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REPORT ON DIAMOND DRILLING
TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.
BY KIRKLAND LAKE GOLD INC.

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S. J. Carmichael
Kirkland Lake Gold Inc.

April 10, 2007

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REPORT ON DIAMOND DRILLING
TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.
BY KIRKLAND LAKE GOLD INC.

Introduction

The following report describes a five hole (5,945 feet) diamond drilling program completed between April and December, 2005. Three holes were completed to test the 'E' vein on the former Teck Hughes property and two holes to test exploration targets south of the Main Break on the Macassa mine.
The drilling was completed by Heath and Sherwood Diamond Drilling with logging completed by Kirkland Lake Gold geologists and assaying by Swastika Laboratories. All assays were less than 0.10 ounce per ton. No further work is recommended at this time.

Property Location and Access

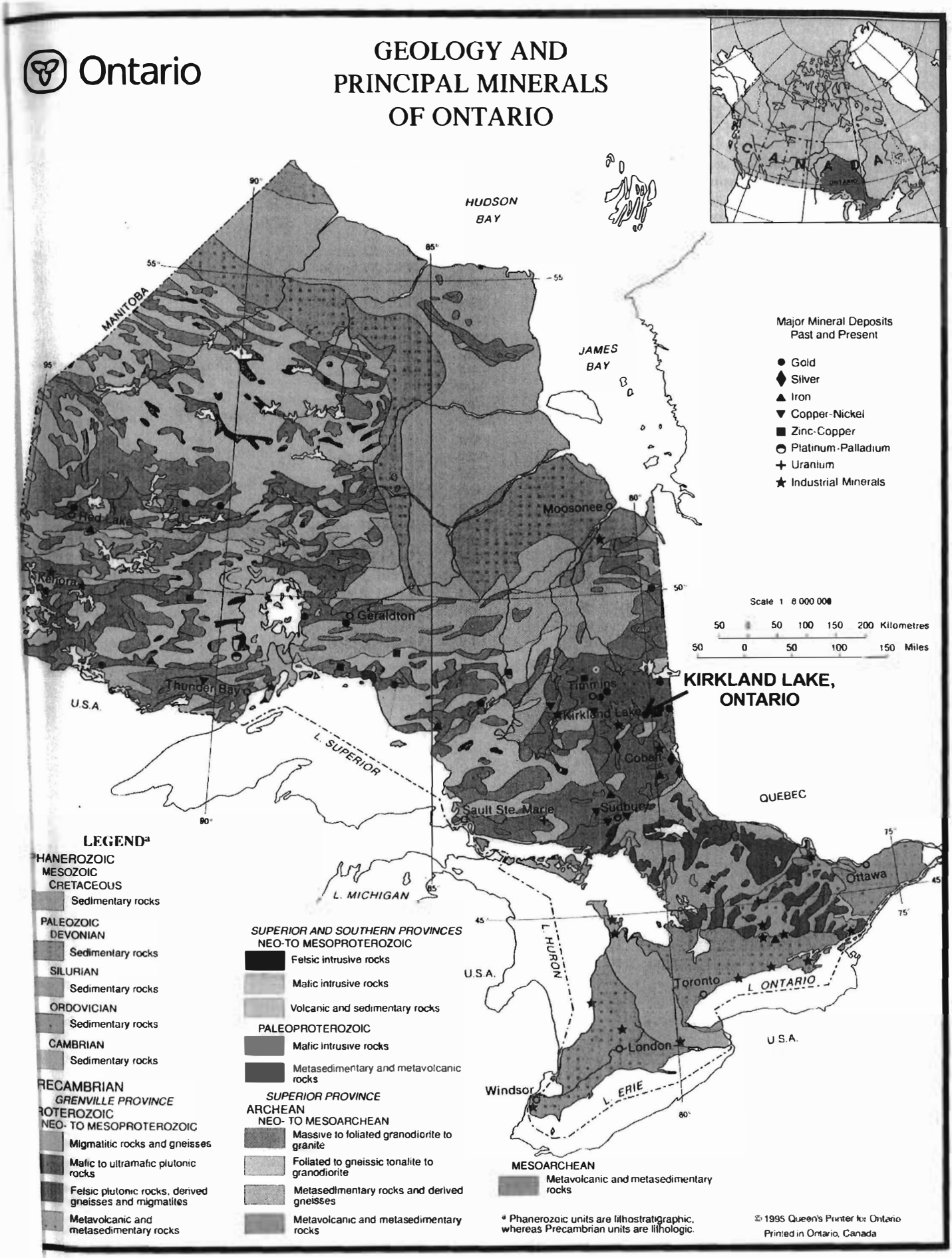
The area tested forms part of the main patented claims held by Kirkland Lake Gold Inc. Drilling was performed on four patented mining claims, three on the Macassa Mine property and one on the former Teck Hughes property.
Drilling on the Teck Hughes property is located immediately east of the Comfort Inn and access is from Government Road. Access to the Macassa property is via the #3 shaft access road.

Land Tenure and Ownership

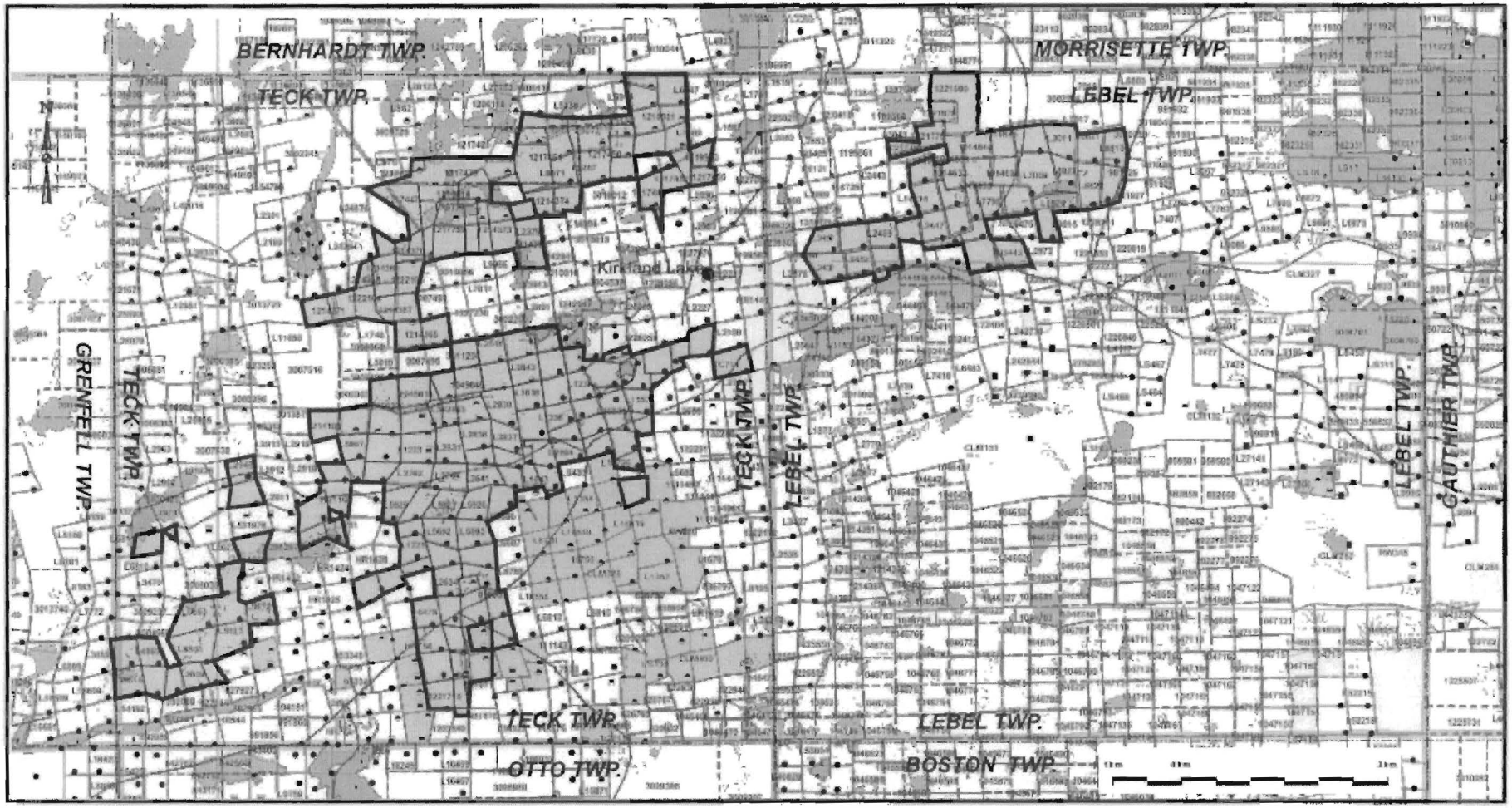
The Kirkland Lake Gold Inc. property comprises 174 patented claims covering 7892 acres, 5 Crown Leases covering 544 acres and 45 staked claims. All of the above are located in Teck and Lebel Townships. 34 of the staked claims are located in Teck Township and are contiguous with the patented claim group.

The North Teck claim block comprises 34 staked contiguous mining claims (61 unites) with a total area of 480 hectares or 1200 acres. All claims are registered to Kirkland Lake Gold Inc. and are in good standing. The claims include:

CLAIM NO.	UNITS	DATE STAKED	APPLIED	BANK	DUE DATE
1045619	1	Aug. 11, 1988	7600	6375	$400 by Aug. 11, 2008
1045623	1	Oct. 7, 1988	7600	472	$400 by Oct. 7, 2008
1049049	1	Oct. 28, 1988	7600	0	$400 by Oct. 28, 2008
1213913	1	March 20, 1996	4000	811	$400 by March 20, 2008
1213914	3	June 13, 1996	12000	0	$1200 by June 13, 2008



GEOLOGICAL MAP OF ONTARIO SHOWING LOCATION OF KIRKLAND LAKE



LEGEND

PROPERTY PERIMETER

PLAN SHOWING PROPERTY BOUNDARIES
KIRKLAND LAKE GOLD INC - KIRKLAND LAKE OPERATIONS
TOWNSHIPS OF TECK AND LEBEL
DISTRICT OF TIMISKAMING
PROVINCE OF ONTARIO

KIRKLAND LAKE GOLD INC.

CLAIM NO.	UNITS	DATE STAKED	APPLIED	BANK	DUE DATE
1214100	1	Oct. 4, 1996	4000	19600	$400 by Oct. 4, 2008
1214365	2	June 13, 1996	8000	2428	$800 by June 13, 2008
1214366*	1	June 13, 1996	4000	0	$400 by June 13, 2008
1214367	2	June 13, 1996	8000	0	$800 by June 13, 2008
1214368	1	June 13, 1996	4000	0	$400 by June 13, 2008
1214369	3	June 13, 1996	12000	0	$1200 by June 13, 2008
1214370	1	June 17, 1996	4000	0	$400 by June 17, 2008
1214371	2	June 13, 1996	8000	0	$800 by June 13, 2008
1214372	2	June 13, 1996	8000	1718	$800 by June 13, 2008
1214373	4	June 13, 1996	16000	0	$1600 by June 13, 2008
1214374	2	June 13, 1996	8000	2388	$800 by June 13, 2008
1217446	1	June 13, 1996	4400	239	$400 by June 13, 2009
1217447	3	June 13, 1996	13200	0	$1200 by June 13, 2009
1217448	2	June 13, 1996	8000	1663	$800 by June 13, 2008
1217450	4	Aug. 1, 1996	17600	0	$1600 by Aug. 1, 2009
1217451	4	Aug. 1, 1996	16000	62	$1600 by Aug. 1, 2008
1217452	1	July 18, 1996	4000	1199	$400 by July 18, 2008
1217455	1	July 18, 1996	4000	1599	$400 by July 18, 2008
1217479	4	Aug. 1, 1996	16000	1065	$1600 by Aug. 1, 2008
1217759	4	Oct. 4, 1996	14400	0	$1600 by Oct. 4, 2007
1219980	1	Oct. 4, 1996	4000	1199	$400 by Dec. 12, 2008
1219981	6	Dec. 12, 1996	24000	5500	$2400 by Dec. 12, 2008
1221710	2	Dec. 30,1996	8000	0	$800 by Dec. 30, 2008
1222104	1	May 5, 1997	3600	0	$400 by May 5, 2008
1222105	1	May 5, 1997	3600	394	$400 by May 5, 2008
3011230	1	June 17, 2003	1200	0	$400 by June 17, 2008
4210208	1	June 1, 2006	0	0	$400.00 by June 1, 2008
859695	1	Nov. 7, 1985	8800	0	$400 by Nov. 7, 2008
983045	1	Dec. 16, 1987	8000	6788	$400 by Dec. 16, 2008

Exploration History

The history of discovery and production at both the Teck Hughes and Macassa Mines are covered in a number of government publications. The 1950 report by J. Thomson and the 1964 report by G. Charlewood provide the best background.

2005 Diamond Drilling Summary

Drilling at Teck Hughes (3 holes) targeted both the South Break, 'F' vein, 'E' and 'Court' veins. Both the 'E' and 'Court' veins are hangingwall veins to the Main Break. The 'F' vein is a hangingwall vein to the South Break. Kirkland Lake Gold Inc. has mined on both the 'E' and 'Court' veins from the Lakeshore ramp. A small open pit was completed on the 'E' vein. The two holes on Macassa were targeting the potential west extension of the South Break structure.
Five BQ diamond drill holes were completed between April 19/05 and December 11/05. All core was logged at the Macassa #3 Shaft core shack. Samples for assay testing were split with the remaining half of the core retained for future reference. All core is stored at the Macassa #3 Shaft storage facility. The drill holes are summarized as follows:

DRILL HOLE	CLAIM	NORTHING	EASTING	AZIMUTH	DIP	LENGTH
TH-05-04	P-16626	7+36S	64+72E	324	-52	1,083'
TH-05-05	P-16626	7+36S	64+72E	318	-61	988'

TH-05-06	P-16626	7+36S	64+72E	334	-45	899'
SV-05-96	P-5926	19+34S	11+26W	309	-45	1,470'
SV-05-97	P-2639	22+98S	39+73W	309	-45	1,505'

Total footage drilled = 5,945 feet

Summary Of Results

TH-05-04

378.0' – 379.3'	0.09 opt/1.3' (F Vein)
727.0' – 728.2'	0.09 opt/1.2'
733.2' – 734.2'	0.08 opt/1.0' (Court Vein)

TH-05-05

440.5' – 442.0'	0.09 opt/1.5' (F Vein)

TH-05-06 - No Significant Values

SV-05-96 - No Significant Values

SV-05-97 - No Significant Values

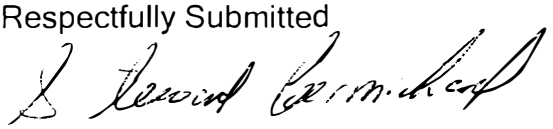
Summary of Expenses

Drilling:	$93,732.00
Core Boxes:	$1,500.00
Assays:	$1,363.00
Logging:	$1,500.00
Report:	$1,000.00
TOTAL:	$99,095.00

Summary and Conclusions

It might be a good idea to drill south of the `04 Break from Macassa 5000 and 5300 levels. Could be some good stuff out there.
No further surface drilling is recommended at this time.

Respectfully Submitted



Stewart Carmichael, B.Sc., FGAC, P.Geo
Chief Exploration Geologist

Appendix A – References

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Savage, W.S., 1964: Mineral Resources and Mining Properties in the Kirkland Lake -Larder Lake Area; Ontario Department of Mines, Mineral Resources Circular No. 3, 108p.

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1950, Geology of Teck Township and the Kenogami Lake area: Ontario Department of Mines, Annual Report for 1948, v. 57, pt. 5, pp. 1-53, accompanied by maps 1945-1 and 1946-2, scale 1:12,000 or 1: to 1,000 feet.

Various assessment files on record at the Resident Geologists Office, Kirkland Lake

Appendix B – Certificate of Qualifications

STEWART CARMICHAEL, P.GEO.

I, Stewart Carmichael, P.Geo, do hereby certify that:

1. I am currently employed as the Chief Exploration Geologist by:
   Kirkland Lake Gold Inc.
   P.O.Box 370
   Kirkland Lake, Ontario, Canada
   P2N 3J1

2. I graduated with a Bachelor of Science degree, from McMaster University in 1982.

3. I am a member of the Association of Professional Geoscientists of Ontario

4. I am a Fellow of the Geological Association of Canada

4. I have worked as a geologist for a total of 22 years since my graduation from university.

5. I have been employed at the Macassa Mine property since April, 2002.

6. I have made use of internal documents and files as well as files at the Ministry of Northern Development and Mines, Kirkland Lake.

Dated this 10th Day of April, 2007

(Signed)

S. Stewart Carmichael

Stewart Carmichael, P.Geo.
Chief Exploration Geologist

Appendix C – Diamond Drill Logs and Assay Certificates

CEGEP Rouyn Noranda
DRILLING LOG

Property: TH

Heath ; Sherwood

Hole no: TH-05-04 Zone no: Contractor: H&S Started: 19/04/2005
Canton : Teck Completed: 23/04/2005
Lot : Rang : Claim no: 16626

Puit # : Level : Surface Section: 6472E Working officTeck Hughes

Collar coordonate : Line : 64+72 E Latitude: 10354.00N Azimuth: 324° 0' 0"
Station: 7+36 S Longitude: 10944.00E Dip: -52° 0' 0"
Reference system : Elevation: 11076.00 Depth:1083.00

JM

Deviation tests :

Depth	Dip	Az Truth
53.00 F	-51°36' 0"	324° 6' "
253.00 F	-51°12' 0"	321°30' "
453.00 F	-50°54' 0"	323° 6' "
653.00 F	-50°36' 0"	322°12' "
853.00 F	-50°18' 0"	322°36' "
1083.00 F	-49° 6' 0"	325°54' "

Comments :

Water debit: Plug: Car érée: BQ
Cement : Core size: Localisation :
Description :

Logged by : CE Date logged: 26/04/2005 Hole no: TH-05-04

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	
0.00	5.00	CASING.					
5.00	116.10	Basic syenite: fresh dark grey; mg to cg augite phenocrysts along with local felsic ribs, local alt'n and tr fg to mg py. 116.00 116.20 Contact @ 24 deg TCA.					
116.10	125.40	Syenite porphyry: fresh reddish brown with mod to well developed phenocrysts along with local alt'n, tr qtz/crb stgs and tr fg to mg py. 125.30 125.50 Contact @ 62 deg TCA					
125.40	146.00	Basic syenite (see description above). 135.40 136.40 Local sil and bl; 1/4" crb +/- qtz vein @ 62 deg TCA; 2% fg py	50531	135.40	136.40	1.00	.003
		145.60 147.30 Rusty flt @ 56 deg TCA; mod sil; crb +/- qtz stgs @ 50 deg TCA; 1-2% fg py.	50537	145.60	147.30	1.70	.007
146.00	313.00	Felsic syenite (see description above). 146.00 147.10 Flt'd contact @ 56 deg TCA.					
		162.00 175.00 Mod to strong sil and bl; qtz/crb stgs @ 35-40 deg TCA; 1-2% fg py.	50532	162.00	164.00	2.00	.01
			50533	164.00	167.00	3.00	.005
			50534	167.00	170.00	3.00	.002
			50535	170.00	173.00	3.00	.023
			50536	173.00	175.00	2.00	.011
		188.50 188.80 Chl flt with gouge @ 26 deg TCA.					
		219.00 221.00 Strong sil and mod bl; crb stgs @ 45 deg TCA; 1-2% fg py.	50538	219.00	221.00	2.00	.03
		285.10 285.50 Strong chl slp @ 26 deg TCA.					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	
313.00	344.10	Basic syenite (see description above).					
		334.60 336.70 Chl flt @ 12 deg TCA controlling qtz/crb stgs; 1% fg py. 334.70 336 00 Chl flt @ 12 deg TCA.	50539	334.60	336 70	2.10	.001
		344 00 346.00 Mod sil; crb stgs @ 42 deg TCA; 1-2% fg to mg py.	50540	344.00	346.00	2.00	.001
344.10	345.90	Felsic rib.					
345.90	358.50	Basic syenite (see description above).					
358.50	603.00	Felsic syenite (see description above).					
		376.00 377.00 Mod sil; tr-1% fg py	50541	376.00	377.00	1.00	.002
		377.00 378.00 Mod to strong sil and bl; qtz stgs @ 40 deg TCA; 2-3% fg py.	50542	377.00	378.00	1.00	.005
		378.00 379.30 Strong sil and bl as well as local ser alt'n; 2" bx qtz flooded zone along with 1" milky qtz stg zone @ 40 deg TCA (F-Vein); 5% fg py. 378.70 378.90 1" milky qtz stg zone @ 40 deg TCA (F-Vein).	50543	378.00	379.30	1.30	.09
		379.30 381.00 Mod to strong sil; qtz stgs @ 45 deg TCA along with strong flt with 1/4" gouge @ 35 deg TCA; tr 1% fg py. 380.60 380.80 Strong flt with clay gouge @ 35 deg TCA.	50544	379.30	381.00	1.70	.02
		381.00 382.00 Strong sil and mod bl, myl brk @ 65 deg TCA; 1rr qtz stgs; 2-3% fg py.	50545	381.00	382.00	1.00	.04

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		381.20 381.40 Myl brk @ 65 deg TCA									
		382.00 384.00 Strong sil and mod bl; irr qtz stgs; 2% fg py.	50546	382.00	384.00	2.00	.007				
		384.00 387.00 Same as above.	50547	384.00	387.00	3.00	.007				
		387.00 388.40 Same as above.	50548	387.00	388.40	1.40	.008				
		388.40 391.00 Strong sil and local ser alt'n; strong myl brk with clay gouge @ 42 deg TCA (South Brk) along with strong flt @ 24 deg TCA with 1/2" clay gouge; 2% fg py.	50549	388.40	391.00	2.60	.011				
		389.00 389.20 Strong myl brk with clay gouge @ 42 deg TCA (South Brk).									
		390.00 390.60 Strong flt @ 24 with 1/2" clay gouge.									
		391.00 392.00 Mod to strong sil; tr qtz stgs; tr fg py.	50550	391.00	392.00	1.00	.001				
		392.00 394.00 Strong sil and bl along with local ser alt'n; myl brk @ 26 deg TCA with fol @ 26 throughout; qtz stgs following fol; 2-3% fg py.	50551	392.00	394.00	2.00	.009				
		393.00 393.40 Myl brk @ 26 deg TCA.									
		394.00 397.00 Strong sil and bl with pentrative ser alt'n; fol @ 24 deg TCA; irr qtz stgs; 1% fg py.	50552	394.00	397.00	3.00	.005				
		397.00 398.00 Mod sil; tr qtz stgs; tr fg py.	50553	397.00	398.00	1.00	.001	50554	BLANK	.001	
		413.50 414.50 Mod sil; slp @ 54 deg TCA; 1/4" irr	50555	413.50	414.50	1.00	.001				

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	
		smokey qtz vein @ approx 54 deg TCA; 1-2% fg to mg py.					
		494 00 495 00 Slp @ 35 deg TCA controlling 1/2" qtz/crb/chl vein; 1% py.	50556	494 00	495.00	1.00	.001
603.00	632.50	Basic Syenite (see description above).					
632 50	635.00	Felsic syenite (see description above).					
635.00	678.00	Basic syenite (see description above).					
678.00	758 00	Felsic syenite (see description above).					
		718.80 719.80 Mod sil and bl; 1" qtz/crb vein @ 32 deg TCA with 2-3% fg py halo.	50557	718.80	719 80	1.00	.010
		723.00 725.00 Mod sil; tr fg py.	50558	723.00	725.00	2.00	.002
		725.00 726.00 Mod to strong sil; irr qtz stgs; 3-5% fg py.	50559	725.00	726.00	1.00	.03
		726.00 727.00 Strong sil and mod bl; bx qtz flooding; 3% fg py	50560	726.00	727.00	1.00	.06
		727.00 728.20 Strong sil and bl; qtz stgs @ 44 deg TCA; 3-5% fg py.	50561	727.00	728.20	1.20	.091
		728.20 729 20 Mod sil; tr qtz stgs; tr 1% fg py.	50562	728.20	729.20	1.00	.006
		729.20 730.20 Mod to strong sil and local bl; 3" bx milky qtz vein @ 60; 3 5% fg py.	50563	729.20	730.20	1.00	.047
		730.20 731.20 Mod to strong sil; qtz stgs @ 80 deg TCA; tr fg py	50564	730.20	731.20	1.00	.001
		731.20 733.20 Mod to strong sil and local bl; 1/2" milky qtz vein @ 44 deg TCA; 2 3% fg py.	50565	731.20	733.20	2.00	015

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		733.20 734.20 Strong sil; 4" smokey qtz vein zone @ 52 deg TCA (Court Vein); 5% fg py. 733.60 734.10 4" smokey qtz vein zone @ 52 deg TCA (Court Vein).	50566	733.20	734.20	1.00	.084				
		734.20 736.20 Mod sil and local hem; 1/4" milky qtz vein @ 64 deg TCA; tr 1% fg py.	50567	734.20	736.20	2.00	.006				
		736.20 738.20 Mod sil and hem; 1/2" smokey qtz vein @ 48 deg TCA along with multiple qtz stgs; 2-3% fg py.	50568	736.20	738.20	2.00	.030	.030	.029		
		738.20 740.20 Mod sil and hem; 1/2" milky qtz vein @ 66 deg TCA; 5% fg py.	50569	738.20	740.20	2.00	.014	.014	.013		
		740.20 743.00 Mod sil; t qtz stgs; tr-1% fg py.	50570	740.20	743.00	2.80	.002				
758.00	802.70	Basic syenite (see description above).									
802.70	951.20	Syenite porphyry (see description above). 802.70 802.70 Contact @ 82 deg TCA. 951.10 951.30 Contact @ 28 deg TCA.									
951.20	959.80	Felsic syenite (see description above). 959.70 959.90 Contact @ 44 deg TCA.									
959.80	1007.20	Syenite porphyry (see description above).									
1007.20	1083.00	Basic syenite (see description above). 1007.20 1007.20 Contact @ 62 deg TCA.									
		1083.001083.00 END OF HOLE.									

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)
		END OF HOLE Total number of samples : 39 Total length sampled : 66.80 Core stored at Macassa # 3 Shaft D. Carmichael April 10/07				

CEGEP Rouyn Noranda
DRILLING LOG

Property: TH

Hole no: TH-05-05 Zone no: Contractor: H&S (Heath & Sherwood) Started: 24/04/2005
Canton : Teck Completed: 27/04/2005
Lot : Rang : Claim no: 16626

Puit # : Level : Surface Section: 6472E Working offic Teck Hughes

Collar coordonate : Line : 64+72 E Latitude: 10354.00N Azimuth: 318° 0' 0"
Station: 7+36 S Longitude: 10944.00E Dip: -61° 0' 0"
Reference system : Elevation: 11076.00 Depth: 988.00

Deviation tests :

Depth	Dip	Az Truth
53.00 F	-60°36' 0"	318°30' "
253.00 F	-60°12' 0"	318°36' "
453.00 F	-59°54' 0"	318°30' "
653.00 F	-59°30' 0"	318°42' "
988.00 F	-55° 0' 0"	318°24' "

Comments :

Water debit: Plug: Car érée: BQ
Coment : Core size: Localisation :
Description :

Logged by : CE Date logged: 19/05/2005 Hole no.: TH 05 05

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)			
0.00	9.00	CASING.							
9.00	127.00	Basic syenite: fresh dark grey mg with rounded augites as well as local felsic ribs; tr-1% qtz/crb stgs and tr fg to mg py. 36.40 36.70 Minor rusty flt @ 34 deg TCA.							
127.00	135.50	Felsic syenite: fresh salmon pink with 1% qtz/crb stgs and tr fg to mg py.							
135.50	152.10	Basic syenite (see description above). 146.90 147.90 Bl and sil; qtz stgs @ 65 deg TCA; 7-10% fg to mg py.	66143	146.90	147.90	1.00	.006		
152.10	170.40	Felsic syenite (see description above). 153.60 154.60 Bl and sil; 1/2" qtz vein @ 55 deg TCA; 5% fg to mg py.	66144	153.60	154.60	1.00	.009		
		161.00 163.00 Bl and sil; 3% fg to mg py.	66145	161.00	163.00	2.00	.016	.015	.017
170.40	191.20	Basic syenite (see description above).							
191.20	330.00	Felsic syenite (see description above). 221.70 222.70 Mod sil; chl slp @ 35 deg TCA with 3-5% py "smeared" on slp surface.	66146	221.70	222.70	1.00	.003		
		227.50 228.50 Mod sil; slp @ 55 deg TCA with 5% py "smeared" on slp surface. 251.30 251.60 2" bullish crb vein @ 55 deg TCA.	66147	227.50	228.50	1.00	.001		
330.00	472.10	Basic syenite (see description above). 431.00 434.00 Hem and sil; trr qtz/crb stgs; 3% fg py.	66148	431.00	434.00	3.00	.011	.009	.012

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		434.00 436.00 Same as above with tr 1% fg py.	66149	434.00	436.00	2.00	.002				
		436.00 437.00 Sil; brk @ 50 deg TCA controlling 5" smokey grey qtz/moly vein (F-Vein); 3% fg py. 436.40 436.50 Brk @ 50 deg TCA. 436.40 436.90 5" smokey grey qtz/moly vein @ 50 deg TCA.	66150	436.00	437.00	1.00	.025				
		437.00 439.00 Mod sil; irr qtz stgs; 2% fg py.	66151	437.00	439.00	2.00	.018				
		439.00 440.50 Sil and bl; 1" milky qtz vein @ 45 deg TCA; 3-5% fg py. 439.60 439.80 1" milky qtz vein @ 45 deg TCA.	66152	439.00	440.50	1.50	.049				
		440.50 442.00 Bl and sil; 5" smokey grey qtz/moly vein @ 52 deg TCA (F-vein); 3-5% fg py. 440.80 441.60 5" smokey grey qtz/moly vein @ 52 deg TCA.	66153	440.50	442.00	1.50	.086	.076	.095		
		442.00 444.00 Bl and sil; qtz stgs @ 35 deg TCA; 2-3% fg py.	66154	442.00	444.00	2.00	.038				
		444.00 447.00 Bl and sil, irr qtz stgs; 1-2% fg py.	66155	444.00	447.00	3.00	.031				
		447.00 450.00 Same as above.	66156	447.00	450.00	3.00	.019				
		450.00 453.00 Same as above with minor myl brk @ 24 deg TCA.	66157	450.00	453.00	3.00	.010	.010	.010		

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		451.60 451.90 Minor myl brk @ 34 deg TCA.									
		453.00 455.00 Bl and sil with local ser; broken core; irr qtz stgs; 1-2% fg py.	66158	453.00	455.00	2.00	.006				
		455.00 457.50 Bl and sil with local ser @ 45 deg TCA; tr-1% fg py.	66159	455.00	457.50	2.50	.001				
		457.50 459.50 Strong bl and sil; strong brk @ 30 deg TCA (South Brk) with ser defining fol @ approx. 30 deg TCA; highly broken core; 2% fg py and 5% spec hem. 457.90 459.10 Strong brk @ 30 deg TCA (South Brk).	66160	457.50	459.50	2.00	.004				
		459.50 461.00 Sil and ser; irr qtz/crb stgs; tr-1% fg py.	66161	459.50	461.00	1.50	.001				
		461.00 464.00 Same as above.	66162	461.00	464.00	3.00	.001	66163	BLANK	.001	
		472.00 473.00 Strong sil; 1/4" milky qtz vein @ 70 deg TCA; 1-2% fg py.	66164	472.00	474.00	2.00	.004				
472.10	630.40	Felsic syenite (see description above).									
		480.00 483.00 Mod sil and bl; irr qtz +/- crb stgs; 1% fg py.	66165	480.00	483.00	3.00	.001				
630.40	672.80	Bimodal porphyry: fresh dark reddish brown with mod to well developed small phenocrysts along with large euhedral phenocrysts; tr 1% qtz/crb stgs and tr fg to mg py									
672.80	680.80	Felsic syenite (see descripiton above).									
680.80	988.00	Basic syenite (see description above 699.20 699.70 Flt @ 30 deg TCA controlling 1" crb									

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		+/ qtz vein with ser defining fol @ 30 deg TCA.									
737.00	739.00	Sil and bl; brk @ 65 deg TCA controlling 1/2" crb/qtz vein; 1-2% fg to mg py. 738.10 738.20 Brk @ 65 deg TCA controlling 1/2" crb/qtz vein.	66166	737.00	739.00	2.00	.004				
739.00	740.00	Strong sil and bl; 3/4" bx smokey grey qtz vein @ 58 deg TCA; 3-5% fg py. 739.20 739.40 3/4" bx smokey grey qtz vein @ 58 deg TCA.	66167	739.00	740.00	1.00	.012	.011	.012		
740.00	741.00	Bl and sil; irr qtz/crb stgs throughout; 5% fg py.	66168	740.00	741.00	1.00	.008				
741.00	742.00	Strong sil and bl with local ser alt'n; myl brk @ 68 deg TCA controlling 1" bx smokey grey qtz vein; 3-5% fg py. 741.30 741.50 Myl brk @ 68 deg TCA controlling 1" bx smokey grey qtz vein.	66169	741.00	742.00	1.00	.035	.037	.032		
742.00	744.00	Strong sil and bl; tr irr qtz/crb stgs; tr 1% fg py.	66170	742.00	744.00	2.00	.025				
744.00	746.00	Same as above. 819.40 820.40 Flt @ 34 deg TCA. 923.00 924.00 Flt with clay gouge @ 30 deg TCA. 955.00 956.00 Flt zone @ 15 deg TCA.	66171	744.00	746.00	2.00	.002				

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)
		END OF HOLE				
		Total number of samples : 28				
		Total length sampled : 53.00				
		Core stored at Nacassa #3 Shed S. Cermichael April 10/07				

CEGEP Rouyn-Noranda
DRILLING LOG

Property: TH

Hole no: TH-05-06 Zone no: Contractor: H&S Heath & Sherwood Started: 27/04/2005
Canton : Teck Completed: 01/05/2005
Lot : Rang : Claim no: 16626

Puit # : Level : Surface Section: 6472E Working officTeck Hughes

Collar coordonate : Line : 64+72 E Latitude: 10354.00N Azimuth: 334° 0' 0"
Station: 7+36 S Longitude: 10944.00E Dip: -45° 0' 0"
Reference system : Elevation: 11076.00 Depth: 899.00

Deviation tests :

Depth	Dip	Az Truth
42.00 F	-43°54' 0"	334°12' "
297.00 F	-43°48' 0"	330°18' "
497.00 F	-43°42' 0"	331°42' "
697.00 F	-43°24' 0"	333° 6' "
897.00 F	-42°48' 0"	334°48' "

Comments :

Water debit: Plug: Car érée: BQ
Cement : Core size: Localisation :
Description :

Logged by : CE Date logged: 20/05/2005 Hole no: TH 05 06

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)				
0.00	12.00	CASING.								
12.00	102.50	Basis syenite: dark grey/black coarse grained with rounded augite crystals as well as local felsic ribs; 1% qtz/crb stgs and tr fg to mg py. 62.00 63.00 Flt @ 18 deg TCA. 77.00 77.30 Flt with clay gouge @ 30 deg TCA.								
102.50	111.60	Syenite porphyry: dark reddish brown with mod to well developed phenocrysts along with 1% qtz/crb stgs and tr fg to mg py.								
111.60	149.20	Basic syenite (see description above). 134.30 135.30 Mod to strong sil; qtz/ser stgs @ 70 deg TCA; 5% fg py.	66172	134.30	135.30	1.00	.018			
149.20	264.00	Felsic syenite: mg, light salmon pink with tr-1% qtz/crb stgs, local alt'n and tr fg to mg py. 191.30 192.00 Rusty flt @ 36 deg TCA. 235.60 236.60 Flt with clay gouge @ 20 deg TCA. 254.50 263.40 Fractured flt zone @ 10 deg TCA.								
264.00	406.80	Basic syenite; dark greyish black with local felsic ribs; tr-1% qtz stgs and tr py. 281.50 282.50 Strong sil; irr qtz stgs; 5% fg py. 312.00 314.00 1" felsic rib with 1-2% fg to mg py. 322.00 325.00 Mod sil; 1% qtz stgs; 1% fg to mg py. 325.00 326.00 Mod sil; 1/2" qtz/crb vein @ 65 deg TCA;	66173 66174 66175 66176	281.50 312.00 322.00 325.00	282.50 314.00 325.00 326.00	1.00 2.00 3.00 1.00	.004 .001 .001 .036	032	.039	

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	
		2 3% fg to mg py.					
		325.30 325.40 1/2" qtz/crb vein @ 65 deg TCA.					
		326.00 329.00 Wk sil; tr qtz stgs; tr py.	66177	326.00	329.00	3 00	.004
		329.00 330.50 Same as above with increased sil.	66178	329.00	330 50	1.50	.001
		330.50 332.50 Mod sil; rusty brk @ 52 deg TCA; 1% fg to mg py. 330 80 331.00 Rusty brk @ 52 deg TCA.	66179	330.50	332.50	2.00	.001
		332.50 334.00 Mod to strong sil; 1.5" grey qtz vein @ 52 deg TCA (F-Vein); 3-5% fg to mg py. 333.50 333.80 1.5" grey qtz vein @ 52 deg TCA (F-Vein).	66180	332.50	334.00	1.50	.010
		334.00 335.00 Mod to strong sil and felsic composition; 3% qtz stgs; brk @ 36 deg TCA; 3-5% fg to mg py. 334.70 335.00 Strong brk @ 35 deg TCA.	66181	334.00	335.00	1.00	.012
		335.00 338.00 Mod to strong sil with local rusty zones; tr qtz stgs and tr py	66182	335.00	338.00	3.00	.007
		338.00 341.00 Same as above.	66183	338.00	341.00	3.00	048
		341 00 343.00 Same as above without rusty zones.	66184	341.00	343.00	2 00	.007
		343.00 344.70 Same as above.	66185	343.00	344 70	1.70	.003

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	
		344.70 345.70 Mod sil and strong ser alt'n; brk with highly broken core @ 52 deg TCA controlling 1/4" qtz vein as well as foliation; 1% fg to mg py. 344.80 345.10 Strong brk with highly broken core @ 52 deg TCA controlling 1/4" qtz vein.	66186	344.70	345.70	1.00	.003
		345.70 347.70 Sil and ser; strong brk @ 52 deg TCA (South Break) controlling foliation; tr-1% py. 346.80 347.00 South brk @ 52 deg TCA.	66187	345.70	347.70	2.00	.001
		347.70 350.70 Wk ser alt'n; tr qtz stgs; tr py	66188	347.70	350.70	3.00	.001
406.80	433 50	Felsic syenite (see description above).					
433.50	442 80	Bimodal porphyry: dark purplish brown with small mod to well developed phenocrysts and large euhedral phenocrysts along with tr qtz stgs and tr py.					
442.80	508.00	Felsic syenite (see description above). 507.90 508.00 Contact @ 50 deg TCA.					
508 00	512 20	Bimodal porphyry (see description above).					
512 20	533 00	Felsic syenite (see description above).					
533.00	657.10	Basic syenite (see description above).					
657 10	789.80	Syenite porphyry (see description above).					
		704 80 705.80 Chl slp @ 85 deg TCA controlling 1/4" grey qtz vein; 2 3% fg py. 705.10 705.20 Chl slp @ 85 deg TCA controlling 1/4" grey qtz vein.	66189	704.80	705.80	1.00	.020

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)					
		710.00 712.00 Strong bl and sil with irr grey qtz stgs; 3% fg py.	66190	710.00	712.00	2.00	.026	.026	.026		
		712.00 713.00 Same as above with local ser alt'n.	66191	712.00	713.00	1.00	.025				
789.80	797.40	Felsic syenite (see description above).									
797.40	816.00	Syenite porphyry (see description above).									
		806.50 807.50 Mod sil; irr qtz stgs; tr-1% fg py.	66192	806.50	807.50	1.00	.005	.004	.005		
		807.50 808.50 Mod to strong sil; local irr qtz stgs zone; 3-5% fg py.	66193	807.50	808.50	1.00	.017				
		808.50 809.50 Mod sil; irr qtz stgs; tr-1% py.	66194	808.50	809.50	1.00	.001				
		814.00 816.00 Strong sil and bl; local greyish qtz stgs; 2" bullish qtz/crb vein @ 50 deg TCA; 3% fg py. 815.70 816.00 2" bullish qtz/crb vein @ 50 deg TCA.	66195	814.00	816.00	2.00	.023				
816.00	899.00	Basic syenite (see description above).									
		816.00 818.00 Mod sil and wk bl; irr qtz/crb stgs; 1% fg py.	66196	816.00	818.00	2.00	.003	.002	.003		
		END OF HOLE Total number of samples : 25 Total length sampled : 43.70 core stored at Macassa #3 Shaft S. Germain April 10/07									

CEGEP Rouyn Noranda
DRILLING LOG

Property: SOUTH VEIN

Hole no: SV 05-96 Zone no: Contractor: H&S Started: 19/11/2005
Canton : Teck Completed: 29/11/2005
Lot : Rang : Claim no: P-5926

Puit # : Level : Surface Section: 1100W Working officEdge Of Macassa Tail

Collar coordonate : Line : 11+26 W Latitude: 11516.00N Azimuth: 309° 0' 0"
Station: 19+34 S Longitude: 12505.00E Dip: -45° 0' 0"
Reference system : Elevation: 65.00 Depth:1470.00

MW

Deviation tests :

Depth	Dip	Az Truth
50.00 F	-44°18' 0"	311°30' "
200.00 F	-43°30' 0"	311°54' "
400.00 F	-42°24' 0"	313°30' "
600.00 F	-41°36' 0"	313°36' "
800.00 F	-44°24' 0"	314° 6' "
1000.00 F	-39°12' 0"	314°42' "
1470.00 F	-37°36' 0"	318°24' "

Comments :

Water debit: Plug: Car érée: BQ
Cement : Core size: Localisation :
Description :

Logged by : CE Date logged: 08/12/2005 Hole no: SV-05-96

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
0.00	7.00	Casing.										
7.00	243.50	CONGLOMERATE: polymictic, dark greenish grey with greywacke matrix along with local alt'n and tr fg to mg py. 155.50 156.50 Rusty sandy flt @ 59 deg TCA. 187.30 187.70 Chl slp with myl fabric @ 50 deg TCA.										
243.50	418.50	GREYWACKE: Dark greenish grey, medium to coarse grained with local alt'n 1% qtz/crb stgs and tr fg to mg py. 267.50 268.70 Disced core.										
		401.00 402.00 Wk to mod ser alt'n and bl; 10% irr qtz +/- crb stgs; 3-5% local fg py.	169501	401.00	402.00	1.00	.001					
		418.00 420.00 Mod bl and sil with local ser alt'n; slp @ 64 controlling 1/4" qtz/crb stg; 1% mg py. 418.20 418.30 Chl slp @ 64 deg TCA controlling 1/4" qtz/crb stg.	169502	418.00	420.00	2.00	.001					
418.50	474.00	SYENITE PORPHYRY: dark reddish brown, medium grained with mod to well developed phenocrysts along with local bl and chl/ser alt'n; 1% qtz/crb stgs and tr-1% fg to mg py.										
		418.50 418.60 Contact @ 60 deg TCA.										
		468.50 470.00 Mod bl and ser alt'n; chl slps @ 46 deg TCA controlling qtz/crb stgs; 1% fg py. 468.80 468.90 Slp @ 46 deg TCA controlling qtz/crb stg.	169503	468.50	470.00	1.50	.001					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		469.40 469.50 Chl slp @ 46 deg TCA with local alt'n.										
		473.70 474.70 Mod bl and local chl/ser alt'n; chl slp @ 65 deg TCA controlling 3/4" qtz/crb vein; tr-1% fg py.	169504	473.70	474.70	1.00	.001					
474.00	525.00	GREYWACKE: see description above.										
		474.00 474.20 Chl slp @ 65 deg TCA controlling 3/4" qtz/crb vn.										
		494.30 495.30 Local mod to strong sil and mod ser/chl alt'n; slp @ 67 deg TCA controlling 1" qtz +/- crb vn; 1-2% fg py.	169505	494.30	495.30	1.00	.001					
		494.60 494.70 Slp @ 67 controlling 1" qtz vn.										
525.00	554.40	CONGLOMERATE: see description above.										
		525.70 526.70 Local mod ser/chl alt'n; 1" qtz/crb vn @ 76 deg TCA; 2-3% fg py associated with vn	169506	525.70	526.70	1.00	.001					
554.40	659.60	GREYWACKE: see description above.										
		650.80 651.80 Wk bl and ser alt'n; chl slp @ 72 deg TCA controlling 1/2 qtz/crb vn; 1% fg to mg py.	169507	650.80	651.80	1.00	.001					
		651.00 651.10 Chl slp @ 72 deg TCA controlling 1/2 qtz/crb vn.										
		659.50 659.60 Contact @ 60 deg TCA.										
659.60	751.90	SYENITE PORPHYRY: see description above.										
		681.50 683.50 Strong bl and mod to strong sil; chl slp	169508	681.50	683.50	2.00	.001					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		@ 64 deg TCA controlling 1/2 qtz/crb vn along with irr qtz/crb stgs; 1% fg py.										
		682.00 682.30 Chl/ser slp @ 64 deg TCA controlling 1/2 qtz/crb vn.										
		749.00 750.00 Mod bl and sil with local ser alt'n; tr-1% irr qtz stgs; tr fg py.	169509	749.00	750.00	1.00	.001					
		750.00 751.00 Mod to strong bl and sil; Mud Break @ 72 deg TCA with stronger alt'n halo and 1/8" gouge; 2-3% fg py.										
		750.00 750.10 Mud Break @ 72 deg TCA.	169510	750.00	751.00	1.00	.001					
		750.60 750.70 Mud Break @ 72 deg TCA with strong alt'n halo.										
		751.00 752.00 Mod to strong bl and sil; tr irr qtz stgs; tr-1% fg py.	169511	751.00	752.00	1.00	.001					
		751.80 751.90 Contact @ 50 deg TCA.										
751.90	872.00	GREYWACKE: see description above.										
		752.00 755.00 Mod bl and sil; tr qtz stgs; tr py.	169512	752.00	755.00	3.00	.001					
		755.00 756.50 Mod bl and sil; chl slp @ 40 deg TCA with ser alt'n defining foliation; tr qtz stgs; tr-1% fg py.	169513	755.00	756.50	1.50	.001					
		756.50 758.00 Wk alt'n; tr py.	169514	756.50	758.00	1.50	.001					
		758.00 760.00 Wk alt'n; slps @ 70 deg TCA with 1% fg py on slp planes.	169515	758.00	760.00	2.00	.001					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		760.00 761.50 Wk alt'n; chl/ser slps @ 54 deg TCA with 2-3% fg py on slp surfaces.	169516	760.00	761.50	1.50	.001					
		833.50 834.50 Wk alt'n; slp @ 20 deg TCA controlling 1/8" qtz vein; 3% fg py with vn. 833.70 833.90 Slp @ 20 deg TCA.	169517	833.50	834.50	1.00	.001					
		863.50 864.50 Local wk to mod ser alt'n; slp @ 36 deg TCA with 2-3% fg py on slp surface. 864.00 864.20 Ser alt'd slp @ 36 deg TCA.	169518	863.50	864.50	1.00	.001					
		871.80 872.80 Mod to strong bl and sil assoc with lith contact 2-3% fg to mg py.	169519	871.80	872.80	1.00	.001					
872.00	884.50	SYENITE PORPHYRY: see description above.										
		883.60 884.60 Mod with assoc with lith contact; 2-3% fg to mg py.	169520	883.60	884.60	1.00	.001					
884.50	965.00	GREYWACKE: see description above										
		944.00 945.00 Wk to mod chl/ser alt'n; slp @ 52 deg TCA controlling 1/2" qtz/crb vein; 1% fg py. 944.40 944.60 Chl slp @ 52 deg TCA.	169521	944.00	945.00	1.00	.001					
		949.00 950.00 Strong sil and mod ser alt'n; slp @ 60 deg TCA controlling 1/2" qtz/crb vein; 3% fg py. 949.50 949.70 Chl slp @ 60 deg TCA. 964.90 965.00 Contact @ 76 deg TCA.	169522	949.00	950.00	1.00	.001					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
965.00	1262.40	BIMODAL PORPHYRY: same as above long with larger well developed euhedral phenocrysts										
		970.00 971.30 Strong bl sil and ser alt'n; 1/2" qtz/crb/chl vein @ 65 deg TCA; 2-3% fg py. 970.20 970.30 Slp @ 65 deg TCA.	169523	970.00	971.30	1.30	.001					
1262.40	1500.00	GREYWACKE: see description above.	169524	1402.20	1403.20	1.00	.001					
		1402.301403.20 Mod local ser alt'n; 1/8" qtz vein @ 75 deg TCA; 2-3% py with vein. 1402.60 1402.70 1/8" qtz vein @ 75 deg TCA.										
		1444.701445.70 Local mod to strong sil, bl and ser alt'n; slp @ 50 deg TCA controlling 1/2" qtz vein; 3% fg py. 1445.20 1445.30 Slp @ 50 deg TCA controlling 1/2" QV.	169525	1444.70	1445.70	1.00	.001					
		END OF HOLE Total number of samples : 25 Total length sampled : 32.30										

Core stored at Macassa # 3 Shaft
S. Carmichael
April 10/07

CEGEP Rouyn Noranda
DRILLING LOG

Property: SOUTH VEIN

Heath; Sherwood

Hole no: SV 05 97 Zone no: Contractor: H&S Started: 30/11/2005
Canton : Teck Completed: 11/12/2005
Lot : Rang : Claim no: P 2639

Puit # : Level : Surface Section: 4000W Working officSouth Of #3 Shaft

Collar coordonate : Line : 39+73 W Latitude: 9680.00N Azimuth: 309° 0' 0"
Station: 22+98 S Longitude: 10300.00E Dip: -45° 0' 0"
Reference system : Elevation: 0.00 Depth:1505.00

MW

Deviation tests :

Depth	Dip	Az Truth
100.00 F	-45°30' 0"	302°54' "
300.00 F	-43°30' 0"	305°30' "
500.00 F	-42°42' 0"	305°24' "
705.00 F	-41°48' 0"	304°36' "
900.00 F	-41°18' 0"	309°12' "
1100.00 F	-40°36' 0"	307°48' "
1300.00 F	-39° 6' 0"	308°18' "

Comments :

Water debit: Plug: Car érée: BQ
Cement : Core size: Localisation :
Description :

Logged by : S Carmichael Date logged: 09/12/2005 Hole no: SV 05 97

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Aui Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
0.00	45.00	CASING.										
45.00	77.60	SYENITE PORPHYRY: reddish brown with 1% qtz +/ crb stgs; mod to well developed phenocrysts along with local alt'n; tr fg to mg py.										
		59.10 59.20 Fit with 1/8" mud gouge @ 66 deg TCA.										
77.60	153.10	TUFF: Dark green grey/black fine ash tuff; tr qtz/crb stgs and tr fg to mg py.										
		144.50 145.50 Fresh; tr py.	169526	144.50	145.50	1.00	.001					
		145.50 147.00 Mod to strong bl and sil with ser alt'n defining fol @ 76 deg TCA; 1% qtz/crb stgs @ 76 deg TCA; tr-1% fg py.	169527	145.50	147.00	1.50	.001					
		147.00 148.00 Wk alt'n; tr py.	169528	147.00	148.00	1.00	.001					
		148.00 149.50 Mod bl and sil with fol defined by ser alt'n @ 40-58 deg TCA; qtz stgs following fol; slp @ 40 deg TCA controlling 1/2 qtz vein; tr py.	169529	148.00	149.50	1.50	.001					
		148.10 148.20 Slp @ 40 deg TCA controlling 1/2 qtz vein.										
		149.50 152.00 Wk alt'n; 1% qtz stgs @ 60 deg TCA; tr py.	169530	149.50	152.00	2.50	.001					
		152.00 153.50 Strong bl sil and ser defining fol @ 50 deg TCA; 5% qtz stgs; chl/ser slps @ 50 deg TCA; 1% fg py.	169531	152.00	153.50	1.50						
		153.00 153.10 Chl/ser slp @ 50 deg TCA.										
153.10	186.60	SYENITE PORPHYRY: see description above.										

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		153.10 153.00 Contact @ 50 deg TCA.										
		153.50 155.00 Mod sil; tr py.	169532	153 50	155.00	1 50	0.001					
186.60	207 60	TUFF: Greenish grey fine ash tuff; local alt'n; up to 5% qtz/crb stgs; tr fg to mg py.										
		194.80 195.80 Strong chl slp @ 60 deg TCA; mod to strong bl and ser alt'n which defines foliation parallel to slp; 1/2" qtz/crb vein controlled by slp; tr-1% fg py.	169533	194.80	195.80	1 00	0.001					
		195.00 195.10 Strong chl slp @ 60 deg TCA.										
		195.80 197.00 Local mod to strong bl with irr qtz stgs; tr py.	169534	195.80	197.00	1.20	0.043	0.045	0.041			
		200.20 201.20 Mod bl and mod to strong local ser and chl alt'n; minor FAULT @ 50 deg TCA with clay gouge controlling 1/8" crb vein; mod fol @ 50 defined by ser; tr-1% fg py and 1% spec hem.	169535	200.20	201.20	1.00	0.005					
		200.80 201.00 Minor fault @ 50 deg TCA with clay gouge.										
		201.20 202.20 Wk alt'n; tr py.	169536	201.20	202.20	1.00	0.001					
		202 20 203.20 Local bl and ser with qtz/crb flooding; ser alt'd slp @ 68 deg TCA; 1% fg py.	169537	202.20	203.20	1.00	0.001					
		203.20 204.50 Mod bl; 1% irr qtz stgs; tr py.	169538	203.20	204.50	1.30	0.001					
		204.50 206.00 Mod bl with local ser alt'n; 1% irr qtz stgs; tr 1% fg py.	169539	204.50	206.00	1.50	0 001					

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		206.00 207.00 As above.	169540	206.00	207.00	1.00	0.001					
		207.00 208.00 Mod to strong bl and chl/ser alt'n; flt'd contact @ 68 deg TCA; irr qtz stgs; 1% fg py.	169541	207.00	208.00	1.00	0.001					
207.60	212.60	SYENITE PORPHYRY: as above.										
		208.00 211.00 Mod bl, sil and hem; strong slps @ 56 deg TCA; 1% fg py. 209.50 209.60 Strong slp @ 56 deg TCA.	169542	208.00	210.00	2.00	0.001					
			169543	210.00	211.00	1.00	0.002	0.002	0.001			
		211.00 214.00 Local strong sil and bl; block broken core. Strong flt with cly gouge @ 68 deg TCA (Hidden Break?) with strong ser alt'n defining fol; 1" flt controlled crb/qtz vein @ 68 deg TCA; tr-1% fg py.	169544	211.00	214.00	3.00	0.001			169545	BLANK	.001
212.60	297.80	TUFF: as above. 212.60 213.20 Strong FAULT with clay gouge @ 68 deg TCA with strong ser alt'n defining fol.										
		214.00 215.00 Wk alt'n; local qtz flooding; tr py.	169546	214.00	215.00	1.00	0.001					
		293.50 294.50 Slp @ 60 deg TCA controlling 1/2" Qtz vein; 1% fg py. 293.70 293.80 Slp @ 60 deg TCA controlling 1/2" QV.	169547	293.50	294.50	1.00	0.001					
297.80	394.70	SYENITE PORPHYRY: as above. 347.20 347.30 Fault with 1/8" clay gouge @ 40 deg TCA										

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		359.00 359.50 Strong flt @ 40 deg TCA with 1/8" clay gouge; flt has been healed showing in situ pieces of host rock.										
394.70	463.90	TUFF: as above.										
		394.70 394.80 Slp contact @ 52 deg TCA.										
463.90	553.50	SYENITE PORPHYRY: as above.										
		463.90 464.10 Contact @ 35 deg TCA.										
553.50	587.50	TUFF: as above.										
587.50	615.90	SYENITE PORPHYRY: as above.										
		587.50 587.60 Contact @ 46 deg TCA.										
615.90	690.70	GREYWACKE: Greenish grey medium grained with local alt'n; tr-1% qtz stgs and tr fg to mg py..										
		615.90 616.00 Contact @ 34 deg TCA.										
		617.70 618.70 Slp @ 45 deg TCA controlling myl qtz vein; tr fg py.	169548	617.70	618.70	1.00	0.001					
690.70	725.30	SYENITE PORPHYRY: as above.										
		710.00 710.40 1" bullish qtz/crb vein @ 28 deg TCA.										
725.30	892.00	GREYWACKE: as above.										
		729.00 729.10 Chl fault with clay gouge @ 60 deg TCA.										
		762.10 763.00 Slp @ 8 deg TCA with white/pink mineral (talc?) on slip plane.										

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		766.00 766.50 Flt @ 38 deg TCA with pink/apple green talc gouge.										
892.00	971.40	SYENITE PORPHYRY: as above.										
		925.50 925.70 Flt @ 38 deg TCA with clay gouge controlling 1/2" qtz/ank vein.										
		926.10 926.50 3" bullish qtz/ank vein @ 70 deg TCA.										
		961.90 962.60 Flt with clay gouge @ 8 deg TCA.										
		971.30 972.00 Strong contact flt with clay gouge @ 27 deg TCA.										
971.40	1045.30	CONGLOMERATE: fresh polymictic; greenish grey greywacke matrix; local alt'n; tr fg to mg py.										
1045.30	1085.20	TUFF: as above.										
		1051.001052.00 Wk alt'n; 3/4" myl qtz/crb vein @ 60 deg TCA; tr fg py.	169549	1051.00	1052.00	1.00	0.001					
1085.20	1308.00	CONGLOMERATE: as above.										
		1148.001149.00 Wk alt'n; 3/4" qtz vein @ 58 deg TCA; 1% fg py.	169550	1148.00	1149.00	1.00	0.001					
		1276.001277.90 Wk alt'n, tr py.	169551	1276.00	1277.90	1.90	0.001					
		1277.901279.00 Mod sil; minor BREAK @ 72 deg TCA controlling 1/4" qrz/crb vein; strong fol throughout interval @ 72 deg TCA; tr 1% fg to mg py.	169552	1277.90	1279.00	1.10	0.001					
		1278.00 1278.10 Minor break @ 72 deg TCA.										

FROM (F)	TO (F)	DESCRIPTION	Sample	FROM (F)	TO (F)	Length (F)	Au Oz/Ton	Au1 Oz/Ton	AuChk1 Oz/Ton	AuChk2 Oz/Ton	AuChk3 Oz/Ton	AuChk4 Oz/Ton
		1279.001280.00 Mod to strong sil with fol @ 70 deg TCA; slp @ 70 deg TCA controlling 1/4" qtz/crb vein; tr 1% fg py.	169553	1279.00	1280.00	1.00	0.001					
		1280.001282.00 As above with second BREAK @ 70 deg TCA controlling 1/4" qtz/crb vein wk fol @ 70 deg TCA; tr 1% fg py. 1281.60 1281.80 Second break @ 70 deg TCA.	169554	1280.00	1282.00	2.00	0.001					
		1282.001284.00 Weak fol still present with weak sil; tr py. 1297.70 1297.90 Flt with 1/4" clay gouge @ 54 deg TCA	169555	1282.00	1284 00	2.00	0.001					
1308.00	1344.50	SYENITE PORPHYRY: as above.										
1344.50	1505 00	CONGLOMERATE: as above.										
		END OF HOLE Total number of samples : 29 Total length sampled : 39.50 Long stope at Mercur #3 Shaft D. Carmichael April 10/07										

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Geochemical Analysis Certificate

5W-3192-RG1

Company: KIRKLAND LAKE GOLD INC.

Date: DEC-16-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 60 Core samples submitted DEC-13-05 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au 2ndCk PPB	Au oz/ton	Au Check oz/ton	Au 2nd oz/ton	Au 2ndCk oz/ton
168056	17	-	-	-	<0.001	-	-	-
168057	Nil	-	-	-	<0.001	-	-	-
168058	45	-	-	-	0.001	-	-	-
168059	14	-	-	-	<0.001	-	-	-
168060	Nil	Nil	-	-	<0.001	<0.001	-	-
168061	Nil	-	-	-	<0.001	-	-	-
168062	Nil	-	-	-	<0.001	-	-	-
168063	Nil	-	-	-	<0.001	-	-	-
168064	Nil	-	-	-	<0.001	-	-	-
168065	Nil	-	-	-	<0.001	-	-	-
169501	Nil	-	-	-	<0.001	-	-	-
169502	Nil	-	-	-	<0.001	-	-	-
169503	2	-	-	-	<0.001	-	-	-
169504	3	Nil	-	-	<0.001	<0.001	-	-
169505	Nil	-	-	-	<0.001	-	-	-
169506	Nil	-	-	-	<0.001	-	-	-
169507	Nil	-	-	-	<0.001	-	-	-
169508	Nil	-	-	-	<0.001	-	-	-
169509	2	-	-	-	<0.001	-	-	-
169510	Nil	-	-	-	<0.001	-	-	-
169511	Nil	-	-	-	<0.001	-	-	-
169512	Nil	-	-	-	<0.001	-	-	-
169513	Nil	-	-	-	<0.001	-	-	-
169514	31	-	-	-	<0.001	-	-	-
169515	10	-	-	-	<0.001	-	-	-
169516	2	-	-	-	<0.001	-	-	-
169517	Nil	-	-	-	<0.001	-	-	-
169518	Nil	-	-	-	<0.001	-	-	-
169519	65	72	-	-	0.002	0.002	-	-
169520	48	-	-	-	0.001	-	-	-

Certified by

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Geochemical Analysis Certificate

5W-3304-RG1

Company: **KIRKLAND LAKE GOLD INC.**

Date: DEC-28-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 38 Core samples submitted DEC-21-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
165109	41	-	0.001	-
165110	51	-	0.001	-
165111	65	-	0.002	-
165112	69	-	0.002	-
165113	24	-	<0.001	-
165114	Nil	-	<0.001	-
165115	45	-	0.001	-
165116	Nil	-	<0.001	-
165117	302	322	0.009	0.009
165118	99	-	0.003	-
165119	27	-	<0.001	-
165120	Nil	-	<0.001	-
165121	14	-	<0.001	-
165122	14	-	<0.001	-
165123	21	-	<0.001	-
168079	1039	1238	0.030	0.036
168080	10	-	<0.001	-
168081	27	-	<0.001	-
168082	Nil	-	<0.001	-
169532	Nil	-	<0.001	-
169533	Nil	-	<0.001	-
169534	1536	1416	0.045	0.041
169535	165	-	0.005	-
169536	2	-	<0.001	-
169537	Nil	-	<0.001	-
169538	7	-	<0.001	-
169539	Nil	-	<0.001	-
169540	Nil	-	<0.001	-
169541	Nil	-	<0.001	-
169542	Nil	-	<0.001	-

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Geochemical Analysis Certificate

5W-3304-RG1

Company: **KIRKLAND LAKE GOLD INC.**

Date: DEC-28-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 38 Core samples submitted DEC-21-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
169543	55	45	0.002	0.001
169544	24	-	<0.001	-
169545	Nil	-	<0.001	-
169546	Nil	-	<0.001	-
169547	Nil	-	<0.001	-
169548	Nil	-	<0.001	-
169549	Nil	-	<0.001	-
169550	3	-	<0.001	-

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Geochemical Analysis Certificate

5W-3192-RG1

Company: **KIRKLAND LAKE GOLD INC.** Date: DEC-16-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 60 Core samples submitted DEC-13-05 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au 2ndCk PPB	Au oz/ton	Au Check oz/ton	Au 2nd oz/ton	Au 2ndCk oz/ton
Blank	Nil	-	-	-	<0.001	-	-	-
STD OxJ36	2490	-	-	-	0.073	-	-	-

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5W-1513-RG1

Company: KIRKLAND LAKE GOLD INC.

Date: JUN-29-05

Project:

Attn: M.Sutton

We hereby certify the following Geochemical Analysis of 24 Core samples submitted JUN-24-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66174	Nil	-	<0.001	-
66175	Nil	-	<0.001	-
66176	1114	1320	0.032	0.039
66177	134	-	0.004	-
66178	Nil	-	<0.001	-
66179	Nil	-	<0.001	-
66180	329	-	0.010	-
66181	415	-	0.012	-
66182	223	-	0.007	-
66183	1639	-	0.048	-
66184	226	-	0.007	-
66185	113	-	0.003	-
66186	86	-	0.003	-
66187	Nil	-	<0.001	-
66188	Nil	-	<0.001	-
66189	679	-	0.020	-
66190	902	878	0.026	0.026
66191	843	-	0.025	-
147619	185	-	0.005	-
147620	535	-	0.016	-
147621	706	559	0.021	0.016
147622	27	-	<0.001	-
147623	555	-	0.016	-
147624	333	-	0.010	-
Blank	Nil	-	<0.001	-
STD OxK18	3278	-	0.096	-

Certified by Denis Chartrand

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Geochemical Analysis Certificate

5W-1248-RG1

Company: **KIRKLAND LAKE GOLD INC.**

Date: JUN-01-05

Project:

Attn: M.Sutton

We hereby certify the following Geochemical Analysis of 49 Core samples submitted MAY-30-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66148	312	401	0.009	0.012
66149	55	-	0.002	-
66150	867	-	0.025	-
66151	614	-	0.018	-
66152	1670	-	0.049	-
66153	2616	3274	0.076	0.095
66154	1299	-	0.038	-
66155	1049	-	0.031	-
66156	645	-	0.019	-
66157	333	326	0.010	0.010
66158	216	-	0.006	-
66159	17	-	<0.001	-
66160	130	-	0.004	-
66161	21	-	<0.001	-
66162	10	-	<0.001	-
66163	17	-	<0.001	-
66164	150	-	0.004	-
66165	Nil	-	<0.001	-
66166	147	-	0.004	-
66167	375	415	0.011	0.012
66168	264	-	0.008	-
66169	1279	1090	0.037	0.032
66170	864	-	0.025	-
66171	72	-	0.002	-
66172	610	-	0.018	-
66173	127	-	0.004	-
50951	3	-	<0.001	-
50952	10	-	<0.001	-
50953	Nil	-	<0.001	-
50954	2	-	<0.001	-

Certified by Denis Chartier

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5W-1236-RG1

Company: **KIRKLAND LAKE GOLD INC.**

Date: JUN-01-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 56 Core samples submitted MAY-26-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66143	212	-	0.006	-
66144	322	-	0.009	-
66145	528	569	0.015	0.017
66146	103	-	0.003	-
66147	Nil	-	<0.001	-
147810	Nil	-	<0.001	-
147861	62	-	0.002	-
147862	727	-	0.021	-
147863	1046	895	0.031	0.026
147864	79	-	0.002	-
147867	154	-	0.004	-
147868	147	-	0.004	-
147869	141	-	0.004	-
147872	65	-	0.002	-
147873	226	195	0.007	0.006
147874	Nil	-	<0.001	-
147875	93	-	0.003	-
147876	144	-	0.004	-
147877	168	-	0.005	-
147878	305	-	0.009	-
147879	72	-	0.002	-
147880	1474	1382	0.043	0.040
147881	370	-	0.011	-
147882	233	-	0.007	-
147883	394	-	0.012	-
147884	230	-	0.007	-
147885	158	-	0.005	-
147886	69	48	0.002	0.001
147887	99	-	0.003	-
147888	38	-	0.001	-

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5W-1513-RG1

Company KIRKLAND LAKE GOLD INC.

Date: JUN-29-05

Project:

Attn: M.Sutton

We hereby certify the following Geochemical Analysis of 24 Core samples submitted JUN-24-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66174	Nil	-	<0.001	-
66175	Nil	-	<0.001	-
66176	1114	1323	0.032	0.039
66177	134	-	0.004	-
66178	Nil	-	<0.001	-
66179	Nil	-	<0.001	-
66180	329	-	0.010	-
66181	415	-	0.012	-
66182	223	-	0.007	-
66183	1639	-	0.048	-
66184	226	-	0.007	-
66185	113	-	0.003	-
66186	96	-	0.003	-
66187	Nil	-	<0.001	-
66188	Nil	-	<0.001	-
66189	679	-	0.020	-
66190	902	879	0.026	0.026
66191	843	-	0.025	-
147619	185	-	0.005	-
147620	526	-	0.016	-
147621	706	559	0.021	0.016
147622	27	-	<0.001	-
147623	555	-	0.016	-
147624	333	-	0.010	-
Blank	Nil	-	<0.001	-
STD OXH28	3278	-	0.096	-

Certified by Denis Chantre

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5W-1236-RG1

Company: KIRKLAND LAKE GOLD INC.

Date: JUN-01-05

Project:

Attn: M. Sutton

We hereby certify the following Geochemical Analysis of 56 Core samples submitted MAY-26-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66143	212	-	0.006	-
66144	322	-	0.009	-
66145	528	569	0.015	0.017
66146	103	-	0.003	-
66147	Nil	-	<0.001	-
147810	Nil	-	<0.001	-
147861	62	-	0.002	-
147862	727	-	0.021	-
147863	1046	895	0.031	0.026
147864	79	-	0.002	-
147867	154	-	0.004	-
147868	147	-	0.004	-
147869	141	-	0.004	-
147872	65	-	0.002	-
147873	226	195	0.007	0.006
147874	Nil	-	<0.001	-
147875	93	-	0.003	-
147876	144	-	0.004	-
147877	168	-	0.005	-
147878	305	-	0.009	-
147879	72	-	0.002	-
147880	1474	1382	0.043	0.040
147881	370	-	0.011	-
147882	233	-	0.007	-
147883	394	-	0.012	-
147884	230	-	0.007	-
147885	158	-	0.005	-
147886	69	48	0.002	0.001
147887	99	-	0.003	-
147888	38	-	0.001	-

Certified by Denis Charette

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

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

5W-1248-RG1

Company: **KIRKLAND LAKE GOLD INC.**

Date: JUN-01-05

Project:

Attn: M.Sutton

We hereby certify the following Geochemical Analysis of 49 Core samples submitted MAY-30-05 by .

Sample Number	Au PPB	Au Check PPB	Au oz/ton	Au Check oz/ton
66148	312	401	0.009	0.012
66149	55	-	0.002	-
66150	867	-	0.025	-
66151	614	-	0.018	-
66152	1670	-	0.049	-
66153	2616	3274	0.076	0.095
66154	1299	-	0.038	-
66155	1049	-	0.031	-
66156	645	-	0.019	-
66157	333	326	0.010	0.010
66158	216	-	0.006	-
66159	17	-	<0.001	-
66160	130	-	0.004	-
66161	21	-	<0.001	-
66162	10	-	<0.001	-
66163	17	-	<0.001	-
66164	150	-	0.004	-
66165	Nil	-	<0.001	-
66166	147	-	0.004	-
66167	375	415	0.011	0.012
66168	264	-	0.008	-
66169	1279	1090	0.037	0.032
66170	864	-	0.025	-
66171	72	-	0.002	-
66172	610	-	0.018	-
66173	127	-	0.004	-
50951	3	-	<0.001	-
50952	10	-	<0.001	-
50953	Nil	-	<0.001	-
50954	2	-	<0.001	-

Certified by Denis Charette

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Telephone (705) 642-3244 Fax (705) 642-3300

MACASSA

TEGREN

KIRKLAND LAKE GOLD

#2 SHAFT

#3 SHAFT
4755

MILL

BYPASS GOLDTHORPE ROAD

GOLDTHORPE ROAD

#3 SHAFT DRIVE BACK TO MILL ROAD

MINE ACCESS ROAD

MACASSA LANE

THE KINGS HIGHWAY No. 66

DON LOU HOTEL

DD SV-05-96
Dip -45°
Depth: 1,470'

DD SV-05-97
Dip -45°
Depth: 1,505'

DD's TH-05-04,05,06
Dip: -45°
Depth: 1,470'

5967
5980
5343
1525
5045
5049
5929
5928
5927
5926
5692
5693
5688
5689
6219
6432
2634
2639
15396
2763
2762
2764
2641
2640
2771
2788
2642
4186
4185
2838
2857
2831
1233
1616
2830
1617
1236
2644
3044
1850
2604
1643
1238
3601
16626
16635
16634
16625
16624
16633
2672
L2757
L1567

LEGEND

DD SV-05-97
Dip -45°
Depth: 1,505'

KIRKLAND LAKE GOLD

MACASSA/TECK HUGHES PROJECT

DRILL HOLE LOCATION PLAN

TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.

50 0 50 100 150 200 Feet

SCALE 1:500

S. Carmichael April 16/07

DATE: APRIL 10/07		DRAWN BY: S.C.		DESIGNED	
DWG No. 1		DATAMINE		CHECKED	
				APPROVED	

DRILL HOLE SECTION 40+00W
SECTION LOOKING 057°
CLAIM P-2639/1225

CLAIM P-1225

CLAIM P-2639

COLLAR SV-05-97
AZIMUTH 309°
DIP -45°

SURFACE

PORPHYRY 400
TUFF 100
PORPHYRY
TUFF
PORPHYRY
TUFF
PORPHYRY 950
TUFF
PORPHYRY 800
GREYWACKE
PORPHYRY 700
GREYWACKE 950
PORPHYRY 800
CONGLOMERATE 1600
TUFF 1140
CONGLOMERATE 2000
PORPHYRY 1400
CONGLOMERATE

0 EL
-100 EL
-200 EL
-300 EL
-400 EL
-500 EL
-600 EL
-700 EL
-800 EL
-900 EL
-1000 EL
-1100 EL
-1200 EL

9005 10005 11005 12005 13005 14005 15005 16005 17005 18005 19005 20005 21005 22005 23005

Kirkland Lake Gold

MACASSA PROJECT

DRILL HOLE SECTION 40+00W
SECTION LOOKING 057°

TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.

0 3 6 3 5 7 10 Feet

SCALE 1: 50

LEGEND

BASIC SYENITE
CONGLOMERATE
DYKE
FELSIC SYENITE
GREYWACKE
PORPHYRY
TRACHYTE
TUFF

ALL ASSAYS REPORTED IN OUNCES PER TON
CORE LENGTH IN FEET

DATE: APRIL 13/07		DRAWN BY: S.C.	DESIGNED
DRAWING No. 2		DATAMINE	CHECKED
			APPROVED

DRILL HOLE SECTION 13+00W
SECTION LOOKING 057°
CLAIM P-5926

COLLAR SV-05-96
AZIMUTH 309°
DIP -45°

SURFACE

CONGLOMERATE 0 - 100
GREYWACKE 100 - 300
PORPHYRY 300 - 350
GREYWACKE 350 - 400
CONGLOMERATE 400 - 600
GREYWACKE 600 - 700
PORPHYRY 700 - 800
GREYWACKE 800 - 850
PORPHYRY 850 - 900
GREYWACKE 900 - 1300
PORPHYRY 1300 - 1350
GREYWACKE 1350 - 1570.5
SV-05-96

5000S 6000S 7000S 8000S 9000S 10000S 11000S 12000S 13000S 14000S 15000S 16000S 17000S 18000S 19000S

0EL -100EL -200EL -300EL -400EL -500EL -600EL -700EL -800EL -900EL -1000EL -1100EL

Kirkland Lake Gold

MACASSA PROJECT

DRILL HOLE SECTION 13+00W
SECTION LOOKING 057°

TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.

3 0 3 6 7 10 Feet

SCALE 1: 50

DATE: APRIL 25/07		DRAWN BY: S.C.		DESIGNED	
DRAWING No. 3		DATAMINE		CHECKED	
				APPROVED	

LEGEND

BASIC SYENITE
CONGLOMERATE
DYKE
FELSIC SYENITE
GREYWACKE
PORPHYRY
TRACHYTE
TUFF

ALL ASSAYS REPORTED IN OUNCES PER TON
CORE LENGTH IN FEET

DRILL HOLE SECTION 54+00W
SECTION LOOKING 057°
CLAIM P-16626

COLLAR TH-05-04
AZIMUTH 324°
DIP -52°

COLLAR TH-05-06
AZIMUTH 334°
DIP -45°

SURFACE

COLLAR TH-05-05
AZIMUTH 318°
DIP -61°

BASIC SYENITE
FELSIC SYENITE
PORPHYRY
CONGLOMERATE
DYKE
TRACHYTE
TUFF

TH-05-04
TH-05-06
TH-05-05

Kirkland Lake Gold

TECK HUGHES PROJECT

DRILL HOLE SECTION 65+00E
SECTION LOOKING 057°

TECK TOWNSHIP
DISTRICT OF TIMISKAMING, ONT.

3 0 3 5 7 10 Feet

SCALE 1: 50

DATE: APRIL 10/07		DRAWN BY: S.C.		DESIGNED	
DRAWING No. 4		DATAMINE		CHECKED	
				APPROVED	

LEGEND

BASIC SYENITE
CONGLOMERATE
DYKE
FELSIC SYENITE
PORPHYRY
TRACHYTE
TUFF

ALL ASSAYS REPORTED IN OUNCES PER TON
CORE LENGTH IN FEET