					-					16078	75.5	75.5	1.5	5		1.5			
										16079	77	78	1.5	7		1.5			
	79.25	80 19	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		Unit is generally, medium green-grey with a inboned appearance. It is fine grained with a sheared texture. It has a moderate but spotty hemathic alteration. In aggingr the unit has no magnetic susceptibility	79.25	60	schistosity	16080 16081	78 79.25	79.25 80 19	1.25	33	1.61	1.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	caled Diamond	Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

: چ				L	ithology		1	Struc	ture			S	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
80	79.25 80.19	80.19 81.77	Keewatin Metavolcanic Rocks (4) Keewatin Metavolcanic	Chlorite Schist Mafic Metavolcanic	-	Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a sheared lexture. It has a moderate but spotty hematic alteration. In addition the unit has no magnetic susceptability.	80.19	60	schistosity	16081 16082	79.25 80.19	80.19 81.77	0.94 1.58	1691 1598	1.61	10.5 9.5			
	81.77	83.53	Rocks (4) Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a foliated texture. It has a moderate but spotty hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore, possibly foliated sediment.				16083	81.77	83.53	1.76	789		8.5			
85-	83.53	85.03	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Vein	Tich in py. Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a foliated texture. it has a moderate				16084	83.53	85.03	1.5	1304	1.41	9			
-	85.03	86.87	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		but spotty hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore, not as strongly foliated as				16085 16086	85.03 86	86 86.8	0.97	788 1004	1.06	8.5 9.5			
-	86.87	87 53	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		bove. Unit is generally, medium red-brown with a blotchy appearance. It is fine grained	86.87	60	schistosity	16087	86.8	87.53	0.73	882		11			
-						with a breciated texture. It has a strong but spotly hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore, hematized				16088	87.53	89	1.47	201		2.5			
90 — -						Carbonate bx vein. Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a foliated texture. It has a moderate but spotty hematitic alteration. In addition				16089	89	90.5	1.5	69		1.5			
-	87.53	97.96	Keewatin Metavolcanic	Mafic Metavolcanic		the unit has no magnetic susceptability. Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a sheared texture. It has a strong				16090 16091	90.5 92	92 93.5	1.5	34 8		1.5			
-			Rocks (4)			and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with a blotchy appearance. It is fine grained				16092	93.5	95	1.5	8		1.5	94.57	-41 93	134.1
95— - -						a biotony appearance. It is the grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, locally sphericules.				16093	95	96.5	1.5	22		1.5			
-	l									16094	96.5	97.96	1.46	5		1.5			
-							97.96	70	contact	16095	97.96	99.5	1.54	10		1.5			
1 0 0										16096	99.5	101	1.5	26		0.5			
-	97.96	126.25	Keewatin Metavolcanic Rocks (4)	Gabbro	Melanogabbro	Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and pervassive				16097	101	102.5	1.5	912		0.5			
-						magnetic susceptability. Furthermore, massive bland nondescript equigranular rock.				16098	102.5	104	1.5	96		0.5			
105-										16099	104	105.5	1.5	29		0.5			
-						4 of 7				16101	105.5	107	1.5	21		0.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19- M ar-04	<u>Sc</u>	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proj</u> e	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

th :				L	ithology			Struc	ture			Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
	97.96	126.25	Keewatin Metavolcanic Rocks (4)	Gabbro	Melanogabbro	Unit is generally, medium grey with a unform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and pervassive magnetic susceptability. Furthermore. massive bland nondescript equigranular rock.		lou		16101 16102	105.5 107	107 108.5	1.5 1.5	21		0.5			
110-										16103 16104	108.5 110	110	1.5 1.5	45		0.5			
										16105	111.5		1.5	151		0.5			
										16106	113	114.5	1.5	17		0.5			
115										16107	114.5	116	1.5	10		0.5	115.57	-41.1	132.2
										16108	116	117 5	1.5	7		0.5			
										16109 16110	117.5 119	119	1.5 1.5	31		0.5			
120-										16111	120.5	120 5	1.5	19		0.5			
										16112	122	123.5	1.5	38		0.5			
-										16113	123.5	125	1.5	8		0.5			
125-							126.25	75	contact	16114	125	126.25	1.25	13		0.5			
-						Unit is generally, very pale tan with a				16115	126.25	128	1.75	15		0.01			
- - 130	126 25	136.47	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, very pale tan with a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration, in addition the unit has no magnetic susceptability. Furthermore, very dry looking fg porphyry.				16116 16117	128 129.47	129.47	1.47 1.53	10 8		0.01			
-						5 of 7				16118 16119	131	132.5 134	1.5	58 15		0.01			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proj</u> e	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

۔ ۔ چ				Lì	thology		1	Struc	ture	1		Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo	FA-Grv (gr)	Py%	Depth	Dip	Az
	126.25	136.47	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, very pale tan with a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore. very drv looking fa porphyry.				16119 16120 16121	132.5 134 134.8	134 134.8 135.47	1.5 0.8 0.67	15 31 17		0.01			
-							136.47	55	contact	16122	135.47	137	1.53	22		0.01			
										16123	137	138.5	1.5	10		0.01			
140-										16124	138.5	140	1.5	8		0.5			
-										16125	140	141.5	1.5	12		0.01			
-	:									16126 16127	141 5	143	1.5	12		0.01	i		
- 145-										16128	144.5	146	1.5	14		0.5			
-			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has initially weak to moderate and spotty to no magnetic susceptability. Furthermore, massive black production of the stream of the stream black production of the stream of the stream black production of the stream of the stream of the stream black production of the stream of the stream of the stream black production of the stream of the stream of the stream black production of the stream o				16129	146	147.5	1.5	225		0.5			
-	136.47	182	Metavolcanic Rocks (4)	Gabbro	Melanogabbro					16130	147 5	149	1.5	71		0.5	148.57	-41	135.2
- 150						becomming lighter with depth.				16131	149	150.5	1.5	21		0.5			
-										16132 16133	150.5 152	152	1.5	14		0.5			
-										16133	152	153.5	1.5	7		0.5			
155 — -										16135	155	156.5	1.5	8		0.5			
-										16136	156.5	158	1.5	10		0.5			
						6 of 7				16137	158	159 5	1.5	9		05			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-47
Hole Commenced:	19-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	21-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270 3004551	Length:	182
Date Logged:	23-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525396.7	Northing (NAD27):	5311986.1	Elevation:	361
DH Survey:	Single Shot Flexit	Grid Easting:	1000	Grid Northing:	740.7	Casing:	casing in hole

÷					Lithology			Struc	ture			s	ampling	I				Surve	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	A
	136.47	182	Keewatin Metavolcanic Rocks (4)	Gabbro	Melanogabbro	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has initially weak to iniderate and spotty to no magnetic susceptability. Furthermore, massive bland nodescript equigranular rock becomming lighter with depth.				16137 16138 16139	158 159 5 161	159.5 161 162.5	1.5 1.5 1.5	9 12 46	- 1977	0.5 0.5 0.5			
-										16140	162.5	164	1.5	43		0.5			
5-										16141	164	165.5	1.5	353		0.5			
-			:							16142	165.5	167	1.5	60		0.5			
										16143	167	168.5	1.5	58		05			
										16144	168.5	170	1.5	404		0.5			
70 - -										16145	170	171.5	1.5	31		0.5			
-										16146	171.5	173	1.5	12		0.5			
										16147	173	174.5	1.5	34		0.5			
- - -										16148	174.5	176	1.5	270		0.5	175.57	-40.59	13
-										16149	176	177.5	1.5	21		0.5			
-										16151	177.5	179	1.5	15		0.5			
- - 										16152	179	180 5	1.5	10		0.5			
	182	182				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site				16153	180.5	181	0.5	8		0.5			
- 85						7 of 7													

Contractor:	Heath & Sherwoo	od <u>Young</u>	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	aled Diamond	<u>Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	551Length:	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	Elevation:	364
DH Survey:	Single Shot Flex	it Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

ŧ				Li	thology			Struc	ture	T T		Sa	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	0	3	Overburden/Lost Core (2)	Overburden															
-										16154	2	3.5	1.5	15		1.5			
 5						Unit is generally, medium green-grey with a				16155	3.5	5	1.5	21		1.5			
1	3	9.07	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	spotted appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				16156	5	6.5	1.5	14		1.5			
						chloritic-sand matrix.				16157	6.5	8	1.5	24		1.5			
										16158	8	9.5	1.5	12		1.5			
0										16159	9.5	11	1.5	143		1.5			
										16160	11	12.5	1.5	222		1.5			
-										16161	12.5	14	1.5	14		1.5			
5										16162	14	15.5	1.5	26		1.5			
-						Unit is generally, medium green-grey with a				16163	15.5	17	1.5	19		1.5			
	9.07	44.08	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Sandstone	uniform appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				16164	17	18.5	1.5	14		1.5			
						massive chloritic sandstone.				16165	18.5	20	1.5	14		1.5			
-										16166	20	21.5	1.5	12		1.5			
-										16167	21.5	23	1.5	19		1.5			
-					, . (1 401)): (101)): (101) 41) 20); (1 400)):					16168	23	24.5	1.5	22		15			
5										16169	24.5	26	1.5	14		1.5			
1						1 of 7	<u> </u>			16170	26	27.5	1.5	18	L	15			

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Contractor:	Heath & Sherwoo	d <u>Young</u>	-Davidson Mi	<u>nes, Limited</u>		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	Sca	aled Diamond	<u>Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	551Length:	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	Easting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	Elevation:	364
DH Survey:	Single Shot Flexit	t Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

Ę				Li	thology			Struc	ture	T		Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 18	FA-Grv	Py%	Depth	Dip	Az
	9 07	44.08	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Sandstone	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a clastic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, massive chloritic sandstone.		.iça		16170	26 27.5	27.5 29	1.5	18 15	- <u>(9</u> 1)	1.5	27	-44.94	
30 -										16172	29	30.5	1.5	28		1.5			
										16173	30.5	32	1.5	21		1.5			
							32.32	10	bedding	16174	32	33.5	1.5	14		15			
										16175	33.5	35	1.5	22		1.5			
35										16176	35	36.5	1.5	15		15			
-							36.68	20	bedding	16177	36.5	38	1.5	15		1.5			
										16178	38	39.5	1.5	14		1.5			
40 -										16179	39.5	41	1.5	22		15			
										16180	41	42.5	1.5	24		1.5			
-										16181	42.5	44	1.5	28		1.5			
45-										16182	44	45.5	1.5	1954	2.16	3.5			
	11.00		Keewatin	Interflow	Dubble Construction	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a clastic texture. It has a strong and				16183	45 5	47	1.5	83		3.5			
	44.08	50.34	Metavolcanic Rocks (4)	Metasediments (Undif.)	Pebble Conglomerate	pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability. Furthermore, chloritic-sand matrix, pebbles aligned @ 50 deg.				16184	47	48.5	1.5	46		2.5			
							49	20	bedding	16185	48.5	50	1.5	57		2.5	50	44.7	
50	50.34	58,65	Keewatin Metavolcanic Rocks	Interflow	Sandstone	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a clastic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition	50.34	30	shear	16186	50	51.5	1.5	36		2.5	50	-44.7	
-			(4)	Metasediments (Undif.)		the unit has weak and pervassive magnetic susceptability. Furthermore, massive bilonitic7 sandstone.				16187 16188	51.5 53	53 54.5	1.5 1.5	50 45		2.5 1.5			

Contractor:	Heath & Sherwoo	od <u>Young</u>	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	aled Diamond	Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	551Length:	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	Elevation:	364
DH Survey:	Single Shot Flex	it Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

				Li	thology	· · · · · · · · · · · · · · · · · · ·		Struc	ture				ampling	3				Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	Az
5-	50.34	58.65	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Sandstone	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a clastic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has weak and pervassive magnetic isusceptability. Furthermore, massive chloritic isandstone				16188	53 54.5	54.5 56	1.5	45		5.5			
-										16190	56	57.5	1.5	19		5.5			
-							58.65 58.66	10 10	shear shear	16191	57.5	58.65	1.15	120	1	5.5			
										16192	58.65	60.5	1.85	1663	1.58	5.5			
1										16193	60.5	62	1.5	284		6.5			
-										16194	62	63.5	1.5	1809	1.92	6.5			
-										16195	63.5	65	1.5	373		5.5			
5			Keewatin	Interflow		Unit is generally, pale green with a ribboned appearance. It is fine grained with a foliated texture. It has a strong but spotty ccl				16196	65	66.5	1.5	1920	2.09	6.5			
-	58.65	74.53	Metavolcanic Rocks (4)	Metasediments (Undif.)	W, C, SS	alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, moderate to strong foliation rich in carb and chlorite.	67.52 67.89	50 50	schistosity	16197	66 5	68	1.5	370		6.5			
-							68.68	50	schistosity	16198	68	69.5	1.5	96		6.5			
0										16199	69.5	71	1.5	103		6.5			
-										16201	71	72.5	1.5	69		2.5			ł
·							73.08	50	schistosity	16202	72.5	74	1.5	359		3.5			
5							74.53	50	schistosity	16203	74	75.5	1.5	151		2.5			
-	74 50	05.45	Keewatin Mataplagais Backs	Interflow		Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a foliated texture. It has a strong and				16204	75.5	77	1.5	124		45			
	74.53	85 45	Metavolcanic Rocks (4)	Metasediments (Undif.)	w	pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore weakly foliated and less altered than above.	70.0			16205	77	78.5	1.5	28		3.5			
			L			3 of 7	78.6	40	schistosity	16206	78.5	80	1.5	45		2.5			L

Contractor:	Heath & Sherwoo	od <u>Young</u>	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	aled Diamond	<u>Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	4551Length:	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	9 Elevation:	364
DH Survey:	Single Shot Flexi	it Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

Ę				Li	thology			Struc	ture			Sa	ampling]				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
80	74.53	85.45	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)	w	Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, weakly foliated	81.05	50	schistosity	16206 16207	78.5 80	80 81.53	1.5 1.53	45 120		2.5 3.5			
 						and less altered than above	82.78	50	schistosity	16208	81.53	83	1.47	172		9			
										16209	83	84.5	1.5	77		35			
85							85.45	50	contact	16210	84.5	85.45	0.95	55		9			
										16211	85 45	87	1.55	15		0.5			
	85.46	91.4	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition				16212	87	88.52	1.52	12		0.5			
oe						the unit has moderate and pervassive magnetic susceptability.				16213	88.52	90	1.48	22		0.5			
-							91.4	60	contact	16214	90	91.4	1.4	17		0.5			
							51.4	00	contact	16215	91.4	92	0.6	61		15			
· _	91.4	95.66	Keewatin Metavolcanic Rocks	Interflow	w	Unit is generally, pale green with a blotchy appearance. It is fine grained with a mildly brecciated texture. It has a strong and				16216	92	93	1	41		1.5			
	51.4	55.00	(4)	Metasediments (Undif)		pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				16217	93	94.46	1.46	45		1.5			
95							95.66	70	contact	16218	94.46	95.66	1.2	630		3.5			
										16219	95.66	97	1.34	12		0.5			
-	95 66	100.93	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive lexture. It has a strong and pervasive Ca-carbonate alteration. In addition				16220	97	98.5	1.5	28		0.5			
_			(4)			the unit has moderate and pervassive magnetic susceptability.				16221	98.5	100	1.5	425		1.5			
1000							100.93	50	contact	16222	100	100.93	0.93	150		0.5			
-						Unit is generally, medium green-grey with a				16223	100.93	102.5	1.57	41		25			
 	100 93	122.54	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Carcarbonate alteration. In addition the unit has moderate and pervasive magnetic				16224	102.5	104	1.5	21		1.5			
105						susceptability.				16225	104	105.5	1.5	17		1.5			
		1		l		4 of 7		<u> </u>		16226	105.5	107	1.5	15	l	1.5	L.		

Contractor:	Heath & Sherwood	Young	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	led Diamond	<u>Drill Log</u>	Colla	ar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	551Length:	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	asting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	Elevation:	364
DH Survey:	Single Shot Flexit	Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

Image: Product in the second of the	ŧ			·····	L	ithology			Struc	ture		- Anno	Sa	mpling					Survey	/S
100.3 122.54 Descendance froze Dock Manualization Dock Manualinatintetee manualization Dock Manualinte	g	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample	From	То	Width	FA-Ge	FA-Grv	Py%	Depth	Dip	Az
100 101 <td>- الحام </td> <td>100 93</td> <td>122.54</td> <td>Metavolcanic Rocks</td> <td>Mafic Metavolcanic</td> <td>Flow</td> <td>uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate aiteration. In addition the unit has moderate and pervassive magnetic</td> <td></td> <td></td> <td></td> <td>16226</td> <td>105.5</td> <td>107</td> <td></td> <td></td> <td>_ (91/</td> <td></td> <td>106.57</td> <td>-42.81</td> <td>151.7</td>	- الحا م 	100 93	122.54	Metavolcanic Rocks	Mafic Metavolcanic	Flow	uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate aiteration. In addition the unit has moderate and pervassive magnetic				16226	105.5	107			_ (91/		106.57	-42.81	151.7
 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-										16228	108.5	110	1.5	24		0.5			
115 125 125 125 126 <td>110 · -</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16229</td> <td>110</td> <td>111.5</td> <td>1.5</td> <td>12</td> <td></td> <td>0.5</td> <td></td> <td></td> <td>-</td>	110 · -										16229	110	111.5	1.5	12		0.5			-
115 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 120 1 1 1 1 1 1 1 1 1 1 121 1 1 1 1 1 1 1 1 1 1 1 122 1 1 1 1 1 1 1 1 122 1 1<											16230	111.5	113	1.5	28		0.5			
120 - 122 54 128 24 Grey Porphyry (6) Festspar-Porphyry Festspar-Porphyry For an original straight and solve magnetic three the astrong and persons and solve magnetic three the astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three astrong and persons and solve magnetic three three three three astrong and persons and solve magnetic three three three three three three three astrong and persons and solve magnet three three thr											16231	113	114.5	1.5	19		1.5			
 120 - 100 -	1 1 5 -										16232	114.5	116	1.5	17		0.5			
 120 - 1 120 - 1 122 - 4 123 - 4 124 - 4 124 - 4 125 - 4 124 - 4											16233	116	116.74	0.74	26		0.5			
120 1									1 1		16234	116.74	117.5	0.76	114		11			
120 120 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16235</td> <td>117.5</td> <td>119</td> <td>1.5</td> <td>179</td> <td></td> <td>0.5</td> <td></td> <td></td> <td></td>	-										16235	117.5	119	1.5	179		0.5			
128 158 1	120										16236	119	120.49	1.49	22		05			
125- 122.54 122.54 16239 122.54 124 1.46 31 0.01 125- 122.54 128.24 <td></td> <td>16237</td> <td>120.49</td> <td>122</td> <td>1.51</td> <td>40</td> <td></td> <td>0.5</td> <td></td> <td></td> <td></td>											16237	120.49	122	1.51	40		0.5			
125 128 24 128 24 Grey Porphyry (6) Feldspar Porphyry Feldspar Porphyry Unit is generally, pale grey with a uniform appearance. It is fine to medium grained with a prevasue Ca-caronate alteration in addition the unit has a strong and pervasue Ca-caronate alteration. In addition the unit has no magnetic susceptability. Euthermore, dry bland looking. 16240 124 125.5 1.5 14 0.01 130 128 24 158 21 Keewatin (A) Mafic Metavolcanic Rocks Flow	-							122.54		contact	16238	122	122.54	0.54	43	ļļ	0.5		Į	
125 - 128.24 Grey Porphyry (6) Feldspar Porphyry Feldspar Porphyry appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. 16240 124 125.5 1.4 0.01 126 - 128.24 Grey Porphyry (6) Feldspar Porphyry Feldspar Porphyry Feldspar Porphyry 118 as a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and sporty magnetic. 128 29 16242 127. 128.24	-										16239	122.54	124	1.46	31		0.01			
130 128 24 158 21 Keewatin Metavolcanic Rocks Mafic Metavolcanic Flow Flow Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive lexture. It has a strong and pervasive Carbonace alleration. In addition the unit has weak and spotty magnetic susceptability. 182.9 16241 125.5 127 1.5. 12 0.01 130 128.24 158.21 Keewatin Metavolcanic Rocks Mafic Metavolcanic Flow Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive lexture. It has a strong and pervasive Carbonace alleration. In addition the unit has weak and spotty magnetic susceptability. 16241 129.5 1.26 1.26 0.01 130 158.21 158.21 Mafic Metavolcanic Flow Flow Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive lexture. It has a strong and pervasive Carbonace alleration. In addition the unit has weak and spotty magnetic susceptability. 16242 129.5 1.30 1.5 7 0.5 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128 128	125	122.54	128.24	Grey Porphyry (6)	Feldspar Porphyry		appearance. It is fine to medium grained with a porphyritic texture. It has a strong and				16240	124	125.5	1.5	14		0.01			-
130 128 24 158 21 Keewatin Methaviolcanic Rocks Mafic Metavolcanic Flow Image: Flow with a massive texture. It has a strong and pervasive Carcomore alleration. In addition the unit has weak and sporty magnetic. 128 29 contact 16243 128 24 129 5 1.26 17 1.5 130-130 128 24 158 21 158 21 158 21 158 21 128 24 129 5 1.26 17 1.5 0.5	-						the unit has no magnetic susceptability.				16241	125.5	127	1.5	12		0.01			
130 128.24 158.21 Keewatin Metavolcanic Rocks Mafic Metavolcanic Flow Unit is generally, medium green-grey with a uniform appearance. It's fine grained with a pervasive Ca-carbonale alteration. In addition the unit has weak and spoty magnetic susceptability. 16244 129.5 131 1.5 7 0.5								128.29		contact	16242	127	128.24	1.24	29		0.01			
130 128 24 158.21 Mediavolcanic Rocks (4) Mafic Metavolcanic Flow massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability. 16244 129.5 131 1.5 7 0.5				Kanualia			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a				16243	128.24	129.5	1.26	17		15			1
5 of 7	130	128.24	158.21	Metavolcanic Rocks	Mafic Metavolcanic	Flow	massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic													
				l			5 of 7				16245 16246	131 <u>132.5</u>	132.5 134	1	3		0.5 0.5			

Contractor:	Heath & Sherwood	Young	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	aled Diamond	<u>Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	551 Length :	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525308.8	Northing (NAD27):	5311923.9	Elevation:	364
DH Survey:	Single Shot Flexit	Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
	128.24	158.21	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture I thas a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability.		ica		16246	132.5 134		1.5 1.5	5		05			
-										16248	135.5	137	1.5	3		0.5			
-							137.85	60	vein	16249	137	138.5	1.5	10		0.5			
-							139.78	75	vein	16251	138.5	140	1.5	12		0.5	139.57	-41.56	151.9
140 										16252	140	141.5	1.5	10		0.5			
										16253	141.5	143	1.5	12		05			
-										16254	143	144 5	1.5	10		0.5			
145										16255	144.5	146	1.5	34		0.5			
-										16256	146	147.5	1.5	17		1.5			:
-										16257	147.5	149	1.5	7		15			
- 150										16258	149	150.5	1.5	26		0.5			
										16259	150.5	152	1.5	15		0.5			
-										16260	152	153.5	1.5	21		0.5			
										16261	153.5	155	1.5	12		0.5			
1 5 5 -										16262	155	156.5	1.5	26		0.5			
						Unit is generally, pale grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and	-			16263	156.5	158.21	1.71	44		15			
- - 	158.21	165.06	Keewatin Metavolcanic Rocks (4)	Gabbro	<u> </u>	pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive gaggets susceptability.	158.21	60	contact	16264	158.21	159.5	1.29	187		0.5			

Contractor:	Heath & Sherwoo	od <u>Young</u>	-Davidson Mi	nes, Limited		Drill Hole:	OK04-48
Hole Commenced:	21-Mar-04	<u>Sca</u>	aled Diamond	<u>Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	23-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell, Cario	Claim Number:	3009981 3004	4551 Length :	182
Date Logged:	24-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525308.8	Northing (NAD27):	5311923.	9 Elevation:	364
DH Survey:	Single Shot Flex	it Grid Easting:	900	Grid Northing:	727	Casing:	casing in hole

pth				L	thology]	Struc	cture			Sa	ampling					Surve	/S
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 187	FA-Grv	Py%	Depth	Dip	Az
160	158.21	165.06	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, pale grey with a uniform appearance. It is fine to medium grained with a massive texture. It thas a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability				16264 16265 16266	158.21 159.5 161	159.5 161 162.5	1.29 1.5 1.5	46 71	(9)/	0.5 0.5 0.5			
										16267	162.5	162.5	1.5	117		0.5			
165 -										16268	164	165.56	1.56	7		0.5			
										16269	165.56	167	1.44	7		0.5			
· _										16270	167	168.5	1.5	3		0.5			
- - 170						Unit is generally, medium grey with a uniform				16271	168.5	170	1.5	8		05	169.57	-40.54	150.2
	165.06	178.5	Keewatin Metavolcanic Rocks (4)	Gabbro		appearance. It is fine to medium grained with a massive lexture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has weak and spotty magnetic susceptability. Furthermore, becomes foliated				16272 16273	170 171.5	171.5	1.5	2		0.5			
						with depth.				16274	173	174.5	1.5	14		0.5			
75										16275	174.5	176	1.5	3		0.5			
							178.2	55		16276	176	177.5	1.5	1		0.5			
						Unit is generally, medium green-grey with a	178.5 178.8 179.5	60 40 30	contact schistosity schistosity	16277 16278	177.5 178.5		1	2 3		0.5 1.5			
80 -	178.5	182	Keewatin Metavolcanic Rocks (4)	Chlorite Schist		nbboned appearance. It is fine grained with a sheared texture. It has a strong and pervasive ccl alteration. In addition the unit has no magnetic susceptability.	180.58 181		schistosity schistosity	16279	179.82		1.18	21		1.5			
-	182	182				Furthermore, dnll core stored by the Matachewan Consolidated Mine Number 3 Shaft site				16280	181	182	1	40		2.5			
185 -						7 of 7													

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamond	<u>I Drill Log</u>	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

;; E				Li	hology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Ру%	Depth	Dip	Az
	0	3.5	Overburden/Lost Core (2)	Overburden															
5 	3.5	19.27	Diabase (5)	Undifferentiated		Unit is generally, very dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.													
20-							19.27	20	contact	16281 16282	17.5 19.27	19.27 20.5	1.77	5 182		0 2.5			
-						Unit is generally, medium grey with a motified appearance. It is very fine orained with a cracking texture. It has				16283	20.5	22	1.5	57		2.5			
-	19.27	43.65	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		sprained with a crackide texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, protolith quite probably a cooked up sediment, has crackied texture due to epidote-calcite microfracturing.				16284 16285	22 23.5	23.5 25	1.5	107 138		2.5 2.5			
25-						1 of 7				16286	25	27	2	19		2.5			



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Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26- Ma r-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

ţ).				Li	thology			Struct	ture	I		S	ampling				Surve	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv Py	6 Dept	n Dip	Az
	19.27	43.65	Keewatin Metavolcanic Rocks (4)	Mafiç Metavolçaniç		Unit is generally, medium grey with a mottled appearance. It is very fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, profolith quite probably a cooked up			·	16286 16287	25 27 28.5	27 28.5 30	2	19 10	2 :			
80-						sediment, has crackled texture due to epidote-calcite microfracturing.				16288 16289	28.5	30	1.5	24	2			
-										16290	31.5	33	1.5	14	2.5			
-										16291	33	34.5	1.5	21	2.3			
85										16292	34.5	36	1.5	19	2.5			
-										16293	36	37.5	1.5	34	2.5			
										16294	37.5	39	1.5	41	2.5			
-0-										16295	39	40.5	1.5	243	2.5			
-										16296	40.5	42	1.5	26	2.			
-										16297	42	43.5	1.5	22	2.			
45- -			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive				16298 16299	43.5	45 46.5	1.5	33	2.			
-	43.65	48.25	Metavolcanic Rocks (4)	Mafic Metavolcanic		Fe-carbonate alteration in addition the unit has no magnetic susceptability. Furthermore, proto ith appears to be amphibolitized ss, has a weak gabbroic texture, contacts gradational.				16301	46.5	48	1.5	26	2.			
-						Unit is generally, medium grey with a				16302	48	49.5	1.5	36	2.			
\$0-	48.25	59.61	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				16303	49.5	51	1.5	17	2.			
-						protolith quite probably a cooked up sediment, has crackled texture due to epidote-calcite microfracturing. 2 of 7				16304	51	52.5	1.5	41	2			
							1			16305	52.5	54	1.5	26	2.			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

Ę				L	ithology			Struc	ture			S	ampling				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo FA-Gr (ppb) (gr)	V Py%	Depth	Dip	Az
55	48.25	59.61	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a motiled appearance. It is very fine grained with a crackted texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, protolith quite probably a cooked up sediment, has crackted texture due to epidote-calcite microfracturing.				16305 16306 16307	52.5 54 55.5	54 55.5 57	1.5 1.5 1.5	26 74 31	2 5 2.5 2.5	55.57	-43.5	143.5
-						/Unit is generally, medium green-grey with				16308 16309	57 58.5	58.5 59.61	1.5	21	2.5 2.5			
60	59.61	61.59	Grey Porphyry (6)	Feldspar Porphyry		a uniform appearance. It is very fine grained with a porphyritic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore. aphanitic matrix with 1 mm buff feldspar ophenocrysts.	59.61 61.59	40 60	contact contact	16310	59 61	61.59	1.98	10	o			
-	-									16311 16312	61.59 63	63 64.5	1.41 1.5	31 38	2.5 2.5			
65-										16313	64.5	66	1.5	26	2.5			
-										16314	66	67.5	1.5	86	2.5			
-	-					Unit is generally, medium grey with a mottled appearance. It is very fine				16315 16316	67.5 69	69 70.5	1.5	112	2.5 3.5			
-01-	61.59	81.67	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		grained with a crackled texturé. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, protolith quite probably a cooked up sediment, has crackled texture due to				16317	70.5	70.5	1.5	74	3.5			
-						epidote-calcite microfracturing.				16318	72	73.5	1.5	50	3.5			
5-	-									16324	73.5	75	1.5	26	3.5			
										16319	75	76.5	1.5	17	3.5			
-										16320	76.5	78.3	1.8	69	3.5			
						3 of 7			 	16321	78.3	80	1.7	89	8.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamono	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

ц.				L	ithology			Struc	ture	1		Sa	ampling	1				Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
8 1 1 1 1 1	61.59	81.67	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, protoitift quite probably a cooked up sediment, has crackled texture due to epidote-calcite microfracturing.	81.67	20	contact	16321 16322 16323	78.3 80 81.67	80 81.67 83	1.7 1.67 1.33	(<u>)</u> 89 72 21	(gr)	8.5 10.5 0			
85 85 9 9 85 9 85 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	81.67	100 32	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.													
100	100.32	101.69	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, dark grey with a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, vfg dark matrix with buff feld phenocrysts up to 2 mm. Unit is generally, dark green-grey with a banded appearance. It is aphanitic with a	. 100.32	25	contact	16325 16326	99 100.32	100.32		38 38		0 0			
	101.69	104.47	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	thinly laminated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. (Junit is generally, medium green-grey with	102.25	60	bedding	16327 16328	101.69	103	1.31	232		0.5 0.5			
105-	104.47	106.94	Grey Porphyry (6)	Feldspar Porphyry		/a spotted appearance. It is fine to medium grained with a porphytile texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermadeof 7 coarser version of above por unit.	104.47	60	contact	16329	104.47		1.53	17		0			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	aled Diamono	I Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

th :				L	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	104 47 106.94	106.94 109.06	<u>Grey Porphyry (6)</u> Keewatin Metavolcanic Rocks (4)	Feldspar Porphyry Interfiow Metasediments (Undif.)	Mudstone	Unit is generally, medium green-grey with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, coarser version of above por unit. Unit is generally, medium green-grey with	106.94 109.05	60 20	contact	16330 16331 16332	106 106.94 108	106.94 108 109.05	0.94 1.06 1.05	26 38 89		0 1.5 3.5			
110	109.06	111.45	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive fee-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green-grey with	111 45	75	contact	16333 16334	109.05	110 111.45	0.95 1.45	19 8		0.01			
111	111.45	113 02	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no imagnetic susceptability. Furthermore,	113.02	70	contact	16335 16336	111.45		1.57 0.98	65 33		4.5 2.5			
-						babbroic. Unit is generally, medium green-grey with a mottled appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate				16337	114	115	1	52		2.5			
	113.02	121.14	Grey Porphyry (6)	Feldspar Porphyry		alteration. In addition the unit has no magnetic susceptability. Furthermore, blocky. Unit is generally, pale grey with a spotted appearance. It is fine to medium grained				16338 16339	115	116.5	1.5	31 22		2.5			
-						appearance. It is time to medium grained with a porphyritic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, unit becones py rich at base.	117.5	45	schistosity	16340	118	119.5	1.5	119		4.5		í	
120							121.14	60	contact	16341	119.5	121.14	1.64	996	1.03	6			
-							123.1	60	schistosity	16342 16343	121.14	122.5	1.36	93 100		6			
							124.91	60	schistosity	16344	124	125.5	1.5	181		6			
-	121.14	140.45	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and	127.07	60	schistosity	16345	125.5	127	1.5	1113	1.1	11			
-						pervassive magnetic susceptability. Furthermore, strongly foliated approaching sheared locally strongly hem-carb altered.				16346	127	128.5	1.5	511		9			1
							130.5	60	schistosity	16347 16348	128.5	130 131.5	1.5	310 934		5.5 9			
-						5 of 7				16349	131.5	133	1.5	158		1.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

th :				L	thology			Struc	ture			Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
	121.14	140.45	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	Unit is generally, medium green-grey with a roboned appearance. It is fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, strongly foliated approaching sheared locally strongly hem-carb altered.	133 07	60	schistosity	16349 16351 16352	131.5 133 134.5	133 134.5 136	1.5 1.5 1.5	158 198 100		1.5 3.5 2.5			
-						cheared locally strongly nem-caro altered.	136.4	60	schistosity	16353	136	137.5	1.5	45		2.5			
							138.95	60	schistosity	16354	137 5	139	1.5	270		2.5			
140-										16355	139	140.45	1.45	1949	2.06	6			
-										16356	140.45	142	1.55	74		2.5	•		
-										16357	142	143.5	1.5	60		2.5			
145-										16358	143.5	145	1.5	406		2.5			
-										16359	145	146.5	1.5	456		25			
										16360	146.5	148	1.5	34		2.5			
-	140.45	161.42	Keewatin Metavolcanic	Mafic Metavolcanic		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a massive texture. It has a strong				16361	148	149.5	1.5	509		2.5			
150-			Rocks (4)			and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				16362	149.5	151	1.5	67		2.5			
-										16363	151	152.5	1.5	45		2.5			
-										16364	152.5	154	1.5	52		2.5			
155-										16365	154	155.5	1.5	8		2.5			
-										16366	155.5	157	1.5	136		2.5			
-	1									16367	157	158 5	1.5	86		2.5			
	1					6 of 7	<u> </u>			16368	158.5	160	1.5	346	l	2.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-49
Hole Commenced:	23-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	26-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1223270	Length:	171
Date Logged:	26-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525588.3	Northing (NAD27):	5312143.8	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	790	Casing:	casing in hole

th :				L	ithology	·····		Struc	ture	 		S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
160 — -	140.45	161.42	Keewatin Metavolcanic <u>Rocks (</u> 4)	Mafic Metavoicanic		Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate alteration pervassive magnetic susceptability.		i.a		16368 16369	158.5 160	160 161 46	1.5 1.46	346 160		2.5 2.5			
-	161.42	165.1	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				16370 16371	161.46 163	163 164.5	1.54	1269 1132	1.34	3.5 3.5	163.57	-42.5	145.8
165-										16372	164.5	165.1	0.6	1297	1.37	3.5			
-										16373	165.1	166.5	1.4	564		35			
-	165.1	171	Keewatin Metavolcanic	Mafic Metavolçanic	Pillowed	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a pillowed texture. It has a strong				16374	166.5	168	1.5	19		1.5			
-	100.1		Rocks (4)			and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				16375	168	169.5	1.5	71		1.5			
170-	171	171				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.				16376	169.5	171	1.5	43		1.5			
-																			
175-																-			
-																			
180																			
-	-																		
-																			
185 -						7 of 7													

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamono	l Drill Log	Collá	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270	Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in ho

t: E				L	ithology			Struc	ture			Sa	ampling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
1 2 3 4)	2.6	Overburden/Lost Core (2)	Overburden		Furthermore, Casing rpt'd to 1.50m, no core recovery to 2.6m.													
3										16377	2.6	4	1.4	24		2			
11111111						Unit is generally, medium grey with a mottled appearance. It is coarse grained with a fragmental texture. It has a weak and pervasive Fe-carbonate alteration. In	5.3	26	schistosity	16378	4	5.5	1.5	72		2			
6 HIT	2.6	9.3	Keewatin Metavolcanic Rocks (4)	Tuff	b, ρb	addition the unit has no magnetic susceptability. Furthermore, thick to med. bedded hyalotuff pillow / flow breccia, coarse to fine angular mafic volc. shards & clasts, matrix supported in v.fg. clay alt'd hyalo matrix, no sig. grading, grades /0.1 broken core section into next unit				16379	5.5	7	1.5	81		1			
8										16380	7	8.5	1.5	163		1			
e e e e e e e e e e e e e e e e e e e										16381	8.5	9.3	0.8	96		3			
0	9.3	12.53	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a ribboned appearance. It is fine grained with a massive texture. It has a strong and pervasive fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, mildly brecciated to thermal fractured massive mafter flow, minor vugoy cc thds devid on				16382	9.3	11	1.7	136		1.5			
2 2						matc flow, minor vuggy cc thds devid on fracts thro, wihor vuggy cc thds devid on fracts thro, wk f-mg py devid on fracts in lower section; gen. all BROKEN & <u>BLOCKY; orades into:</u> Unit is generally, medium grey with a mottled appearance. It is coarse grained with a fromental texture. It has a				16383	11	12.53	1.53	218		3			
13-1	12.53	14.69	Keewatin Metavolcanic Rocks (4)	Tuff	ь, рь	with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spotty magnetic susceptability. 1 of 24 Furthermore, similar to 2.60 - 9.30m.	12.6	40	bedding	16384	12.53	14	1.47	36		3			



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Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	caled Diamono	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270	Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th					_ithology			Struc	ture			S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	Το	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	٨z
4 111111	12.53 14.69	14.69	Keewatin Metavolcanic Rocks (4) Overburden/Lost Core (2)		b. ob	Unit is generally, medium grey with a motiled appearance. It is coarse grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spotty magnetic susceptability. Furthermore, similar to 2,60 - 9,30m. In addition the unit has weak spotty magnetic susceptability.				16384 16385	12.53	14	0.69	21		3			
6 6										16386	14.81	16.5	1.69	19		0.1			
17 11 11 1										16387	16.5	18	1.5	21		0.5			
8	14.81	23.48	Keëwalin Metavolcanic Rocks (4)	Tuff	b, pb	Unit is generally, medium grey with a mottled appearance. It is coarse grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spotly magnetic susceptability. Furthermore, similar to 2.60 - 9.30m; wk epid. strs dev'd as flats thro.				16388	18	19.5	1.5	29		0.5			
							20.5	42	bedding	16389	19.5	21	1.5	40		0.5			
10000000000000000000000000000000000000						Unit is generally, medium green-grey with a motified appearance. It is coarse grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate spotty magnetic susceptability. Furthermore, similar to 2.60 - 9.30m, mod to with cr. chi altin perv. thro;				16390	21	22.5	1.5	101		1			
201111						BC shp on 1cm chi schist reaction rim. Unit is generally, medium pink with a ribboned appearance. It is fine grained with a foliated texture. It has a imoderate and pervasive Ca-carbonate				16391	22.5	23.48	0.98	40		1.5			
4 4	23.48	25.14	Keewatin Metavolcanic Rocks (4)	Tuff	ხ, <i>დ</i> ნ	atteration. In addition the unit has no magnetic susceptability. Furthermore, mildly sheared syn, wk irreg gr chi str thds & clots, NSM, BC shp Light is concernity, working or gran gray with				16392	23.48	24.13	0.65	52		1.5			
111111 111111						Unit is generally, medium green-grey with a motited appearance. It is coarse grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the	25.14	60	contact	16393	24.13	25.14	1.01	15		0.75			
6	25.14	25.97	Alkalic Intrusive (7) Keewatin	Syenite		unit has weak prevasive magnetic susceptability. Furthermore, similar to 23.48 - 25.14m; mod to wk gr. chl altn perv decreasing downNle, minor i/c p.grey vfg	25.97	62	contact	16394	25.14		0.83	19		0.1			
	25.97	29.57	Metavolcanic Rocks (4)	Tuff	b, pb	chety bands of poss. intermediate 205 24	1			16395	25.97	27	1.03	29		01			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	i <u>nes, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	caled Diamond	<u> Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270) Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ē				l	_ithology			Struc	ture	1		S	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
huluuluul	25.97	29.57	Keewatin Metavolcanic Rocks (4)	Juff	b, pb	Unit is generally, medium green-grey with a mottled appearance. It is coarse grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak prevasive magnetic susceptability. Furthermore, similar to 23.48 - 25.14m, mod to wk gr. chi alin perv decreasing downhie; minor itc purey trig chety bands of poss. intermediate voic.				16395 16396	25.97 27	27 28.3	1.03	29 41		0.1	27.57	-44.63	
<u>ututututu</u>	29.57	.30.11	Keewalin Metavolcanic Rocks (4)	Tuff	pb	Unit is generally, medium grey with a ribboned appearance. It is medium gained with a hyaloclastic tuff texture. It has a moderate but spotty Ca-carbonate alteration. In addition the unit has moderate prevasive magnetic susceptability. Furthermore, altered hyalotuff ash bed, bindd with cc, py vfg to mg dissem gen. assd with cc strs/binds, dk gey alth poss biotific?.	29.57	50	bedding	16397 16398 16399	28.3 29.57 30.11	29.57 30.11 31.2	1.27 0.54 1.09	34 29 50		1 5 1			
dantadanta							31.65	70	flət	16400 16401	31.2	32.2 33.08	1 0.88	62 53		0.5			
بليبين بينايين			Keewatin			Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate to strong prevasive (to 38.0m) and spotty moderate (balance)				16402	33.08		1.42	239		1			
<u> Inniniulantu</u>	30.11	54.19	Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	magnetic susceptability. Furthermore, med. to thickly bedded chlic med-coarse hyalo bx's (as abo) and vfg, grey massive mafic-interm volc. flows: wk epid and cg spher. / varioles prefly deved in bx's thro; dk grey contact aureal dev'd / last 40cm, BC xcutting as fial at 130dca.	36.5	45	bedding	16403 16404	34.5 35.5	35.5	1	74 89		0.1			
<u> </u>										16405	36.5 38	38	1.5	52		0.1			1
mutuntu						3 of 24				16407	38.98	40.34	1.36	64		0 1			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	aled Diamond	l Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	D Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ę				L	ithology			Struc	lure			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (qr)	Py%	Depth	Dip	Az
	30.11	54.19	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate to strong prevasive (to 38.0m) and spotty moderate (balance) magnetic susceptability. Furthermore. med. to thickly bedded chil'c med-coarse hyato bx's (as abo) and vfg, grey massive mafic-interm. volc. flows: wk epid and cg spher. / varioles prefly deved in bx's thro; dk grey contact aureal dev'd / last 40cm, BC xcutting as flat at 130dca.				16407 16408	38.98 40.34	40.34 41.82	1.36	117		0.1			
42-111111111111111111111111111111111111						spher. / varioles prefly deved in bx's thrò; dk grey contact aureal dev'd / last 40cm, BC xcutting as flat at 130dca.				16409	41.82	43.29	1.47	45		0.1			
44										16410	43.29	44.52	1.23	67		0.5			
										16411	44.52	46.07	1.55	45		0.5			
										16412	46.07	47.08	1.01	29		0.1			
*††111 8										16413	47.08	48.58	1.5	53		3			
50										16414 16415	48.58	49.58	0.98	72		0.5			
										16415	49.58 50.56	51.5	0.96	122		0.5			
52 52										16417	51.5	53	1.5	60		1			
	_					4 of 24				16418	53	54.19	1.19	89		1			l

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	aled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ę				L	thology	········		Struc	ture			Sa	ampling					Survey	'S
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
54 55 55	30.11	54.19	Keewalin Metavolcanic (Rocks (4)	Mafic Metavolçanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate to strong prevasive (to 38.0m) and spotty moderate (balance) magnetic susceptability. Furthermore, med. to thickly bedded chil'c med-coarse hyato bx's (as abo) and vfg, grey massive malic-intern. volc. flows; wk epid and cg spher. / varioles prefly deved in bx's thro; dk grey contact aureal dev/d / last 40cm, BC_xcutting as flat at 130dca.	54.19	50	flat	16418 16419	53 54.19	54 19 55.5	1.19	64		1 0.1	55.57	-44.2	147.9
56 Junt nar Junt 1										16420	55.5	57	1.5	46		0.1			
58 11 59 11	54.19	63.11	Lamprophyre (9)			Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, fresh looking massive wkly chilled lamp minor xcutting cc strs thro, only minor (<1%) bit wkly				16421	57	58.5 60	1.5	38 946		0.1			
60 61 61 61						porph's thro.				16423	60	61.5	1.5	40		0.1			
62 63 63							63.11	50	flat	16424	61.5	63,11	1.61	650		0.1			
	63.11	72 08	Keewatin Metavolcanic Rocks (4)	Tuff	δ , ρ δ	Unit is generally, medium green-grey with a ribboned appearance. It is coarse grained with a fragmental texture It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate to weak spotly magnetic susceptability. Furthermore, coarse angular mafic flow / pillow bx (as before). trace rare epid strs / patches, Fe-carb attin only on frag clasts with matrix clay alt'd only.				16425 16426	63.11	64.83 66.36	1.72	43		0.75			
66				L		5 of 24													

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mii	nes, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamond	<u>Drill Log</u>	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u> e	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	D Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

£			······	Li	thology			Struc	ture	<u> </u>		Sa	ampling					Survey	S
Depth	rom	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (ar)	y%	Depth	Dip	Az
111111111111	3.11	72.08	Keewalin Metavolcanic Rocks (4)	Tuff	b, pb	Unit is generally, medium green-grey with a ribboned appearance. It is coarse grained with a fragmental texture II has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate to weak spotty magnetic susceptability. Furthermore, coarse angular mafic flow / pillow bx (as before), trace rare epid strs / patches, Fe-carb alt'n brity on frag clasts with matrix cday alt'd only.		ica.	<u> </u>	16426 16427	64.83 66.36	66.36 67.5	1.53	163 153		0.75 0.1			
° 1111111111						Irače rare epid strs / patches, Fe-Carb alt'n only on frag clasts with matrix clay alt'd only.				16428	67.5	69	1.5	24		0.1			
111111111111							70.2	45	schistosity	16429	69	70.5	1.5	89		0.1			
22111										16430	70.5	72.08	1.58	46		0.5			
311111111111111111111111111111111111111							73.45	43	schistosity	16431	72.08	73	0.92	306 204		0.1			
						Unit is generally, medium green-grey with a mottled appearance. It is fine grained	10.40		Sunatoarty	16433	74	74	1.5	45		1			
6 6 7	2.08	82.5	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	with a crackled texture. It has a moderate but spotty Fe-carbonale alteration. In addition the unit has weak spotty to no magnetic susceptability. Furthermore, (Similar to above) med. bedded massive mafic flows, well fract & 8 sealed by irreg. qtz-cc thds and also fine epid-qtz thds i/cwith chi'c med-thick bed coarse hyalotuff bx in part chi spotted & locally magnetic. esp. when str'd by minor py strs/thds; grades into:.				16434	75.5	77	1.5	650		0.5			
										16435	77	78.13	1.13	86		3			
9111 9111						6 of 24				16436	78.13	79.5	1.37	69 550		0.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th				L	.ithology	······		Struc	ture	T		S	ampling					Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angie tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA Grv (gr)	₽y%	Depth	Dip	Az
80-11-11-1 81-11-11-11-1 82-11-1 82-11-1	72.08	82.5	Keewatin Metavolcanic Ro <u>cks (4)</u>	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a crackled texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has weak spotty to no magnetic susceptability. Furthermore, (similar to above) med bedded massive maric flows, well fract'd & sealed by irreg, qtz-cc thds and also line epid-qtz thds i/cwith ch'c med-thick bed coarse hyalotuff bx in part ch! spotted & locally magnetic, esp, when str'd by minor py strs/thds; grades Into:.			1	16437	79.5 81	81	1.5	738		0.1			
83 84 84							82.66	72	bedding	16439	82.5	84	1.5	83		1.5			
85 85						Unit is generally, medium grey with a banded appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alterration. In				16440	84	85.5	1.5	138		0.1			
86 11 11 11 11 11 11 11 11 11 11 11 11 11	82.5	89.52	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, (similar to above) fg med, bedded mafic flows, model'y fractured &sealed with cc thds & <30% i/c chl'c med-thin beds coarse interflow bx.				16441	85.5	87	1.5	138		0.1			
88 1111111111										16442	87	88.5	1.5	28		0.5	87.57	-43.47	144.9
89 11111111										16443	88.5	89.52	1.02	89		0.1		ŀ	
90 91 91	89.52	112.5	Keewatin Metavoicanic Rocks (4)	Tuff	Б, рб	Unit is generally, medium green-grey with a motified appearance. It is fine to medium grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spoly to no magnetic susceptability. Furthermore, coarse angular matic flow bx / pillow, bx (as				16444	89.52		1.48	218		0.1			
2 II 11						before), trace rare epid strs / patches, matrix clay alt/d, local med qtz /qtz-epid / qtz-chl spolting; grades into. 7 of 24				16445	91 92.5	92.5	1.5	217		0.1			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	caled Diamono	l Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	D Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ę.					Lithology			Struc	ture			S	ampling	1				Survey	/5
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	A
and	89.52	112.5	Keewatin Metavolcanic Rocks (4)	Tuff	Ъ, ръ	Unit is generally, medium green-grey with a motiled appearance. It is fine to medium grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spoty to no magnetic susceptability. Furthermore, coarse angular mafic flow bx/ pillow bx (as before), trace rare epid strs / patches. matrix clay alt/d, local med qtz /qtz-epid / qtz-chl spotling; grades into:.				16446 16447	92.5 94	94 95.5	1.5	81		0.5			
denteral enteredentation dentation denteral anderedenteral anderedenteral a										16448	95.5	97	1.5	165		0.1			
										16449	97	98.5	1.5	120		0.5			
										16451	98.5	100	1.5	91		0.1			
										16452	100	101.5	1.5	122		0.5			
										16453	101.5	103	1.5	126		0.1			
utututu										16454	103	104.5	1.5	215		0.1			
untur										16455	104.5	106	1.5	150		0.75			
-						8 of 24				16456	106	107.5		122					

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamono	I Drill Log	Col	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270) Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

oth				l	thology	· · · · · · · · · · · · · · · · · · ·		Struc	ture			Sa	ampling					Survey	s
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
107-	89.52	112.5	Keewatin Metavolcanic Rocks (4)	Tuff	b, pb	Unit is generally, medium green-grey with a motiled appearance. It is fine to medium grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spoty to no magnetic susceptability. Furthermore, coarse angular mafic flow bx / pillow bx (as before), trace rare epid strs / patches, matrix clay alt/d, local med qtz / taz-epid / qtz-chl spotting; grades into:				16456 16457	106	107.5	1.5	122		0.1			
109										16458	109	110.5	1.5	91		0.5			
111-							110.8	55	cleavage	16459	110.5	112	1.5	62		1			
113-								-		16460	112	113.5	1.5	83		0.5			ľ
1 4										16461	113.5	115	1.5	38		1			
115	112.5	118.75	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a blotchy appearance. It is fine grained with a mildly brecciated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thick mafic volc. flow, thermal fracd & sealed by cc-seric thds localy pyritic; BC shp on 0.5cm reaction rim.				16462	115	116.5	1.5	96		0.5			
117-						Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a				16463	116.5	118	1.5	53		0.5			
						moderate and pervasive Fe-carbonate afteration. In addition the unit has begins as weak pervassive magnetic response and becomes (below 144 0m) weak spotty magnetic susceptability, Euchermore, and bit brack pervent	118.75	25	contact	16464	118	118.75	0.75	21		2			
119-	118.75	146.36	Diabase (5)			Furthermore, unit bit blocky, shows fg chilled margins / 5m with f-mg core 986f 24 sho at 20dca and rotated about 30deg.				16465	118.75	120	1.25	17		0.1			

Contractor:	Heath & Sherwood	Youn	ng-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	S	caled Diamono	l Drill Log	Col	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th :				Li	thology			Struc	ture	1		S	ampling					Survey	s
Dep	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample	From	To	Width	FA-Geo	FA-Grv	Py%	Deptin	Dip	Az
120 121 121 121 121 121 121 121 121 121			Major Litho Diabase (5)	Rock Type	Sublithology	Description Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has begins as weak pervassive magnetic response and becomes (betworld.40m) weak spotty magnetic susceptability Furthermore, unit bit blocky, shows (g chilled margins / 5m with f-mg core: BC shp al 20dca and rotated about 30deg.	Depth	Angle tca	Туре	Sample <u>No</u> 16465 16466	From 118.75	1	Width 1.25	FA-Geo (ppb) 17 3	FA-Grv (gr)	Py% 01 0	Dep(h	Dip	Az
182						10 of 24													

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Se	caled Diamono	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

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			L	ithology			Struct	ure			Sa	ampling					Survey	s
From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	A
118.75	146.36	Diabase (5)			Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has begins as weak pervassive magnetic response and becomes (below 144.0m) weak spotty magnetic susceptability. Furthermore, unit bit blocky, shows fg chilled magnis / 5m with frmg core. BC shp at 20dca and rotated about 30deg.		199											
																2		
																		ļ
		a											3					
									16467	144	145.36	1.36	3		0			
					11 of 2	4			16468	145.36	146.36	1	8		0.1			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	<u>aled Diamona</u>	l Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

ţ					ithology			Struc	cture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (qr)	Py%	Depth	Dip	Az
147 148	118.75	146.36	Diabase (5)			Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has begins as weak pervassive magnetic response and becomes (below 144.0m) weak spotty magnetic susceptability. Furthermore, unit bit blocky, shows (g chilled margins / 5m with 1-mg core; BC sho at 20dca and rolated about 30deg.	146.36	20	contact	16469 16470		146.36 147.36 148.5	1 1 1.14	8 12 8		0.1 0.1 0.1			
149 150 151 151 151 151 151 151 151 151 151	146.36	153.53	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a uniform appearance. It is fine grained with a mildly brecclated texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, relatively massive mafic volc flows wkly fracd & sealed with cthds irreg thro, no sig. min ws seric spotting in uppe part of section.				16471 16472	148.5	150	1.5	40 34		0.1 0.1			
152 153										16473	151.5	153	1.5	17		0.75			
11113						Unit is generally, medium grey with a				16474	153	153.53	0.53	40		0.5			
154 111	153.53	155.35	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	motiled appearance. It is coarse grained with a fragmental texture. If thas a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, angular matrix supported flow the baccia				16475	153.53	154.5	0.97	858		2			
155						weak seric devid in upper part of matrix; minor weak py strs & thdsvin matrix thro: tuffaceous tuff top / 5cm at bottom contact; STRAT TOPS FACE DOWNHOLE.				16476	154.5	155.35	0.85	203		1			
156										16477	155.35	156	0.65	260		0.1			
157 158 158	155.35	164.5	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, mildly fractured & sealed with minor whick thds, irreg thro, grades downhole into:.				16478	156	157.5	1.5	91		0.25			
159						12 of 24													

Contractor:	Heath & Sherwood	<u>Youn</u>	<u>g-Davidson M</u>	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamond	<u>l Drill Log</u>	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th.				Li	thology		1	Struct	ure			Sa	mpling					Survey	s
Depth	From	Τo	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Type	Sample	From	То	Width	FA-Geo	FA-Grv (gr)	Py%	Depth	Dip	Az
Impair function of the provided state of th	From 155-35	164.5	Major Litro Keewalin Metavolcanic Rocks (4)	Mafic Metavolçanic	Subimology	Uescription Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive te-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, mildly fractured & sealed with minor whice thds, irreg thro, grades downhole into:			iype	No	rom	10	VIGIN		(qr)	70	Uepui		<u> </u>
166	- 164.5	178	Keewalin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium grey with a mottled appearance. It is fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thickly bedded, matrix & clast supported matric volc bx, very angular, matrix clas alt'd and in part replaced by irreg cc strs & thds: grades into:.													

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	<u>caled Diamond</u>	I Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

EF :					ithology			Struc	ture	[Sa	ampling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
173 173 174 175	164.5	178	Keewatin Metavolcanic <u>Rocks (4)</u>	Mafic Metavolcanic	Brecçia	Unit is generally, medium grey with a motified appearance. It is fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thickly bedded, matrix & clast supported mafic voic bx, very angular, matrix clay alt'd and in part replaced by irreg cc strs & thds; arades into.													
176 1177 1177 1177 1178 1178 1178										16480	176.5	178	1.5	74		0.1	177.57	-42.4	145.1
111						Unit is generally, medium grey with a blotchy appearance. It is fine grained	}			16481	178	178.87	0.87	193		0.75			
19911111111111111111111111111111111111	178	181	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	with a crackled texture. It has a weak and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, similar to above, alt nof matrix increases to seric-epid and more intense cc flooding; minor ov xouthing thos & strs as	178.87	42	flat	16482	178.87		0.63	829		2.5			
181 III III	181	181.2	Diabase (5)			replacements thio: BC intrusive sho ptb. /Unit is generally, very dark grey with a uniform appearance. It is very fine grained with a massive texture. In addition the unit has weak to moderate pervasive magnetic susceptability. Furthermore, chilled diabase stringer dev'd otb.	181.2	60	contact	16483 16484	179.5	181 181.5	1.5 0.5	28	1	0.25			
						Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly brecciated texture. It has a weak and pervasive Ca-carbonate				16485	181.5	183	1.5	52		0.75			
183	181.2	186.19	Keewatin Metavolcanic Rocks (4)	Matic Metavolcanic	Breccia	atteration. In addition the unit has nomagnetic response becoming on chi-py str's weak spotty magnetic susceptability. Furthermore, weakly fractured & cc str seated massive matic flows, weakly chi-py+/-mag stringer stockworked with dtringers xculting thro and increasing downhole; BC shg & xculting intrusive roted 80deg clockwise to fol/bedding.				16486	183	184 5	1.5	21		3			
185 -						14 of 24				16487	184.5	186.19	1.69	41		6			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Se</u>	caled Diamond	l Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

					Lithology	<u> </u>		Struc	ture			S	ampling					Survey	s
۱ ۴	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	181.2	186.19	Keewatin Metavolcanic Rocks (4)	_Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly brecciated texture. It has a weak and pervasive Ca-carbonate alteration. In addition the unit has	186.19	45	contact	16487	184.5	186.19	1.69	41		6			
	186.19	188	Diabase (5)			nomagnetic response becoming on chi-py str's weak spotty magnetic susceptability. Furthermore, weakly fractured & cc str sealed massive mafic flows, weakly chi-py+f-mag stringer stockworked with ditingers xcutting ihro and increasing downhole, BC shp & xcutting intrusive toted 80deg clockwise to fol/bedding. Unit is generally, very dark grey with a uniform appearance. It is very fine grained with a massive texture. In addition the unit has moderate pervasive	188	20	flət	16488 16489	186.19 188	188 189.5	1.81	28 6		υ			
	188	190.49	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Arkose	magnetic susceptability. Furthermore, imargins glassy childe (0.1cm; 1/2 moon of mg sed from 187.16-187.50; BC xcutting lss flat at 165dca sho. Unit is generally, pale green-grey with a uniform appearance. It is medium to coarse grained with a massive texture.				16490	189.5	190.49	0.99	12		01			
1111111111						It has a weak and pervasive sil alteration. In addition the unit has no magnetic susceptability. Furthermore, v. weak perv. epid thro asso with siln, thick arkose bed with minor hetrolithe. mod. rounded pebbles. BC irreg & parly flamed at 125dca & ford 90deg clockwise.	191 56	35	flat	16491	190.49	191.56	1.07	475		0.2			
uluuluuluulu	190.49	195.1	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Congolmerate, Wacke	Unit is generally, medium green-grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thick to med. beds chi'c pebble congl. <i>Vc</i> with thin wacke beds predom'ly at 191.37-191.56 and 192.14-192.52; bedding wedged &				16492 16493	191.56 192.52		0.96	169		0.1			
1111111111111						rotating but mainly llipped over as flats at avg. 125dca; minor cg WAC thro.				16494	193.9	195.1	1.2	74		0.5			
muntur						Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a thinky laminated				16495	195.1	196.16	1.06	139		3			
	195.1	199.16	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	isture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thin to med. bedded turbiditic mudstones and wackes; bedding at 120dca, "MTold nose (@ 198.54-198.7 with imbs pth, minorpy str thds & clots on xcutting fracs sptb: STAT TOPS FACE DOWNHOLE based on scours & grading: BC shp.				16496	196.16	197.66		208		4			
						15 of 24											198.57	-42 16	

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
lole Commenced:	26-Mar-04	Sc	caled Diamond	l Drill Log	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hol

th				L	ithology	-		Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	195.1	199.16	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a thinty laminated	199.16	40	flət	16497 16498	197.66 199.16		1.5 0.84	91 184		4 6			
200-	199.16	203.33	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w, cp, ss	Iexture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thin to med. bedded turbiditic mudstones and wackes; bedding at 120dca, "M"fold nose @ 198.54-198.7 with limbs ptb. minorpy str thds & clots on xcutting fracs sptb; STAT TOPS FACE DOWNHOLE based on scours & grading; BC shp.	201.1	50	bedding	16499	200	201	1	55		4			
202				(ondit.)		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a bedded texture. It has a moderate and pervasive Fe-carborate alteration. In addition the unit has no magnetic susceptability. Furthermore, med bedded wackes and				28001 28002	201	202.09	1.09 0.64	55		4 2			
203						pebble congl, bedding wedging at 40 & 120dca, STRAT TPOPS FACE UPHOLE at 121.0m on grading in cp; weak py strs & 1thds xcutting thro.	203.33	35	bedding	28003	202.73	203.33	0.6	93		2			
204	203.33	205.38	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a uniform appearance. It is medium to coarse grained with a massive texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has no				28004	203.33	204.83	1.5	34		2.5			
205						magnetic susceptability. Furthermore, thickly bedded, weakly gr. chl'c, graded pebble conl's, mg arkosic matrix, monomictic rounded sedimentary pebbles, STRAT TOPS FACE DOWNHOLE on grading, unit grades into.				28005	204.83	205.43	0.6	71		3.5			
206										28006	205.43	206.93	1.5	127		0.5			
207	205.38	210.63	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a bedded texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				28007	206.93	207 93	1	10		0.25			
209						med, bedded turbiditic mudstones, locally trace fine pebbles, beds rotating, trace cc thds, py thds increasing downhole.				28008	207.93	209.38	1.45	64		0.5			
210										28009	209.38	210.63	1.25	157		1			
211	210.63	212.55	Keewatin Metavolcanic	Interflow Metasediments	Mudstone	Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a bedded texture. It has a weak but spotty Ca-carbonate alteration. In addition the unit has no magnetic				28010	210.63	211.5	0.87	296		0 75			
2 2 -			Rocks (4)	(Undif.)		susceptability. Furthermore, tinty bedded and th.lam bit contorted claystones and minor sittstones, bedding CA's rotatle of 24 thro_grades into			-	28011	211.5	212.55	1.05	310		2			

Contractor:	Heath & Sherwood	Youn	ng-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Se	caled Diamond	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270) Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th.					Lithology			Struc	cture			Sa	ampling					Survey	s
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
213	210.63	212.55	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a bedded texture. It has a weak but souty Caccarbonate alteration	213	40	schistosity	28011	211.5	212 55 213.49	1.05 0.94	310		2			
214	212.55	214.49	Lamprophyre (9)	Undifferentiated		weak but spotty Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, t inly bedded and thi harm bit contorted claystones and minor sillstones, bedding CA's rotating thro, grades into. Unit is generally, dark grey with a ribboned appearance. It is medium gained with a foliated texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic.				28013	213 49	214.49	0.81	158		. 1			
216						susceptability. Furthermore, relatively fresh weakly foliated ptc, chi spotted, 10% dtz-cc strs & tension flats, trace hem bnd dev'd in tast 20cm, BC shp.				28015	215.3	216.3	1	132		2			
217	214.49	220 27	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, pale grey with a ribboned appearance. It is very fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no mag. response becoming downhole weak spotty magnetic susceptability. Furthermore, chlorite cracle threaded thickly lam'd claystone bed, minor weak hem, sit bands, minor py1/mag				28016	216.3	217.8	1.5	144		1	-		
218						thds ass'd with chi, wk qtz-cc cores / lenses within some chi strs; BC shp on alt'n front ptb.				28017 28018	217.8 218.6	218.6 219.1	0.8 0.5	43 69		0.25 2			
220						Unit is generally, pale red-brown with a nbboned appearance. It is fine grained with a foliated texture. It has a weak				28019	219.1	220.27	1.17	33		0.75			1
221	220.27	220.84	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		and pervasive hematitic alteration. In addition the unit has weak spotty magnetic susceptability. Furthermore, weak-mod. sheared & hem -carb (cc & Fe-carb) alt'd lsediment, no orio: textures preserved, 5-6%	220.27	60	contact	28020	220.27	220.84	0.57	65		5			
222	220.84	223.94	Keewatin Metavolcanic Rocks (4)	Undifferentiated	Sandstone	by thds /strs pts thro, BC shp pts. Unit is generally, dark grey-brown with a ribboned appearance. It is fine to medium grained with a thickly laminated texture. It has a moderate but spotty ccl alteration. In addition the unit has weak to strong spotty magnetic susceptability. Furthermore, altered & py stringered				28021	220.84	222.37	1.53	93		30			
223						sediment?, dark green chi-mag halos to 1-3cm SMS py sits dev'd spis thro, minor hem, sed bands dev'd <10cm in lower half of section, grades into.				28022	222.37	223.94	1.57	91		15			1
224	223.94	226.78	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium orange with a mottled appearance. It is fine grained with a bandeel texture. It has a moderate and pervasive hematilic alteration. In addition the unit has no magnetic susceptability. Furthermore, destructive				28023	223.94	225.1	1.16	366		6			1
225						mottled hem-carb alt'n, v.fine cc crackle thds thro, [typical Mat CTZ altn sty悖? 好 24 shp pts.	225.1	57	contact	28024	225.1	226.78	1.68	1331	1.27	0.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Se	caled Diamono	<u>l Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270	Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

ų				Li	lhology		1	Struct	ure			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	1 (47) -	Py%	Dopth	Dip	Az
226 milion	223.94	226.78	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments VUndif.)		Unit is generally, medium orange with a motified appearance. It is fine grained with a banded texture. It has a moderate and pervasive hematilic alteration. In addition the unit has no magnetic susceptability. Furthermore, destructive motified hem-carb alth, v.fine cc crackle thds thro, Itypical Mat v.Tra atin style], BC				28024	225.1	226.78	0.52	1331	1.27	0.5			
228 m						sho pis.				28026	227.3		1	373		1			
29 29 29										28027	228.3	229.7	1.4	425		2			
280										28028	229 7	231.05	1.35	475		1			
232						Unit is generally, medium green-grey with				28029	231.05	232	0.95	186		0.5			
283	226.78	240	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		a motiled appearance. It is fine grained with a banded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spotty magnetic susceptability. Furthermore, destructive chi-carb alt'd seds, occ rare pebble/clast				28030	232	233.25	1.25	224		1			
284						ghosts, minor weak hem-carb banding pts. well fol to weakly sheared. BC pts.				28031	233.25	234 13	0.88	2208	2.19	0.1			
235-111										28032	234.13	235.25	1.12	64		0.1			
236										28033	235.25	236.75	1.5	126		0.5			
237										28034	236.75	238	1.25	1287	1.27	1			
238						18 of 24				28035	238	239 28	1.28	184		0.1			

Contractor:	Heath & Sherwood	<u>Youn</u>	<u>g-Davidson M</u> i	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	aled Diamond	<u> Drill Log</u>	Co	llar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

				L	ithology			Struc	ture			Sa	ampling					Survey	/S
neptu	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
111111	226.78	240	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a banded texture. It has a moderate and pervasive Fe-carbonate alteration. In				28035	238	239.28	1.28	184		01			
nhuutu	240	240.26	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		addition the unit has weak spotty magnetic susceptability. Furthermore, destructive chi-carb alt'd seds, occ rare pebble/clast ighosts, minor weak hem-carb banding pts, well fol to weakly sheared. BC pts.				28036	239.28	240.5	1.22	248		0.5	240.57	-41.6	144.2
بطيبيتينيناي						Unit is generally, medium grey with a ribboned appearance. It is medium gained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate pervassive magnetic susceptability. Furthermore, 10% ccstrs. possible chi atin band devid bts.				28037	240.5	242	1.5	160		0.1			
<u>atan han dan</u>	240 26	245.83	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a motited appearance. It is fine grained with a banded texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has no to moderate spotty magnetic susceptability. Furthermore, xcutting chi / carb altered sed\$? as before, rare relic pebbles, rare py strs, destructive CT2 foiated or weakly				28038	242	243.5	1.5	1221	1.37	0 1			
THITT						sheared, BC vague & partly metted.				28039	243.5	245	1.5	236		1.5			
1111111							245.3	50	schistosity	28040	245	245.83	0.83	60		0.5			
Ξ]				245.83	62	contact								1		
111111111	245.83	248.65	Lamprophyre (9)			Unit is generally, medium green-grey with a uniform appearance. It is medium gained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore,				28041	245.83	247 25	1.42	36		0.1			
						chi-cc alt'd intrusive, trace vfg dissem. biotite, BC wkly foliated / 30cm & on minor wispy cc str. pts.				28042	247.25	248.65	1.4	119		0.1			
							248.65	60	contact										
THILITI			Keewatin			Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a banded texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has weak spotty becoming moderate pervasive magnetic.				28043	248.65	250	1.35	52		0.5			
	248.65	270.36	Metavolcanic Rocks (4)	Mafic Metavolcanic		susceptability. Furthermore, upper section better preserved & shows occ, pillow seivage walls & minor interflow pillow bx; dark green chi. banding and motifed irreg carb stis increasing downhole; locall 1-3m bands of weak shearing a thickly lam'd/ foliated voic deved thro at 40-50dca; BC				28044	250	251.5	1.5	174		0.5			
Ξ						shp and slightly xcutting. 19 of 24	1	-		28045	251.5	253	1.5	50		0.5			1

Contractor:	Heath & Sherwood	Youn	g-Davidson Mir	nes, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		OKA Proje	<u>ct</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270	Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ę				L	ithology	· · · · · · · · · · · · · · · · · · ·	1	Struc	ture			Si	ampling					Survey	s
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
253	248.65	270 36	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a banded lexture. It has a weak but spotty F-carbonate alteration. In addition the unit has weak spotty becoming moderate pervasive inagnetic susceptability. Furthermore, upper section better preserved & shows occ. pillow selvage walts & minor interflow pillow bx; dark green ch. banding and motified irreg carb sits increasing downhole; locall 1-3m bands of weak shearing a thickly lamd/ foliated voic deved thro at 40-50dca, BC shp and slightly xcutting.				28045	251.5 253	253 254 5	1.5	89		0.5			
255							256	49	schistosity	28047	254 5	256	1.5	45		1 1			
257										28048	256	257.5	1.5	77		1.5			
259										28049	257.5	259	1.5	361		1			
260 111 261										28051	259	260.5	1.5	163		1.5			
262										28052	260.5	262	1.5	22		1.5			1
263	Ĩ									28053	262	263.5	1.5	38		2.5			
264										28054	263.5	265	1.5	38		1			
						20 of 24			1	28055	265	266.5	1.5	36		1.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Se	caled Diamono	<u>l Drill Log</u>	Coli	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270) Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th .				L	ithology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
266 111111112	248.65	270.36	Keewatin Metavolcanic Rocks (1)	Mafic Metavolcanic		Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a banded texture. It has a weak but sporty Fe-carbonate alteration. In addition the unit has weak spotty becoming moderate pervasive magnetic susceptability. Furthermore, upper section better preserved & shows occ. pillow selvage walls & minor interflow pillow bx; dark green chl. banding and motited irreg carb strs increasing downhole, locall 1-3m bands of weak shearing a thickly lam'd/ foliated vote deved thro at 40-50dca; BC shp and slightly xcutting.				28055	265 266.5	266.5 268	1.5	36		1.5			
269-11										28057	268	269.52	1.52	33		0.1			
20						Unit is generally, pale grey with a uniform appearance. It is fine to medium grained	270 270.36	60 69	schistosity contact	28058	269.52	270.36	0.84	24		0.25			
211	270.36	270.9	Grey Porphyry (6)	Feldspar Porphyry		with a massive texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				28059	270.36	270.9	0.54	14		0	270.57	-41.13	
1	270.9	274.15	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a banded texture. It has a moderate and pervasive ccl alteration. In addition the unit has weak pervasive magnetic susceptability. Furthermore, thickly banded to weakly foliated and very weakly sheared				28060	270.9	272.6	1.7	29		0.1			
273						mafic volc's, minor chi thds dev'd on fracyures, irreg.BC dev'd ob chi str.				28061	272.6	274.15	1.55	29		0.25			
274	274.15	275.52	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, pale green-grey with a banded appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate pervasive to weak spotly magnetic susceptability. Furthermore, medium bedded mudstones, irreg dk green chI-mag thds dev'd on on fractures\as well as minor chI str bands.				28062	274.15	275.52	1.37	24		0.1			
217	275.52	282.81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate but spotty Ca-carbonate alteration. In addition the unit has moderate spotty to no magnetic susceptability. Furthermore, massive malic volc flow(s) thin to med. banded by weak hem. alth bnds dev'd ptf thuo.	276.92	60	schistosity	28063 28064	275.52 276.92	276.92	1.4	129 69		0.25			
						21 of 24				28065	278	279.18	1.18	334		01			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamond	l Drill Log	Co	Collar Azimuth: Collar Dip: 3270 Length: Core Size:	151.5
Hole Completed:	29-Mar-04		OKA Proj	ect			-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

				L	ithology			Struc	ture			Sa	ampling					Survey	/S
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv	⊃y%	Depth	Dip	Az
	275.52	282.81	Kéewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine graned with a massive fexture. It has a moderate but spotty Ca-carbonate alteration. In addition the unit has moderate spotty to no magnetic susceptability. Furthermore, massive mafic voic flow(s) thin to med banded by weak hem, alth bnds dev'd ptf thro.				28065	278 279.18	279.18 280.59	1.18	279		0.1 3			
Internet										28067	280.59	281.75	1.16	17		15			
	-									28068	281.75	282.81	1.06	3		0.1			
										28069	282.81	283.5	0.69	14		0.2			
										28070	283.5	284.5	1	1		0.1			
	282.81	288.32	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	p. b	Unit is generally, medium green with a ribboned appearance. It is fine grained with a breciated texture. It has a moderale and pervasive Fe-carbonale alteration. In addition the unit has no to moderate pervasive magnetic susceptability. Furthermore, massive to mildly fractured extrusive mafic flows i/c with thin to med bands of v. angular matrix				28071	284.5	286	1.5	1		0.1			
						supported bx and rare cherty bands, last Im poss.pillowed?, BB as intrusive xcutting flat.				28072	286	287.32	1.32	5		1			
						Unit is generally, medium grey with a	1			28073	287.32	288.32	1	14		1			
						uniform appearance. It is medium gained with a massive texture. It has a strong and pervasive chloritic alteration. In addition the unit has no magnetic susceptability. Furthermore, weak cg WAC (wh alt spot-cc) thro, 5% dissem biotite, 290.68-291.0 = white cc-att ribbon vein with 10% chl schist strs & no sig, min, at	288.32	30	flat	28074	288.32	289.5	1.18	22		0			
	288 32	291.75	Lamprophyre (9)			130dca sptc, BC weakly fol'd & chi'c / 0.7m and flat at 135dca. Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a pillowed texture. It has a Imoderate but spotty Fe-carbonate				28075	289.5	291	1.5	2		0.1			
			/Keewətin Metavolcanic			alteration. In addition the unit has no to weak spotty magnetic susceptability. Furthermore, midy brecciated and sealed with minor cc-qtz+/-py+/-mag strs sporting 24				28076	291	291.75	0.75	7		0.1			

Contractor:	Heath & Sherwood	Youn	<mark>g-Davidson Mi</mark>	nes, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	<u>Sc</u>	caled Diamond	Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proje</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 1223270	Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	151.5 -45 307.96 BQ

ţ		<u>.</u>		L	ithology		T	Struc	ture			Sa	ampling					Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (ar)	Py%	Depth	Dip	Az
293 294 294	291.75	302.57	Keewatin Metavolcanic Rocks (1)	Mafic Metavolcanic	.p. b	Unit is generally, medium green-grey with a ribboned appearance. It is fine grained with a pillowed texture. It has a moderate but spotty Fe-carbonate alteration. In addition the unit has no to weak spotty magnetic susceptability. Furthermore, midly breciated and sealed with minor cc-qtz+/.py+/-mag strs showing dk. green chl. reaction rims.				28077	291.75 293	293 294.5	1.25	7		0.1			
295 111 296 11 296										28079	294.5	296	1.5	17		0.1			
297										28080	296	297.5	1.5	29		0.25			
298 111111111111111111111111111111111111										28081	297.5	299	1.5	15		01			
300										28082	299	300.5	1.5	19		0			-
301										28083	300.5	301.55	1.05	38		2			
302			Keewatin			Unit is generally, medium red-brown with a ribboned appearance. It is fine grained with a banded texture. It has a moderate and pervasive hematilic atteration. In	302.57	35	contact	28084	301.55	302.57	1.02	38		0.1			
303	302.57	303.28	Neewatin Metavolcanic Rocks (4)			addition the unit has strong to weak spotty magnetic susceptability. Furthermore, weakly pyrite stringred magnetic hem.balteration band.	303.28	50	flat	28085	302.57	303.28	0.71	1020	1.1	6	303.57	-40.75	143.5
304 m	303.28	305.4	Lamprophyre (9)			Unit is generally, medium grey with a uniform appearance. It is medium gained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic				28086	303.28	304.3	1.02	26		0,1		10.10	
305						susceptability. Furthermore, BC chilled & fol'd ptc over last 10cm. 23 of 24				28087	304.3	305.4	1.1	15		0			

Contractor:	Heath & Sherwood	<u>Youn</u>	<u>g-Davidson M</u>	ines, Limited		Drill Hole:	OK04-50
Hole Commenced:	26-Mar-04	Sc	caled Diamono	l Drill Log	Col	lar Azimuth:	151.5
Hole Completed:	29-Mar-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1199664 122327	0 Length:	307.96
Date Logged:	30-Mar-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

th:				L	ithology			Struc	ture			Sa	ampling					Survey	s
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
306	303.28 305.4	305.4 307.96	Lamprophyre (9) Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a uniform appearance. It is medium gained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, BC chilled & fold of cover last 10cm. Unit is generally, medium green-grey with a uniform annearance. It is fine praged	305.4 306.3	40	flat cleavage	28087 28088	304.3 305.4	305.4 306.5	1.1	15 21		0 0.25			
307 1111 308 308 308 308	307.96	307.96				Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a mildy brecciated texture. It has a weak but spotty Ca-carbonate alteration in addition the unit has no to weak spotty magnetic susceptability. Furthermore, typical mafic volc., weak WAC, faint foliation at 60dca, minor chi ait on jts & <u>Vrac's</u> . Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.				28089	306.5	307.96	1.46	24		0 25			
309 309 30 30 30 30																			
3 3 3 3 3 3 3 3																			
313 11 11 11 11 11 11 11											,								
314																			
316																	i		
317																			
318						24 of 24													

leath & Sherwood	Youn	<u>q-Davidson Mi</u>	<u>nes, Limited</u>		Drill Hole:	OK04-51
30-Mar-04	Sc	aled Diamond	Drill Log	Coll	ar Azimuth:	151.5
03-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-65
L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?
	30-Mar-04 03-Apr-04 L.D. Burden 04-Apr-04 metres	30-Mar-04Sc03-Apr-04Township:L.D. BurdenTownship:04-Apr-04NTS:metresEasting (NAD 27):	30-Mar-04Scaled Diamond03-Apr-04OKA ProjetL.D. BurdenTownship:04-Apr-04NTS:42P/15metresEasting (NAD 27):525541.3	30-Mar-04Scaled Diamond Drill Log03-Apr-04OKA ProjectL.D. BurdenTownship:Cairo04-Apr-04NTS:42P/15UTM Zone:metresEasting (NAD 27):525541.3Northing (NAD27):	30-Mar-04 Scaled Diamond Drill Log Coll 03-Apr-04 OKA Project Coll L.D. Burden Township: Cairo Claim Number: 1199664 1223270 04-Apr-04 NTS: 42P/15 UTM Zone: 17 metres Easting (NAD 27): 525541.3 Northing (NAD27): 5312232.1	30-Mar-04Scaled Diamond Drill LogCollar Azimuth:03-Apr-04OKA ProjectCollar Dip:L.D. BurdenTownship:CairoClaim Number:04-Apr-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):525541.3Northing (NAD 27):5312232.1

th				Li	thology			Struc	ture	[Sa	ampling				Survey	5
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo F/ (ppb)	A-Grv (gr) Py%	Depth	Dip	Az
	0	1.5	Overburden/Lost Core (2)	Overburden														
-	-									28090	1.5 3.5	3.5 5	2	31 84	1.5			
5-	-		1	1 - -						28092	5	6.5	1.5	72	1.5			
-							8.25	62	vein	28093	6.5	8	1.5	308	1.5			1
0-	-									28094 28095	8 9.5	9.5	1.5	138	1.5 1.5	:		
						Unit is generally, medium green-grey with a mottled appearance. It is very fine	11.7	70	schistosity	28096	11	12.5	1.5	67	1.5			
	1.5	30.86	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow Breccia	grained with a breciated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic				28097	12.5	14	1.5	15	1.5			
5-						susceptability. Furthermore, strongly hydrobrecciated with carb-sericite-epidote breccla matrix, locally clasts are v thinly laminated, elsewhere varolitic.				28098 28099	14 15.5	15.5 17	1.5	21	1.5			
-	-									28134	17	18.5	1.5	17	1.5			
20-	-									28101 28102	18.5 19.4	19.4 21	0.9	17 72	1.5 1.5			
										28103	21	22.44	1.44	101	1.5			
			 	, 	/ /	((BP)				28104	22.44	24	1.56	48	0.5			
25 -						1 of 16	25.26	50	bedding	28105 28106	24 25.5	25.5 27	1.5 1.5	36 406	05			
	•	11 4:		2.28438		095	k	I	1	۱	<u>i</u>	I	1	I	II		LL	·····

Contractor:	Heath & Sherwood	Youn	g-Davidson Mines	s, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	<u>Sc</u>	caled Diamond Dr	ill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Project</u>	•		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

Ę					ithology			Struc	ture			Sa	ampling					Survey	 S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	1.5	30.86	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow Breccia	Unit is generally, medium green-grey with a motified appearance. It is very fine grained with a breciated texture. It has a strong and pervasive Fe-carbonate laiteration. In addition the unit has moderate and spotty magnetic		1		28106 28107	25.5 27	27 28.5	1.5 1.5	406		0.5 0.5			
- 30						Susceptability. Furthermore, strongly hydrobrecciated with carb-sericite-epidote breccia marrix, locally clasts are v thinly aminated, elsewhere varolitic. Unit is generally, medium grey-brown with				28108	28.5	30	1.5	53		0.5			
	30.86	31.77	Grey Porphyry (6)	Feldspar Porphyry		a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the	30.86 31.77	ł	contact contact	28109	30	31.77	1.77	67		0.5			
	31.77	35.17	Keewatin Metavolcanic	Mafic Metavolcanic	Flow Breccia	Unit has no magnetic susceptability. <u>Furthermore</u> , weakly foliated @ 60 deg tca. Unit is generally, medium green-grey with a mottled appearance. It is very fine	32.94	58	bedding	28110	31.77	33.5	1.73	43		0.5			
- 			Rocks (4)			a motified appearance. It's very line grained with a mildly brecciated texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic				28111	33.5	35.17	1.67	150		0.5			
						susceptability. Furthermore, similar to 1.5-30.86 with less hydrofracturing. Unit is generally, dark grey with a spotted appearance. It is very fine grained with a	1			28112	35.17	36.58	1.41	110		0.5			
	35.17	39.82	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability				28113	36.58	38.25	1.67	33		05			
						Furthermore, sericite-chlorite spots 2-3 mm.	39.83	60	contact	28114	38.25	39.82	1.57	52		0.5			
										28115	39.82	41	1.18	8		0			
		1																	
	39.82	67.97	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				28116	41	67.97	26.97	3		0			
-																			
						2 of 16													

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	S	caled Diamono	I Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

Ę			,	Li	thology			Struct	ure			Sa	ampling			<u> </u>	5	Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv Py (gr)	% De	pth	Dip	Az
55	39.82	67 97	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				28116	41	67.97	26.97	3	0				
																57	57 -	-64.7	
70-						Unit is generally, dark grey with a mottled	67.97		contact	28117 28118 28119	67.97 69.5 71	69.5 71 72.5	1.53 1.5 1.5	15 60 28	0.	ō			
75-	67.97	90.06	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, dark grey with a mottled appearance. It is very fine grained with a mottled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has minor moderate and spotty magnetic susceptability. Furthermore, generally very dark matrix mottled with an intense epidote-carbonate alteration, locally appears hydrobrecciated and spotted.				28120 28121 28122 28123	72.5 74 75.5 77	74 75.5 77 78.5	1.5 1.5 1.5	34 64 33 40	1. 1. 1.	5			
	1				<u> </u>	3 of 16				28124	78.5	80	1.5	81	1.	5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Se	aled Diamono	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

		Major Litho Keewalin Metavolcanic Rocks (4)	Rock Type Mafic Metavolcanic	Sublithology	Description Unit is generally, dark grey with a mottled appearance. It is very fine grained with a mottled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has minor moderate and spotty magnetic susceptability. Furthermore, generally very dark matrix mottled with an intense epidote-carbonate alteration, locally appears hydrobrecciated and spotted.	Depth 81.05 81.73 81.89 82.19	Angle tca 40 50 40 45	Type vein vein vein	Sample <u>No</u> 28124 28125 28125 28126	From 78.5 80 81.5	To 80 81.5 83	Width 1.5 1.5 1.5	FA-Geo FA (ppb) 81 143 224	A-GrV Py% (gr) 1.5 1.5 2.5	Depth	Dip	Az
		Metavolcanic	Mafic Metavolcanic		motiled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has minor moderate and spotty magnetic susceptability. Furthermore, generally very dark matrix mottled with an intense epidote-carbonate alteration, locally appears hydrobrecicated	81.73 81.89	40 50 40	vein	28124 28125 28126	80 81.5	81.5	1.5	81 143	1.5			
85					and spotted.				1				}				
						1			28127 28128	83 84.5	84.5 86	1.5	33	1.5			
									28129	86	87.5	1.5	210	1.5			
						88.08 88.67	30 45	schistosity schistosity	28130	87.5	89	1.5	26	2.5			
						90.06	55	contact	28131 28132	89 90.06	90.06 91.5	1.06 1.44	160 10	2.5 0			
	97.81 E	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate atteration. In addition the unit has moderate and pervasive magnetic susceptiability.												
						97.81	45	contact	28133 28135	96.5 97.81	97.81 99.5	1.31	12	0			
100					Unit is generally, dark grey with a mottled appearance. It is very fine grained with a	101.13	20	vein	28136	99.5	101	1.5	58	1.5			
- 97.81 1 	130.77 N	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow Breccia	briciated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability. Furthermore, strongly hydrobrecciated with carb-sericite-epidote breccia matrix, localiy varolitic, elsewhere intense abilitzation.				28137 28138	101 102.5	102.5 104	1.5 1.5	713	1.5			
105					4 of 16				28139 28140	104 105.5	105.5 107	1.5 1.5	38	15			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Se	caled Diamond	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

Ē				l	_ithology			Struc	ture			S	ampling					Survey	/S
neptu	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	97.81	130.77	Keewatin Metavolcanic Rocks (4)	_Mafic Metavolcanic	Flow Breccia	Unit is generally, dark grey with a mottled appearance. It is very fine grained with a breciated texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability. Furthermore,	106 16 107.45 107.81	40 40 30	vein vein vein	28140 28141	105.5 107	107 108.5	1.5	215 60		1.5 1.5			
-						ströngly hydrobrecciated with carb-sericite-epidole breccia matrix, locally varolitic, elsewhere intense atbitization.	108.6	35	vein	28142	108.5	110	1.5	84		2 5		1	
)										28143	110	111.5	1.5	67		1.5			
-										28144	111.5	113	1.5	346		1.5			
-										28145	113	114.5	1.5	347		1.5		1	
_							115.52	30	cłeavage	28146	114.5	116	1.5	236		2.5		1	
-										28147	116	117.55	1.55	60		2.5			
-										28148	117.55	119	1.45	139		2.5			
							120.64 120.81	60 70	vein	28149	119	120.5	1.5	132		2.5		1	
1 1 1							121.37	40	cleavage	28151	120.5	122	1.5	8		2.5			
-										28152	122	123.5	1.5	34		2.5			
- 										28153	123.5	125	1.5			2.5			
1 1										28154	125	126 5	1.5			2.5		1	
1 1						Unit is generally, medium grey with a mottled appearance. It is very fine grained with a breciated texture. It has	128.36	60	cleavage	28155	126.5	128	1.5			2.5			
1						a strong but spotty epidote alteration. In addition the unit has no magnetic susceptability. Furthermore, similar to above with intense epidote and moderate				28156	128	129.5	1.5			2.5			
)- - -	130.77	131 91	Keewatin Meravolcanic	Mafic Metavolcanic	Flow Breccia	albite alteration, Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and	130.77	50	schistosity	28157	129.5 130.77	130.77	1.27			2.5 0.05		•	
_	131.91	165 39	Rocks (4) Diabase (5)	- Undifferentiated		pervasive Fe-carbonate alteration. In addition the unit has moderate and 5 of 16 pervassive magnetic susceptability.	131.91	30	contact	28156		133.5	1.59	1		0.05			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	nes, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Sc	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

ft					Lithology			Struc	ture			S	ampling]				Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tça	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	A
1 1 1 1 1 1 1	131.91	155 39	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and active moderate and pervasive moderate susceptability.				28159	131.91	133.5	1.59		. (30)	0			
5 1 1																			
																			1
- 55							155 39	30	contact	28160 28161	153.5 155.39	155.39	1.89	7		0 0.01			
-	155 39	159.46	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Sandstone	Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				28162	156.6	158	1.4	3		0.01			
-	1					6 of 16				28163	158	159 46	1.46	21		0.01			

Contractor:	Heath & Sherwood	<u>Your</u>	ng-Davidson Min	es, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	<u>S</u>	caled Diamond L	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		OKA Projec	<u>ct</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

th :				l	_ithology		1	Struc	ture			Sa	ampling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	To	Width	FA-Geo	FA-Grv (ar)	Py%	Depth	Dip	Az
160 -	155.39	159.46	Keewalin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Sandstone	Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration in addition the unit has no magnetic		tca		28163 28164	158 159.46	159.46 161	1.46 1.54	(ppb) 21 40		0.01			<u> </u>
	159.46	168.41	Keewatin Metavolcanic	Interflow Metasediments	Mudstone, Wacke	Unit is generally, medium green-grey with a mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate				28165 28166	161 162.5	162.5 164	1.5	52 24		0.5			
- 165 -	159.46	100.41	Rocks (4)	(Undif.)	MUDSIONE, WACKE	alteration. In addition the unit has no magnetic susceptability. Furthermore, more massive in appearance compared to flow bx, crackle matrix much tighter.				28167	164	165	1	19		0.5			
-							166.35	30	vein	28168	165	166.35	1.35	21		1.5			
-							167.65	30	vein	28169 28170	166.35 167.65		1.3 0.76	10 22		2.5 0.01			
-						Unit is generally, medium green-grey with	168.41	30	contact	28171	168.41		1.59	10		0			
170-	168.41	171.9	Lamprophyre (9)	Undifferentiated		a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				28172	170	171.9	1.9	10		0.01			
-							171.9	60	contact	28173	171.9	174	2.1	2		0.01			
- 175-			Keewatin	Interflow		Unit is generally, pale green-grey with a uniform appearance. It is very fine				28174	174	175.5	1.5	12		0.01	175.57	-64.1	
-	171.9	179.86	Metavolcanic Rocks (4)	Metasediments (Undif.)	Mudstone	grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				28175	175.5	177	1.5	7		0.01	175.57	-04.1	
-	-									28176	177	178.5	1.5	2		0.01			
-										28177	178.5	179.86	1.36	2		0.01			
180-						Unit is generally, pale green-grey with a uniform appearance. It is very fine grained with a crackled texture. It has a moderate gred neuropsite Co acthemate				28178	179.86	181.5	1.64	7		0.01			
-	179 86	184 6	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Unit is generally, dark green with a mottled	١			28179	181.5	183	1.5	24		0.01			
-						appearance. It is very fine grained with a breclated texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and pervassive	184.39 184.6	30 30	schistosity schistosity	28180	183	184.6	1.6	172		0.01			
185-	184 6	186.29	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	magnetic susceptability. Furthermore, insitu breccia with strong epidote-capoof 16 alteration matrix	104.0		sensiosity	28181	184.6	186.29	1.69	40		2.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-51
lole Commenced:	30-Mar-04	Sc	caled Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

Ę					_ithology			Struc	ture			Sa	ampling				Survey	s
Depth	From	To	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo FA-G	V Py%	Depth	Dip	Az
	184.6	186.29	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	Unit is generally, dark green with a mottled appearance. It is very fine grained with a breciated texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, finsitu breccia with strong epidote-carb alteration matrix.		. 10a		28181 28182	184.6 186.29	186.29 188.5	1.69 2.21	45	2.5			
 190 -			,							28183	188 5	190	1.5	19	0.5			
						Unit is generally, medium green with a mottled appearance. It is very fine grained with a crackled texture. It has a				28184	190	191.5	1.5	316	1.5 1.5			
	186.29	200 53	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone	granieu wini a clackieu tektore. In filas a strong bu spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, insitu breccia with moderate epidote-carb alteration matrix.				28186	193	194.5	1.5	52	1.5			
1										28187 28188	194.5	196	1.5	43	0.5			
										28189	197.5	197.5	1.5	626	0.5			
200							200.53	50	contact	28190	199	200.53	1.53	131	0.5			
	200.53	204	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, medium grey-brown with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a moderate and pervasive				28191	200.53	202	1.47	175	0			
-						Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	204	60	contact	28192	202	204	2	48	0			
205-										28193	204	206	2	131	0.5			
-			Keewatin	Interflow		Unit is generally, medium green with a mottled appearance. It is very fine grained with a crackled texture. It has a				28194	206	207.5	1.5	36	0.5			
-	204	212.34	Metavolcanic Rocks (4)	Metasediments (Undif.)		Strong but spotly Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, insitu breccia with moderate epidote-carb alteration matrix.	209.17	40	contact	28195	207.5		1.5	55	0.5			
210-							209 62		contact	28196	209	210.5	1.5	107	0.5			
						8 of 16				28197	210.5	212.34	1.84	45	0.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	<u>nes, Limited</u>		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	<u>Sc</u>	aled Diamond	Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

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epth :				L	ithology			Struc	ture			Sa	ampling					Survey	/\$
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (pob)	FA-Grv (ar)	Py%	Depth	Dip	Az
-	204	212.34	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green with a mottled appearance. It is very fine grained with a crackled texture. It has a strong but spotty Fe-carbonate alteration.	212.34	tca 50	contact	28197 28198	210.5 212.34	212.34 213.5	1.84 1.16	45 15		0.5 0.01			
215-						In addition the unit has no magnetic susceptability. Furthermore, insitu breccia with moderate epidote-carb alteration matrix.				28199	213.5	215	1.5	14		0.01			
-	212.34	219.07	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, medium grey-brown with a spotted appearance. It is fine to medium grained with a porphyritic texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				28201 28202	215 216.5	216.5 218	1.5 1.5	46 89		0.01			
-							219.07		contact	28203	218	219.07	1.07	67		0.01			
220-										28204	219.07	221	1.93	57		0.5			
-						Unit is generally, medium green with a mottled appearance. It is very fine grained with a crackled texture. It has				28205	221	222 5	1.5	69		0.5			
-	219.07	226.86	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	ŭ	a strong but spotty Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability. Furthermore, insitu breccia	ł			28206	222.5	224	1.5	69		1.5			
225-						with weak epidote-carb alteration matrix.				28207	224	225.5	1.5	31		1.5			
-						Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate	226 86	20	vein	28208	225.5	226.86	1.36	117		1.5	- - -		
-	226.86	228.44	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		alteration. In addition the unit has moderate and pervassive magnetic susceptability. Unit is generally, medium green-grey with a	228.44	50	schistosity	28209	226.86	228.44	1.58	53		1.5			
280-			Keewatin	Interflow		ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has	229.54 229.88 229.96	50 45 50	schistosity schistosity schistosity	28210 28211	228.44 229.5	229.5 230.5	1.06	89 58		1.5 1.5			
-	228.44	231.96	Metavolcanic Rocks (4)	Metasediments (Undif.)		moderate and spotty magnetic susceptability. /Unit is generally, medium green-grey with	230 32	50 30	schistosity	28212	230.5	231,96	1.46	58		2.5			
-	231 96	232 87	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has	231.96	30	vein	28213	231.96	232.87	0.91	58		1.5			
						moderate and pervassive magnetic susceptability.				28214	232.87	234.5	1.63	93		1.5			
235	232.87	249.22		Interflow Metasediments		Unit is generally, medium green-grey with a motiled appearance. It is very fine grained with a crackled texture. It has a strong but spotty Fe-carbonate alteration.				28215	234.5	236	1.5	136		1.5	235.57	-63.8	143.7
-]		Rocks (4)	(Undif.)		In addition the unit has no magnetic susceptability. Furthermore, insitu breccia with weak epidote-carb alteration matrix.				28216	236	237.5	1.5	31		1.5			
						9 of 16				28217	237 5	239	1.5	101		1.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	<u>nes, Limited</u>		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	<u>Sc</u>	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

ţ					Lithology			Struc	ture		_	Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
240	232 87	249.22	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a motified appearance. It is very fine grained with a crackled texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, insitu breccia with weak epidote-carb alteration matrix.				28217 28218 28219	237.5 239 240.5	239 240.5 242	1.5 1.5 1.5	101 14 38		1.5 1.5 1.5			
1 1										28220	242	243.5	1.5	24		1.5	:		
245-										28221	243.5	245	1.5	19		1.5			
						Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate latteration. In addition the unit has				28222	245	246.5	1.5	14		1.5			
						moderate and spotty magnetic susceptability. Furthermore, locally silicified with 8-10% py.				28223	246.5	248	1.5	15		1.5			
1						Unit is generally, very dark black with a uniform appearance. It is very fine grained with a massive texture. It has a Imoderate and pervasive chloritic	250.3	50	schistosity	28224	248	249.22	1.22	179		1.5			
250	249.22	251.73	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, xline py stringers.	250.5 250.84 251 251.08	45 45 45	schistosity schistosity schistosity	28225 28226	249.22	250.5 251.73	1.28	390 528		7.5 7.5			i
	251.73	252.98	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate	251.73	40	contact	28227	251.73	252.98	1.25	206		9			1
-	252.98	253.91	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		alteration. In addition the unit has no magnetic susceptability. Furthermore, silicified with 10-12% py.	252.98 253 41	40 50	contact contact	28228	252 98	253 91	0.93	538		11			i e
255-	253.91	256.98	Diabase (5)	Undifferentiated		Unit is generally, very dark grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has				28229	253.91	255.5	1.59	29		0			1
-						moderate and pervassive magnetic susceptability.	256.98 257.25 257.39	40 35 35	contact schistosity schistosity	28230	255.5	256.98	1.48	36		0			
-						Unit is generally, medium grey with a	257.58 258.23	40 45	schistosity schistosity	28231	256.98	258.5	1.52	540		2.5			I
260-	256.98	262.15	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		banded appearance. It is very fine grained with a folialed texture. It has a strong but spotty Ca-carbonate alteration. In addition the unit has moderate and	258.94 259.36	55	contact contact	28232	258.5	260	1.5	141		2.5			
-			(1000)3 (4)	(chaily		pervassive magnetic susceptability. Furthermore, locally weakly silicified.	260.2 261.22	40	schistosity schistosity	28233	260	261.5	1.5	487		2.5			
-						Unit is generally, medium green-grey with a biotchy appearance. It is very fine				28234	261.5	263	1.5	330		2.5			
-	262 15	267 83	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic				28235	263	264.5	1.5	64		2.5			
265-			<u> </u>			susceptability. Furthermore, ghost pg3of 16 pebbles.				28236	264.5	266	1.5	55		2.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	<u>nes, Limited</u>		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Se	caled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u> e	ect		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

402 15 287 65	Burveys	Surve			 	ampling	Sa		[ture	Struc			Lithology	L				÷
402.15 267.65 Xeewain heewain backed approximation in generality, medum green regree with a block approximation is to very find a block approximation. It is very find a block approximation. I	Dip Az	Dip	Depth	Py%		Width	To	From		Туре	Angle	Depth			Rock Type	Major Litho	То	From	Depth
210- 207.8 207.7 Kewain Interform					55				28236				a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic		Metasediments	Metavolcanic	267.83	262.15	
2 0 2						1			1				bebbles.						
267.83 280.77 Keewalin Metavolcanic Interflow Metavolcanic																			270-
2 5 287.83 280.77 Keewain Metavolcanic Interflow Metavolcanic Interflow Metavolcanic Interflow Metavolcanic Interflow Metavolcanic 1 has a strong but 'southy Car-cambonate alteration. In addition the mint has no magnetic susceptability. Furthermore, shatteration on irregular foliation/cleavage 273.91 40 cleavage 282.42 273.5 275 1.5 318 3.5 2*0 -				3.5	573	1.5	273 5	272	28241	cleavage	40	273.86	blotchy appearance It is very fine						-
220 277 23 277 55 40 0 Cleavage cleavage 277 55 28243 275 1.5 203 3.5 220 277 23 277 55 40 50 Cleavage cleavage 28244 276 278 1.5 748 3.5 220 277 55 50 50 cleavage cleavage cleavage 28244 276 278 1.5 346 3.5 220 279 73 270 96 45 cleavage cleavage 28246 279 5 280 77 1.2 576 3.5 280 39 45 cleavage cleavage 280 39 28247 280 77 1.2 576 3.5 28245 284 282 5 284 1.5 298 4.5 28245 284 282 5 284 1.5 298 4.5 28245 284 282 5 284 1.5 1.5 172 4.5				3.5	318				1		40		It has a strong but spotty Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, shattered/distructive chloritic matrix		Metasediments	Metavolcanic	280.77	267.83	275
220- 277.51 40 Cleavage 28244 276.5 278 1.5 748 3.5 220- 50 50 cleavage 28245 278 1.5 346 3.5 220- 45 cleavage 28246 279.5 1.5 346 3.5 220- 45 cleavage 28246 279.5 260.77 1.27 576 3.5 280.29 45 cleavage 28247 280.77 282.5 1.73 101 3.5 285- - 28248 282.5 284 1.5 1.5 1.5 1.5 1.5 285- - - - - - 282.47 280.77 1.5 288 4.5 285- 284 1.5 1.				3.5	203	1.5	276.5	275	28243		10	177.19							-
220 1 1 3.5 220 1 1 3.5 280.29 45 1 1 3.5 280.39 45 1 1 1 3.5 280.39 45 1 1 1 3.5 285- 1 1 1 1 1 285- 1 1 1 1 1 285- 1 1 1 1 1 1 285- 1 1 1 1 1 1 1 285- 1				3.5	748	1.5	278	276.5	28244	cleavage	40	277.51							-
280				3.5	346	1.5	279.5	278	28245	cleavage	45	279.73							
				3.5	576	1.27	280.77	279.5	28246	cleavage cleavage	40 45	279.96 280.29							280-
Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a				3.5	101	1.73	282.5	280.77	28247	•	-								1
grained with a massive texture. It has a				4.5	298	1.5	284	282.5	28248										1 1
				4.5	172	1.5	285.5	284	28249				grained with a massive texture. It has a						285
-280.77298.86Keewatin Metavolcanic Rocks (4)Interflow Metasediments (Undif.)Strong and pervasive Ca-carbonate aiteration. In addition the unit has moderate and pervasive magnetic susceptability. Furthermore, weakly28251285.52871.5454.5				4.5	45	1.5	287	285.5	28251				alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, weakly		Metasediments	Metavolcanic	298.86	280.77	1
shattered/disfructive chloritic matrix alteration on irregular foliation/cleavage planes. 28252 287 288.5 1.5 34 4				4	34	1.5	288.5	287	28252				alteration on irregular foliation/cleavage						
28253 288 5 290 1.5 206 3.5 280				3.5	206	1.5	290	288.5	28253										290-
- - 28254 290 291.5 1.5 43 2.5 - 11 of 16 28255 291.5 293. 1.5 110 1.1 2.5					{								11 of 16						-

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Sc	aled Diamona	l Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

ŧ				Li	thology			Struc	ture •			Sa	ampling					Survey	s
Depth	From	Τo	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	280.77	298.86	Keewatin Metavolcanic Rocks (4)	interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, weakly	294.92	70	schistosity	28255 28256	291.5 293	293 294.5	1.5 1.5	822	1.1	2.5 1.5			
295						shattered/distructive chloritic matrix alteration on irregular foliation/cleavage blanes	294.93 295.09 295.1	40 60 30	cteavage schistosity cteavage	28257	294.5	296	1.5	786		7.5			
-							295.28 296.58 296.65 296.9	25 30 60 60	cleavage cleavage schistosity schistosity	28258	296	297.5	1.5	507		4.5			
-							296.91	20	cleavage/	28259	297 5	298.86	1.36	74		1.5			
300										28260	298.86	301.5	2.64	57		0.5			
305						Unit is generally, medium green-grey with				28261	305	306 5	1.5	41		0.5			
310-	298.86	333.81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		a mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic susceptability. Furthermore, hydropreciated with carb-sericite-epidote breccia matrix.													
315-		*								28262	311	312.5	1.5	21		0.5			
-						12 of 16				28263	316.5	318	1.5	122		0.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	<u>g-Davidson M</u> i	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Sc	aled Diamond	Drill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u> e	<u>ect</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

pth :				Li	thology			Struc	cture	[S	ampling		,			Survey	s
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle Ica	Туре	Sample No	From	To	Width	FA-Geo	FA-Grv	Py%	Depth	Dip	Az
320	298 86	333 81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a motiled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, hydrobrecciated with carb-sericite-epidote breccia matrix.							•		(4)				
325										28264	322	323.5	1.5	26		0.5			
330										28265	328.5	330	1.5	50		0.5			
-										28266	332.1	333.81	1.71	65		1.5			
385-										•28267	333.81	335	1.19	21		15			
-						Unit is generally, medium green-grey with a				28268	335	336.5	1.5	107		1.5			
-	333.81	341.06	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic	336.63 337	50 40	schistosity	28269	336.5	338	1.5	385		2.5			
-						susceptability, Unit is generally, medium green-grey with a Iribboned appearance. It is very fine	339.17 339.171 339.23	40 20 30	schistosity cleavage cleavage	28270	338	339.5	1.5	365		35			
340						grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, locally shattered/breciated and strongly	340.47 340.471	30 60	cleavage schistosity	28271	339.5	341.06	1.56	151		2.5			
-	341.06	343.14	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		foliated. Unit is generally, medium green-grey with a ribboned appearance. It is very fine	342.23 342 231	60 30	schistosity cleavage	28272 28273	341.06	342.3 343.14	1.24 0.84	968 1280	1.37	14.5 7.5			
-	343.14	348.1	Keewatin Metavolcanic	Interflow Metasediments		grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spolty magnetic	344.06 344.061	30 60	cleavage	28273		343.14	1.36	101	1.37	7.5 2.5			
L		L	Rocks (4)	(Undif.)		susceptability. Furthermore, locally 3 of 16 shattered/breciated and strongly foliated			Ĺ	28275	344.5	345.75	1.25	377		7.5			

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	<u>Sc</u>	aled Diamond	l Drill Log	Coll	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole

£				L	ithology	·	[Struc	ture			Sa	ampling		-			Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	343.14	348.1	Keewatin Metavotcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotly magnetic susceptability. Furthermore, locally shattered/breclated and strongly foliated.	345.03 345.031 345.1 345.101 345.28 345.7 345.95 346.67	60 30 30 60 50 35 60 60	schistosity cleavage schistosity schistosity schistosity schistosity schistosity	28275 28276 28277	344.5 345.75 346.95	346 95	1.25 1.2 1.15	377 679 258		7.5 2.5 5.5			
350	348.1	354.92	Keewatin Metavolcanic Rocks (4)	interflow Metasediments (Undif.)		Unit is generally, medium grey-brown with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, moderately foliated with chloritic-sericitic-calcite alt, possibly the	346.671 346.87 347.53 347.531 347.64 347.68 349.68 349.68 349.681 351.11	30 30 60 30 60 30 60 30 60	cleavage chistosity cleavage chistosity cleavage chistosity cleavage chistosity	28278 28279 28280	348.1 349.5 351	349.5 351 352.5	1.4 1.5 1.5	427 581 798		7.5 7.5 6			
355-						DH zone at depth.	351.16 352 59 352.64 352.8 352.801 353.52	40 45 45 50 25 45	cleavage schistosity schistosity schistosity cleavage schistosity	28281 28282 28283	352.5 354 354.92	354 354.92 356	1.5 0.92	664 1264 929	1.3	7.5 8.5			
	354.92	358.39	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		Unit is generally, medium tan with a mottled appearance. It is very fine grained with a breciated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, DH Zone at depth.	356.47 356.57 356.68 356.8 357 357.1	35 40 25 35 35 50	schistosity schistosity cleavage cleavage cleavage schistosity	28283	356	358.39	1.08 2.39	1011	1.1	9.5	355 57	-62.7	143.9
360-									•	28285	358.39	360	1.61	603		7.5			
1 1 1										28286	360	361.5	1.5	869		5.5			
111						Unit is generally, medium green-grey with a	362 87 362.93	50 35	schistosity cleavage	28287	361.5	363	1.5	397		5.5 3.5			
365	358.39	371.79	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)		onit is generative, incoming generative with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.	365.76	45	schistosity	28289	364.5	366	1.5	442		3.5			
							366.81	50	schistosity	28290	366	367.5	1.5	74		3.5			
310-										28291 28292	367.5 369	369 370.5	1.5	28 65		2.5			
						14 of 16				28293	370.5	371.79	1.29	722		1.5			

ſ	Contractor:	Heath & Sherwood	<u>Your</u>	ng-Davidson Mi	<u>nes, Limited</u>		Drill Hole:	OK04-51
	Hole Commenced:	30-Mar-04	<u>S</u>	caled Diamond	<u>Drill Log</u>	Colla	ar Azimuth:	151.5
	Hole Completed:	03-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-65
	Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
	Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
	Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
	DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

Ę					_ithology			Struc	cture			S	ampling					Survey	ys
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	
-		371.79	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	/	Unit is generally, medium green-grey with a ribboned appearance. It is very fine grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has imoderate and spotty magnetic susceptability.				28293 28294 28295	370.5 371.79 373.5	371.79 373.5 375	1.29 1.71 1.5	31 41	(gr)	1.5 1.5 1.5			
- 55	-									28296	375	376.5	1.5	29		1.5			
-	-									28297	376.5	378	1.5	817		0.5			
-							378.35 379.09	50 50	contact contact	28298	378	379.5	1.5	160		0.5			
80 -						Light is generally medium arey with a				28299	379.5	381	1.5	88		0.5			
-	- - - 371.79	393.28	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Flow	Unit is generally, medium grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic				28301	381	382.5	1.5	45		0.5			
-						moderate and pervassive magnetic susceptability. Furthermore, bland and massive.				28302 28303	382.5 384	384 385.5	1.5	134 57		1.5 1.5			
-										28304	385.5	387	1.5	311		1.5			
-	-									28305	387	388.5	1.5	50		1.5			
90 -	-									28306	388.5	390	1.5	19		0.5			
	-									28307	390	391.36	1.36	31		1.5			
-										28308	391.36	393.28	1.92	17		0.01			
- 195 - - -	- - - - - - - -	400.62	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green with a uniform appearance. It is medium gained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, green coarse lamp.	394.71	60	schistosity	28309	393.28	395	1.72	9		0			
-	-					15 of 16				1			1		-		1	ł	

Contractor:	Heath & Sherwood	Youn	ng-Davidson Mine	es, Limited		Drill Hole:	OK04-51
Hole Commenced:	30-Mar-04	Se	<u>caled Diamond D</u>	rill Log	Colla	ar Azimuth:	151.5
Hole Completed:	03-Apr-04		<u>OKA Projec</u>	<u>t</u>		Collar Dip:	-65
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199664 1223270	Length:	419
Date Logged:	04-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525541.3	Northing (NAD27):	5312232.1	Elevation:	354
DH Survey:	Single Shot Flexit	Grid Easting:	1250	Grid Northing:	890	Casing:	casing in hole?

Ę				l	_ithology			Struc	ture			S	ampling					Survey	√S
Deptu	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	4
	393.28	400.62	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green with a uniform appearance. It is medium gained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, green coarse lamp.		100											
	400.62	403.73	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine graned with a massive lexture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.	403.73	50	contact										
-						Unit is generally, medium grey-brown with				1								ł	
	403.73	407.97	Lamprophyre (9)	Undifferentiated		a uniform appearance. It is very fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, brown vfg lamp.													
-						Unit is generally, medium green with a uniform appearance. It is fine to medium grained with a massive texture. It has a	407.97	30 50	contact contact										
-	407.97	409 49	Lamprophyre (9)	Undifferentiated		Strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, areen coarse lamp.	409.31 409.45	25 30	contact contact contact										
	409 49	419	Keewalin Metavolcanic Rocks (4)	Mafic Metavolcanic	Gabbro	Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has strong and pervassive magnetic susceptability.													
	419	419				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site													
														1					
1						16 of 16													

	<u></u>	Co	ontractor:	Heath & Sherw	rood	Young-	Davidson M	ines,	Lim	ited			<u></u>		Drill	Hole:		0	K04-5	52
	Hole	Corr	menced:	04-Apr-04		<u>Sca</u>	led Diamono	l Drill	Loc	2			(Collar	Azir	nuth:		3	331.5	I
	Но	le Co	mpleted:	07-Apr-04			<u>OKA Proj</u>	<u>ect</u>						C	Collar	Dip:			-55	
		Lo	gged By:	R.V. Zalnieriur	nas To	wnship:	Cairo	C	Clain	n Numb	er:	1	2488	327	Le	ngth:			321	
		Date	Logged:	14-Apr-04		NTS:	42P/15		ι	JT M Zo	ne:		17	(Core	Size:			BQ	
	M	Meas	urement:	metres	Easting (N	NAD 27):	525921.3	Nor	thing	J (NAD2	27):	53	3121	56.7	Eleva	tion:			353	
		Dł	Survey:	Single Shot Fl	exit Grid	Easting:	1550		Grid	Northi	ng:		645	5	Са	sing:		casin	g in h	iole?
-			U.S		hology		· · · · · · · · · · · · · · · · · · ·	-	Struc		-		¢	ampling	~ ~				Survey	
Depth	From	То	Major Litho	Rock Type	Sublithology	De	escription	Depth			Sample	From	To			FA-Grv (gr)	Py%			Az
,	0	2.11	Overburden/Lost Core (2)	Overburden		Furthermore, Dnilers r core recovery to 2.11														
2								3	50	schistosity	28310 28311	2.11	3	0.89	31 67		1.5 3			
+			Keewatin			massive texture. It h	It is fine grained with a as a moderate and ite alteration In addition				28312	4	5.5	1.5	43		2.5			
2 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2.11	13.81	Metavolcanic Rocks (4)	Mafic Metavolcanic		susceptability. Furthe fractured & qtz-cc stre bedded mafic flows, ui rare akosic sed. bed, ass'd with cc strs; BC intrusive.	sesled med-thickly c flow top breccias and minor diss & thd py devid				28313	5.5	7	1.5	64		3		1	
8-11-											28314	7	8	1	100		1			
9											28315	8	9.5	1.5	62		2			
-					CAIRO	100	1 of 33				28316	9.5	11	1.5	114		3			 L

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamono	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

ŧ				Li	thology			Struc	ture			Sa	mpling]				Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-GeF o (ppb)	A-Grv	Py% I	Depth	Dip	Az
11	211	13.81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture II thas a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spotty magnetic susceptability. Furthermore, massive mildty fractured & (tz-cc str sesled med-thickly bedded matic flows. J/c flow top breccias and rare akosic sed bed: minor diss & thd py dev/d lassd with cc strs; BC bit irreg, xcutting & intrusive.				28316 28317	9.5	11	1.5	95	<u> 1917</u>	3			
13						Unit is generally, dark grey with a uniform				28318	12.5	13.81	1.31	40		0.01			
14	13.81	14.49	Lamprophyre (9)			appearance. It is medium gained with a massive texture II has a weak and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weakly biotitic, weakly chloritic, mod mg WAC (white alt'n spots - cc) devid thro; BC shp ptf.	13.81	90 45	contact contact	28319	13.81	14.49	0.68	19		0			
: - - - -										28320	14.49	16	1.51	96		0.5			
16 17	14.49	19.35	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has weak spotty magnetic susceptability. Furthermore, medium bedded mafic flows & <i>iic</i> flow breccias (as before), weak irreg xcutting cc-qtz-py strs & thds thro.very weakly foliated ptc: BC shp ptf. mafic xenoliths.				28321	16	17.5	1.5	95		0.5			
18						Unit is generally, medium green-grey with a	17.9	50	schistosity	28322	17.5	18.5	1	138		15			
19						uniform appearance. It is medium to coarse grained with a bedded texture. It has a weak but spotty Fe-carbonate alteration In addition the unit has no magnetic susceptability. Furthermore, re'xtalized & carbd'sed, matrix altd green chic with	19.35	32	contact	28323	18.5	19.35	0.85	98		2			
	19.35	21.6	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	minorvchi spotting, recognizable pebb.e clasts. 21 25-21 46 BLOCKY & BROKEN CORE: BCshp ptf. 20f 33				28324	19.35	20.2	0.85	206		0.25			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

Ę				Li	thology			Struc				Sa	ampling]			Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-GeFA- o (ppb) (g	Grv Py%	Depth	Dip	Az
20	19.35	21.6	Keewatin Metavokanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a uniform appearance. It is medium to coarse grained with a bedded texture. It has a weak but spotty Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, re'stalized & carb'd sed, matrix altd green chi'c with minorychi spotting, recognizable pebb,e clasts, 21 25-21 46 BLOCKY & BROKEN /CORE, BCshp ptf	21.6	27	contact	28324	19.35 20.2	20.2	0.85	41	0.01			
22	21.6	23.3	Lamprophyre (9)			Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, BC flipped over as flat at about 145dca followed by 2cm flamed contacted homfel reactio rim.				28326	21.6	22.75		50	0.01			
							23.3	60	flat	28327	22 75	23.5	0.75	19	0.01			
24										28328	23.5	25	1.5	17	0.01			
25	23.3	33 05	Keewatin Metavolcanic Rocks	Interflow	Pebble Conglomerate	Unit is generally, medium green-grey with a banded appearance. It is medium to coarse grained with a bedded texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, med-thickly				28329	25	26.5	1.5	19	0.25			
27	23.3	33.05	(4)	Metasediments (Undif.)	Pebble Conglomerate	bedded chl ² pebble congl, matrix supported, polymitic, well rounded sed, clasts, mod vcg dk green angular chl patches devd in matrix probably as alteration, but, may also represent alt'd mafic volc npup clasts. BC hp but undulating				28330	26.5	28	1.5	139	0.75			
29										28331	28	29.5	1.5	43	1			
- 						3 of 33				28332	29.5	31	1.5	60	0.75			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	r Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres East	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

ц.				Li	thology			Struc				Sa	ampling	3		···· ·· ·	I	Surve	ys
	m	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge 0 (ppb) 60	FA-Grv	Py%	Depth	Dip	Az
23.	3	33.05	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a banded appearance. It is medium to coarse grained with a bedded texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, med-thickly bedded chi'c pebble congl, matrix supported, polymitic well rounded sed, clasts, mod vog dk igreen angular chi patches devid in matrix probabil ya alteration, but, may also represent alt'd mafic volc npup clasts, BC hp but undulating.	30	42	schistosity	28332 28332 28333	29 5	31 32.15	1.5	45		2			
										28334	32.15	33.05	0.9	24		1			
3	05	33 72	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.	33.05	32	contact	28335	33.05	33.2	0.15	12		0.01			
+						Furthermore, mildly bx'd & sealed with white in or ptf_cctthds, BC vague ptf. Unit is generally, medium green-grey with a banded appearance. It is medium to coarse grained with a bedded texture. It has a strong but spotty Fe-carbonate alteration in addition the unit has no magnetic				28336	33.2	35.2	2	139		5			
5	72	36.69	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	susceptability Furthermore med bedded, mildly re-worked monomictlc matic flow breccas consisting of subangular to subrounded cobble to pebble sized mafic volc clasts matrix supported and minor thin to med beds of massive mafic volc (probably imbriccated flat boulders / cobbles); WSMS py strs preferentialy devid in finer breccia beds gen ptb & assid with white carb atth rmming clasts: POSS STRAT TOPS FACE UPHOLE based on grading, unit grades downhole into.	36.15	18	bedding	28337	35.2	36.69	1.49	550		5.5			
7			Keewalin			Unit is generally, medium green-grey with a banded appearance. It is medium to coarse grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration.				28338	36.69	38	1.31	464		3			
- 36.) 	69	40.77	Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	In addition the unit has no magnetic susceptability. Furthermore, thickly bedded angular unsorted mark: flow breccia, matrix supported, matrix prefly dk green chi alt'd and locally hosting rare <0 5cm py str thds dev/d ptf. BC shp.				28339	38	39.5	1.5	98		2.5			
				· · ·		4 of 33				28340	39.5	40.77	1.27	14		0.01			

Contractor:	Heath & Sherwood	<u>Young</u>	Davidson M	ines. Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	Sca	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

				l	_ithology			Struc	ture			Sa	ampling	g				Surve	/s
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
	36.69	40.77	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is medium to coarse grained with a bedded texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, thickly bedded angular unsorted matic flow brecca, matrix supported, matrix prefly dk green chi alt'd and locally hosting rare <0.5cm py str thds dev/d ptf. BC shp.	40.77	37	contact	28340 28341	40.77	40.77	1.27	14		0.01			
4	40.77	44.3	Keewatin Metavokanic Rocks (4)	Mafic Metavolcanic	Mudstone	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, mafc flow, minor white irreg xcutting cc thds hositing ocv. mg py on walls and rare py thds gen devid ptf. unit grades into.				28342	42	43.5	1.5	65		1.5			
						Unit is generally, medium green-grey with a banded appearance. It is medium to coarse				28343	43.5	45	1.5	26		0.25			
114	44.3	46.09	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	grained upbets and in the second to be the second of the second s	46.09	29	contact	28344	45	46.09	1.09	12		0.01			
						Unit is generally, dark grey with a banded appearance. It is fine to medium grained with				28345	46.09	47.5	1.41	5		0.01			
	46.09	56.39	Lamprophyre (9)			a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, minor massive bull 10cm cc vens ptf and occ irreg cc strs, margins mildly chiled, weak f-mg WAC thro, weakly biolitic, gen, massive but locally flow banded: BC shp sptf.				28346	47.5	49	1.5	17		0			
						5 of 33				28347	49	50.5	1.5	8		0.01			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

튼				Li	ithology		T	Struc	ture	T		Sa	ampling					Survey	/s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
50	46.09	56.39	Lamprophyre (9)			Unit is generally, dark grey with a banded appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, minor massive buil 10cm cc veins pff and occ irreg cc strs. margins mildly ichilled, weak I-mg WAC thro, weakly biotitic, gen massive but locally flow banded: BC shp sptf.				28347	49 50.5	50.5 52	1.5	22		0.01			
52							52	50	flat)								
53 -										28349	52	53.5	1.5	12		1			
54										28351	53.5	55	1.5	3		0.01			
55							56.00		contact	28352	55	56.39	1.39	28		0.01			
57 —						Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a fragmental texture. It has a moderate and pervasive Fe-carbonate alteration. In addition	56.39	22		28353	56.39	57.5	1.11	15		0.25			
58	56.39	68.42	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	the unit has no magnetic susceptability Furthermore, mod. chlontic, tick to thinly bedded matic flow breccias and <i>u</i> 'c midly fractured massive flows, mod white-cream cc thds & strs thro locally mineralized with weak diss, py; minor weak hem, all'n band at 67, 79-68.06; unit grades into next unit on flat alteration front.				28354	57.5	59	1.5	14		1			
						6 of 33				28355	59	60.5	1.5	26	 	0.01			

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv (gr)	Py%	Depth	Dip	Az
60 61 61 62	56.39	68.42	Keewatin Metavolcanic Rocks (4)	Máfic Metávolcanic	Breccia	Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a fragmental fexture. If thas a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, mod chiontic, tick to thirtly bedded mafic flow breccias and <i>ic</i> mildly ifractured massive flows, mod white-crean cc thds & sits thro locally mineralized with weak diss, py minor weak hem alth band at [57,79-68,06, unit grades into next unit on flat alteration front.	60.3	40	schistosity	28355	59 60.5	60.5 62	1.5	19		0 01			
63										28357	62	63.5	1.5	9		0.01			
64										28358	63.5	65	1.5	17		0.01			
65 66 66										28359	65	66.5	1.5	41		0.5			
67										28360	66.5	67.6	1.1	139		0.75			
68						Unit is generally, medium red-brown with a mottled appearance. It is very fine grained with a vein breccia texture. It has a moderate and pervasive hemattic alteration.	68.42	35	flat	28361	67.6	68.42		114		2			
69	68.42	70.23	Keewatin Metavolcanic Rocks (4)	Matic Metavolcanic	Qtz Carb Breccia	In addition the unit has no magnetic susceptability. Furthermore, vfg mod-wk hem alteration band with core of angular vein breccia cemented by irreg 10-50% cc-qtz strs & thds between 69 0-70 0m probably at 20 cc with tension flats at 145dca, grades into 01 33				28362 28363	68.42	69 70	0.58	110 43		25			

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No		То	Width	FA-Ge o (ppb) 43	FA-Grv	Py%	Depth	Dip	Az
70	68.42	70.23	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Qtz Carb Breccia	Unit is generally, medium red-brown with a mottled appearance. It is very fine grained with a vein breccia texture. If has a moderate and pervasive hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore, vfg mod-wk hem alteration band with core of angular vein brecca cemented by irreg 10-50% cc-qtz strs & thds between 69.0-70.0m probably at 20dca with tension flats at 145dca, grades into.	70.23	68	flat	28363	69 70	70 70.5	0.5	21	\9'/	0.5			
72							72.15	65	bedding	28365	70.5	72	1.5	36		1			
73										28366	72	73.5	1.5	21		0.25			
74	70.23	80.24	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green with a banded appearance. It is fine grained with a bedded texture. It has a weak and pervasive ccl alteration. In addition the unit has no magnetic susceptability. Furthermore, thick-med bedded midly fractured mafic volc's & i/c thin-med head flow breccia, mod cc+/py thds & strs mostly as xcutting tension flats thro occ: haloed by trace herm /<1cm, minor				28367	73.5	75	1.5	82		0.75			
76						hem atin band at 76.25-76.62 as flat: vikk epid alt'n devid thro, local weak foliation at 130dca & 20dca. BC on weak rotated xoutling alteration front of 155dca rotated 60deg counterclockwise which xouts wk fol/cleavage of 30dca.				28368	75	76.17	1.17	62		1			
77										28369	76.17	76.7	0.53	67		0.25			
78	}									28370	76 7	78	1.3	58		1			
79										28371	78	79	1	241		0.1			
 - - -						8 of 33				28372	79	80.24	1.24	170		0.75			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	Sca	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

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Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
80	70.23	80.24	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green with a banded appearance. It is fine grained with a bedded texture. It has a weak and pervasive ccl alteration. In addition the unit has no magnetic susceptability. Furthermore, thick-med bedded midly fractured matic volc's 8 <i>i/c</i> thin-med. bed flow breccia, mod cc+/py thds & strs mostly as xcutting tension flats thro cc. haloed by trace hem / <tom< td=""><td></td><td></td><td></td><td>28372 28373</td><td>79 80.24</td><td>80.24</td><td>0.76</td><td>341</td><td>(9')</td><td>0.75</td><td></td><td></td><td></td></tom<>				28372 28373	79 80.24	80.24	0.76	341	(9')	0.75			
82 -	80.24	82 53	Keewatim Metavolcanic Rocks (4)	Mafic Metavolcanic		hem altin band al 76:25-76:62 as flat: v wk epid alt'n devid thro; local weak foliation at 130dca & 20dca; BC on weak rotated xcutting alteration front of 155dca rotated 60deg iccounterclockwise which xcuts wk fol/cleavage of 30dca.				28374	81	82	1	581		3.5	1		j
83						Unit is generally, medium red-brown with a banded appearance. It is very fine grained with a mildly brecciated texture it has a moderate and pervasive hematitic alteration. In addition the unit has no magnetic susceptability. Furthermore, graded destruvive flat hem alteration band with contacts	82.19 82.53	82 65	flat flat	28375	82	82.6	0.6	2362	2.5	3			
84						showing weak hern / 20-30cm and core mod hern, minor irreg green chi thts at 120 & 160dca, mod c>>qtz+h py strs as tension flats at 120-140dca in part rotated 90-60deg and rare irreg strs ar 75dca, grades into				28376	82.6	84	1.4	67		1			
85										28377	84	85.5	1.5	72		0.5			
86	82.53	91.3	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a mildly breciated texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, massive, mildly fractured & cc>qtz str & thd sealed mafic flow, cstrs locally pyritic, v wk pervassive epid thro; gades into:				28378	85.5	87	1.5	55		1.5			
87							87.5	25	flat	28379	87	88.5	1.5	46		2			:
89										28380	88.5	90	1.5	14		0 25			
			<u> </u>			9 of 33							L			L	l		

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

ŧ				L	ithology			Struc	ture			Sa	ampling	9		Ī	;	Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-GeF	A-Grv P	y% (Depth	Dip	Az
90 -	82.53	91.3	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a mildly breciated fexture I thas a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, massive, mildly tractured & cc>qtz str & thd sealed mafic flow, icstrs locally pyrtic, viwk pervassive epid thro, gades into.				28380	88.5 90	90 91.3	1.5	53	C	25			
92-										28382	91.3	92.8	1.5	15	c	.1			
93 94 94 94	91.3	95.3	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	Unit is generally, medium green-grey with a banded appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has weak spoty to no magnetic susceptability. Furthermore, med beds massive matic flows (as above) <i>i/c</i> with thin beds hydotiff breccas, weak dusty magnetite bands dev/d thro sptf. grades into:				28383	92.8	94.4	1.6	31		.5			
95										28384	94.4	95.3	0.9	26	c	.1	94.57	-55.6	
96	95.3	96.89	Keewatin Metavolcanic Rocks (4)	Mafic Metavoicanic		Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a mildly brecciated texture. It has a weak but spotty hemailic alteration. In addition the unit has no magnetic susceptibility. Furthermore, (similar to above) with weak superposed hem ait'n dev'd thro and mod irreg cc & cc-qtz-py sits thro, grades into.				28385	95.3	96.89	1.59	255		.5			
97 98 1	96.89	120.43	Keewatin Metevolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly brecitated texture. It has a moderate and pervasive Fe-carbonate atteration. In addition the unit has mixed weak to strong pervasive and spotty magnetic susceptability. Furthermore, (as 91.3-95 am) mafic volcanic locally veined by qtz-cc-py-chi ribbon veins & veiniets gen subparallel to fon as follows: xcutting vt 103.47-103.63, 45dca rotated 60deg clockwise. ptf vein 108 07-108 20 at 45dca;				28386	96.89	98.4	1.51	58).5			
99						110.27-110.7 minor <10% ocstrs & thds weakiy xcutting ass'd with epid halos; xcutting 111.75-111.90 at 110dca not/300eg counterclockwise; 114.73-115 13.30% py bx nbbon vit at 180ca overalit; 119.74-120.27 47dca vit roted 30deg counterclockwise.0 of 33	99	35	cleavage	28387	98.4	99.8	1.4	77).5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	I Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

			L	ithology			Struc	ture			Sa	ampling					Survey	/S
From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 77	FA-Grv	Py%	Depth	Dip	A
96.89	120.43	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly brecated texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has mixed weak to strong pervasive and spotty magnetic susceptability. Furthermore, (as 91.3-95.3m) mafic volcanic locally veined by q12-cc.py-chi nbbon veins & veinets gen subparallel to foin as follows: xcutting v1 103.47-103.63. 45dca rotated 60deg clockwise, ptf vein 108.07-108.20 at 45dca.				28387	98.4 99.8	99.8 101.3	1.4	144	(91)	0.5			
					110 27-110 7 minor <10% qcstrs & thds weakly xcuting assi with epid halos, xcuting 111, 75-111.90 at 110dca rold30deg counterclockwise; 114, 73-115, 13, 30% py bx nbbon vit at 18dca overall, 119 74-120.27 47dca vit roted 30deg counterclockwise				28389	101.3	102.3	1	26		01			
									28390	102.3	103.3	1	10		0.1			
						103 63	43	vein	28391	103.3	103.8	0.5	261		20			
-									28392	103.8	104 33	0.53	95		1			ļ
									28393	104.33	105.23	0.9	205		3			
									28394	105.23	106.53	1.3	19		0.1	-		
									28395	106.53	107.9	1.37	14		0.25			
						108.2	60	vein	28396	107.9	108.4	0.5	263		6			
									28397	108.4	109.3	0.9	40		0.1			
1					11 of 3	3			28398	1093	110.7	1.4	58		0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

				Li	ithology			Struc	ture			Sa	ampling	3				Survey	ys
From	n	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample	From	То	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	
96.85	9	120.43	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly brecatadet texture. It has a moderate and pervasive Fe-carbonate alteration In addition the unit has mixed weak to strong pervasive and spotty magnetic susceptability. Furthermore, (as 91.3-95.3m) mafic volcanic locally vened by q12-ccp-yc-th ribbon venis & veinlets gen subparallel to foin as follows: xcutting wit 103 a7-103 63. 45dca ratadet 60deg clockwise: ptf vein 108 07-108.20 at 45dca. 110.27-110.7 minor <10% gcstrs & thds weakly xcutting asd with epid halos. xcutting 111.75-111.90 at 110dca rold30deg counterclockwise. 114.73-115.13.30% py bx nbbon vit at 18dca overali; 119.74-120.27 47dca vit roted 30deg counterclockwise.				No 28398 28399 28399		110.7	1.4	24		0.5			
										28401	112.1	113.5	1.4	9		0.1			
										28402	113.5	114.44	0.94	7		1			
							115.13	15	vein	28403	114.44	115.34	0.9	3221	3.46	5			
										28404	115.34	116.6	1.26	29		0.5			-
										28405	116.6	117.87	1.27	17		0.75			
										28406	117.8	119	1.13	34		1			
						12 of 3	3			28407	119	119.7	0.7	21		0.25			

Contractor:	Heath & Sherwood	<u>Young</u> .	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		OKA Proj	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

pth :				L	ithology	ан на нами на на на на на на на на бил на фил на фил формиционното на полото полото на ла на на на на на на на На на	T	Struc	ture			Sa	ampling	9				Survey	/S
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
120	96.89	120.43	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a banded appearance. It is fine grained with a mildly breciated texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has mixed weak to strong pervasive and sporty magnetic susceptability Furthermore, (as 91.3-95.3m) mafic volcanic locally veined by qtz-cc-py-chi hobon veins & veinlets gen subparallel to foln as follows xcutting vit 103.47-103.63. 45dca rotated 60deg clockwise; ptf vein 108.07-108.20 at 45dca; 110.27-110.7 minor <10% gcstrs & Ihds weakly xcutting ass3 with epid halos; xcutting minor follows and the starting minor starting the set of the starting minor starting the set of the set	120.43		bedding	28407 28408 28409	119 119 7 120.43	119.7 120.43 121.5		1252 55	1.37	0.25 12.5 1.25			
122	120 43	125.09	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic	Breccia	111.75-111.90 at 110dca rol/d30deg counterclockwise, 114.73-115.13.30% py bx ribbon vit at 18dca overall, 119.74.120.27 47dca vit roted 30deg counterclockwise. Unit is generally, pale grey with a banded appearance. It is fine grained with a bedded texture. It has a weak and pervasive Fe-carbonate alteration. In addition the unit has strong to moderate pervassive magnetic susceptability. Furthermore, medium beds massive mafic-intermediate flows poss weakly silic/fied? <i>i/c</i> with thim beds of graded hyalotuff or flow breccia in part SPHERULITIC / VARIOLITIC, STRATIGRAPHIC TOPS FACE UPHOLE based on grading, unit grades into.	123.53	43	bedding	28410 28411	121.5	123 124.06	1.5	165 93		2			
124										28412	124.06	125.09	1.03	88		4			
126			Keewatin			Unit is generally, pale grey with a uniform appearance. It is fine grained with a massive texture. It has a weak and pervasive Fe-carbonate alteration Furthermore, weak				28413	125.09	126.5	1.41	100		1			
127	125.09	127.97	Metavolcanic Rocks (4)	Mafic Metavolcanic		cc str & thd development, faint foliation at 50dca: unit grades into: Unit is generally, dark grey-brown with a banded appearance. It is fine to medium grained with a foliated texture. It has a weak but spotty hematic alteration Furthermore, banded & moderately altered chI-hem graded matic lapilit utif, STRAT TOPS FACE UPHOLE: v/g dissem py and minor tr bands dev/d in matrix thro. BC shp at	127.3	29	schistosity	28414	126.5	127 97	1.47	120		25			
	127.97	128.76	Keewatin Metavolcanic Rocks (4)	Tuff		44dca Unit is generally, medium red-brown with a mottled appearance. It is medium gained with a massive texture. It has a strong and pervasive hematitic alteration. Furthermore,				28415	127.97	128.76	0.79	2157	2.37	7			
129 -	128.76	129.4	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		strong destructive hem-carb alteration band deved splf, weak banding at 33dca, vtg siss py and clots thro. BC shp at 39dca		 		28416	128.76	129.84	1.08	1289	1.34	5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamonc</u>	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

th				L	ithology	· · · · · · · · · · · · · · · · · · ·		Struc	ture			Sa	ampling)				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Gr (gr)	Py%	Depth	Dip	Az
130	128.76	129.4	Keewatin Metavolcanic Rocks (4) Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic Mafic Metavolcanic	Breccia	Unit is generally, medium red-brown with a mostled appearance. It is medium gained with a massive texture. It has a strong and pervasive hematilic alteration. Furthermore, strong destructive hem-carb alteration band devel splf, weak banding at 33dca, vfg diss jpy and clots thro. BC ship at 39dca. Unit is generally, pale grey with a banded appearance. It is fine to medium grained with a bedded texture. It has a weak but spotty chloritic alteration. Furthermore, Isimilar to 120.43-225.09) med bedded massive mafic flows ic with thin beds graded kg reeen chloritic ash hyalotuff with cg well rounded lapill sized vanile spheres at base on downhole side. BC vague and scoured	129 84		contact	28416 28417 28418	129.84	129.84	0.77	50 153	1.34	2			
132 -										28419	131.61	133	1.39	518		5			
133	131.61	135 66	Keewatin Metavolcanic Rocks (4)	Tuff		Unit is generally, medium grey-brown with a nibboned appearance. It is medium gained with a foliated texture. It has a weak but spotty hematitic alteration Furthermore, thickly laminated, mod. foliated to thinly bedded mafic ash tuffs and lapilit tuff, qtz-cc knotted and strd pff, weak-mod diss f-mg pynte lam's dev/d along foliation planes, strong green chi alth dev/d on alternating laminaions giving hibboned appearance;weak th. banded trace hem dev/d thro; unit grades into	134.44 135	21 39	contact schistosity	28420 28421	133 134 44	134 44		1268	1.37	4 3			
136	135 66	138.62	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a uniform appearance. It is fine grained with a massive texture I has a weak and pervasive Fe-carbonate alteration. Furthermore, mildy brecciated green chi and white cc-qtz str'd top				28422	135.66	137.12	1.46	112		1.5			
138						contact /20cm grading downhole to massive flowwith rare qcstrs/thds; BC shp Unit is generally, dark green-grey with a uniform appearance. It is medium gained with a foliated texture — It has a strong and pervasive Ca-carbonate alteration. Furthermore, carbonitized & rextalized mafric arb hild are undred biff, acettin proposing				28423	137.12	138.62	1.5	31		0.5			
139	138.62	142.55	Keewatin Metavolcanic Rocks (4)	Mafic Sediments		ash tuff or re-worked tuffs, costrs increasing downhole fromtrace to 80%; trace (g featury black amphiboles thro; BC rotated 60deg clockwise and grades into next unit / 15cm subround clast supported matic breccia dsnoff 33				28424	138 62	140.1	1.48	58		0.1			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

Ę				Lit	hology			Struc				Sa	mpling	9				Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-GeF o (ppb)	A-Grv (ar)	Py%	Depth	Dip	Az
140	138 62	142.55	Keewatin Metavolcanic Rocks (4)	Mafic Sediments		Unit is generally, dark green-grey with a uniform appearance. It is medium gained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. Furthermore, carbonitized & rextalized matic ash tuff or re-worked tuffs, gcstrs increasing downhole fromtrace to 80%; trace fg featury black amphiboles thro. BC totated 60deg clockwise and grades into next unit / 15cm subround clast supported mafic breccia band.	140	49	schistosity	28424 28425	138.62	140.1	1.48	28		0.1			
142							-			28426	141.6	142.55	0.95	179		4			
143										28427	142 55	144	1.45	79		1.5			
144	142.55	148.2	Keewatin Melavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium grey with a hbboned appearance. It is fine grained with a mildly brecciated texture. It has a weak and pervasive Fe-carbonate alteration Furthermore, massive mafic flow craked & sealed by irreg qosts & thd stockwork showing				28428	144	145.5	1.5	89		1.5			
146						seared by integ desir a the sockwork showing 1-4rm chipy nm selvages; BC shp intrusive & xcutting at 135dca				28429	145.5	147	1.5	83		2			
147						Unit is generally, medium green with a unform appearance. It is medium gained with a massive lexture. It has a strong and	148.2	45	flat	28430	147	148.2	1.2	45		2			
149	148.2	150.3	Keewatin Metavolcanic Rocks (4)	Matic Dyke (undif)		pervasive ccl alteration Furthermore, weakly foliated / flow banded carbonitized & re-xtalized gabbroic intrusive showing weak m-og WAC, trace vig diss. black amphiboles and minor css/thds; BC shp bit flamed fatara 145dca.				28431	148.2	149.25 150.3		43 95		0.1			

Contractor:	Heath & Sherwood	<u>Young-</u>	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

epth.				L	ithology			Struc	cture	1		Sa	mpling					Survey	s
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angie tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 95	FA-Grv	Py%	Depth	Dip	Az
150	148.2	150.3	Keewatin Metavolcanic Rocks (4)	Mafic Dyke (undif.)		Unit is generally, medium green with a uniform appearance. It is medium gained with a massive texture. It has a strong and pervasive ccl alteration. Furthermore, weakly toliated / flow banded carbonitized & re-xtaized gabbroic intrusive showing weak m-og WAC, trace vfg diss. black amphiboles and minor css/thds, BC shp bit flamed & flat at 145dca.	150.3	37	flat	28432	149.25	150.3	1.05	95	(917	0			
151										28433	150.3	151.5	1.2	26		0.1			
152 -										28434	151.5	152.6	1.1	33		0.1			
153						Unit is generally, pale green-grey with a				28435	152.6	153.2	0.6	124		20			
154			Keewatin			uniform appearance II is fine grained with a mildly breccated texture. It has a strong but spotty Ca-carbonate alteration. Furthermore, massive mafic flow frac'd & sealed by 5-10% irreg, white pyritic cc-sqtz xcutting stringers, minor green chi thds;				28436	153.2	154.5	1.3	43		2			
155	150.3	159.84	Metavolcanic Rocks (4)	Mafic Metavolcanic	Sandstone	152 83-153.03 +20% diss py devd in cc-qtz vit at 35dca rotated 70deg conterclockwise xcutting wit 61n of 20dca: 159.84-161.03 weakly chloritic breccia bed, clast supported monomictic with vague cg grey siln bnd/vit (dry) from 160.16-160.3 z at 60dca sptf, basr of				28437	154.5	155.25	0.75	509		5			
156						section chi'c & py thd sti'd / last 18cm. BC shp & rotated 30deg counterclockwise.				28438	155.25	156.25	1	69		1.5			
157 -										28439	156.25	157.5	1.25	64		3.5			
158										28440	157.5	158.75	1.25	36		2.5			
159						16 of 33				28441	158.75	159.84	1.09	43		2 5			

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	Sca	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

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Ŧ				Li	thology			Struc	ture]		Sa	ampling)]		Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
160	150.3	159.84	Keewatin Mctavolcanic Rocks (4)	Mafic Metavolcanic	Sandstone	Unit is generally, pale green-grey with a unform appearance. It is fine grained with a mildly brecatadet tacture. It has a strong but spotty Ca-carbonate alteration. Furthermore, massive mafic flow frac'd & sealed by 5-10% irreg, white pyntic co-qtz xcutting stingers, minor green cht thds; 152.83-153.03 + 20% diss py dev'd in co-qtz vit at 35dca rotated 70deg conterclockwise xcutting with folm of 20dca, 159.84-161.03 weakly chloritic breccia bed, clast supported monomicitic with vague og p'grey siln bnd/vit is of 160-16-160.32 at 60dca sptf, basr of isection chi'c & py thd str'd / last 18cm, BC shp & rotated 30deg counterclockwise				28441		159 84	1.09	746	(9')	3			
162						2				28443	161.03	162.5	1.47	107		1			-
163 	159.84	175	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, pale grey with a banded appearance. It is very fine grained with a folded texture. It has a moderate and pervasive Fe-carbonate alteration Furthermore, thinly bedded rei, fresh looking turbotitic siliones and wackes, bedding contorted and transposed thro. CA's at top of section rotating thro, wk xottling S1/2 cleavage at 50dca. S0 bedding ranges from 40 to 0 to 140dca arranged as open "S" folds thro, beds locally flamed, 169 0-171 0 weak fg py replacement patches and sits devid pts at 50 and 100dca; unit grades into:	163.5	42	flat	28444	162.5	164	15	375		0.5			
166 167 167							166.5	O	bedding										
169						17 of 33				28445	169	170	1	783		1.5			

Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
07-Apr-0 4		<u>OKA Proj</u>	ect		Collar Dip:	-55
R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?
	04-Apr-04 07-Apr-04 R.V. Zalnieriunas 14-Apr-04 metres Eas	04-Apr-04 <u>Sca</u> 07-Apr-04 R.V. Zalnieriunas Township: 14-Apr-04 NTS: metres Easting (NAD 27):	04-Apr-04 <u>Scaled Diamond</u> 07-Apr-04 <u>OKA Proj</u> R.V. Zalnieriunas Township: Cairo 14-Apr-04 NTS: 42P/15 metres Easting (NAD 27): 525921.3	04-Apr-04Scaled Diamond Drill Log07-Apr-04OKA ProjectR.V. ZalnieriunasTownship:Cairo14-Apr-04NTS:42P/15UTM Zone:metresEasting (NAD 27):525921.3Northing (NAD27):	04-Apr-04Scaled Diamond Drill LogColla07-Apr-04OKA ProjectCollaR.V. ZalnieriunasTownship:CairoClaim Number:14-Apr-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):525921.3Northing (NAD27):5312156.7	O4-Apr-04Collar Azimuth:07-Apr-04OKA ProjectCollar Dip:R.V. ZalnieriunasTownship:CairoClaim Number:1248827Length:14-Apr-04NTS:42P/15UTM Zone:17Core Size:metresEasting (NAD 27):525921.3Northing (NAD27):5312156.7Elevation:

th :				Li	thology		1	Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge	FA-Grv (gr)	Pv%	Depth	Dip	Az
170	159 84	175	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, pale grey with a banded appearance. It is very fine grained with a folded texture. It has a moderate and pervasive Fe-carbonate alteration Furthermore, thinky bedded, rel fresh looking turbiditic siltones and wackes, bedding contorted and transposed thro, CA's at top of section rotating fino, wk xcutting S1/2 cleavage at 50dca. S0 bedding ranges from 40 (s0 to 140dca arranged as open "5' folds thro, beds locally flamed. 169 0-171.0 weak fg py replacement patches and strs devid pts at 50 and 100dca. unit grades into		<u>. 10</u>		No 28445 28446	169	170	1	604	(gr)	1.5 3	<u>.</u>		
172							172	13	bedding										
173																			
174																			:
175 -																			
176-						Unit is generally, pale grey with a banded appearance. It is fine grained with a bedded	176.5	35	cleavage										
177	175	182.4	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	appearance in this is in granted with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration — Furthermore, wackes similar to above, weak to moderate penetrative cleavage developed at 40oca giving appearance of bedding, weak vague true bedding defined by cherty sillstone tops undulating down core at 0to 30dca.													
179 —						18 of 33	178.85 179.15		contact contact	_									

Contractor:	Heath & Sherwood	Young	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14 - Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

: th				Li	thology			Struc				Sa	ampling			T		Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То			FA-Grv (gr)	Py% I	Depth	Dip	Az
180 —	175	182.4	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	W	Unit is generally, pale grey with a banded appearance. It is fine graned with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. Furthermore, wackes similar to above, weak to moderate penetrative cleavage developed at 40dca giving appearance of bedding, weak vague true bedding defined by cherty sitistone tops undulating down core at 0to 30dca.	180.07		contact										
181																			
182														,					
183										28447	182.4	184	1.6	22		0.01			
184										28448	184	185.07	1.07	24		0.05			
186	182.4	203.05	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, pea conglomerate with gntty sand matrix with local ss beds.				28449	185.07	186.5	1.43	171		1.5			
187										28451	186.5	187 67	1.17	34		1.5			·
188										28452	187.67	189	1.33	17		0.01			
189					·	19 of 33													

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

Ę				L	ithology			Struc	ture			Sa	ampling	9			Su	veys
nepin	From	Ťo	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From		Width	FA-Ge	FA-Grv _F (gr)	γ% D	epth D	ip
	182.4	203.05	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a bedded texture it has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, pea conglomerate with gntty isand matrix with local ss beds.		lou										
1.1.1																		
لسينايته																		
1.1.1.1.1.1.1																		
Luitliu										28453	195	196.45	1.45	21		0.01		
LILILI										28454	196.45	198	1.55	77		2 5		
Luch																		
1.1						20 of 3	3			28455	198	199.18	1.18	98		1.5		

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	<u>ines. Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		OKA Proj	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

ŧ				Li	hology			Struc		1		Sa	mpling					Survey	S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample	From	То	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	Az
200	182.4	203.05	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally medium green-grey with a spotted appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, pea conglomerate with gntty sand matrix with local ss beds.	200.4	60	bedding	No 28455 28456	198	199.18 200.5	1.18	98 17	<u>(</u> gr)	1.5 0.01			
201																			
202																			
203 -	203.05	204.24	Lamprophyre (9)	Undifferentiated		Unit is generally, medium grey-brown with a uniform appearance. It is fine grained with a massive texture It has a moderate and pervasive Fe-carbonate alteration. In addition	203 05	60	contact										
204						the unit has no magnetic susceptability.	204.24	60	contact										
205																			
206 -			Keewatin			Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a													
207	204.24	216.4	Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.													
208 -																			
						21 of 33]				

Contractor:	Heath & Sherwood	Young-	-Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>d Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	iect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

÷				Li	thology			Struc	ture]		Sa	ampling	 		I	Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv Py%	Depth	Dip	Az
	204.24	216 4	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Pebble Conglomerate	Unit is generally, medium green-grey with a spotted appearance. It is fine grained with a bedded texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.												
210																		
211																		
212																		
213																		
214																		
215																		
216							216.4	20	contact									
217	216.4	223.79	Lamprophyre (9)	Undifferentiated	•	Unit is generally, medium green-grey with a spotted appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, contains npped up clasts of metasediment locally giving unit a conglomeratic texture.												
						22 of 33											L	

Contractor:	Heath & Sherwood	<u>Young</u> .	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

pth :				Lit	hology			Struc	ture	T		Sa	mpling					Survey	/S
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
220	216.4	223.79	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a spotted appearance. It is line to medium grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, contains ripped up clasts of metasediment locally giving unit a iconglomeratic texture.													
										i									
221																-			
222																			
223										28457	222.5	223.79	1.29	28		0			
224																			
225 -							224.79	75	contact	28458	223.79	225.82	2.03	151		2.5			1
226 _	223.79	227.89	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a nbboned appearance. It is fine grained with a sheared texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, sheared lamp with hematilic and chloritic alteration.											225.57	-55.2	341.4
227										28459	225.82	227.89	2.07	322		1.5			
228	227.89	230.17	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	w	Unit is generally, medium green with a uniform appearance. It is very fine grained with a crackled texture It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability 23 of 33 Furthermore, krkled mudstone.				28460	227.89	229	1.11	86		0.01			

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

ţ,				Li	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
229	227.89	230.17	Keewatin Metavolcanic Rocks (4)	interflow Metasediments (Undif.)	w	Unit is generally, medium green with a uniform appearance. It is very fine grained with a crackled texture. It has a moderate and pervasive Fe-carbonate alteration in addition the unit has no magnetic susceptability. Furthermore, krkled mudstone.				28460 28461	227.89 229	229 230 17	1.11	86 89	(9)/	0.01			
231	230.17	233.47	Keewatin Metavoicanic Rocks (4)	Mafic Dyke (undif.)		Unit is generally, medium grey-brown with a uniform appearance. It is fine to medium grained with a massive fexture. It has a imoderate and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weakly porphyritic, not lamp	230 17	60	contact	28462	230.17	233	2.83	67		0			· · · · · · · · · · · · · · · · · · ·
233							233.47	60	contact	28463	233	233.47	0.47	33		0			
234										28464	233.47	234.59	1.12	22		0			
235						Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a				28465	234.59	236.61	2.02	378		3.5			
236	233 47	256 74	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	massive texture. It has a moderate and pervasive fe-carbonate alteration. In addition the unit has moderate spotly to pervassive magnetic susceptability. Furthermore. amphibolitized and bleached mud/sittstone.													
237 -										28466	236.61	238	1.39	210		2.5			
238 -						24 of 33	3			28467	238	239.5	1.5	77		0.01			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	Sca	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

ŧ				Lif	thology			Struct	ture	I		Sa	ampling	3]		Survey	s
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No 28467	From	То	Width	FA-Ge o (ppb) 77	FA-Grv (ar)	Py%	Depth	Dip	Az
239	233.47	256.74	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif)	Mudstone, Wacke	Unit is generally, medium green-grey with a biotchy appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate spotty to pervassive magnetic susceptability. Furthermore, amphibolitized and bleached mud/sillstone.				28467 28468	238		1.5	91		0.01			
241										28469	241	242.5	1.5	112		1.5			
242																			
243 244										28470		243.5 244.5	1	105		2.5			
245										28472	244.5		1.18	643		7.5			
246	:																		
247										28473	245.68	247.3	1.62	119		2.5			
248										28474	247.3	249 68	2.38	138		0.01			
					J	25 of 33					L								

Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

ţ				Lit	thology			Struct	ture			Sa	mpling					Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
249	233.47	256.74	Keewatin Metavolcanic Rocks (4)	Interflow Metasediments (Undif.)	Mudstone, Wacke	Unit is generally, medium green-grey with a blotchy appearance. It is fine grained with a massive texture. It has a moderate and pervasive Fe-carbonate alteration. In addition the unit has moderate spotty to pervassive magnetic susceptability. Furthermore, amphibolitized and bleached mud/siltstone.				28474	247.3	249.68	2.38	138	(97	0.01			
250										28475	249.68	251	1.32	112		2.5			
251										28476	251	252.5	1.5	568		1.5			
252										20470	231	202.0	1.5	508		1.5			
253 -										28477	252.5	254	1.5	88		1.5			
254										28478	254	255.47	1.47	127		4.5			
255										20170	201								
256										28479	255.47	256.74	1.27	1106	1.17	2.5			
257	:					Unit is generally, dark grey with a uniform	256.74		contact										
258	256.74	273.08	Diabase (5)	Undifferentiated		appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.													
				 		26 of 33													

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

₽				Li	thology	· · · · · · · · · · · · · · · · · · ·		Struct	ture			Sa	mpling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv (gr)	y %	Depth	Dip	Az
259		273.08	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.									(gi)				
260																			:
261																			i
262																			
263																	:		
264																			1
																			:
265																			
266																			
267 -																			
268 -																			
						27 of 3	3												:

Contractor:	Heath & Sherwood	Young	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

th t				Li	thology			Struc	ture]		Sa	ampling)			.	Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	FA-Grv	Py%	Depth	Dip	Az
269	256.74	273.08	Diabase (5)	Undifferentiated	-	Unit is generally, dark grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.		(Cg											
270 -																			-
·																			
271																		-	:
272																			1
273							273.08	50	contact										
274										28480	273.08	274.5	1.42	191		0.5			:
275	273.08	293.69	Keewatin Metavoicanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability Furthermore, amphibolitized ss?.				28481	274.5	276	1.5	81		0.5			
277										28482	276	277.5	1.5	81		0.5			
278						28 of 33	3			28483	277.5	279	1.5	74		0.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	Sca	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole

th th	-			Li	thology		1	Struc	ture			Sa	mpling	J				Survey	'S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge o (ppb) 74	FA-Grv	Py%	Depth	Dip	Az
279	273.08	293 69	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, amphibolitized ss?					277 5 279			268	(9'/	0.5			
281										28485	280.5	282	1.5	181		0.5			
283				2						28486	282	283.5	1.5	372		2.5			
284										28487	283.5	285	1.5	98		25			
286										28488	285	286.5	1.5	165		2.5	285 57	-55.4	340.4
287										28489	286.5	288.01	1.51	275		0.5			
288						29 of 33				28490	288.01	289.5	1.49	299		0.5			

Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
04-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	331.5
07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?
	04-Apr-04 07-Apr-04 R.V. Zalnieriunas 14-Apr-04 metres Eas	04-Apr-04 <u>Sca</u> 07-Apr-04 R.V. Zalnieriunas Township: 14-Apr-04 NTS: metres Easting (NAD 27):	04-Apr-04 <u>Scaled Diamono</u> 07-Apr-04 <u>OKA Proj</u> R.V. Zalnieriunas Township: Cairo 14-Apr-04 NTS: 42P/15 metres Easting (NAD 27): 525921.3	04-Apr-04Scaled Diamond Drill Log07-Apr-04OKA ProjectR.V. ZalnieriunasTownship:Cairo14-Apr-04NTS:42P/15UTM Zone:metresEasting (NAD 27):525921.3Northing (NAD27):	04-Apr-04Scaled Diamond Drill LogColla07-Apr-04OKA Project7R.V. ZalnieriunasTownship:CairoClaim Number:14-Apr-04NTS:42P/15UTM Zone:17metresEasting (NAD 27):525921.3Northing (NAD27):5312156.7	04-Apr-04Scaled Diamond Drill LogCollar Azimuth:07-Apr-04OKA ProjectCollar Dip:R.V. ZalnieriunasTownship:CairoClaim Number:1248827Length:14-Apr-04NTS:42P/15UTM Zone:17Core Size:metresEasting (NAD 27):525921.3Northing (NAD27):5312156.7Elevation:

ţ				Lit	hology			Struc	ture	1		Sa	ampling)		1		Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
289	273.08	293.69	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture II has a strong and pervasive Ca-carbonate alteration In addition the unit has no magnetic susceptability. Furthermore, amphibolitized ss?				28490	288.01	289.5	1 49	o (ppb) 299		0.5			
290										28491	289.5	291	1.5	850		0.5			
291										28492	291	292.5	1.5	225		0.5			
292										22402	202.5	202.00	1.10	1554		0.5			
294							293.69	30	contact	28493	292.5	293.69	1.19	1554	1.51	0.5			
295	293.69	296.15	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a unform appearance. It is fine to medium grained with a massive texture. It has a storg and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				28494	293.69	295.06	1.37	471		0.5			
296				;						28495	295.06	296.15	1.09	29		0.01	1		i
290	296.15	297.06	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green with a nbboned appearance. It is fine grained with a sheared texture II has a strong and pervasive ccl alteration. In addition the unit has no magnetic susceptability. Furthermore, possibly 14 North Zone, weakly silicitied and hematized with 8-10% py tr cpy.	296.4 296.46	60 40	schistosity cleavage	28496	296.1	297.06	0.91	495		9.5			
298	297.06	303.5	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				28497		298.5	1.44	126		0.01			
298						In addition the unit has no magnetic				28498_	298.5	300	1.5	119		0.01			

Contractor:	Heath & Sherwood	<u>Young</u> -	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	<u>led Diamond</u>	l Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

Ē				Li	ithology			Struc	ture			Sa	amplin					Survey	/s
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample	From	То	Width	FA-Ge o (ppb)	FA-Grv	Py%	Depth	Dip	Az
	297.06	303.5	Lamprophyre (9)	Undifferentiated		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a foliated texture. It has a strong and pervasive Ca-carbonate alteration in addition the unit has no magnetic susceptability.	-			28498	298.5	300	1.5	119		0.01			
										28499	300	301.5	1.5	74		0			
1																			
والم. ومرازر										28501	301.5	303	1.5	74		1.5			
	303.5	303.88	Lamprophyre (9)	Undifferentiated		Unit is generally, dark grey-brown with a ribboned appearance. It is fine to medium grained with a brecated texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, fault breccia with gouge and lamp fragments.	303.88	60	contact	28502	303	303.88	0.88	203		1.5			
										28503	303.88	305	1.12	24		0			
يتية تعتقي ومعاودت	303.88	308.98	Diabase (5)	Undifferentiated		Unit is generally, very dark black with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.													
11:11																			
1 - 1 - 1																			
-						31 of 33				28504	308	308.98	8 0.98	15		0			1

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	ting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

ŧ				Lit	thology			Struc		-		Sa	ampling	9				Survey	'S
	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No		То	Width	FA-Ge o (ppb) 15	FA-Grv (ar)	Py%	Depth	Dip	Az
309	303.88	308.98	Diabase (5)	Undifferentiated		Unit is generally, very dark black with a uniform appearance. It is very fine grained with a massive texture it has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.	308.98		contact	28504	308	308 98	0.98	15		0			
310-										28505	308.98	310.5	1.52	22		0.01			
311										28506	310.5	312	1.5	14		0.01	:		
313						Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a				28507	312	313.5	1.5	12		0.01			
314	308. 9 8	321	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		motified texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervasive magnetic susceptability. Furthermore, blocky and broken with gouge from 309-311.				28508	313.5	315	1.5	10		0.01			
315																			
317																			
318						32 of 33													

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-52
Hole Commenced:	04-Apr-04	<u>Sca</u>	led Diamond	<u>l Drill Log</u>	Colla	ar Azimuth:	331.5
Hole Completed:	07-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-55
Logged By:	R.V. Zalnieriunas	Township:	Cairo	Claim Number:	1248827	Length:	321
Date Logged:	14-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Eas	sting (NAD 27):	525921.3	Northing (NAD27):	5312156.7	Elevation:	353
DH Survey:	Single Shot Flexit	Grid Easting:	1550	Grid Northing:	645	Casing:	casing in hole?

th :				Lit	hology	·····		Struct	ture			Sa	ampling	ł			Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge	A-Grv (gr) Py	% Dept	Dip	Az
319	308.98	321	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a mottled texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability. Furthermore, blocky and broken with gouge from 309-311.												
320	321	321				Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site	-											
						Snar site	7											-
322 -																		-
323 -																		-
324																		- - -
325 -	-												-					
326																		
327 -																		
328						33 of 33	3											

Contractor:	Heath & Sherwood	Youn	g-Davidson Mir	nes, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	<u>Sc</u>	aled Diamond	<u>Drill Log</u>	Colli	ar Azimuth:	331.5
Hole Completed:	16-Apr-04	· · · ·	<u>OKA Proje</u>	<u>ct</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

Ę.	[Li	thology			Struc	ture			Sa	ampling					Survey	s
Dep	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
5-		χ				· · ·				28509	2	3.5	1.5	65		0.5			
0			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a moderate and pervasive Ca-carbonate				28510	8	9.5	1.5	60		0.5			
5-	0	24.39	Metavolcanic Rocks (4)	Mafic Metavolcanic		moderate and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.				28511	14	15.5	1.5	24		0.5			
20-								And and a second se		28512	20	21.5	1.5	50		1.5	21.57	-43.23	
25-	24.39	29.06	Keewatin Metavolcanic Rocks (4)	Gabbro .		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has strong and spotty magnetid of 8 susceptability.				28513	26	27.5	1.5	31		0.5			



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Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	S	caled Diamond	d Drill Log	Colla	ar Azimuth:	331.5
Hole Completed:	16-Apr-04		OKA Proj	iect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

Ę					ithology		Γ	Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv F	y%	Depth	Dip	Az
	24.39	29 06	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has strong and spotty magnetic susceptability.				28513	26	27.5	1.5	31		0.5			
80	29.06	34.5	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has strong and spotty magnetic susceptability.				28514	32	33.5	1.5	43		0.5			
	34.5	34.88	Keewatin Metavolcanic Rocks.14)	Aplite	-	Unit is generally, medium grey-brown with a uniform appearance. It is aphanilic with a massive fexture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	33.86 34 34.5 34.88	60 50 80 80	contact contact contact contact										
										28515	38	39.5	1.5	277		0.5			
-	34.88	49.54	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.													
										28516	44	45.5	1.5	57		D.5			
							48.71 48.85 49.54	40 40 80	contact contact contact	28517	48	49.54	1.54	31		0.5	48.57	-42.64	
	49.54	54.46	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale red-brown with a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the				28518 28519	49.54 51	51 52.5	1.46	21 19		0.5			
-						Ca-carbonate alteration. In addition the unit has no magnetic susceptability 2 of 8				28520	52.5	53.5	1	21		0.5]		

Contractor:	Heath & Sherwood	Youn	ig-Davidson M	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	Se	caled Diamond	Drill Log	Col	ar Azimuth:	331.5
Hole Completed:	16-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

ŧ			·	 Li	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)		Py%	Depth	Dip	Az
55-	49.54 54.46	54.46 56.11	<u>Grey Porphyry (6)</u> Keewatin Metavolcanic Rocks (4)	Feldspar Porphyry Mafic Dyke (undif.)		Unit is generally, pale red-brown with a uniform appearance. It is fine to medium grained with a porphyritic texture. It has a moderate and pervasive Ca-carbonate aiteration. In addition the unit has no magnetic susceptability. Unit is generally, medium green with a	54.46		contact	28520 28521 28522	52.5 53.5 54.46	53.5 54 46 56.11	1 0.96 1.65	21 201 612	(gr)	0.5 0.5 1.5			
	-					uniform appearance. It is very fine grained with a massive texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has moderate and pervassive magnetic susceptability.	56.11		contact	28523	56.11	58	1.89	256		0.5			
-										28524	58	59.5	1.5	217		0.5			
¢0										28525	59.5	61	1.5	1525	1.65	1.5			
-										28526	61	62.5	1.5	258		1.5			
-										28527	62.5	64.33	1.83	162	l	1.5			
65 -	56.11	75.52	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale grey-brown with a spotted appearance. It is fine to medium grained with a porphyritic texture. It				28528	64.33	65.7	1.37	464		9			
		10.02				has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	67.32	30	fracture plane	28529	65.7	67.33	1.63	812		9			
										28530	67 33	68.5	1.17	127		1.5			
70 -										28531	68.5	70	1.5	146		1.5			
										28532	70	71.5	1.5	45		0.5			
-										28533	71.5	73	1.5	129		0.5			
										28534	73	74.5	1.5	89		0.5			
r5 -	75.52	77.61	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, dark green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	75.52	55	contact	28535 28536	74.5	75.52	2.09	62 58		0.5			
	77.61	101.71		Feldspar Porphyry		Unit is generally, pale grey-brown with a spotted appearance. It is fine to medium grained with a porphyritic texture. It bas a moderate and nervasive	77.61		contact	28537	77.61	79.5	1.89	34		0.5			
L	1]	l	l	Ca-carbonate alteration. In addition3thof 8 unit has no magnetic susceptability		<u> </u>		28538	795.	81	1.5			0.5]

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson M	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	<u>Sc</u>	aled Diamond	l Drill Log	Col	lar Azimuth:	331.5
Hole Completed:	16-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	4 Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

£				Li	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample _ No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	77.61	101.71	Grey Porphyry (6)	Feldspar Porphyry		Unit is generally, pale grey-brown with a spotted appearance. It is fine to medium grained with a porphynitic texture. It has a moderate and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.				28538 28539	79.5 81	81 82.5	1.5	143		0.5			
										28540	82.5	84	1.5	36		0.5			
- 85										28541	84	85.5	1.5	34		0.5			
										28542	85.5	87	1.5	19		0.5			
										28543	87	88.5	1.5	9		0.5			
										28544	88.5	90	1.5	12		0,5			
90										28545	90	91.5	1.5	15		0.5	90.57	-42.31	
										28546	91.5	93	1.5	14		0.5			
										28547	93	94.5	1.5	7		0.5			
95-										28548	94.5	96	1.5	10		0.5			
11										28549	96	97.5	1.5	9		0.5			
1										28551	97.5	99	1.5	9		0.5			
100										28552	99	100.5	1.5	62		0.5			
-							101.71	40	contact	28553	100.5	101.71	1.21	95		0.5			
						Unit is generally, medium green-grey with a uniform appearance. It is fine to				28554	101.71	103.5	1.79	29		0.5			
105	101.71	153.08	Keewatin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no to spotty moderate magnetic susceptability.				28555	103.5	105	1.5	64		0.5			
						4 of 8													

Contractor:	Heath & Sherwood	Youn	g-Davidson Mi	nes, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	Sc	caled Diamond	Drill Log	Coll	ar Azimuth:	331.5
Hole Completed:	16-Apr-04		<u>OKA Proje</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

Ę				Li	thology			Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle t <u>c</u> a	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv	Py%	Depth	Dip	Az
	101.71	153.08	Keewalin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine to medium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no to spotty moderate magnetic susceptability.		1214		28556	107	108.5	1.5	21		0.5			
115										28557	113	114.5	1.5	110		0.5			
120										28558	119	120.5	1.5	535		0.5			
125										28559	125	126.5	1.5	108		0.5			
130						5 of 8				28560	131	132.5	1.5	335		0.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	Sc	caled Diamono	I Drill Log	Col	lar Azimuth:	331.5
Hole Completed:	16-Apr-04		OKA Proj	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 119966	4 Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

th :				Li	thology			Struc	ture			Sa	mpling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
135-	101.71	153 08	Keewalin Metavolcanic Rocks (4)	Gabbro		Unit is generally, medium green-grey with a uniform appearance. It is fine to Imedium grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no to spotty moderate magnetic susceptability.											135.57	-42.14	328.3
110-										28561	137	138.5	1.5	103		0.5			
										28562 28563	143	144.5	1.5	72		0.5) 		
145										28564 28565	145 5 147	147 148.5	1.5 1.5	71 53		1.5 1.5			
							150	60	schistosity	28566 28567	148.5	149.92 151.75	1.42	67 430		2 5 11			
							153.08	50	contact	28568 28569	151.75		1.33	150 270		4.5 4			
155-	153.08	161.18	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate pervassive to no magnetic susceptability.				28570 28571	154.5 156	156 157.5	1.5 1.5	96 93		4 2.5	156.57	-41.89	
-						6 of 8				28572 28573	157.5	159 160.5	1.5	290 52		2.5 2.5			

Contractor:	Heath & Sherwood	Youn	g-Davidson M	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	<u>Sc</u>	aled Diamond	I Drill Log	Col	lar Azimuth:	331.5
Hole Completed:	16-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 119966	4 Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

th :				L	ithology		1	Struc	ture			Sa	ampling					Survey	s
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
160	153.08	161.18	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a mottled appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has moderate pervassive to no magnetic susceptability.	161.18	60	contact	28573 28574	159 160.5	160.5 161 18	1.5 0.68	52 93		2.5 2.5			
	161.18	164 82	Diabase (5)	Undifferentiated		Unit is generally, dark grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and				28575	161.18		1.82	6		0			
165						pervassive magnetic susceptability.	164.82	70	contact	28576	163	164.82	1.82	15		0			
										28577	164.82	166.5	1.68	34		0			
										28578	166.5	168	1.5	21		0			
10-																			
						Unit is generally, very dark grey with a				28579	172	173.5	1.5	12		0			
175-	164.82	189.38	Keewatin Metavolcanic	Ultramafic Metavolcanic		blotchy appearance. It is very fine grained with a stockwork texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has strong													
-			Rocks (4)	, we		and pervassive magnetic susceptability. Furthermore, strong talc-carb stringer alteration stockwork with occasional 1cm euhedral py xts.													
-							Į										ĺ		
-										28580	178	179.5	1.5	15		0.01			ļ
180 -		l																	
-																			
-																			
185-						7 of 8													

Contractor:	Heath & Sherwood	<u>Youn</u>	g-Davidson Mi	ines, Limited		Drill Hole:	OK04-53
Hole Commenced:	13-Apr-04	Sc	caled Diamond	<u>l Drill Log</u>	Coll	ar Azimuth:	331.5
Hole Completed:	16-Apr-04		<u>OKA Proj</u>	ect		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Cairo	Claim Number:	1199662 1199664	Length:	212
Date Logged:	17-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres	Easting (NAD 27):	525778.5	Northing (NAD27):	5312226.8	Elevation:	348
DH Survey:	Single Shot Flexit	Grid Easting:	1450	Grid Northing:	774	Casing:	no casing

Ę								Struc	ture	[Sa	ampling					Survey	's
Depth	From		Major Litho	Rock Type	Sublithology		Depth	Angle tca	Туре	Sample No	From	To	Width	FA-Geo (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
	164 82	189.38	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		Unit is generally, very dark grey with a blotchy appearance. It is very fine grained with a stockwork texture. It has a strong but spotty Fe-carbonate alteration. In addition the unit has strong and pervassive magnetic susceptability.				28581	186.5	188.13	1.63	7		0.01			
190-			Keewatin			Furthermore, strong taic-carb stringer alteration stockwork with occasional 1cm euhedral py xls. Unit is generally, medium grey-brown with	189 38	40	contact	28582	188.13	189.38	1.25	22		0.01			
	189.38	190.76	Metavolcanic Rocks (4)	Mafic Dyke (undif.)		a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability.	190.76	50	contact	28583		190.76	1.38	14		0.01			
										28584	190.76	192.5	1.74	14		0.01			
						Unit is generally, medium grey with a blotchy appearance. It is very fine grained with a stockwork texture. It has a strong and pervasive Ca-carbonate				28585	192.5	194	1.5	71		0			
195	190.76	198.79	Keewatin Metavolcanic Rocks (4)	Ultramafic Metavolcanic		alteration. In addition the unit has moderate and spotty magnetic susceptability. Furthermore, weak to moderate talc-carb stringer alteration			1	28586	194	195.5	1.5	100		0			
						stockwork with occasional 1cm euhedral py xls.				28587	195.5	197	1.5	48		0			
							198,79	45	contact	28588	197	198.79	1.79	8		0.01			
200-						Unit is generally, medium green-grey with a uniform appearance. It is very fine	190.79	45	contact	28589	198.79	200	1.21	19		2.5			
- -	198.79	202.74	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		grained with a massive texture. It has a strong and pervasive Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, chloritic (sed?) with large eubedrai py xis.				28590	200	201.5	1.5	10		2.5			
						chionaic (seo?) with large edited at by xis.				28591	201.5		1.24	22		2.5			
-	202.74	206 43	Keewatin Metavolcanic	Mafic Metavolcanic		Unit is generally, medium grey with a uniform appearance. It is very fine grained with a mildly brecciated texture. It has a strong and pervasive				28592 28593	202.74 204	204	1.26	29 26	!	11	204.57	-41.11	326.2
205			Rocks (4)			Ca-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, 10-15% diss fine py.				28594	205	206.43	1.43	22		11			020.2
										28595	206.43	208	1.57	15		1.5			
210	206.43	212	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability.				28596	208	209.5	1.5	10		0.5			
	212	212				Furthermore, drill core stored by the Matachewan Consolidated Mine Nu 8bgf 3 Shart site													

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-54
Hole Commenced:	17-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	214.5
Hole Completed:	17-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell	Claim Number:	1223271	Length:	60
Date Logged:	18-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525144.6	Northing (NAD27):	5312274.4	Elevation:	360
DH Survey:	Single Shot Flexit	Grid Easting:	855	Grid Northing:	1105	Casing:	casing in hole

Ę				Lil	hology			Struc	ture			Sa	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	To	Width	, FA-Ge o (ppb)	FA-Grv (gr)	Py%	Depth	Dip	Az
										28597	0	2	2	764		1.5			
-										28598	2	3.68	1.68	408		1.5			
										28599	3.68	4.83	1.15	267		2.5			
5										28601	4.83	6	1.17	2120	2.11	1.5			
-										28602	6	7.71	1.71	409		1.5			
-										28603	7.71	9.27	1.56	169		1.5			
10										28604	9.27	10.92	1.65	2850	2.82	1.5			
· · ·			Keewatin			Unit is generally, medium green-grey with a uniform appearance. It is very fine grained				28605	10.92	13.08	2.16	339		15			
	0	37.61	Metavolcanic Rocks (4)	Mafic Metavolcanic		with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has moderate and spotty magnetic susceptability.				28606	13.08	14.5	1.42	1089	1.14	1.5			
15-										28607	14.5	16.07	1.57	1434	1.58	1.5			
										28608	16.07	18.2	2.13	1578	1.78	1.5	16.57	-45.89	227.1
-										28609	18.2	19.5	1.3	958		0.5			
20 —										28610	19.5	21	1.5	1476	1.36	0.5			
										28611	21	22.5	1.5	215		0.5			
· •										28612	22.5	24	1.5	588		0.5			
25										28613	24	25.5	1.5	4596	4.74	0.5			
						1 of 3			L	28614	25.5	27	1.5	573		0.5			

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Contractor:	Heath & Sherwood	Young-	Davidson M	<u>ines, Limited</u>		Drill Hole:	OK04-54
Hole Commenced:	17-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Colla	ar Azimuth:	214.5
Hole Completed:	17-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell	Claim Number:	1223271	Length:	60
Date Logged:	18-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres Ea	sting (NAD 27):	525144.6	Northing (NAD27):	5312274.4	Elevation:	360
DH Survey:	Single Shot Flexit	Grid Easting:	855	Grid Northing:	1105	Casing:	casing in hole

ŧ			·····	Li	ithology	· · · · · · · · · · · · · · · · · · ·		Struc	ture	_		Sa	ampling					Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb)	FA-Gr	Py%	Depth	Dip	Az
+ LEL - -	0	37.61	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a uniform appearance. It is very fine grained with a massive texture. It has a strong and pervasive Fe-carbonate alteration. In addition	28.13	20	contact	28614 28615	25.5 27	27 28.13	1.5 1.13	573 347		0.5 0.5			
30						The unit has moderate and spotty magnetic susceptability				28616	28.13	30	1.87	349		1.5			
										28617	30	31.5	1.5	428		1.5			
										28618	31.5	33	1.5	335		2.5			
-										28619	33	34.5	1.5	179		2.5	34 57	-45.88	228.1
35 —										28620	34.5	36	1.5	1221	1.1	2.5			
-										28621	36	37.61	1.61	311		2.5			
										28622	37.61	39	1.39	487		2.5			
40										28623	39 40.5	40.5	1.5	793 84		1.5 2.5			
										28625	40.5	42.81	0.81	58		2.5			
			Kanada			Unit is generally, medium green-grey with a mottled appearance. It is very fine grained with a crackled texture. It has a strong and				28626	42.81	44	1.19	107		2.5			
45	37.61	52.11	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weak to moderate hydrothermally fractured/shattered with pale green carb-epidote matrix to fractures.				28627 28628	44 45	45 46.5	1	34 52		2.5 2.5			
										28629	46.5	48	1.5	31		2.5			
										28630	48	49.5	1.5	50		2.5	49.57	-45.67	228.1
50 - -						Unit is generally, pale green-grey with a mothed appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate alteration. In addition				28631	49.5	51	1.5	43		2.5			
-	52.11	56.81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		the unit has no magnetic susceptability. Furthermore, moderate to strongly hydrothermally fractured/shattered with-pale green carb-epidote matrix to fractures. ² Of 3				28632 28633	51 52.11	52.11 54	1.11 1.89	38 50		2.5 3.5			

Contractor:	Heath & Sherwood	Young-	Davidson M	ines, Limited		Drill Hole:	OK04-54
Hole Commenced:	17-Apr-04	<u>Sca</u>	led Diamond	<u>I Drill Log</u>	Coll	ar Azimuth:	214.5
Hole Completed:	17-Apr-04		<u>OKA Proj</u>	<u>ect</u>		Collar Dip:	-45
Logged By:	L.D. Burden	Township:	Powell	Claim Number:	1223271	Length:	60
Date Logged:	18-Apr-04	NTS:	42P/15	UTM Zone:	17	Core Size:	BQ
Measurement:	metres E	asting (NAD 27):	525144.6	Northing (NAD27):	5312274.4	Elevation:	360
DH Survey:	Single Shot Flexit	Grid Easting:	855	Grid Northing:	1105	Casing:	casing in hole

ن چ				Li	ithology	· · · · · · · · · · · · · · · · · · ·		Struc	ture	1		Sa	ampling		·	T		Survey	/S
Depth	From	То	Major Litho	Rock Type	Sublithology	Description	Depth	Angle tca	Туре	Sample No	From	То	Width	FA-Ge o (ppb) 50	FA-Grv	Py%	Depth	Dip	Az
55	52.11	56 81	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, pale green-grey with a mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, moderate to strongly inydrothermally fractured/shattered with pale green carb-epidote matix to fractures.				28633 28634 28635	52.11 54 55.5	54 55.5 56.81	1.89 1.5 1.31	50 29 60		3.5 3.5 3.5			
	56.81	60 60	Keewatin Metavolcanic Rocks (4)	Mafic Metavolcanic		Unit is generally, medium green-grey with a mottled appearance. It is very fine grained with a crackled texture. It has a strong and pervasive Fe-carbonate alteration. In addition the unit has no magnetic susceptability. Furthermore, weak to moderate hydrothermally fractured/shattered with pale green carb-epidole matrix to fractures.				28636 28637	56.81 58.5	58.5 60	1.69	58 28		2.5 2.5			
						Furthermore, drill core stored by the Matachewan Consolidated Mine Number 3 Shaft site.													
65-																			
70															-				
75																			
						3 of 3											ł		

Young-Davidson Mines, Limited

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Appendix III

2004 OKA Project Diamond Drill Hole Assay Certificates

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*** Certificate of analysis ***

Date :	2004/04/30
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Laboratoire Expert Inc.

127, Boulevard Rouyn-Norand Canada, J9X 6	a, Québec P2				Page : 1 of 4
Client :	19) 762-7100, Fax : (819) 762-7510 Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2914 Your order number : Project : YD MATACHEWAN Total number of samples : 67	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28571	93	85			
28572	290				
28573	52				
28574	93			·	
28575	6				
28576	15				
28577	34				
28578	21				
28579	12				
28580	15				
28581	7				
28582	22				
28583	14	17			
28584	14				
28585	71				
28586	100				
28587	48				
28588	8				
28589	19				
28590	10				

Joe Landers Manager

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127, Boulevard Rouyn-Norand Canada, J9X 6 Telephone : (8)	a, Québec				Page : 2 of 4	
Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2914 Your order number : Project : YD MATACHEWAN Total number of samples : 67		
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28591	22					
28592	29					
28593	26					
28594	22					
28595	15	10				
28596	10					
28597	764					
28598	408					
28599	267					
28600	17					
28601	2120		2.11			
28602	409					
28603	169		2.82			
28604	2850 339		2.82			
28605	1089		1.14			
28606 28607	1434		1.14			
28607 28608	1434		1.38			
28608 28609	958		1.70			
28609 28610	1476		1.36			

Joe Landers, Manager

*** Certificate of analysis ***

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Date : 2004/04/30

Page : 3 of 4

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Laboratoire Expert Inc.

Client : Addressee :	Young-Davidson Mines Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Ltd Telephone Fax		Folder : 2914 Your order number : Project : YD MATACHEWAN	
Addressee :	21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7			Your order number :	
	Kirkland Lake Ontario P2N 3H7			Project : YD MATACHEWAN	
	P2N 3H7				
			: (705) 567-6873	Total number of samples : 67	
Designation	FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28611	215				
28612	588				
28613	4596		4.74		
28614	573				
28615	347				
28616	349				
28617	428				
28618	335				
28619	179	164			
28620	1221		1.10		
28621	311				
28622	487				
28623	793				
28624	84				
28625	58				
28626	107				
28627	34				
28628	52				
28629	31				
28630	50				

Jee Landers. Mananer

***	Ce	ertif	icate	of an	alysis ***	

Laboratoire	e Expert Inc.
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127, Boulevard Rouyn-Noranda Canada, J9X 68 Telephone : (81	a, Québec			Page : 4 of 4	
Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2914 Your order number : Project : YD MATACHEWAN Total number of samples : 67	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28631	43	36			
28632	38				
28633	50				
28634	29				
28635	60				
28636 28637	58 28				

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Joe Landers, Manager

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Laborato	ire Ex	pert Inc.
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127, Boulevard Industriel Rouy Cana Teler Clier

127, Boulevard Rouyn-Noranda Canada, J9X 6P	Page : 1 of 4			
	9) 762-7100, Fax : (819) 762-7510 Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2913 Your order number : Project : YD MATACHEWAN Total number of samples : 65
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28506	14	10		

	31	
	43	
	277	
	57	
	31	
16	21	
	19	
	21	
	201	
	612	
	256	
	217	
	1525	

1.65

Jue Landers. Manager

*** Certificate of analysis ***

Date :	- 20	004/	04/	30
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Page : 2 of 4

Laboratoire Expert Inc. 127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2

Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephon Fax	e : (705) 567-4511 : (705) 567-6873	Folder : 2913 Your order number : Project : YD MATACHEWAN Total number of samples : 65
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28526 28527 28528 28529	258 162 464 812			
28530 28531 28532	127 146 45	115		
28533 28534 28535 28536	129 89 62 58			
28537 28538 28539	34 143 134			
28540 28541 28542 28543	36 34 19 9	12		
28544 28545	12 15			

Jue Landers. Manager

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Folder

Project

: (705) 567-4511

: (705) 567-6873

Your order number

Total number of samples :

l abor	atoire	Expert	Inc
Labur	atone	Lybeir	IIIC.

Addressee : Kirnova Corporation

P.O. Box 186

Kirkland Lake

21, Goodfish Road

Page	: 3

YD MATACHEWAN

65

: 2913

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Onta	ario 1 3H7	Telephone Fax	: (705) : (705)
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03
28546	14		
28547	7		
28548	10		
28549	9		
28550	14		
28551	9		
28552	62		
28553	95		
28554	29	26	
28555	64		
28556	21		
28557	110		
28558	535		
28559	108		
28560	335		
28561	103		
28562	72		
28563	15		
28564	71		
28565	53		

Jee Landers, Manager

Laboratoire	Expert	Inc.
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127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-

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Canada, J9X 6 Telephone : (81	P2 19) 762-7100, Fax : (819) 762-7510				1
Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2913 Your order number : Project : YD MATACHEWAN Total number of samples : 65	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28566	67	62			
28567	430				
28568	150				

Joe Landers, Manager

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			*** Certifi	<u>cate of analysi</u>	S ***	
Labora	toire Expert Inc.					Date : 2004/04/26
127, Boulevard Rouyn-Noranda Canada, J9X 6 Telephone : (8	a, Québec					Page : 1 of 4
Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder Your order number Project Total number of san	2821 : : YD MATACHEWAN mples : 80	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28426	179	165				
28427	79					
28428	. 89					
28429	83					
28430	45					
28431	43					
28432	95					
28433	26					
28434	33					
28435 28436	124 43					
28436 28437	509					
28437	69	53				
28439	64					
28440	36					
28441	43					
28442	746					
28443	107					
28444	375					
28445	783				•	

Joe Landers, Manager

Labora	toire Expert Inc.	Date : 2004/04/26			
127, Boulevard Rouyn-Noranda Canada, J9X 6 Telephone : (81	a, Québec				Page : 2 of 4
Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	e : (705) 567-4511 : (705) 567-6873	Folder 2821 Your order number : Project : YD MATACHEWAN Total number of samples : 80	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28446 28447	604 22				
28448 28449 28450	24 171 10	12			
28451 28452 28453	34 17 21				
28454 28455	77 98				
28456 28457 28458	17 28 151				
28459 28460	322 86				
28461 28462 28463	89 67 33	83			
28464 28465	22 378				

Joe Landers, Manager

*** Contificate of analysis ***

Date :	2004/04/26
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Page : 3 of 4

Laboratoire Expert Inc. 127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telenbone : (819) 762-7100. Eax : (819) 762-7510

Canada, J9X 6 Telephone : (8	P2 19) 762-7100, Fax : (819) 762-7510					· · · · · · · · · · · · · · · · · · ·
Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephon Fax	e : (705) 567-4511 : (705) 567-6873	Your order number :	2821 YD MATACHEWAN	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28466 28467 28468 28469 28470 28471 28472 28473 28474 28475 28476 28477 28478 28479 28480 28481 28482 28481 28482	210 77 91 112 105 138 643 119 138 112 568 88 127 1106 191 81 81 81 74 268 181	107	1.17		·	

Joe Landers, Manager

Labora	toire Expert Inc.		<u>Certifi</u>	cate of analysis ***		Date : 2004/04/26
127, Boulevard Rouyn-Norand Canada, J9X 6 Telephone : (8	a, Québec					Page : 4 of 4
Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 28 Your order number : Project : Y[Total number of samples :	21 D MATACHEWAN 80	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28486	372	390				
28487	98					
28488	165					
28489	275					
28490	299					
28491	850					
28492	225					
28493	1554		1.51			
28494	471					
28495	29					
28496	495					
28497	126				•	
28498	119	112				
28499	74					
28500	14					
28501	74					
28502	203					
28503	24					
28504 28505	15 22					

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Joe Landers, Manager

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Date	:	2004/04/23
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127, Boulevard Industriel Rouyn-Noranda, Québec

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Laboratoire Expert Inc.

Canada, J9X (
Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2786 Your order number : Project : YD MATACHEWAN Total number of samples : 82
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28344	12	10		
28345	5			
28346	17			
28347	8			
28348	22			
28349	12			
28350	2			
28351	3			
28352	28			
28353	15			
28354	14			
28355	26			
28356	19	19		
28357	9			
28358	17			
28359	41			
28360	139			
28361	114			

Joe Lantiers, Manager

Date : 2004/04/23
Page : 2 of 5
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NIL		
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Joe Landers	, Manager	

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Date : 2004/04/23

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 7

Client :	19) 762-7100, Fax : (819) 762-7510 Young-Davidson Mines	Ltd		
Short :	Toung-Duvidson mines	Liu		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2786 Your order number : Project : YD MATACHEWAN Total number of samples : 82
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28384 28385 28386 28387 28388 28389	26 255 58 77 144 26			·
28390 28391 28392 28393 28394	10 261 95 205 19	107		
28395 28396 28397 28398 28399	14 263 40 58 24			
28400 28401 28402 28403	2 9 7 3221		3.46	

Joe Landers, Manager in

Laboratoire	Expert	Inc.
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127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone : (705) 567-4511 Fax : (705) 567-6873		Folder : 2786 Your order number : : Project : YD MATACHEWAN Total number of samples : 82
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28404 28405 28406 28407 28408 28409 28410 28411 28412 28413 28414	29 17 34 21 1252 55 165 93 88 100 120	33	1.37	
28415 28416 28417 28418 28419	2157 1289 50 153 518		2.37 1.34	
28420 28421 28422 28423	1268 222 112 31		1.37	

Joe Landers, Manager

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***	Certificate	of analy	ysis ***

Laboratoire Expert Inc

127, Boulevard Rouyn-Noranda Canada, J9X 6 Telephone : (81	a, Québec				Page : 5 of 5
Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2786 Your order number : Project : YD MATACHEWAN Total number of samples : 82	
Designation 28424 28425	Au FA-GEO ppb 2 58 28	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	- -	

Jøe Landers, Manager

Labara	taira Export Ina		<u>*** Certifi</u>	cate of analysis ***	Date : 2004/04/23
	toire Expert Inc.				
127, Boulevard Rouyn-Noranda	a, Québec				Page : 1 of 4
Canada, J9X 6	P2 19) 762-7100, Fax : (819) 762-7510				
Client :	Young-Davidson Mines	Ltd			
	Toung Durndoon minoo				
Addressee :	Kirnova Corporation			Folder : 2785	
	21, Goodfish Road			Your order number :	
	P.O. Box 186 Kirkland Lake			Project : YD MATACHEWAN	
	Ontario	Telephone	: (705) 567-4511		
	P2N 3H7	Fax	: (705) 567-6873	Total number of samples : 80	
	Au FA-GEO ppb	Au-Dup FA-GEO	Au FA-GRAV g/t		
Designation	2	ррb 2	g/t 0.03		
28264	26	31			
28265	50				
28266	65				
28267	21				
28268	107				
28269	385				
28270	365				
28271	151				
28272	968				
28273	1280		1.37		
28274	101				
28275	377				
28276	679	731			
28277	258 427				
28278	427				
28279 28280	798				
28280	664				
28281	1264		1.30		
28282	929				
-0-05					

Joe Landers, Manager

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Laboratoire Expert Inc. 127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510					Date : 2004/04/23 Page : 2 of 4
Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2785 Your order number : Project : YD MATACHEWAN Total number of samples : * 80	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03		
28284	1011		1.10		
28285	603				
28286	869				
28287	397				
28288	81	86			
28289	442				
28290	74				
28291	28				
28292	65				
28293	722				
28294	31				
28295	41				
28296	29				
28297	817				
28298	160				
28299	88				
28300	10	6			
28301	45				
28302	134				
28303	57				

Joe Landers, Manager

*** Certificate of analysis ***

Labora	aboratoire Expert Inc.						Date : 20	Date : 2004/04/23	
Rouyn-Norand Canada, J9X 6	127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510						Page : 3 d	of 4	
Client :	Young-Davidson Mines	Ltd							
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telepho Fax	ne : (705) 567-4511 : (705) 567-6873	Folder Your order Project Total numb	: number ; : : :	2785 YD MATACH	EWAN		
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03						
28304 28305	311 50	-							
28306 28307 28308	19 31 17								
28309 28310 28311	9 31 67								
28312 28313 28314	43 64 100	46							
28315 28316	62 114								
28317 28318 28319	95 40 19								
28320 28321	96 95								
28322 28323	138 98								

Joe Landers, Manager

*** Cei	tificate	of ana	lysis ***

Laboratoire Expert Inc.

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Page : 4 of 4

127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Client :	Young-David	son Mines I	Ltd					
Addressee :	Kirnova Corp 21, Goodfish Roa P.O. Box 186 Kirkland Lake Ontario P2N 3H7	d	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder Your order number Project Total number of sam	:	2785 YD MATACHEWAN : 80	
Designation	FA	Au -GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03				
28324		206	221					
28325		41						
28326		50						
28327		19						
28328		17						
28329		19						
28330		139						
28331		43						
28332		60						
28333		45						
28334		24						
28335		12						
28336		139	125					
28337		550						
28338		464						
28339		98						
28340		14						
28341		101						
28342		65 8 (
28343		26						

Joe Landers, Manager

***	Ce	rtifi	cate	of ana	lysis	***

Laboratoire	Expert Inc.
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127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2756 Your order number : Project : YD MATACHEWAN Total number of samples : 104
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28160	7	10		
28161	2			
28162	3			
28163	21			
28164	40			
28165	52			
28166	24			
28167	19			
28168	21			
28169	10			
28170	22			
28171	10			
28172	10	12		
28173	<2			
28174	12			
28175	7			
28176	2			
28177	<2			
28178	7			
28179	24			

Joe Landers, Manager .

*** Certif	icate of	analysis	***

Date : 2004/04/19

Page : 2 of 6

Laboratoire Expert Inc. 127, Boulevard Industriel Rouyn-Noranda, Québec Canada, 19X 6P2

28182 45 28183 19 28184 229 244 28185 316 28186 52 28187 43 28188 43 28189 626 28191 131 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	Client :	Young-Davidson Mines	Ltd				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Addressee :	21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario			Your order number : Project : YD MATACHEWAN		
28181 40 28182 45 28183 19 28184 229 244 28185 316 28186 52 28187 43 28188 43 28189 626 28190 131 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	Designation	FA-GEO ppb	FA-GEO	FA-GRAV			
28181 40 28182 45 28183 19 28184 229 244 28185 316 28186 52 28187 43 28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28180	172					
28183 19 28184 229 244 28185 316 28186 52 28187 43 28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28181	40					
281842292442818531628186522818743281884328189626281901312819117528192482819313128194362819555281961072819745	28182	45					
28185 316 28186 52 28187 43 28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 90 28197 45	28183	19					
28186 52 28187 43 28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28184	229	244				
28187 43 28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28185	316					
28188 43 28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28186	52					
28189 626 28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 90 28197 45	28187	43					
28190 131 28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 28197 45	28188	43					
28191 175 28192 48 28193 131 28194 36 28195 55 28196 107 90 28197 45	28189	626					
28192 48 28193 131 28194 36 28195 55 28196 107 90 28197 45	28190	131					
28193 131 28194 36 28195 55 28196 107 90 28197 45	28191	175					
28194 36 28195 55 28196 107 90 28197 45	28192						
28195 55 28196 107 90 28197 45							
28196 107 90 28197 45 90	28194						
28197 45	28195	55					
	28196	107	90				
28198 15	28197	45					
	28198	15					

Loe Landers, Manager

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Date : 2004/04/19

Page : 3 of 6

Laboratoire Expert Inc. 127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder Your order number Project Total number of samp	2756 : : YD MATACHEWAN	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28200	3					
28201	46					
28202	89					
28203	67					
28204	57					
28205	69					
28206	69					
28207	31					
28208	117	109				
28209	53					
28210	89					
28211	58					
28212	58					
28213	58					
28214	93					
28215	136					
28216	31					
28217	101					
28218	14					
28219	38					

Joe Landers, Manager

Labora	toire Expert Inc.			cate of analysis	<u> </u>	Date : 2004/04/19
127, Boulevard Rouyn-Noranda Canada, J9X 6	l Industriel a, Québec				Page : 4 of 6	
Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder Your order number Project Total number of sam	: 2756 : : YD MATACHEWAN	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03			
28220	24	24				
28221	19					
28222	14					
28223	15					
28224	179					
28225	390					
28226	528					
28227	206					
28228	538					
28229	29					
28230	36					
28231	540	10.6				
28232	141	136				
28233	487					
28234	330					
28235	64					
28236	55					
28237	150					
28238 28239	120 96					

*** Certificate of analysis ***

Joe Landers, Manager

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***	Certi	ficate	of ana	alysis	***

Laboratoire	Expert	Inc.
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127, Boulevard Industriel Rouyn-Noranda, Québec Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510

Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telepho Fax	ne : (705) 567-4511 : (705) 567-6873	Folder : 2756 Your order number : Project : YD MATACHEWAN Total number of samples : 104
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	
28240	136			
28241	573			
28242	318			
28243	203			
28244	748	706		
28245	346			
28246	576			
28247	101			
28248	298			
28249	172			
28250	7			
28251	45			
28252	34			
28253	206			
28254	43		1.10	
28255	1150	808	1.10	
28256	822	808		
28257	786			
28258	507			
28259	74			

Goe Landers, Manager

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Canada, J9X 6P2 Telephone : (819) 762-7100, Fax : (819) 762-7510				
Client :	Young-Davidson Mines	Ltd		
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake			Folder : 2756 Your order number : Project : YD MATACHEWAN
	Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Total number of samples : 104
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRAV g/t 0.03	·
28260	57			
28261	41			
28262	21			
28263	122			

28263

Joe Landers, Manager مر ا

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127, Boulevard Rouyn-Norand Canada, J9X 6 Te <u>lep</u> hone : <u>(</u> 8	a, Québec				Page : 1 of 1
Client :	Young-Davidson Mines I	_td			
Addressee :	Kirnova Corporation 21, Goodfish Road P.O. Box 186 Kirkland Lake Ontario P2N 3H7	Telephone Fax	: (705) 567-4511 : (705) 567-6873	Folder : 2747 Your order number : Project : YD MATACHEWAN Total number of samples : 8	
Designation	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2			
28152 28153	239 169	264			
28154 28155	120 69				
28156 28157	212 127				
28158 28159	76 15				

Joe Landers, Manager 1

*** Certificate of analysis ***

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Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Tel.: (705) 567-4511			Folder : 2693 Your order number : Project : YD Matachewan		
	Canada P2N 3H7	Fax.: (705) 567	-6873	Number of samples:	75	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03		·	
Designation			=================	:		
8077	14 7	15				
8078	17					
8079 8080	29					
8080 8081	15					
8082	19					
8083	38					
8084	38					
8085	1020		1.10			
8086	26					
8087	15					
8088	21					
8089	24	21				
8090	31					
8091	84					
8092	72					
8093	308					
8094	138					
8095	124					
8096	67				•	
8097	15					
8098	10					
8099	21					
8100	3					
8101	17	19				
8102	72					

Foe Landers, Manager

*** Certificate of analysis ***

Date : 2004/04/14 Page : 2 of 3

Client :	Young-Davidson Mines I	.td				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2693 YD Matachewan 	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	ł		
Designation	2	2	.03			
8103	101					
8104	48					
8105	36					
8106	406					
8107	107					
8108	53					
8109	67					
8110	43					
8111	150					
8112	110					
8113	33	42				
8114	52					
8115	8					
8116	3					
8117	15					
8118	60					
8119	28					
8120	34					
8121	64					
8122	33					
8123	40					
8124	81					
8125	143	158				
8126	224					
8127	33					
8128	127					

Joe Landers, Manager

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Date : 2004/04/14 Page : 3 of 3

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder : Your order number : Project : Number of samples:	2693 YD Matachewan . 75	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	I		<u></u>
Designation						
8129	210					
8130	26					
8131	160					
8132	10					
8133	12					
8134	17					
8135	4 O					
8136	58					
8137	713	698				
8138	110					
8139	38					
8140	215					
8141	60					
8142	84					
8143	67				•	
8144	346					
8145	347					
8146	236					
8147	60					
8148	139					
8149	132	143				
8150	8					
8151	34					

Hoe Landers, Manager

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Date : 2004/04/15 Page : 1 of 3

Client :	Young-Davidson Mi	nes Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Tel.: (705) 567-4511 Canada P2N 3H7 Fax.: (705) 567-6873			Folder : 2692 Your order number : : Project : YD Matachew Number of samples: 70	
	Au FA-GEO ppb	ppb	Au FA-GRA g/t		
Designation	2	2	.03		
8007	10	8			
8008	64				
8009	157				
8010	296				
8011	310				
8012	126				
8013	158				
8014	93				
8015	132				
8016	144				
8017	43				
8018	69				
8019	33	29			
8020	65				
8021	93				
8022	91				
8023	366				
8024	1331		1.27		
8025	1044		1.10		
8026	373				
8027	425				
8028	475				
8029	186				
8030	224				
8031	2208		2.19		
8032	64				

Joe Landers, Manager

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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Client :	Young-Davidson Mines I	Ltđ			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Your order number :	2692 D Matachewan 70
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03		
Designation					
8033	126				
8034	1287		1.27		
8035	184				
8036	248				
8037	160				
8038	1221		1.37		
8039	236				
8040	60				
8041	36				•
8042	119				
8043	52	53			
8044	174				
8045	50				
8046	89				
8047	45				
8048	77				
8049	361				
8050	12				
8051	163				
8052	22				
8053	38 38				
8054		2.7			
8055	36 41	33			
8056	41 33				
8057	د د				

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doe Landers, Manager

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Date : 2004/04/15 Page : 3 of 3

Client :	: Young-Davidson Mines Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4 Fax.: (705) 567-4		Folder : Your order number : Project : Number of samples:	2692 YD Matachewan 70
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	•	
	2	2	.03		
Designation		********	*********		
8059	14				
8060	29				
8061	29				
8062	24				
8063	129 69				
8064 8065	334				
8066	279				•
8067	17	14			
8068	3				
8069	14				
8070	<2				
8071	<2				
8072	5				
8073	14				
8074	22				
8075	2				
8076	7				

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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Client :	Young-Davidso	n Mines I	Ltd				
Addressee :	Kirnova Corpo 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2		Tel.: Fax.:	(705) 567-4511 (705) 567-6873	Folder : Your order number : Project : Number of samples:	2661 YD Matachewan 75	
	<u></u>	Au	Α	u-Dup	I		
	FA	-GEO	F	A-GEO			
	F	opb		ppb			
Designation		2	_	2			
6432	====== 20			====== 189			
6433	4						
6434	65						
6435	8						
6436	6						
6437	55	50					
6438	73	88					
6439	8	3					
6440	13						
6441	13						
6442	2						
6443	8						
6444	21		:	196			
6445	21						
6446	28						
6447	8						
6448	16						
6449 (150	12						
6450 6451	5 9						
6451 6452	12						
6452 6453	12						
6453 6454	21						
6455	15						
6456	12			108			
6457	1.0						

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Client :	Young-Davidson Mines Ltd		
Addressee :	Kirnova Corporation 21 Goodfish Road		Folder : 2661 Your order number :
	P.O. Box 186		Project : YD Matachewan
	Kirkland Lake Ontario Tel.:	(705) 567-4511	
	Canada P2N 3H7 Fax.	(705) 567-6873	Number of samples: 75

	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2
Designation	*========	
16458	91	
16459	62	
16460	83	
16461	38	
16462	96	
16463	53	
16464	21	
16465	17	
16466	3	
16467	3	
16468	8	9
16469	12	
16470	8	
16471	40	
16472	34	
16473	17	
16474	40	
16475	858	
16476	203	
16477	260	
16478	91	
16479	41	
16480	74	62
16481	193	
16482	829	
16483	341	

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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28006

Client :	Young-Davidson Mines I	Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3117	Tel.: (705) 567-4511 Fax.: (705) 567-6873	Folder : 2661 Your order number : Project : YD Matachewan Number of samples: 75
		······································	
	Au	Au-Dup	
	FA-GEO ppb	FA-GEO ppb	
	2	2	
Designation			
6484	28		
6485	52		
6486	21		
6487	41		
6488	28		
6489	6		
6490	12		
6491	475		
6492	169	196	
6493	103		
6494	74		
6495	139		
6496	208		
6497	91		
6498	184		
6499	55		
6500	9		
8001	55		
8002	14		
8003	93		
8004	34	38	

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Client :	Young-Davidson Min	les Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 563		Folder : Your order number : Project : Number of samples:	2660 YD Matachewan 80
	Au	Au-Dup	Au	L	
	FA-GEO	FA-GEO	FA-GRA		
	ppb	ppb	g/t		
	2	2	.03		
Designation	============		========================		
6352	100	98			
6353	45				
6354	270				
6355	1949		2.06		
6356	74				
6357	60				
6358	406				
6359	456				
6360	34				
6361	509				
6362	67				
6363	45				
6364	52	53			
6365	8				
6366	136 86				
6367	346				
6368	346 160				
6369	160		1.34		
6370 6371	1132		1.34		
	1132		1.10		
6372 6373	564		1.3/		
6373	19				
	71				
6375 6376	43	48			
6376	43	40			

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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Client :	Young-Davidson Mines	Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873	Folder 2660 Your order number : Project Project YD Matachewan Number of samples: 80
	Au FA-GEO	Au-Dup Au FA-GEO FA-GRA	
	ppb 2	ppb g/t 2 .03	
Designation	===========	********* ***************************	=
6378	72		
6379	81		
6380	163		
6381	96		
6382	136		
6383	218		
6384	36		
6385	21 19		
6386	21		
6387	21	33	
6388 6389	40	66	
6390	101		
6390 6391	40		
6392	52		
6393	15		
6394	19		
6395	29		•
6396	41		
6397	34		
6398	29		
6399	50		
6400	62	51	
6401	53		
6402	239		

Joe Landers, Manager 1

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder : Your order number : Project : Number of samples:	2660 YD Matachewan 80	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03			<u> </u>
Designation			.05			
6404	89					
6405	52					
6406	67					
6407	64					
6408	117					
6409	45					
6410	67					
6411	45					
6412	29	36				
6413	53					
6414	72					
6415	119					
6416	122					
6417	60					
6418	89					
6419	64					
6420 (421	46					
6421	38					
6422	946					
6423	40 650	655				
6424 6425	43	660				
6425 (42)						
6426 (427	163					
6427 6428	153 24					
6428	24					

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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306

16430

Client :	Young-Da	avidson Mines	Ltd						
Addressee :	Kirnova (21 Goodfisi P.O. Box 1 Kirkland Li Ontario	86	Tel.:	(705) 567	4511	Folder Your order numb Project		2660 . YD Matachewan	
	Canada	P2N 3H7	Fax.:	(705) 567		Number of sampl	les:	80	
		Au FA-GEO ppb 2	FA	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03				
esignation	=		====	*=*****					

toe Landers, Manager

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Date : 2004/04/13 Page : l of 4

Client :	Young-Davidson Min	es Ltd			· ·	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2659 YD Matachewan 80	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	L		
~	2	2	.03			
Designation		5				
6272 6273	3	C				
627 <i>3</i> 6274	2 14					
6274 6275	14					
6275 6276	<2					
6277	2					
6278	3					
6279	21					
6280	40					
6281	5					
6282	182					
6283	57					
6284	107	116				
6285	138					
6286	19					
6287	10					
6288	24					
6289	17					
6290	14					
6291	21					
6292	19					
6293	34					
6294	41					
6295	243					
6296	26	22				
6297	22					

, We Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510 Date : 2004/04/13 Page : 2 of 4

Client :	Young-Davidson Mines I	_td				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake			Folder : Your order number : Project :	2659 YD Matachewan	
	Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Number of samples:	80	
<u></u>	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03			
esignation			=======================================			
6298	33					
6299	17					
6300	10					
6301	26					
6302	36					
6303	17					
6304	41					
6305	26					
6306	74					
6307	31					
6308	21	19				
6309	15					
6310	10					
6311	31					
6312	38					
6313	26					
6314	86					
6315	112					
6316	48					
6317	74					
6318	50					
6319	17					
6320	69	79				
6321	89					
6322	72					
6323	21					

Joe Landers, Manager

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Date	:	2004/04/13
Page	:	3 of 4

Client :	Young-Davidson Mines	Ltđ			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3117	Tel.: (705) 567 Fax.: (705) 567		Folder : 2659 Your order number : Project : YD Matachev Number of samples: 80	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	I	
Designation	2	2	.03		
6324	26				
16325	38				
6326	38				
6327	232				
6328	57				
6329	17				
6330	26				
6331	38				
6332	89	94			
6333	19				
6334	8				
16335	65				
6336	33				
6337	52				
6338	31				
6339	22				
6340	119		_		
6341	996		1.03		
6342	93				
6343	100				
6344	181	205			
6345	1113		1.10		
6346	511				
16347	310				
16348	934				
16349	158				

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

16350 16351 5

Client :	Young-	Davidson Mines	Ltd					
Addressee :	Kirnova 21 Goodf P.O. Box Kirkland Ontario	186	Ť-L	(705) 5(7)	4511	Folder : Your order number : Project :	2659 YD Matachewan	
	Canada	P2N 3H7	Tel.: Fax.:	(705) 567 (705) 567		Number of samples:	80	
		Au FA-GEO ppb 2	Fz	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03			
esignation			====	======	=========			

Joe Landers, Manager

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Date : 2004/04/13 Page : l of 4

Client :	Young-Davidson Mines I	_td				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4 Fax.: (705) 567-6		Folder : 2620 Your order number : Project : YD Matachewan Number of samples: 81		
·····	······································					
	Au FA-GEO	Au-Dup	Au FA-GRA			
	FA-GEO ppb	FA-GEO ppb	FA-GRA g/t			
	рро 2	2	.03			
Designation						
6191	120	107			•	
6192	1663		1.58			
6193	284					
6194	1809		1.92			
6195	373					
6196	1920		2.09			
6197	370					
6198	96					
6199	103					
6200	10					
6201	69					
6202	359					
6203	151	138				
6204	124					
6205	28					
6206	45					
6207	120					
6208	172					
6209	77					
6210	55					
6211	15					
6212	12					
6213	22					
6214	17					
6215	61	55				
6216	41					

Joe Landers, Manager

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Date : 2004/04/13 Page : 2 of 4

Client :	Young-Davidson Mine	es Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2620 YD Matachewan 81	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	L		
Designation			.U. ============			
6217	45					
6218	630					
6219	12					
6220	28					
6221	425					
6222	150					
6223	41					
6224	21					
6225	17					
6226	15					
6227	14	18				
6228	24					
6229	12					
6230	28					
6231	19					
6232	17					
6233	26					
6234	114					
6235	179					
6236	22					
6237	40					
6238	43				•	
6239	31	24				
6240	14					
6241	12					
6242	29					

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6243 6244 6245 6246	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3117 Au	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project :	2620 YD Matachewan	
6243 6244 6245 6246		Fax.: (705) 567	(07)	Number of samples:	81	
6244 6245 6246	Au		-6873	Number of samples. 81	<u></u>	
16243 16244 16245 16246	FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03			
16243 16244 16245 16246 16247			============			
16245 16246	17					
16246	7					
	3 7					
10247	5					
6248	3					
16248	10					
16250	5					
16251	12	8				
16252	10					
16253	12					
16254	10					
16255	34					
6256	17					
16257	7					
16258	26					
16259	15					
16260	21					
16261	12					
6262	26					
6263	44	43				
6264	187					
6265	46					
16266	71					
16267 16268	117					

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

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16270

······································		·····						
Addressee :	Kirnova Corpora 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	tion Tel.:	(705) 567-	4511	Folder Your order num Project		2620 YD Matachewan	
		3H7 Fax.:	(705) 567-		Number of sam	ples:	81	
	Au FA-G ppl 2	EO	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03				
esignation 5269	=======================================		*******					

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/04/13 1 of 5 Page :

Client :	Young-Davidson Mine	s Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario		Folder : 2619 Your order number : Project : YD Matachewan
	Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873	Number of samples: 111
	Canada P2N 3H7	rax.: (/U3)367-6873	
	Au	Au-Dup Au	
	FA-GEO	FA-GEO FA-GR	4
	ppb 2	ppb g/t 2 .03	
Designation	4		===
6080	33	40	
6081	1691	1.61	
6082	1598	1.47	
6083	789		
6084	1304	1.41	
6085	788		
6086	1004	1.06	
6087	882		
6088	201		
6089	69		
6090	34		
6091	8		
6092	8	10	
6093	22		
6094	5		
6095	10		
6096	26		
6097	912		
6098	96		
6099	29		
6100	7		
6101	21		
6102	28		
6103	45		
6104	15	16	

Joe Landers, Manager

<u>*</u>** Certificate of analysis ***

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Date 2004/04/13 : 2 of 5 Page :

Client :	Young-Davidson Min	es Ltd				
Addressee	Kirnova Corporation 21 Goodfish Road	<u></u>		Folder : 2619 Your order number :		
	P.O. Box 186			Project : YD Matachewan		
	Kirkland Lake					
	Ontario	Tel.:	(705) 567-4511	· · · · · · · · · · · · · · · · · · ·		
	Canada P2N 3H7	Fax.:	(705) 567-6873	Number of samples: 111		

	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03
Designation			===========
16106	17		
16107	10		
16108	7		
16109	31		
16110	22		
16111	19		
16112	38		
16113	8		
16114	13		
16115	15		
16116	10	7	
16117	8		
16118	58		
16119	15		
16120	31		
16121	17		
16122	22		
16123	10		
16124	8		
16125	12		
16126	12		
16127	7		
16128	14	11	
16129	225		
16130	71		
16131	21		

*** Certificate of analysis ***

Date : 2004/04/13 Page : 3 of 5

Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project :	2619 YD Matachewan
		run (105) 501		Number of samples:	111
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t		
Designation	2	2	.03		
6132	=======================================				
6133	7				
6134	7				
6135	8				
6136	10				
6137	9				
6138	12				
6139	46				
6140	43	40			
6141	353				
6142	60				
6143	58				
6144	404				
6145	31				
6146	12				
6147	34				
6148	270				
6149	21				
6150	10				
6151	15				
6152	10	8			-
6153	8				
6154	15				
6155	21				
6156 6157	14 24				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/04/13 Page : 4 of 5

Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2619 YD Matachewan 111
	Au	Au-Dup	Au		
	FA-GEO	FA-GEO	FA-GRA		
	ppb	ppb 2	g/t .03		
Designation	2	<i>2</i> === = = = =====	.03	1	
6158	12				
6159	143				
6160	222				
6161	14				
6162	26				
6163	19				
6164	14	10			
6165	14				
6166	12				
6167	19				
6168	22				
6169	14				
6170	18				
6171	15				
6172	28				
6173	21				
6174	14				
6175	22				
6176	15	24			
6177	15				
6178	14				
6179	22				
6180	24 28				
6181	28 1954		2.16		
6182 6183	83		2.10		

Joe Landers, Manager

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Date 2004/04/13 : 5 of 5 Page :

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

16190

19

Client :	Young-D	avidson Mines I	Ltd				
Addressee :	21 Goodfis P.O. Box 1 Kirkland L	86				Folder : Your order number : Project :	2619 YD Matachewan
	Ontario Canada	P2N 3H7	Tel.: Fax.:	(705) 567 (705) 567		Number of samples:	111
		Au FA-GEO ppb 2		u-Dup A-GEO ppb 2	Au FA-GRA g/t .03		
Designation	=	=======	====				
6184		46					
6185		57					
6186		36					
6187		50					
6188		45		36			
6189		43					

Joe Landers, Manager

*** Certificate of analysis ***

Date 2004/04/06 : 1 of 3 : Page

Client :	Young-Davidson Mines I	Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-4511	Folder : 2581 Your order number : Project : YD Matachewan
	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 75
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	
	2	2	
Designation 6005	36	4 0	
6006	26	40	
6006	43		
6008	107		
6009	84		
6010	76		
6011	69		
6012	76		
6013	84		
6014	65		
6015	46		
6016	34		
6017	14	14	
6018	1.8		-
6019	10		
6020	19		
6021	28		
6022	9		
6023	9		
6024	67		
6025	5		
6026	15		
6027	17		
6028	10		
6029	17	16	
6030	15		

Joe Landers, Manager

*** Certificate of analysis ***

Date 2004/04/06 : 2 of 3 Page :

Client :	Young-Davidson Mines I	Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-4511	Folder : 2581 Your order number : Project : YD Matachewan
	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 75
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	
Designation	2 ==== == =====	2	
6031	21		
6032	48		
6033	201		
6034	134		
6035	33		
6036	24		
6037	15		
6038	52		
6039	60		
6040	22		
6041	22	17	
6042	129		
6043	162		
6044	138		
6045	62		
6046	50		
6047	36		
6048	41		
6049	83		
6050	17		
6051	4 0		
6052	46		
6053	26	22	
6054	76		
6055	38		
6056	28		

Jechu Joe Landers, Manager

*** Certificate of analysis ***

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Date 2004/04/06 : 3 of 3 Page ;

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines Ltd		
Addressee :	Kirnova Corporation 21 Goodfish Road		Folder : 2581 Your order number :
	P.O. Box 186 Kirkland Lake Ontario Tel.	(705) 567-4511	Project : YD Matachewan
	Canada P2N 3H7 Fax		Number of samples: 75

Designation		Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2
160581241605979160604116061241606229160632616064545160655048160664816067241606828160701416071151607222160734816075191607617160771218160785			
16059 79 16060 41 16061 24 16062 29 16063 26 16064 545 16065 50 48 16066 48 16067 24 16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5			
16060 41 16061 24 16062 29 16063 26 16064 545 16065 50 48 16066 48 16067 24 16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16058		
16061 24 16062 29 16063 26 16064 545 16065 50 48 16066 48 16067 24 16068 28 16070 14 16071 15 16072 22 16073 48 16075 19 16076 17 16077 12 18 16078 5	16059	79	
16062 29 16063 26 16064 545 16065 50 48 16066 48 48 16067 24 48 16068 28 48 16070 14 48 16071 15 48 16072 22 48 16073 48 48 16075 19 16076 17 16077 12 18 16078 5 5	16060	41	
16063 26 16064 545 16065 50 48 16066 48 10066 16067 24 10068 16068 28 10069 16070 14 10070 16071 15 10072 16072 22 10073 16073 48 10075 16075 19 16076 16076 17 18 16078 5 18	16061	24	
1606454516065504816066484816067244816068284816070144816071154816073484816075191916076171816078518	16062	29	
16065 50 48 16066 48 16067 24 16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16075 19 16076 17 16077 12 18 16078 5	16063	26	
16066 48 16067 24 16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16075 19 16076 17 16077 12 18 16078 5	16064	545	
16067 24 16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16075 19 16076 17 16077 12 18 16078 5	16065	50	48
16068 28 16069 14 16070 14 16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16066	48	
16069 14 16070 14 16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16067	24	
16070 14 16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16068	28	
16071 15 16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16069	14	
16072 22 16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16070	14	
16073 48 16074 14 16075 19 16076 17 16077 12 18 16078 5	16071	15	
16074 14 16075 19 16076 17 16077 12 18 16078 5	16072	22	
16075 1.9 16076 17 16077 12 18 16078 5	16073	4.8	
16076 17 16077 12 18 16078 5	16074	14	
16077 12 18 16078 5 5	16075	1.9	
16078 ⁵	16076	17	
	16077	12	18
16079 7	16078	5	
	16079	7	

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	roung-D	avidson Mines	LIU					
Addressee :	21 Goodfi P.O. Box Kirkland I Ontario	186 Lake	Tel.:	(705) 567-		Folder : 2580 Your order number : Project : YD Matachewan		
	Canada	P2N 3H7	Fax.:	(705) 567-	6873	Number of samples:	80	
		Au FA-GEO ppb 2	FA	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03			
esignation				=======				
5925		17 8	:	24				
5926 5927		8 21						
5927 5928		5						
5928 5929		36						
5930		17					•	
5931		29						
5932		48						
5933		28						
5934		24						
5935		9						
5936		57						
5937		33	:	38				
5938		28						
5939		48						
5940		36						
5941		76						
5942		24						
5943		77						
5944		62						
5945		45						
5946		323						
5947		624						
5948		640						

 15949
 38

 15950
 12

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3117	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2580 YD Matachewan 80	
		·····				
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t			
	2	2	.03			
Designation	=======================================	==========				
5951	28					
5952 5953	277 225					
	60				L.	
5954 5955	4078		3.98			
5955 5956	4078		3.90			
5950 5957	89					
5958	26					
5958 5959	71					
5960	76					
5961	65	75				
5962	344					
5963	239					
5964	347					
5965	320					
5966	129					
5967	420					
5968	781					
5969	710					
5970	788					
5971	492					
5972	822					
5973	346	352				
5974	366					
5975	810					
5976	1184		1.20			

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/04/07 Page : 3 of 4

Client :	Young-Davidson Mines Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-	Folder : 2580 Your order number : Project : YD Matachewan		
	Canada P2N 3H7	Fax.: (705) 567-		Number of samples:	80
Designation 5977 5978 5979 5980 5981 5982 5983 5984	Au FA-GEO ppb 2 =================================	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03 ===================================		
5985 5986 5987 5988 5989 5990 5991 5992	98 33 29 21 50 14 36 40	83			
5992 5993 5994 5995 5996 5997 5998 5999	40 22 157 151 101 83 41 98	74			
6000 6001 6002	22 101 52				

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines Ltd					
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Tel.: (705) 567-451		-4511	Folder : 2580 Your order number : Project : YD Matachewan		
	Canada P2N 3H7	Fax.: (705) 567-687.		Number of samples:	80	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03		· · · · · · · · · · · · · · · · · · ·	
Designation	~ ~% * ** *******					
6003	28					
6004	71					

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/04/07 Page : 1 of 4

Client :	Young-Davidson	Mines Ltd					
Addressee :	Kirnova Corpora 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	ation Tel.:	(705) 567	-4511	Folder : Your order number : Project :	2579 YD Matachewan	
		N 3H7 Fax.:	(705) 567		Number of samples:	80	
Designation	AA FA-C pp 2	GEO FA	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03			•
Designation 5845	====== 52		= === == 62	==========			
5845 5846	22		02				
5847	34						
5848	29						
5849	28						
5850	3						
5851	43						
5852	38						
5853	22						
5854	6						
5855	10						
5856	10						
5857	28		31				
5858	53						
5859	22						
5860	17						
5861	10						
5862	9						
5863	21						
5864	28						•
5865	19						
5866	34						
5867	77						
5868	36						
5869	83		80				
5870	107						

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines I	Ltđ			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567	-4511	Folder : Your order number : Project :	2579 YD Matachewan
	Canada P2N 3H7	Fax.: (705) 567		Number of samples:	80
Designation 5871 5872 5873 5874 5875 5876 5877 5878 5879 5880	Au FA-GEO ppb 2 =================================	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	<u></u>	
5881 5882 5883 5884 5885 5886	6 45 17 12 10 14	8			
5887 5888 5889 5890 5891 5892	18 5812 146 40 62 33		5.79		·
55893 5894 5895 5896	24 48 50 36	31			

Joe Landers, Manager

******* Certificate of analysis ***

Date : 2004/04/07 Page : 3 of 4

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-451 Fax.: (705) 567-687		Folder : Your order number : Project : Number of samples:	2579 YD Matachewan	
		······································				
	Au Et GEO	Au-Dup FA-GEO	Au FA-GRA			
	FA-GEO ppb	ppb	rA-GKA g/t			
	2	2	.03			
Designation						
15897	24					
15898	69					
15899	53					
5900	8					
5901	38					
15902	260					
5903	57					
15904	21					
5905	22	21				
5906	46					
5907	24					
5908	22					
5909	112					
5910	65					
5911	280					•
5912	100					
5913	21					
5914	19					
5915	33					
5916	26					
5917	21	19				
5918	34					
5919	150					
5920	36					
5921	29					
5922	26					

Joe Landers, Manager

*** Certificate of analysis ***

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

21

21

15923

15924

Client :	Young-Dav	idson Mines	Ltd						
Addressee :	Kirnova Co 21 Goodfish F P.O. Box 186 Kirkland Lake	Road				Folder Your order nun Project	: nber : :	2579 YD Matachewan	
	Ontario Canada	P2N 3H7	Tel.: Fax.:	(705) 567 (705) 567		Number of sam	nples:	80	
Designation	==	Au FA-GEO ppb 2	FA	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/30 Page : 1 of 3

Client :	Young-Davidson Mines	s Ltd			,
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Your order number :	2513 YD Matachewan 74
	Au FA-GEO	Au-Dup FA-GEO	Au FA-GRA	L	· · · · · · · · · · · · · · · · · · ·
	ppb	ppb	g/t		
N	2	2	.03		
Designation 5771	==== == ==== 26	36			
5772	4.8				
.5773	255				
5774	124				
5775	4.8				
5776	74				
5777	184				
5778	139				
5779	210				
5780	341				
5781	432				
5782	2236		2.23		
5783	1448		1,61		
5784	547				
5785	108				
5786	120				
5787	71				
5788	134				
5789	52				
5790	21				
5791	21				
5792	40				
5793	53				
5794	98				
5795	31	38			
5796	83				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/30 Page : 2 of 3

Client :	Young-Davidson Mines I	Ltđ				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Your order number :	13 9 Matachewan 74	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	L <u></u>		
Vacionation	2	2	.03			
Designation 5797	1646		1.78			
5798	2556		2.64			
5799	1164		1.27			
5800	22		/			
5801	332					
5802	236					
5803	241					
5804	126					
5805	349					
5806	432					
5807	258	261				
5808	230					
5809	167					
5810	120					
5811	93					
5812	153					
5813	172					
5814	267					
5815	721					
5816	162					
5817	268					
5818	402					
5819	55	46				
5820	882					
5821	547					
5822	310					

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/30 Page : 3 of 3

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder : 2513 Your order number : : Project : YD Matachewan Number of samples: 74		
	Au	Au-Dup	Au	·		
	FA-GEO	FA-GEO	FA-GRA			
	ppb	ppb	g/t			
-	2	2	.03			
Designation 15823	======================================		======================================			
15823	435		7.13			
15825	404					
15826	33					
15827	552					
5828	1591		1.65		•	
5829	101					
5830	329					
5831	277	242				
5832	1675		1.85			
5833	932					
15834	743					
5835	461					
5836	516					
5837	571					
5838	<2					
5839	<2					
5840	<2					
5841	<2					
5842	12					
5843	15	15				
5844	10					

Joe Landers, Manager

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127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Г

Client :	Young-Davidson Mines	s Ltd		
Addressee :	Kirnova Corporation 21 Goodfish Road			Folder : 2512 Your order number :
	P.O. Box 186 Kirkland Lake			Project : YD Matachewan
	Ontario Canada P2N 3H7	Tel.: Fax.:	(705) 567-4511 (705) 567-6873	Number of samples: 74

Au

	Au	Autoup	714
	FA-GEO	FA-GEO	FA-GRA
	ppb	ppb	g/t
	2	2	.03
Designation			
15697	36	34	
15698	28		
15699	48		
15700	5		
15701	48		
15702	29		
15703	28		
15704	17		
15705	52		
15706	225		
15707	38		
15708	22		
15709	40	36	
15710	40		
15711	46		
15712	52		
15713	29		
15714	40		
15715	103		
15716	45		
15717	43		
15718	8		
15719	12		
15720	52		
15721	9	13	
15722	10		

Au

Au-Dup

He Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/30 Page : 2 of 3

Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder : 2512 Your order number : : Project : YD Matachewan Number of samples: 74	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t		
.	2	2	.03		
Designation 5723	========== 9	==========			
5723 5724	55				
5725	24				
5725 5726	28				
5727	14				
5728	288				
5729	50				
5730	43				
5731	139				
5732	225				
5733	24	29			
5734	24				
5735	40				
5736	28				
5737	260				
5738	587				
5739	84				
5740	29				
5741	46				
5742	151				
5743	1804		1.89		
5744	22				
5745	36	46			
5746	36				
5747	24				
5748	12				

/Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/30 Page : 3 of 3

Client :	Young-Davidson Mines I	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2512 YD Matachewan 74	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	L		
Designation						
5749	15					
5750	10					
5751	14					
5752	12					
5753	В					
5754	33					
5755	21					
5756	69					
5757	12	12				
5758	12					
5759	31 55					
5760	43					
5761 5762	43					
5762 5763	5					
5763 5764	5 29					
5764 5765	89					
5766 5766	41					
5767	40					
5768	21					
5769	15	21				
.7 / U7						

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/29 Page : 1 of 5

Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873		Folder : Your order number : Project : Number of samples:	2460 YD Matachewan 117
. <u></u>					
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03		·
Designation			.05		
5558	51	46			
5559	95				
5560	21				
5561	12				
5562	34				
5563	55				
5564	12				
5565	14				
5566	14				
5567	10				
5568	17				
5569	10				
5570	9	10			
5571	53				
5572	71				
5573	17				
5574	7				
5575	9				
5576	7				
5577	5				
5578	2				
5579	3				
5580	7				
5581	7				
5582	2	3			
5583	7				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/29 Page : 2 of 5

Client :	Young-Davi	dson Mines I	Ltd						
Addressee :	Kirnova Co 21 Goodfish R P.O. Box 186 Kirkland Lake Ontario Canada	Load		(705) 567 (705) 567		Folder Your order num Project Number of sam	1 ber : : Y	2460 D Matachewan	
		Au	Au-E		Au	- <u>l</u>			
		FA-GEO	FA-G		FA-GRA				
		ppb	ppl		g/t				
		2	2		.03				
Designation	===				*********				
5584		7							
5585		3							
5586		3							
5587		2							
5588		2							
5589 5500		<2 3							
5590 5591		2							
5592		2							
5593		<2							
5594		17	15						
5595		10							
5596		21							
5597		10							
5598		28							
5599		122							
5600		3							
5601		74							
5602		14							
5603		14							
5604		17							
5605		10							
5606		22	27						
5607		15							
5608 5609		200							
		15							

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/29 Page : 3 of 5

Client :	Young-Davidson Mines	Ltd	i		
Addressee	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-		Folder : 2460 Your order number : Project Project : YD Matachewan Number of samples: 117	
	Canada P2N 3117	Fax.: (705) 567-	-68/3	Number of samples: 117	
	Au	Au-Dup	Au		
	FA-GEO	FA-GEO	FA-GRA		
	ppb 2	ррb 2	g/t .03		
Designation	2		.03		
5610	24				
5611	72				
5627	48				
5628	163				
5629	100				
5630	115				
5631	476				
5632	74				
5633	22	20			
5634	57				
5635	38				
5636	79				
5637	28				
5638	139				
5639	40			,	
5640	267				
5641	36				
5642	53				
5643	43				
5644	76				
5645	45	51			
5646	93				
5647	129				
5648	79				
5656	96				
5657	55				

Hoe Landers, Manager

*** Certificate of analysis ***

Date	:	2004/03/29
Page	:	4 of 5

Client :	Young-Davidson Min				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H	Tel.: (705) 56'		Your order number :	460 . D Matachewan 117
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	L	
Designation	2		.03		
5658	341				
5659	1770		1.89		
5660	1455		1.58		
5661	449				
5662	229				
5663	631				
5664	220	237			
5665	1753		1.78		
5666	2265		2.23		
5667	200				
5668	117				
5669	286				
5670	144				
5671	303				
5672	507				
5673	475				
5674	301				
5675	232				
5676	150	161			
5677	275				
5678	826				
5679	652				
5680	377				
5681	557				
5682	115				
5683	593				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/29 Page : 5 of 5

Client :	Young-Da	avidson Mines I	.td			
Addressee :	Kirnova (21 Goodfis	C orporation h Road			Folder : Your order number :	2460
	P.O. Box 1	86			Project :	YD Matachewan
	Kirkland L	ake				
	Ontario		Tel.: (7	05) 567-4511		
	Canada	P2N 3H7	Fax.: (7)	05) 567-6873	Number of samples:	117
••••••••••••••••••••••••••••••••••••••		Au	Au-Du	o Au	• • • •	
		FA-GEO	FA-GE			
		ppb	ppb	g/t		
		2	2	.03		
esignation	=		========	=== ===========	:	
5684		64				
5685		10				
5686		5				
5687		5				
5688		7	10			
5689		9				
5690		9				
5691		9				
5692		17				
5693		5				
5694		5				~
5695		7				
5696		38				

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/21 Page : l of 3

Client :	Young-Davidson Mines I	.td	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-4511	Folder : 2406 Your order number : Project : YD Matachewan
	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 57
<u> </u>	Au	Au-Dup	
	FA-GEO	FA-GEO	
	ppb	ppb	
Designation	2	2	
5501	62	53	
5502	86		
5503	43		
5504	34		
5505	46		
5506	43		
5507	69		
5508	48		
5509	26		
5510	26		
5511	34		
5512	15		
5513	26	31	
5514	14		
5515	14		
5516	24		
5517	19		
5518	9		
5519	22		
5520	24		
5521	24		
5522	351		
5523	24		
5524	43		
5525	33	33	
5526	62		

Joe Landers, Manager

Laboratoire	Expert	Inc
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***** Certificate of analysis *****

Date : 2004/03/21 Page : 2 of 3

Client :	Young-Davidson Mines L	td	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873	Folder : 2406 Your order number : Project : YD Matachewan Number of samples: 57
	Au	Au-Dup	
	FA-GEO	FA-GEO	
	ppb	ppb	
	2	2	
esignation		=========	
5527	93		
5528	34		
5529	389 29		
5530 5531	72		
5532	58		
5533	93		
5534	224		
5535	41		
5536	86		
5537	79	71	
5538	19		
5539	29		
5540	182		
5541	41		
5542	29		
5543	22		
5544	24		
5545	60		
5546	101		
5547	81		
5548	24		
5549	38	42	
5550	9		
5551	53		
5552	12		

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/21 Page : 3 of 3

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Г

Client :	Young-Davidson Mines Ltd		
Addressee :	Kirnova Corporation		Folder : 2406
	21 Goodfish Road		Your order number :
	P.O. Box 186		Project : YD Matachewan
	Kirkland Lake		
	Ontario Tel.:	(705) 567-4511	
	Canada P2N 3H7 Fax.:	(705) 567-6873	Number of samples: 57

	Au	Au-Dup
	FA-GEO	FA-GEO
	ppb	ppb
	2	2
Designation	==========	==========
15553	19	
15554	21	
15555	34	
15556	19	
15557	17	

Joe Landers, Manager i

*** Certificate of analysis ***

Date : 2004/03/22 Page : 1 of 3

Client :	Young-Davidson Mine	s Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder : 2405 Your order number : Project : YD Matachewan Number of samples: 78	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t .03		
Designation	2	2	.03		
3923	129	119			
3924	31				
3925	45				
3926	48				
3927	132				
3928	74				
3929	101				
3930	636				
3931	182				
3932	442				
3933	172				
3934	200				
3935	103	108			
3936	36				
3937	36				
3938	60				
3939	46				
3940	251				
3941	71				
3942	475				
3943	67				
3944	105				
3945	57				
3946	38				
3947	53	60			
3948	48				

Joé Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/22 Page : 2 of 3

Client :	Young-David	son Mines I	.td						
Addressee :	Kirnova Corp 21 Goodfish Roa P.O. Box 186 Kirkland Lake Ontario		Tel.:	(705) 567	7-4511	Folder Your order numb Project	: YD Matache	ewan	
	Canada	P2N 3H7	Fax.:	(705) 567	7-6873	Number of samp	les: 78		
Designation	2229	Au FA-GEO ppb 2	Au-I FA-C pp 2	θEΟ b	Au FA-GRA g/t .03	=			
3949		43							
3950		7							
3951		151							
3952		91 62							
3953 3954		58							
3954 3955		155							
.3956		150							
3957		52							
3958		72							
3959		67	71						
3960		93							
3961		131							
3962		46							
3963		40							
3964		33							
3965		129							
3966		138							
3967		124							
3968		313							
3969		96							
3970		40						,	
.3971		64	58					·	
3972		52							
3973		206							
3974		187							

Goe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/22 Page : 3 of 3

Client :	Young-D	avidson Mines	LIA				
Addressce :	Kirnova (21 Goodfis P.O. Box 1 Kirkland L Ontario Canada	86	Tel.: Fax.:	(705) 567- (705) 567		Folder : Your order number : Project : Number of samples:	2405 YD Matachewan 78
	·	Au FA-GEO ppb 2	FA	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03	a <u>l,</u>	
Designation	=		=====				
3975		114					
3976		96					
3977		28					
3978		15					
3979		22					
3980		139					
3981		344					
3982		103					
3983		48		40			
3984		33					
3985		24					
3986		34					
3987		126					
3988		86					
3989		72					
3990		308					
3991		169					
3992		408					
3993		4138			4.46		
3994		289					
3995		155	1	.31			
3996		251					
3997		45					
3998		163					
3999		77					
4000		17					

Joe Landers, Manager

Laboratoire	Expert Inc
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*** Certificate of analysis ***

Date : 2004/03/17 Page : 1 of 3

Addressee : Kirnova Corporation 21 Goodfish Road Folder :: 2331 PO. Box 186 Folder :: 2331 Kirkhand Lake Ontario Tel: (705) 567-4511 Project :: VD Matachewan Canada P2N 3H7 Fax.: (705) 567-4511 Number of samples: 55 Au Au-Dup Au FA-GEO FA-GEO FA-GEO Fa-GEA Ppb ppb pph gdt 2 03 Designation ====================================	Client :	Young-Davidson Mines	Ltđ			
Au Au-Dup Au FA-GEO FA-GEO FA-GRA ppb ppb g/t 2 2 .03 Designation ====================================	Addressee :	21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario			Your order number : Project : Y	D Matachewan
FA-GEO FA-GEO FA-GEA ppb ppb g/t 2 2 03 Designation		Canada P2N 3H7	Fax.: (705) 567	-6873	Number of samples:	55
	13867 13868 13869 13870 13871 13872 13874 13875 13876 13877 13878 13878 13879 13880 13881 13882 13883 13884 13885 13886 13888 13889 13890 13891	FA-GEO ppb 2 24 181 33 95 15 14 17 315 298 81 138 478 265 463 157 832 270 203 430 746 2057 444 57 41	FA-GEO ppb 2 29	FA-GRA g/t .03		· ·
				1.82		

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/17 Page : 2 of 3

Client :	Young-Davidson Mines	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567- Fax.: (705) 567-		Folder 2331 Your order number : Project Project YD Matachewan Number of samples: 55		
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03			<u></u>
Designation			05 ===========			
3894	91					
3895	38					
3896	53					
3897	236					
3898	289					
3899	181					
3900	14					
3901	143					
3902	354					
3903	198					
3904	83	71				
3905	129					
3906	119					
3907	115					
3908	175					
3909	184					
3910	81					
3911	52					
3912	17					
3913	57					
3914	24					
3915	10					
3916	12	14				
3917	10					
3918	14					
3919	9					

*** Certificate of analysis ***

Date : 2004/03/17 Page : 3 of 3

127. Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

12

13922

Client :	Young-D	avidson Mines	Ltd					
Addressee	Kirnova (21 Goodfis P.O. Box 1 Kirkland L Ontario	86	Tel.:	(705) 567	7 4511	Folder Your order number Project	2331 YD Matachewan	
	Canada	P2N 3H7	Fax.:	(705) 567		Number of samples	55	-
		Au FA-GEO ppb 2	FÆ	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03			
Designation	=	_	====:					
13920		9						
13921		7						

Joe Landers, Manager ()e

*** Certificate of analysis ***

Date : 2004/03/10 1 of 3 Page :

Client :	Young-Davidson Mines	Ltd			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2250 YD Matachewan 71
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	L.,	
Designation	2	2	.03		
3797	55	52			
3798	74				
3799	67				
3800	12				
3801	5				
3802	7				
3803	5				
3804	120				
3805	280				
3806	303				
3807	134				
3808	95				•
3809	53	58			
3810	58				
3811	155				
3812	74				
3813	141				
3814	783				
3815	91				
3816	38				
3817	22				
13818	31				
13819	34				
13820	127				
13821	21	22			
13822	.31				

Joe Landers, Manager

*** Certificate of analysis ***

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Date : 2004/03/10 Page : 2 of 3

Client :	Young-Davidson Mines l	Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873		Your order number :	2250 /D Matachewan 71	
	Au FA-GEO ppb	Au-Dup FA-GEO ppb	Au FA-GRA g/t	I	······································	
Designation	2	2	.03			
3823	29	**********				
3824	67					
3825	40					
3826	232					
3827	26					
3828	2897		2.78			
3829	72					
3830	36					
3831	41					
3832	21					
3833	71	69				
3834	143					
3835	60					
3836	206					
3837	101					
3838	115					
3839	43					
3840	22					
3841	50					
3842	15					
3843	1.4					
3844	14					
3845	45	43				
3846	89					
3847	29					
3848	22					

Leden

Joe Landers, Manager

*** Certificate of analysis ***

Date 2004/03/10 : 3 of 3 Page :

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Client :	Young-Davidson Mines	s Ltd				
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567 Fax.: (705) 567		Folder : Your order number : Project : Number of samples:	2250 YD Matachewan 71	
				rumber of sumples.	/1	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03			
Designation			.05			
3849	15					
3850	3					
3851	19					
3852	38					
3853	17					
3854	88					
3855	41				•	
.3856	251					
3857	108	103				
3858	33					
3859	6					
3860	15					
3861	22					
3862	14					
3863	1.2					
3864	19					
3865	105					
3866	12					
3873	119					

Dande Redun

Joe Landers, Manager

*** Certificate of analysis ***

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Date 2004/03/08 : 1 of 3 Page :

Client :	Young-Davidson Mines I	.td	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H7	Tel.: (705) 567-4511 Fax.: (705) 567-6873	Folder : 2249 Your order number : Project : Project : YD Matachewan Number of samples: 75
	Au	Au-Dup	
	FA-GEO	FA-GEO	
	ppb	ppb	
Designation	2	2	
3722	46	43	
3723	34		
3724	282		
3725	265		
3726	33		
3727	122		
3728	62		
3729	55		
3730	19		
3731	53		
3732	304		
13733	36		
3734	101	110	
3735	98		
13736	224		
3737	186		
13738	514 384		
13739	384 83		
3740 3741	52		
13741 13742	112		
13742 13743	14		
13744	241		
3745			
13745 13746	 408 186	187	

<u>Docude</u> <u>Release</u> Joe Landers, Manager

Laboratoire	Expert Inc
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*** Certificate of analysis ***

2004/03/08 Date : 2 of 3 Page :

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Addressee : Kirnova Corporation Folder : 2249 21 Goodfish Road Your order number : Project : VD Matachewan P.O. Box 186 Folder : 2249 Kirkland Lake Ontario Tel.: (705) 567-4511 Project : VD Matachewan Canada P2N 3H7 Fax: (705) 567-6873 Number of samples: 75 Au Au-Dup FA-GEO FA-GEO pb ppb 2 Poisgnation 2 2 2 2 2 2 Designation
Au Au-Dup FA-GEO FA-GEO ppb ppb 2 2 Designation
FA-GEO FA-GEO ppb ppb 2 2 Designation
Designation
13749 88 . 13750 5 13751 119 13752 155 13753 220 13754 488 13755 402 13756 710 13757 736 13758 172 184
13750 5 13751 119 13752 155 13753 220 13754 488 13755 402 13756 710 13757 736 13758 172 184
13751 119 13752 155 13753 220 13754 488 13755 402 13756 710 13757 736 13758 172 184
13752 155 13753 220 13754 488 13755 402 13756 710 13757 736 13758 172 184
13753 220 13754 488 13755 402 13756 710 13757 736 13758 172
13754 488 13755 402 13756 710 13757 736 13758 172 184
13755 402 13756 710 13757 736 13758 172 184
13756 710 13757 736 13758 172 184
13757 736 13758 172 184
13758 172 184
13759 132
13760 230
13761 91
13762 196
13763 139
13764 124
13765 227
13766 200
13767 194
13768 110
13769 24
13770 160 160
13771 136
13772 53
13773 21

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*** Certificate of analysis ***

Date 2004/03/08 : 3 of 3 Page :

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510

Addressee : Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Folder : 2249 Your order number : Project You moder number : Project You moder number : Your order number : Canada P2N 3H7 Fax: (705) 567-6873 Number of samples: 75 Au Au-Dup FA-GEO FA-GEO FA-GEO 75 Designation 2 2 2 75 13774 225 3 3 3 13775 83 3 3 3 13776 56 3 3 3 13778 13 3 3 3 13781 8 3 3 3 13784 3 3 3 3 13785 13 3 3 3 13786 2 3 3 3 13789 12 3 3 3 13789 12 3 3 3 13784 3 3 3 3 13789 12 3 3 3	Client :	Young-Davidson Mines L	td	
Au Au-Dup FA-GEO $FA-GEO$ ppb ppb 2 2 3774 225 3775 83 3776 84 3777 57 3778 13 3779 56 3781 8 3782 69 72 3783 17 3784 3 3785 13 3786 22 3787 55 3788 8 3789 12 3790 14 3785 13 3786 22 3789 12 3790 14 3791 15 3792 10 3793 22 3794 52	Addressee :	21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario		Your order number : Project : YD Matachewan
FA-GEO FA-GEO ppb ppb 2 2 Designation	<u>-</u>	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 75
Designation		FA-GEO ppb	FA-GEO ppb	
13775 83 13776 84 13777 57 13778 13 13779 56 13780 14 13781 8 13782 69 72 13783 17 13784 3 13785 13 13786 2 13787 55 13788 8 13789 12 13780 12 13781 55 13782 69 13783 13 13784 3 13785 13 13786 8 13787 55 13788 8 13790 14 13791 15 13792 10 13793 22 13794 52	Designation			
13776 84 13777 57 13778 13 13779 56 13780 14 13781 8 13782 69 72 13783 17 13784 3 13785 13 13786 22 13787 55 13788 8 13789 12 13790 14 13781 13 13782 13 13784 3 13785 13 13786 8 13787 55 13788 8 13790 14 13791 15 13792 10 13793 22 13794 52	3774	225		
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3782697237831737843378513378623787553788837891237901437911537921037932237945257		14		
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3784 3 3785 13 3786 22 3787 55 3788 8 3789 12 3790 14 3791 15 3792 10 3793 22 3794 52			72	
3785 13 3786 22 3787 55 3788 8 3789 12 3790 14 3791 15 3792 10 3793 22 3794 52				
3786 22 3787 55 3788 8 3789 12 3790 14 3791 15 3792 10 3793 22 3794 52				
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3788 8 3789 12 3790 14 3791 15 3792 10 3793 22 3794 52 57				
3789 12 3790 14 3791 15 3792 10 3793 22 3794 52 57				
3790 14 3791 15 3792 10 3793 22 3794 52 57				
3791 15 3792 10 3793 22 3794 52 57				
3792 10 3793 22 3794 52 57				
3793 22 3794 52 57				
3794 52 57				
3705 55			57	
3796 76	3795			

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Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/04 Page : 1 of 3

Client :	Young-Davidson Mines	Ltd	
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario	Tel.: (705) 567-4511	Folder : 2233 Your order number : Project : YD Matachewan
	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 74
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	
Designation			
3648	11	9	
3649	12		
3650	43		
3651	12		
3652	3		
3653	8		
3654	7		
3655	9		
3656	12		
3657	7		
3658	5		
3659	19		
3660	8	9	
3661	7		
3662	8		
3663	5		
3664	7 7		
3665	7 5		
3666	5 15		
3667 3668	5		
3669	8		
3669 3670	10		
3670 3671	114		
3672	67	73	
3673	100		

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Joe Landers, Manager

*** Certificate of analysis ***

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510 Date : 2004/03/04 Page : 2 of 3

Client :	Young-Davidson Mines I			
Addressee :	Kirnova Corporation 21 Goodfish Road P.O. Box 186		Folder : 2233 Your order number : Project : YD Matachewan	
	Kirkland Lake			
	Ontario	Tel.: (705) 567-4511		
	Canada P2N 3H7	Fax.: (705) 567-6873	Number of samples: 74	
	Au	Au-Dup		
	FA-GEO	FA-GEO		
	ppb	ppb		
	2	2		
Designation	=============== 36	======		
3674	58			
3675 3676	74			
3670 3677	46			
3678	222			
3679	46			
3680	220			
3681	784			
3682	119			
3683	630			
3684	318	287		
3685	251			
3686	26			
3687	31			
3688	43			
3689	263			
3690	127			
3691	22			
3692	31			
3693	38			
3694	60			
3695	60			
3696	73	76		
3697	396			
3698	96			

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Joe Landers, Manager

*** Certificate of analysis ***

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510 Date : 2004/03/04 Page : 3 of 3

2 P K C C Designation 13700 13701 13702 13703 13704 13705 13706 13707 13708 13709 13710 13711	Kirnova Co 21 Goodfish R P.O. Box 186 Kirkland Lake Ontario Canada ===	Road e P2N 3H7 Au FA-GEO ppb 2 9 867 21 22 200 14	F	(705) 567-4511 (705) 567-6873 Au-Dup A-GEO ppb 2	Folder Your order nun Project Number of sam	: YD N	3 Aatachewar 74	1	
Designation 13700 13701 13702 13703 13704 13705 13706 13707 13708 13709 13710 13711		Au FA-GEO ppb 2 9 867 21 22 200 14	A Fa	Au-Dup A-GEO ppb 2					
13701 13702 13703 13704 13705 13706 13707 13708 13709 13710 13711	==	9 867 21 22 200 14	= = = =						
13700 13701 13702 13703 13704 13705 13706 13706 13707 13708 13709 13710 13711 13712		867 21 22 200 14							
13702 13703 13704 13705 13706 13706 13707 13708 13709 13710 13711		21 22 200 14							
13703 13704 13705 13706 13707 13708 13709 13710 13711		22 200 14							
13704 13705 13706 13707 13708 13709 13710 13711		200 14							
13705 13706 13707 13708 13709 13710 13711		14							
13706 13707 13708 13709 13710 13711									
13707 13708 13709 13710 13711									
13708 13709 13710 13711		41							
13709 13710 13711		22							
13710 13711		40		36					
13711		41							
		8							
13712		107							
		7							
3713		15							
3714		31							
3715		22							
3716		19							
3717		110							
13718		15							
13719		583							
13720 13721		22 46		28					

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Joe Landers, Manager

*** Certificate of analysis ***

127, Boulevard Industriel Rouyn-Noranda, QC, J9X 6P2 Tel.: (819) 762-7100 Fax.: (819) 762-7510 Date : 2004/03/03 Page : 1 of 3

Client :	Young-Davidson Mi	nes Ltd			
Addressee :	Kirnova Corporatio 21 Goodfish Road P.O. Box 186 Kirkland Lake Ontario Canada P2N 3H	Tel.; (705) 562	Your order number :	82) Matachewan 65	
	Au FA-GEO ppb 2	Au-Dup FA-GEO ppb 2	Au FA-GRA g/t .03	L	
Designation			.05		
3583	17	23			
3584	34				
3585	115				
3586	1180		1.23		
3587	50				
3588	53				
3589	62				
3590	5				
3591	12				
3592	65				
3593	36				
3594	626				
3595	521	557			
3596	31				
3597	57				
3598	88				
3599	310				
3600	5				
3601	1453		1.44		
3602	810				
3603	1061		1.10		
3604	2169		2.26		
3605	1968		2.06		
3606	963				
3607	3272		3.46		
3608	2828		2.85		

1 Joe Landers, Manager

*** Certificate of analysis ***

Date 2004/03/03 : 2 of 3 Page :

Client :	Young-D:	avidson Mines	Ltd				
Addressee :	21 Goodfisl P.O. Box 13 Kirkland La Ontario	86 ake	Tel.:	(705) 567-4		Folder : Your order number : Project :	
	Canada	P2N 3H7	Fax.:	(705) 567-6	5873	Number of samples:	65
		Au FA-GEO ppb 2	Fz	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03		
Designation			====		19632 22 555		
3609		120					
3610		299					
3611		488					
3612		323					
3613 3614		184 751					
3614 3615		738					
3616		136					
3617		155					
3618		187					
3619		89		92			
3620		464					
3621		201					
3622		375					
3623		98					
3624		103					
3625		291					
3626		243					
3627		28					
3628		244					
3629		299					
3630		342					
3631		260	2	83			
3632		136					
3633		287					
3634		38					

Joe Landers, Manager

*** Certificate of analysis ***

Date : 2004/03/03 Page : 3 of 3

Client :	Young-Davidson Mines Ltd							
Addressee :	Kirnova (21 Goodfis P.O. Box 1 Kirkland L: Ontario	86	Tel.:	(705) 567	7-4511	Folder : Your order number : Project :	2182 YD Matachewan	
	Canada	P2N 3H7	Fax.:	(705) 567	7-6873	Number of samples:	65	
Designation 3635 3636 3637 3638 3639 3640 3641 3642 3643 3644 3645 3646	=	Au FA-GEO ppb 2 201 303 84 220 392 310 378 330 246 220 107 217	F/	u-Dup A-GEO ppb 2	Au FA-GRA g/t .03			

Joe Landers, Manager



Work Report Summary

Transaction No	: W0480.	01447	Status:			47 Status: APPROVED					
Recording Date	e: 2004-SI	EP-14	Work Done from:			: 2004-JAN-01					
Approval Date:	2004-SI	EP-22			to: 2	2004	MAY-30				
Client(s):											
177	7382 O	BRADOVICH	, THOMAS J	OHN							
210)971 Y	OUNG-DAVIE	SON MINES	S, LIMITED							
Survey Type(s)	:										
		ASSAY		PDRILL							
Work Report D	etails:										
Claim#	Perform	Perform Approve	Applied	Applied Approve	Assi	gn	Assign Approve	Reserve	Reserve Approve	Due Date	
L 1199662	\$37,382	\$37,382	\$0	\$0		\$0	0	\$37,382	\$37,382	2005-AUG-26	
L 1199664	\$28,332	\$28,332	\$0	\$0		\$0	0	\$28,332	\$28,332	2005-AUG-26	
L 1223270	\$80,505	\$80,505	\$0	\$0		\$0	0	\$80,505	\$80,505	2005-MAY-17	
L 1223271	\$5,207	\$5,207	\$0	\$0		\$0	0	\$5,207	\$5,207	2005-APR-10	
L 1248827	\$104,121	\$104,121	\$0	\$0		\$0	0	\$104,121	\$104,121	2009-JUN-07	
L 3004550	\$16,866	\$16,866	\$0	\$0		\$0	0	\$16,866	\$16,866	2005-SEP-16	
L 3004551	\$20,637	\$20,637	\$0	\$0		\$0	0	\$20,637	\$20,637	2005-SEP-18	
L 3009961	\$6,555	\$6,555	\$0	\$0		\$0	0	\$6,555	\$6,555	2005-SEP-20	
	\$299,605	\$299,605	\$0	\$0		\$0	\$0	\$299,605	\$299,605	-	
	·····									-	

Reserve:

\$299,605 Reserve of Work Report#: W0480.01447

\$299,605

\$0

Total Remaining

Status of claim is based on information currently on record.



41P15NE2027 2.28438 CAIRO

Ministry of Northern Development and Mines

Date: 2004-SEP-23

Ministère du Développement du Nord et des Mines



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

YOUNG-DAVIDSON MINES, LIMITED 605 - 80 RICHMOND STREET WEST TORONTO, ONTARIO M5H 2S9 CANADA Tel: (888) 415-9845 Fax:(877) 670-1555

Submission Number: 2.28438 Transaction Number(s): W0480.01447

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.

NOTE: In future submissions provide a more detailed breakdown of the drilling cost.

If you have any question regarding this correspondence, please contact BRUCE GATES by email at bruce.gates@ndm.gov.on.ca or by phone at (705) 670-5856.

Yours Sincerely,

Rom c cashingh.

Ron C. Gashinski Senior Manager, Mining Lands Section

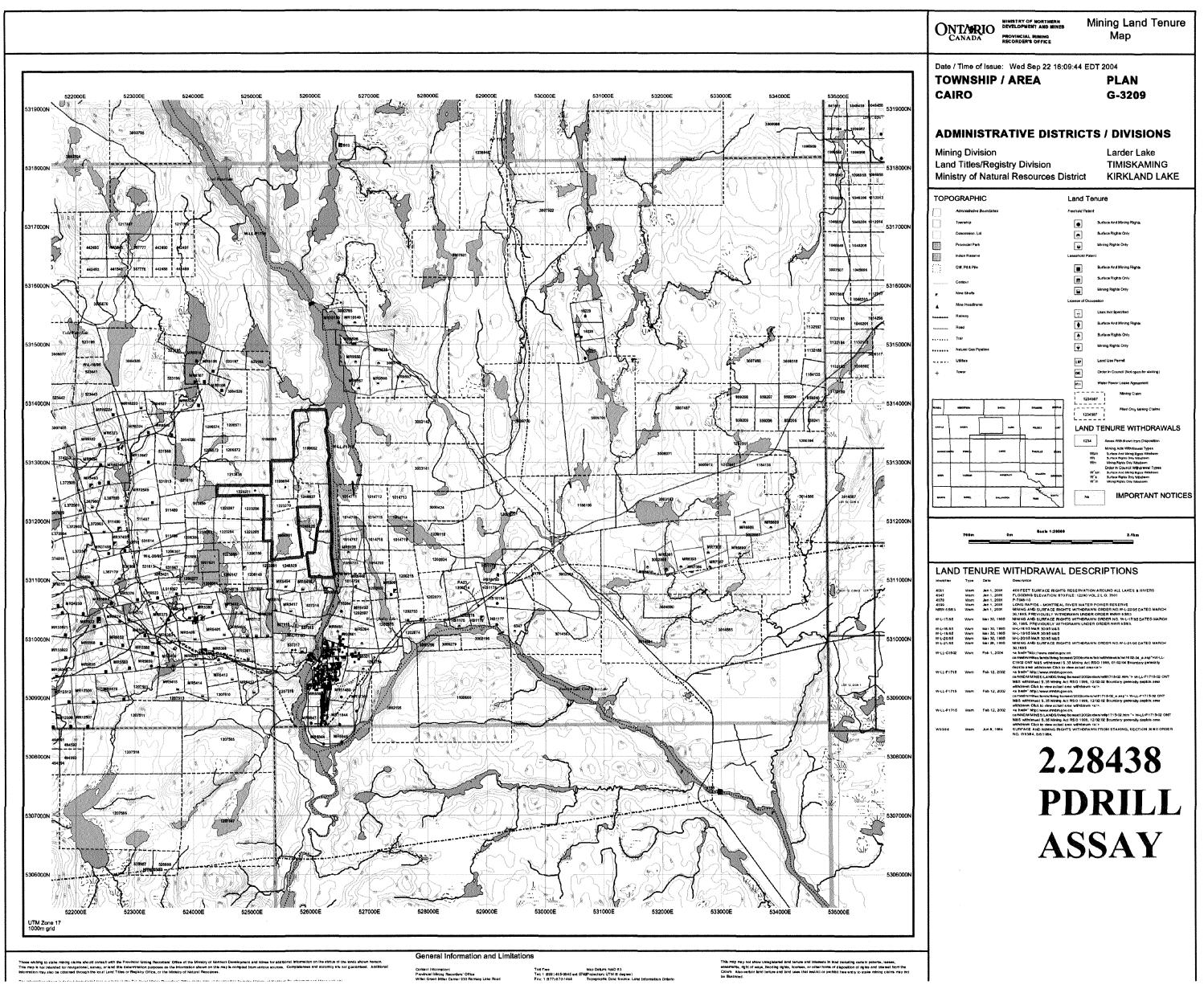
Cc: Resident Geologist

Thomas John Obradovich (Claim Holder)

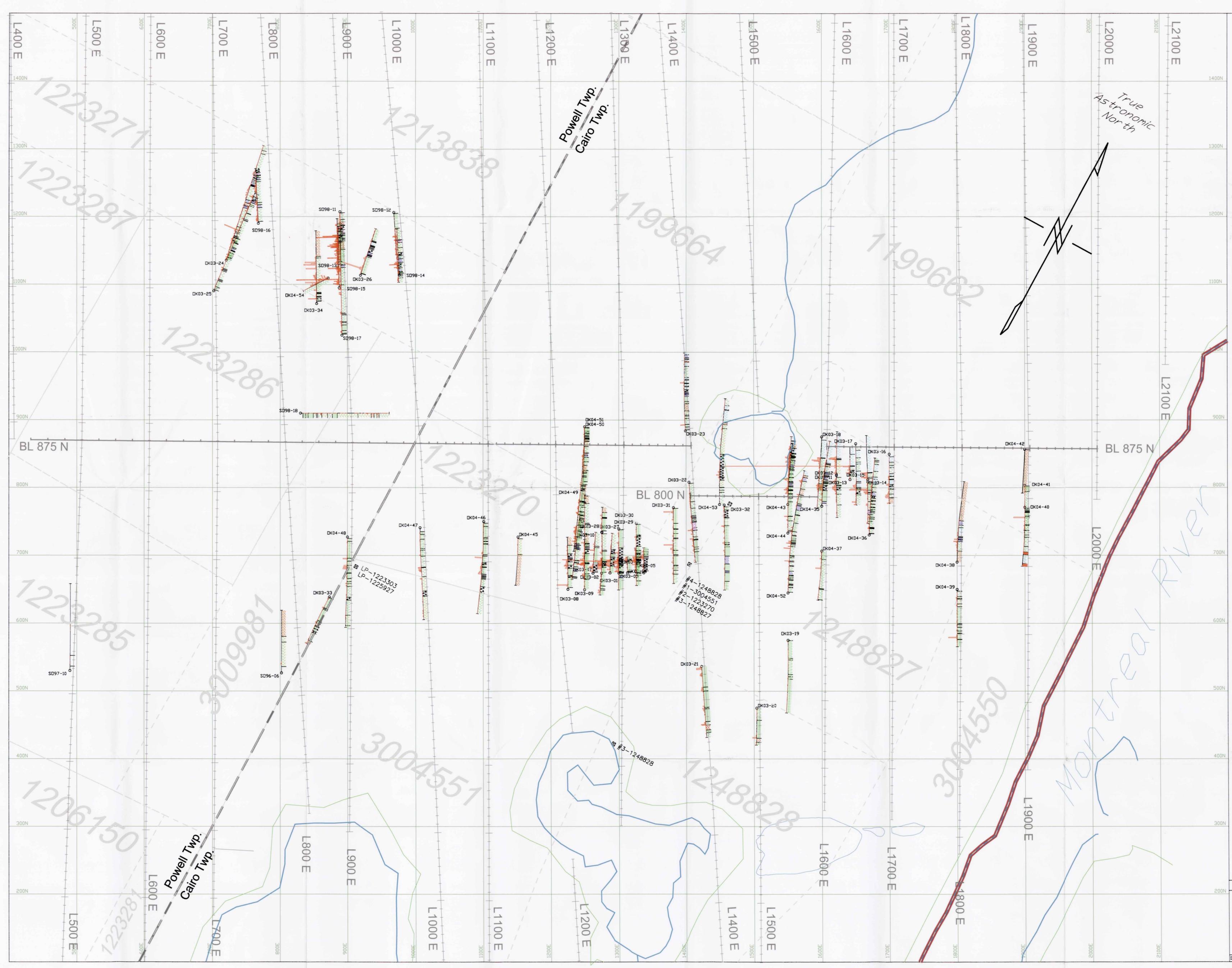
Young-Davidson Mines, Limited (Assessment Office)

Assessment File Library

Young-Davidson Mines, Limited (Claim Holder)

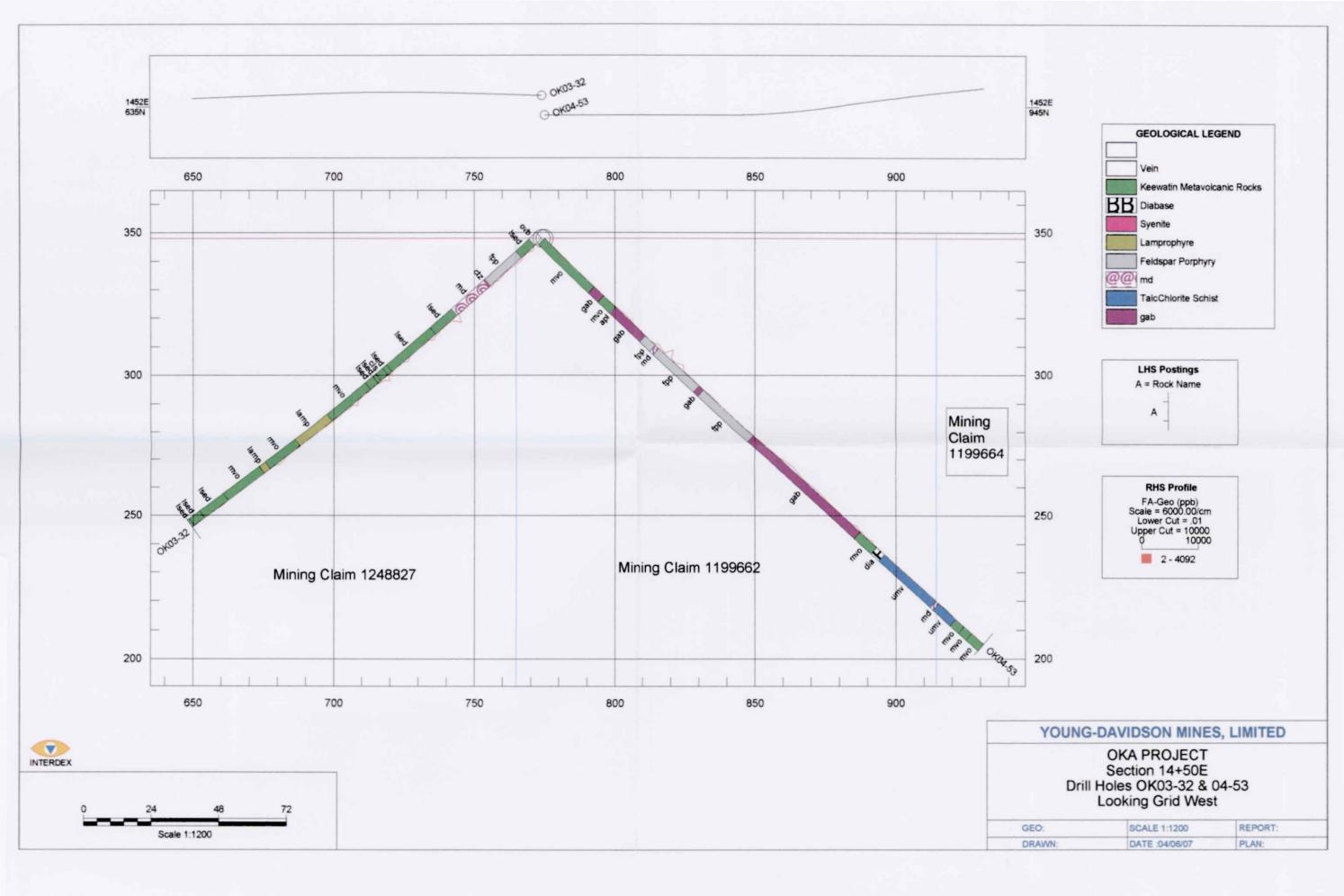






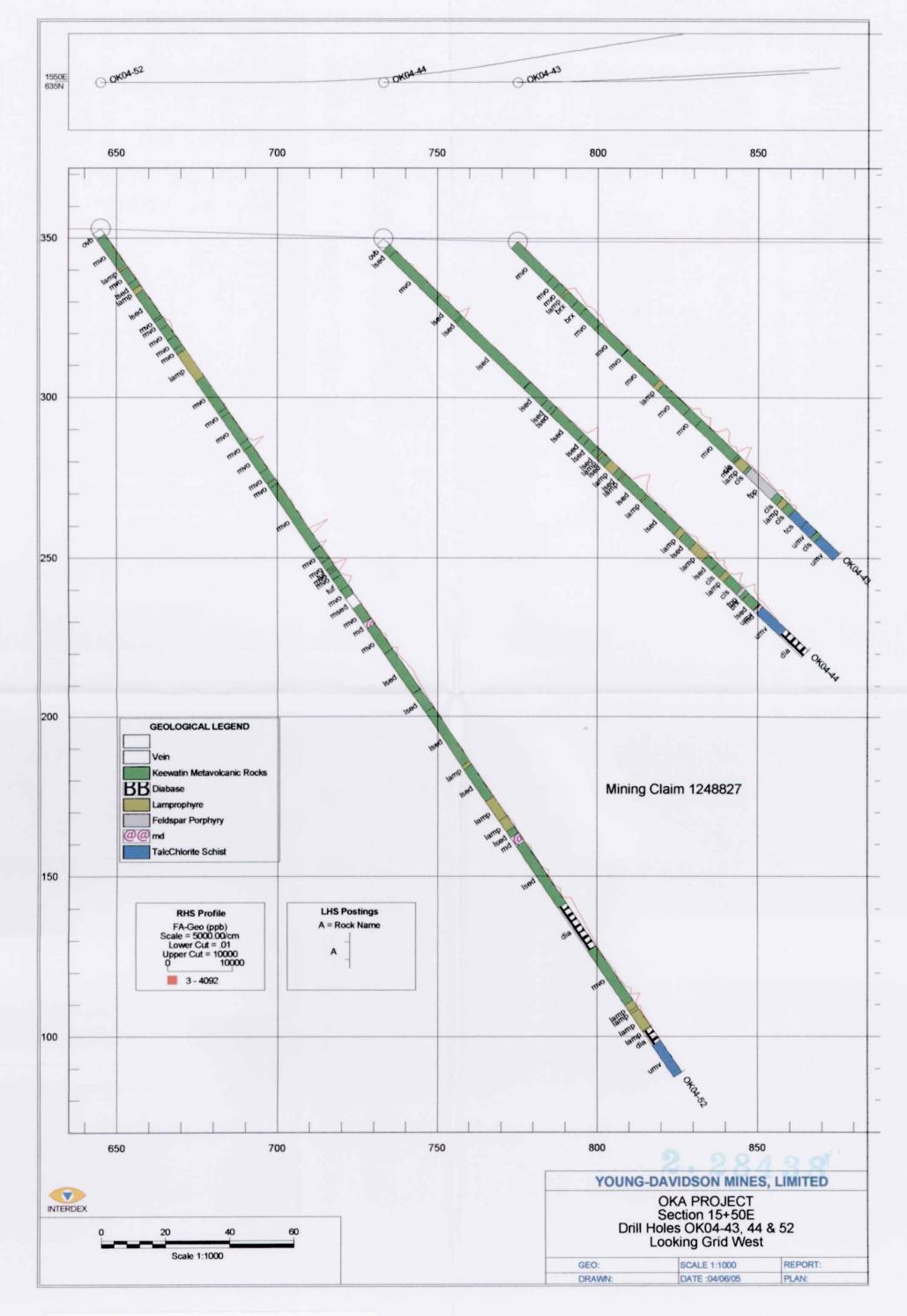
41P15NE2027 2.28438 CAIRO 210

La		
Geolo	ogical Legend	
	PHANERDZDIC	
	(2) Overburden, Casing, lost core etc.	
	PRECAMBRIAN	
103030 00010	(5) Matachewan Diabase (DIA)	
101010	ARCHEAN	
	INTRUSIVES	
	LATE GREY INTRUSIVES	
	(6apl) Aplite	
A A A A A	(6ctz) Contact Zone	
	(6fpp) Feldspar Porphyry (6) (unsubdivided)	
	MINERALIZED / ALTERED ZONE	
	(3fuch) Green Carb.	
	(3) Grey Carb. / Qtz-breccia	
	(10) Barite Veln	
	(7) ALKALIC INTRUSIVES	
	(9) Lamprophyre (7ctz) Contact Zone	
	(7fpp) Feldspar Porphyry	
	(7syp) Trachy Syenite Porphyry	
	(7syn) Syenite	
0,0,0	(7) unsubdivided	
	(11) Iron Formation (oxide & sulf.)	
	(1) TEMISKAMING SEDIMENTS TSEDS	
	(1con) Conglomerate	
	unsubdivided	
	(4) GREENSTONE	
	Interflow SedIments (4cht) Chert	
5.96767 576769	(4lsedc/cp) Conglomerate	
	(4lsed) Turbidites	
	(4msed) Mafic Sediments	
	(4ums) Ultramafic Sediments	
100,000	Schists	
01-01-01 01-01-01	(4cls) Chlorite (4ses) Sericite	
	(4tcs) Talc-Chlorite	
	Metavolcanics	
	(4tuf) Tuff unsubdivided	
	(4fvo) Felsic	
553	(41vo) Intermediate	
	(4mvo) Mafic (4md) Mafic Dyke (fg, unsub.)	
	(4umv) Ultramafic	
	(4) unsubdivided	
	14.000 0	
	Gold g/t	
Clai	alm Map ale 1: 40,000	
	UNEST UDECT 1199663	
Little	3004528 304873 1204872 1199662	
Haw	dey 1213838 H 1199664 0	
	1223287 1223287 1223287 1223287 1223287 1223287 1223287 1223287 1223287 1223287 1223287 1248827 1248827 1248827 1248827 1248827	
-	12232858	
-	1223284 1223289 1223289 1223289	
4	Otisse Lake 1207521 (20614) 1208077 1208077	
N	1224278 WESAN MASAS	
	0 50m	1.
	2	. 28438
	Young-Davidson ML	
DIA	AMOND DRILL HOLE PLAN	
	rell & Cairo Tp, DN NTS: 41P/15	
	ID NORTH = 331.5 deg True (ast.)	
DATE: 04/	108/11 R.V. Zalnieriunas SCALE: 1/2000 FILE: surf_04	

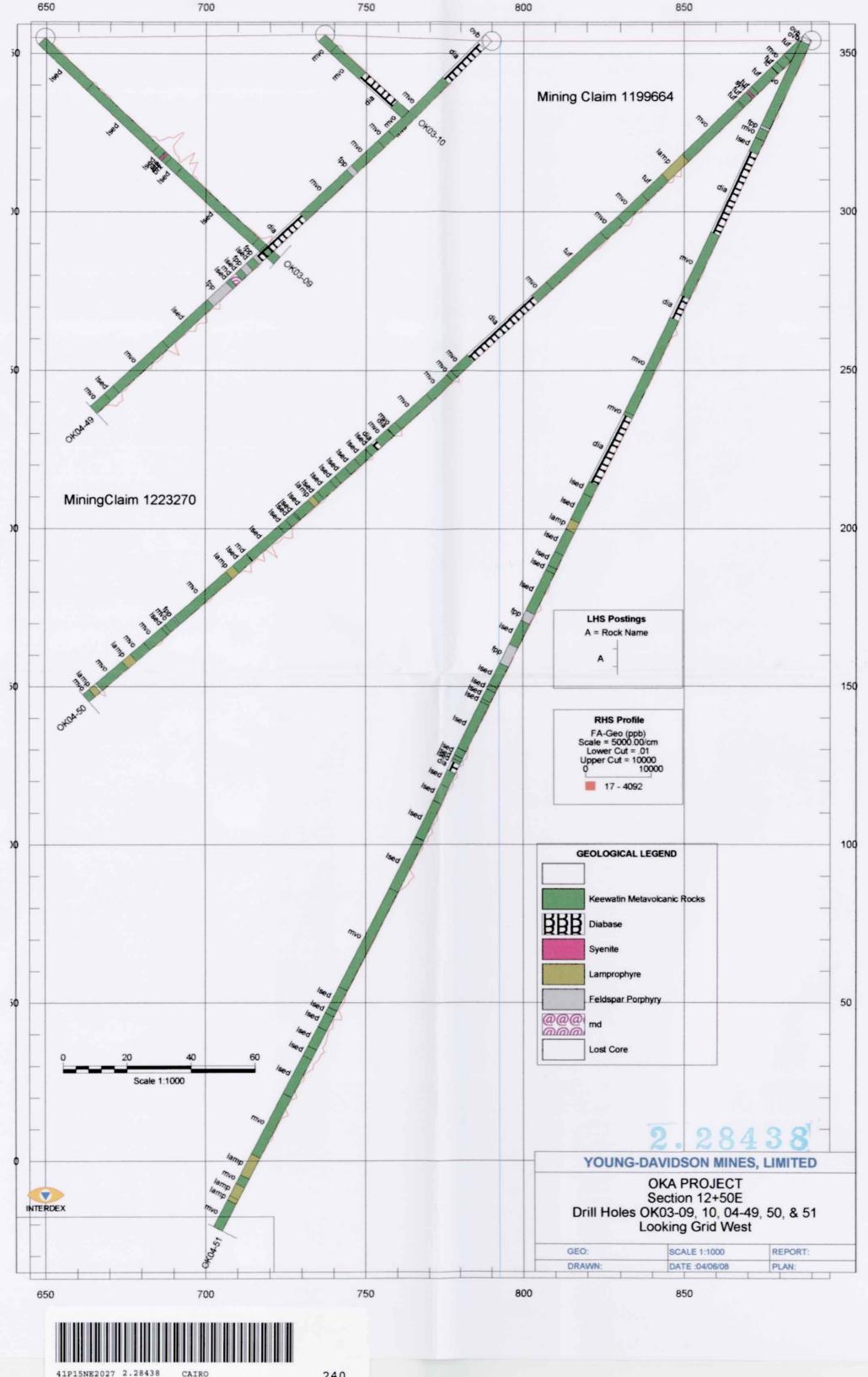


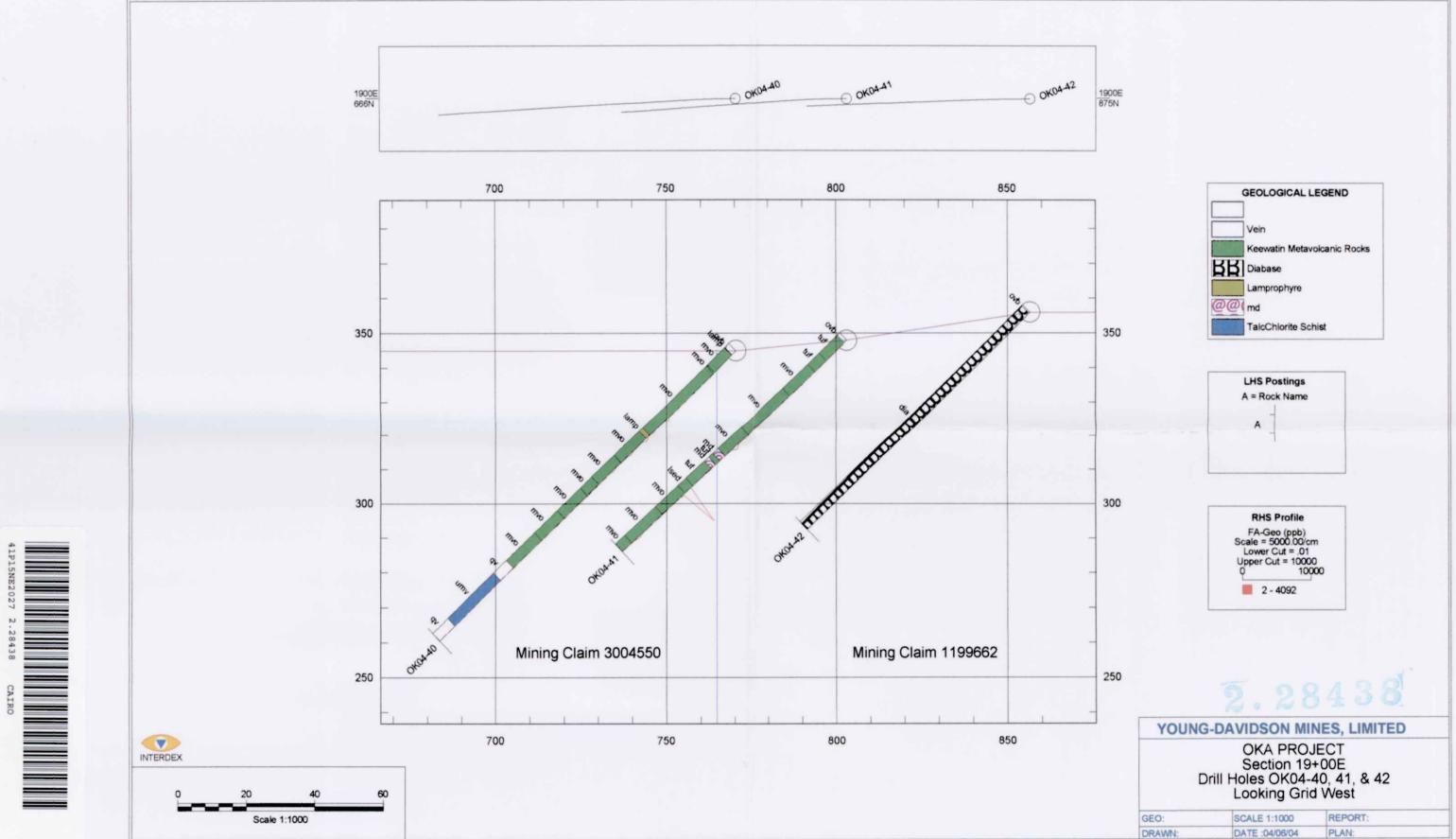
P15NE2027 2.28438 CAIRO

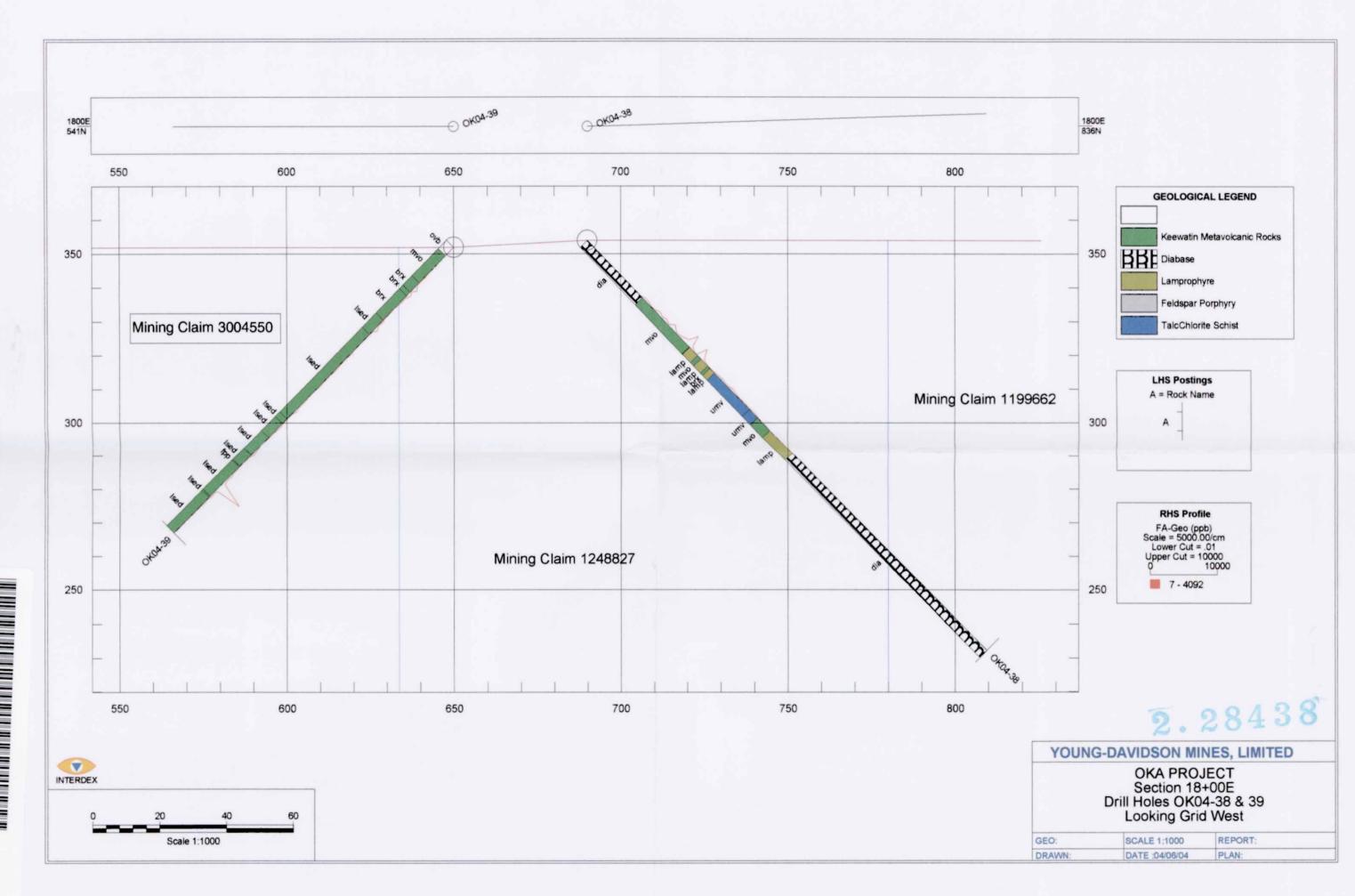
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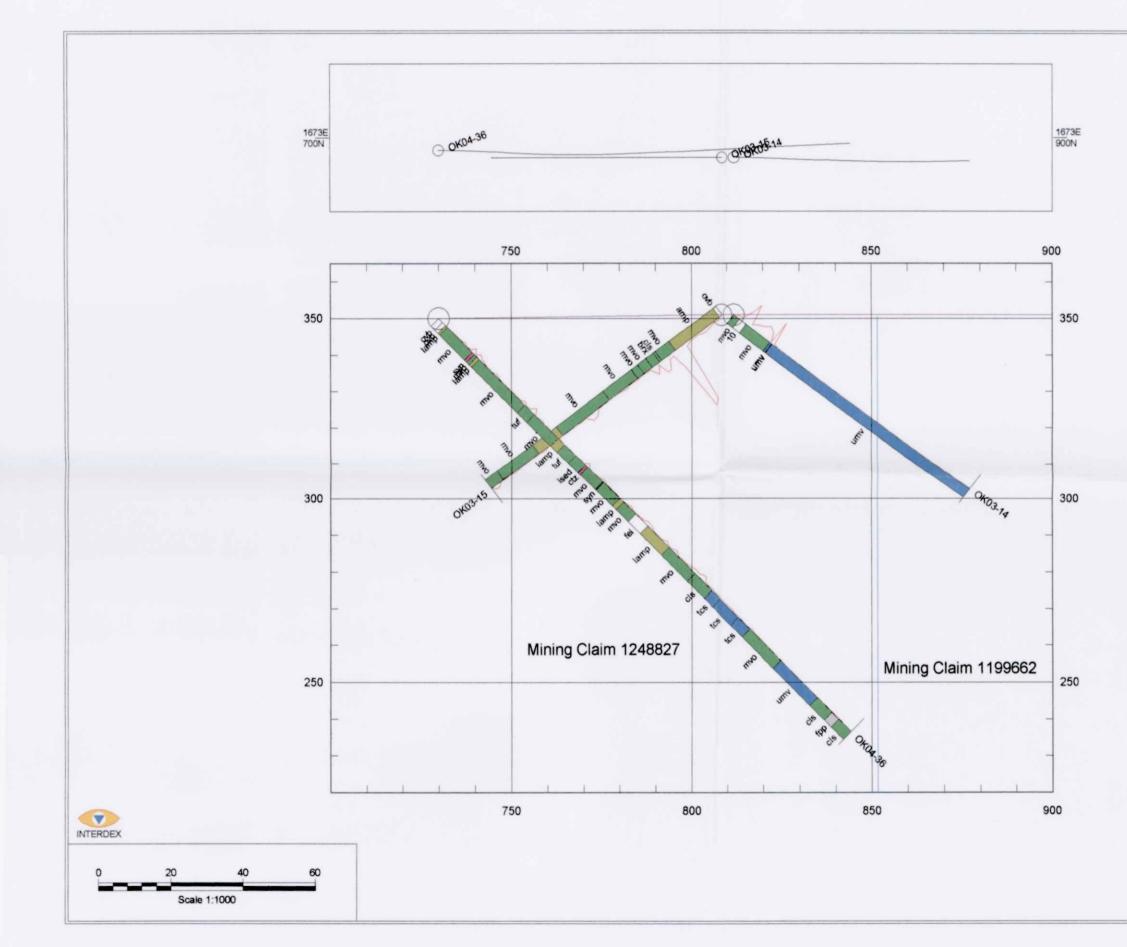




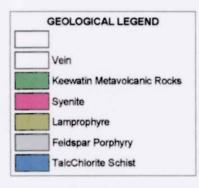


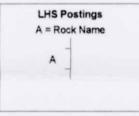


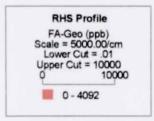
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	OKK PRO Section 16 ill Holes OK03-1	JECT +75E
	Looking Grid	d West
	000000000000	REPORT:
GEO:	SCALE 1:1000	REPORT.

