REPORT ON

DIAMOND DRILLING

AND

SAMPLING PROGRAM

ON

KENOGAMI LAKE PROPERTY

FOR

TLC RESOURCES INC

EBY TOWNSHIP

LARDER LAKE MINING DIVISION

ONTARIO

MICHAEL LEAHY

APRIL, 2007

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INTRODUCTION

Location/Access

The property herein described consists of 6 contiguous unpatented mining claims comprising approximately 450 hectares. The property lies along the north boundary of Eby Township, Larder Lake Mining Division, Ontario, Canada. The property covers parts of Lots 6 7, 8 9 10 and 11 in Concession VI. The majority of the property lies under the waters on Kenogami Lake, with about 40 hectares on the adjacent shoreline. The property lies within NTS area 42A/1. Kenogami Lake lies at approximately 48 degrees, 6' North latitude and 80 degrees, 15' west longitude. UTM co-ordinates for the northwest corner of the property are 5327900N, 555090E, Zone 17, NAD 83.

The claims are numbered as follows:

Claim #	# of 16 ha units
1239398	1
1239400	1
1241898	8
1241899	2
4203553	7
4203552	9

The majority of the property is accessible over the waters (or ice) of Kenogami Lake. The land portions of the property are accessible by all-terrain vehicle trails and gravel roads running along the shore of the lake.

History

The Kenogami Lake area was first mapped by L. L. Bolton in the 1903 Report of the (Ontario) Bureau of Mines wherein the general geology of the area between Round Lake and the Abitibi River was described. Due its proximity to the Larder Lake-Cadillac Deformation Zone (LLCDZ) and Kirkland Lake, the area has since undergone numerous exploration programs as outlined below:

1948 – Burtho GML drilled 8 holes at the southwest end of Kenogami Lake adjacent to the Rogick-Elliot properties where previous work had produced significant gold values (0.17 oz au/5', 0.19 oz au/4.2') in mafic and ultramafic volcanics interpreted to be the

westward extension of the LLCDZ. After this time, no work was done on the property for many years.

1926 –The “Kenogami Lake Area” area was mapped by the Geological Survey of Canada (Memoir 131, Map No 1926, H. C. Cook)

1935 – The area was mapped by the Ontario Department of Mines “Matachewan-Kenogami Area”, Map No 44b, by W. S. Dyer

1946 – The “Kenogami Lake Area” Map 1946-1, comprising parts of Grenfell and Eby Townships was mapped by the Ontario Department of Mines between 1939 (Wm Gerrie and assistants) and 1944 (E. Thompson and assistants).

1979 – An airborne magnetic and electromagnetic (Input) survey was completed over the area as part of a regional survey (Kirkland Lake Initiative Program). Map P 2268 covers Eby Township.

1983 – Magnetic and VLF electromagnetic surveys were conducted over the eastern half of Kenogami Lake by the author on behalf of Gren-Teck Kirkland Resources Ltd.

1987 – Airborne magnetic and VLF electromagnetic surveys were completed over Kenogami Lake by Premier explorations Ltd.

1993 – Report on Greater Lenora Resources Eby Township Diamond Property by S.J. Carmichael. A basal till sampling program south of Kenogami Lake “returned a number of samples containing Kimberlite Indicator Minerals including either G-9 or G-10 garnets, chrome diopside and picroilmenite”.

1994 – Westminer Canada Limited completed magnetic and Induced Polarization surveys over the eastern half of Kenogami Lake. These surveys were followed by three diamond drill holes. Hole KEN-94-01 encountered the projected extension of the LLCDZ just north of the south shore of the lake. Only low values were encountered. Holes KEN-94-02 and 03 were drilled to test a geophysical target further north and encountered “a major structural zone with significant ankerite and fuchsite”. Despite the low values encountered, it was recommended that further work be done along this zone since it was a new discovery of highly favourable geology and alteration adjacent to the LLCDZ.

1998 – Greater Lenora Resources performed magnetic and Induced Polarization surveys over the far west (Finn) Bay of Kenogami Lake. The surveys were followed by two diamond drill holes that encountered magnetite-rich argillite with only low gold values.

2004 – A high-resolution regional magnetic survey was flown by the Ontario Geological Survey, part of which covered Kenogami Lake (Map 81 944). This survey outlined a circular magnetic anomaly near the west end of Kenogami Lake. Follow-up exploration

of a number of anomalies outlined by this survey have resulted in the discovery of at least on new Kimberlite at the northwest corner of Savard Township by Tres-or resources Ltd. This new Kimberlite discovery has sparked extensive staking along the Temiskaming Rift from south of Elk Lake to Kenogami Lake and beyond to the north.

2006 – A magnetic survey was conducted over the west end of the property by TLC Resources to define and locate magnetic features found by a Discover Abitibi high resolution airborne magnetic survey. Three vibra-sonic holes were drilled to sample the overburden over one magnetic anomaly and to attempt to sample bedrock. The drilling succeeded in sampling the overburden but failed to penetrate to the bedrock interface. Three Kimberlite indicator mineral grains and one gold grain were recovered.

Regional Geology

The regional geology is aptly described by Brommecker on behalf of Westminer in 1994:

The property is in the southwestern Abitibi Greenstone Belt of the Superior Province. It lies 20 km WSW and along strike of the famous gold deposits located at Kirkland Lake. Combined, the Kirkland Lake deposits produced more than 24 million ounces of gold (Meyer, 1992).

The geology of the Kirkland Lake area has been most recently described by Jensen and Langford (1985) who concentrated on the stratigraphy of the area, and Hodgson et al. (1990) who concentrated on the structure of the area.

The area is generally underlain by Archean ultramafic to mafic volcanics of the Kinojevis (now Lower Blake River*) and Larder Lake groups. The Temiskaming Group, which consists of both late sedimentary and alkalic volcanic rocks unconformably overlies the Abitibi volcanics and is spatially related to the Larder Lake-Cadillac "Break"* (LLCDZ*). The Abitibi vocanics and Temiskaming Group rocks are intruded by various Archean aged felsic to intermediate, granitic to syenitic rocks.* These rocks are all intruded by later Matachewan diabase dikes.

The Archean rocks have been generally been metamorphosed to greenschist facies and suffered several periods of ductile, cleavage forming deformation. Archean stratigraphy dips moderately to steeply and is complexly folded and faulted. The Larder Lake – Cadillac Break is an important regional scale deformation zone which is spatially related to large gold deposits from Matachewan (Ont.) to Val D'Or (Que.). The Kirkland Lake gold deposits are hosted by quartz veins in a parallel structure (the Kirkland Lake Main Break) less than 2 km from the Larder Lake – Cadillac Break.

Property Geology

The geology of the property, being mostly covered by the waters of Kenogami Lake, has been interpreted from geophysical data used to extrapolate shoreline formations, to map structures and to detect mineralized zones; mapping of shoals and islands; and diamond drilling results. From these data sources, the geology can be described as follows:

The south end of the property is underlain by steeply dipping mafic to ultramafic Archean volcanics striking WSW. These rocks are traversed by the LLCDZ which has deformed and altered the rocks to ankerite/fuchsite/sericite typical of the LLCDZ to the east and west.

Near the center of the lake, these rocks are unconformably overlain by steeply dipping Temiskaming sedimentary rocks which are, in turn, unconformably overlain by gently south dipping Proterozoic Gowganda Formation sedimentary rocks which outcrop along the north shore of the lake.

Drilling by Westminer in 1994 identified a new, roughly EW striking, ankerite/fuchsite/sericite alteration zone similar to the LLCDZ at the unconformity between the Temiskaming sediments and volcanic rocks near the center of the lake.

In addition to the LLCDZ, other parallel (WSW) structures can be interpreted from geophysical data to traverse the central portion of the property. A strong NNW structure is interpreted to traverse the property from the southeast corner of the lake, through the narrows north of the property and up along a feeder creek that flows into the Blanche River at the North end of the lake. This structure, along with a parallel diabase dike at the west end of the property, are thought to be part of the Temiskaming Rift group of NNW trending structures.

Recent exploration for diamonds in the area have resulted in the discovery of several Kimberlite pipes associated with the Temiskaming Rift structures. The most recent airborne geophysical (magnetic) survey flown over the property has defined two circular magnetic features near the NNW trending diabase dike at the west end of the property. (Ontario Geological Survey Map 81 881, 2004) Although the most westerly of these anomalies has been drilled and found to be caused by magnetite-rich argillite, the eastern anomaly remains untested.

Exploration Program

Rationale

The exploration program herein described consists of single diamond drill hole designed to test the above-mentioned eastern circular magnetic anomaly as a Kimberlite target. Returns from just above the till/bedrock interface were also collected for analysis for Kimberlite Indicator Minerals. The recent discovery of several diamond-bearing Kimberlites within the Temiskaming Rift structural zone as well as the presence of unexplained Kimberlite indicator minerals in till south of the property and above the

anomaly in the 2006 vibra-sonic drilling program described above, justifies this program. The geological setting of the property is also prospective for gold so the returns were also tested for gold and the core was assayed for gold.

Diamond Drilling Program

On April 1, 2007, a single diamond drill hole was put down at L450E+300S after the base line and L450E were re-set on the ice. A total of 0.75 km of line was established to provide an accurate location for the drill hole. The work was contracted to True North Mineral Testing Laboratories of Timmins, Ontario. The hole penetrated to a depth of 25.9m and 1.5m of bedrock was recovered. Drill core was E size (25mm).

Sampling Program

The sampling program consisted of three phases: The core was split and assayed for gold. The till from just above bedrock was screened to separate the 70 to 80 mesh fraction which was run through a heavy mineral separation process, then viewed with a microscope and photographed. A 100g portion of the remaining <80 mesh was assayed using multi-element ICP method.

Results of Diamond Drilling

The diamond drilling program succeeded in penetrating 1.5 m in to the bedrock underlying the target magnetic anomaly and also provided a limited volume of overburden material for KIM sampling. The bedrock consists of a fine-grained mafic syenite cut by several narrow white quartz and pink calcite stringers. The quartz stringers exhibit microbrecciation and carry fine pyrite. Fine disseminated pyrite was also found in the first 0.5 m of core. The syenite is strongly magnetic due to the presence of fine magnetite grains. The rock is weakly altered, with chlorite occurring along slip planes.

Results of Sampling Program

The three samples of drill core assayed between 7 and 58 ppb Au. The 70-80 fraction yielded two pristine gold grains but no KIMs. The 100g sample of fines yielded 26 ppb Au, 2.5 ppm Ag and normal values for the remaining suite of elements.

HOLE K-O7-1

Hole K-07-1 was collared at the same location as vibra-sonic hole KL-06-1, being L450E+300S (5327633N, 555552E, Nad 83, UTM Zone 17). The hole penetrated to a

depth of 25.9m and encountered 0.5m ice, 6.2m water, 5.5m silt/organics, 11.3m clay, 0.9m till and 1.5m bedrock.

Conclusions

The 2007 diamond drilling and sampling program succeeded in defining the source of the targeted possible Kimberlite circular magnetic anomaly as a mafic syenite with magnetite. The presence of anomalous gold values in the bedrock as well as in the overlying till adds significantly to the understanding of the property geology which, as previously noted, is highly favourable for gold deposition.

Recommendations

The results of the program can be described as a technical success in the testing of the magnetic anomaly but still leave room for further work. The discovery of anomalous gold values at the far western end of the property over 3km from the Westminer drilling at the east end of the lake leaves a large area of untested, highly prospective, geology along a magnetic trend running west from the Westminer drill holes. Further work on the property targeting the gold potential is recommended. Magnetic and Induced Polarization surveys should be conducted west of the Westminer grid, with diamond drilling to follow.

References

Ontario Geological Survey/Discover Abitibi Map 81 994, Airborne Magnetic Survey, 1:20,000, 2004

Ontario Department of Mines Geological Report No. 30, Bompas and Grenfell Townships, James A. Grant, 1964

Ontario Department of Mines Geological Report 99, Geology of the Eby and Otto Area, H.L.Lovell, 1972

Ontario Geological Survey Map P.3534 – Precambrian Geology of Otto and Eby Townships, L. Pigeon and B.R.Berger, 1:20,000, 2004

CERTIFICATE

THIS IS TO CERTIFY :

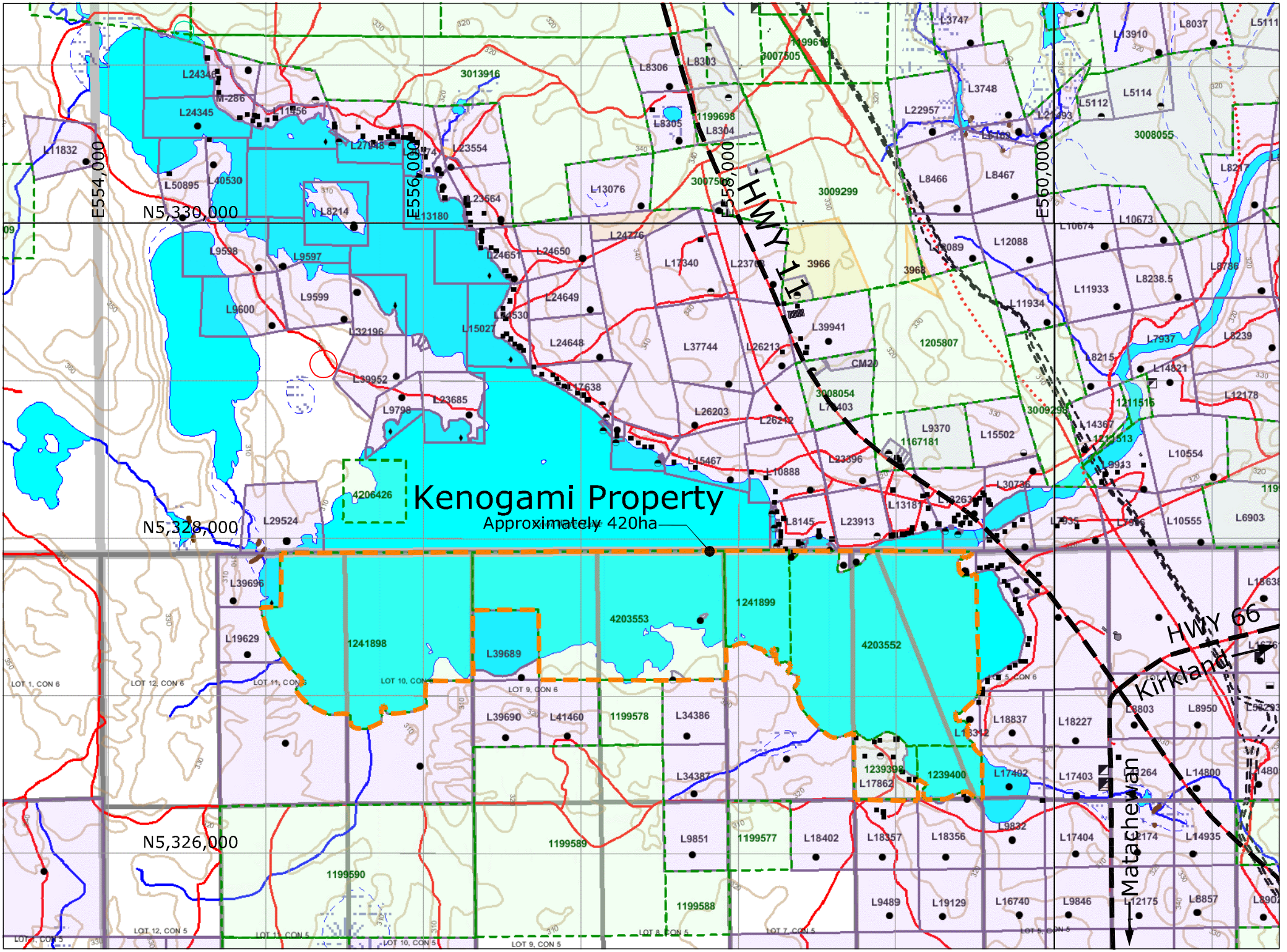
1. I am a graduate in Prospecting Techniques from the Northern College of Applied Arts and Technology, Haileybury Campus, 1976. I have also completed the Geophysical Field School (1990), the Interpretation of Ground and Airborne Geophysical Date Course (1991), Kimberlite Exploration Course (1993) at the Haileybury Campus. I have also taken the Diamond Exploration, Sampling and Evaluation Course by the PDAC (1993). I have been active as a prospector and exploration contractor since 1974.

2. I am Vice President of the Northern Prospectors Association, Past Vice-Chair of the Ontario Prospectors Association and a Director of the Prospectors and Developers Association of Canada.

3. I reside and hold office at 52 Riverside Drive, Swastika, Ontario.

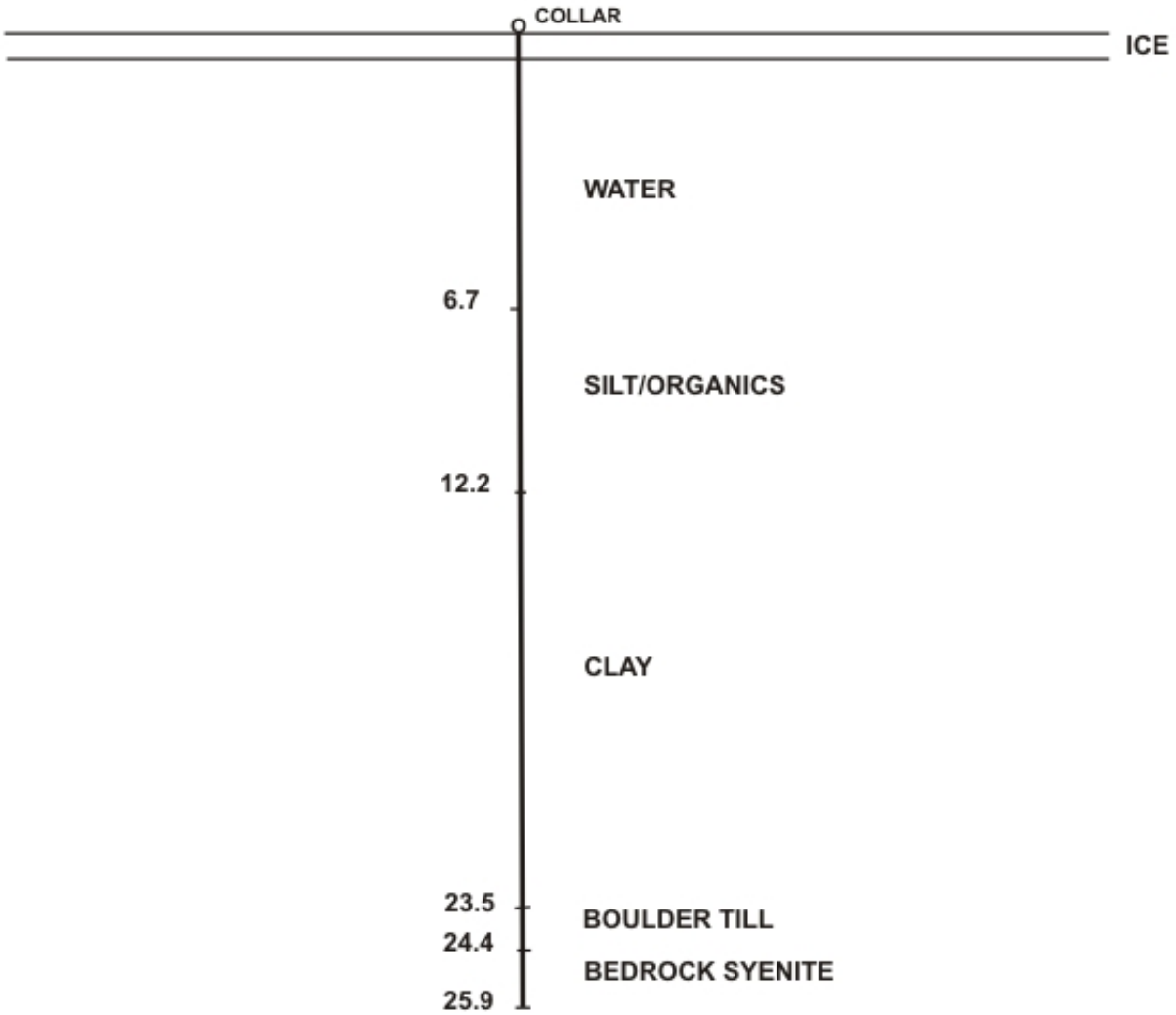
4. I have an interest in the property.

Michael Leahy
April, 2007


Kenogami Property
Approximately 420ha
E554,000
E556,000
E558,000
E560,000
N5,330,000
N5,328,000
N5,326,000
HWY 11
HWY 66
Kirkland
Matachewan
4206426
4203553
4203552
1241899
1241898
1239398
1239400
1199589
1199590
1199588
1199577
1199578
3013916
3007505
3007508
1199698
3008055
3009299
3966
3968
1205807
1167181
3008054
3009298
1211515
1211513
L24345
L24346
M-286
L11956
L11832
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L17638
L26203
L26242
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L19629
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L39690
L41460
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L34387
L9851
L18402
L18357
L18356
L9832
L17492
L17862
L18837
L18227
L9489
L19129
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L9846
L12175
L8857
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L8304
L3747
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L22957
L5112
L5114
L3910
L8037
L5111
L8466
L8467
L8217
L10673
L10674
L12088
L8089
L8786
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L8238.5
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L7937
L8239
L8215
L14821
L12178
L14367
L9370
L15502
L10554
L9943
L10555
L6903
L8803
L8950
L18264
L14800
L17403
L17404
L14935
L8902
LOT 1, CON 6
LOT 12, CON 6
LOT 11, CON 6
LOT 10, CON 6
LOT 9, CON 6
LOT 12, CON 5
LOT 11, CON 5
LOT 10, CON 5
LOT 9, CON 5
LOT 8, CON 5
LOT 7, CON 5

DDH K-07-01
SECTION

1cm = 2m



TLC Resources Inc

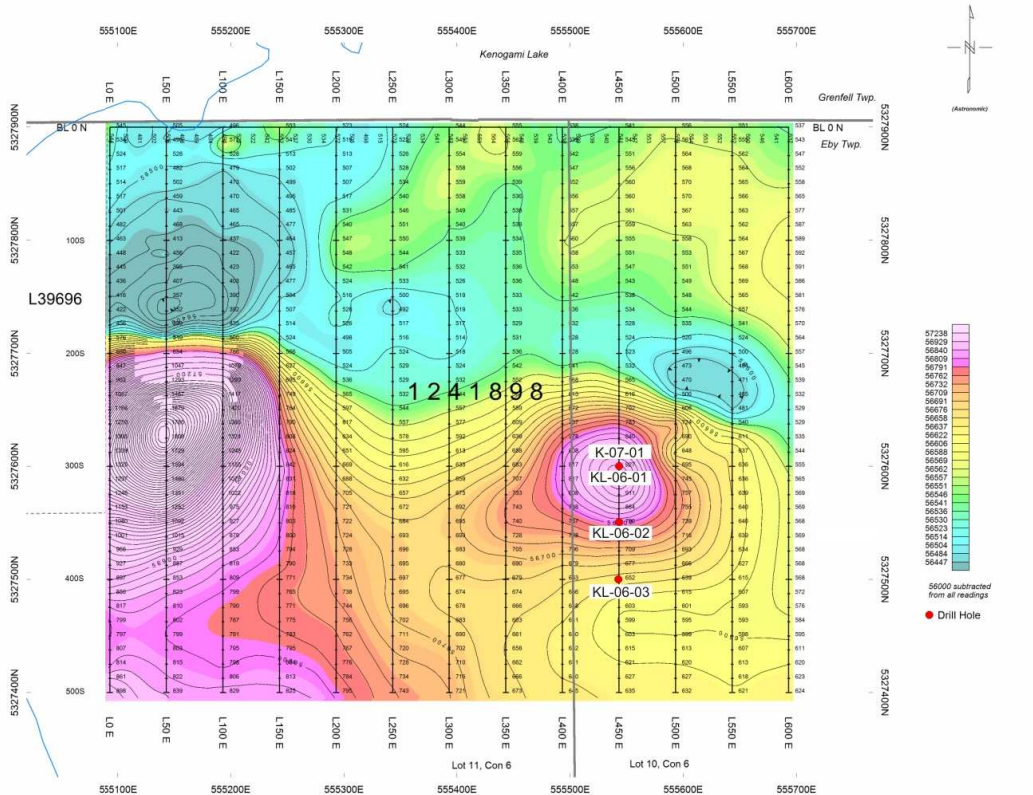
Kenogami Option

Eby Township

Ontario

April 2007

Drawing by: KK Exploration & Management Services



Instruments:
GEM Systems GSM-19 Magnetometer Serial #58479
GEM Systems GSM-19 Magnetometer Serial #56700

Scale 1:2500
25 0 25 50 75 100 125 150
metres
NAD83 / UTM zone 17N

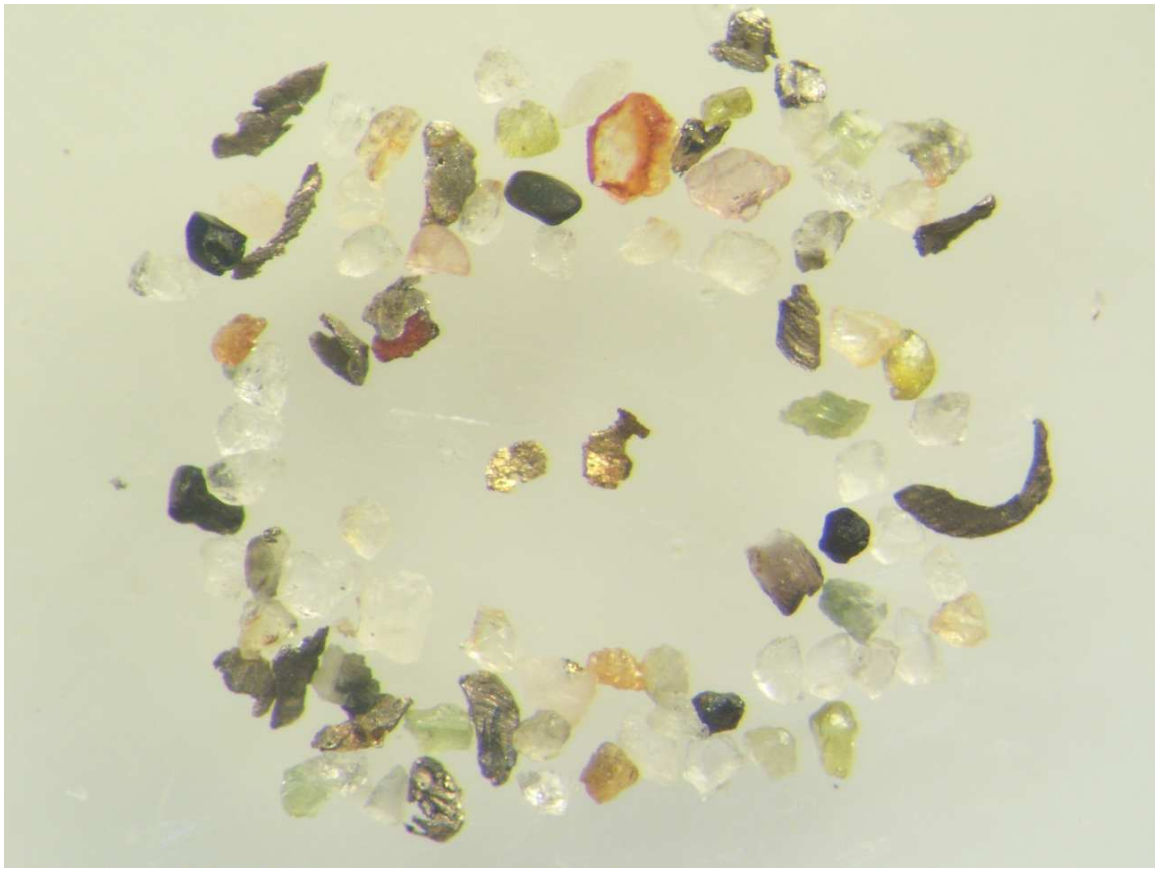
TLC Resources

Sonic Drill Holes (2006) and Diamond Drill Hole (2007)
Eby Township, Ontario
Larder Lake Mining Division

Ground Geophysical Surveys
Magnetometer Survey
Total Field Contours

Data Processing and interpretation by:	Scale 1:2500	NTS 42 A/1
Meegwich Consultants Inc.	April, 2007	Prepared by: KK Exploration & Management Services

KL Till-01



Vial #7577

Report: A07-1121
Report Date: 01/05/2007

Final Report
Activation Laboratories

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm
Detection Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1
Analysis Method	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA
KL-TILL-1	26	2.5	86	< 0.3	4	9	51	81	0.03	4.48	< 0.5	620	< 1	< 2	< 0.5	2.97	22

Final Report
Activation Laboratories

Analyte Symbol	Cr	Cs	Eu	Fe	Hf	Hg	Ir	K	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppb	%	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
Detection Limit	2	1	0.2	0.01	1	1	5	0.01	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP
KL-TILL-1	132	< 1	0.6	4.46	< 1	< 1	< 5	1.59	1.42	735	2.4	0.024	< 15	0.4	12.5	< 3	295	< 0.5	0.31	3.4	< 0.5	112	124	8

Final Report
Activation Laboratories

Analyte Symbol	La	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Detection Limit	0.5	3	5	0.1	0.01	0.5	0.2	0.05	
Analysis Method	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
KL-TILL-1	14	35	< 5	2.5	< 0.01	< 0.5	1.5	0.25	37.2

DIAMOND DRILL LOG HOLE K-07-01 TLC RESOURCES INC

EBY TOWNSHIP – KENOGAMI LAKE – CLAIM # L-1241898

5327633N, 555552E (NAD 83) DRILLED VERTICALLY (-90)

LOGGED BY MICHAEL LEAHY APRIL 4, 2007 - DRILLED APRIL 1, 2007

0 - .5m	ice	
.5 – 6.7m	water	
6.7 – 12.2m	organics/fine silt	
12.2 – 23.5m	clay	
23.5 – 24.4m	boulder till	
24.4 – 25.9m	bedrock	mafic syenite, dark red, fine grained, fine magnetite, minor chlorite on slips, 5% qcv @ 40 – 50 degrees to core angle, fine py along qcv from 7-35cm, <1% fine disseminated py throughout.
25.9m	EOH	

SAMPLES				Au PPB
63331	24.4 – 24.8m	syenite, several fine qcv, py	0.4m	58
63332	24.8 – 25.7m	syenite, <1% fine disseminated py	0.9m	7
63333	25.7 – 25.9m	syenite. <1% fine disseminated py	0.2m	14