42A01SE0004 W9480.00345 EBY

REPORT ON THE 1994

DRILLING PROGRAM

ON THE

KENOGAMI LAKE EAST PROJECT
(4045)

Prepared by: Rex Brommecker

Date: May 20, 1994

42A01SE0004 W9480.00345 EBY

010C

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Location

The Kenogami Lake East Project is 15 kilometres WSW of Kirkland Lake in Eby and Grenfell Townships (fig. 1). The centre of the project is located at approximately longitude 80° 12' and latitude 48° 06' on NTS map sheet 42A/1.

Access

The property can be accessed from highway 11 at the town of Kenogami. Private lands surround the lake so permission must be requested for access.

Claim Status

The property consists of 5 claims (16 units) covering 256 hectares (table 1, fig. 2). The claims are under option from Premier Exploration Inc. and Mr. Michael Leahy.

Table 1: Kenogami Lake East Claim List

CLAIM NUMBER	UNITS	HECTARES	TOWNSHIP
1186326	2	32	EBY
1186327	2	32	EBY
1186328	1	16	EBY
1186329	9	144	EBY
1187142	2	32	EBY
5 claims	16	256	

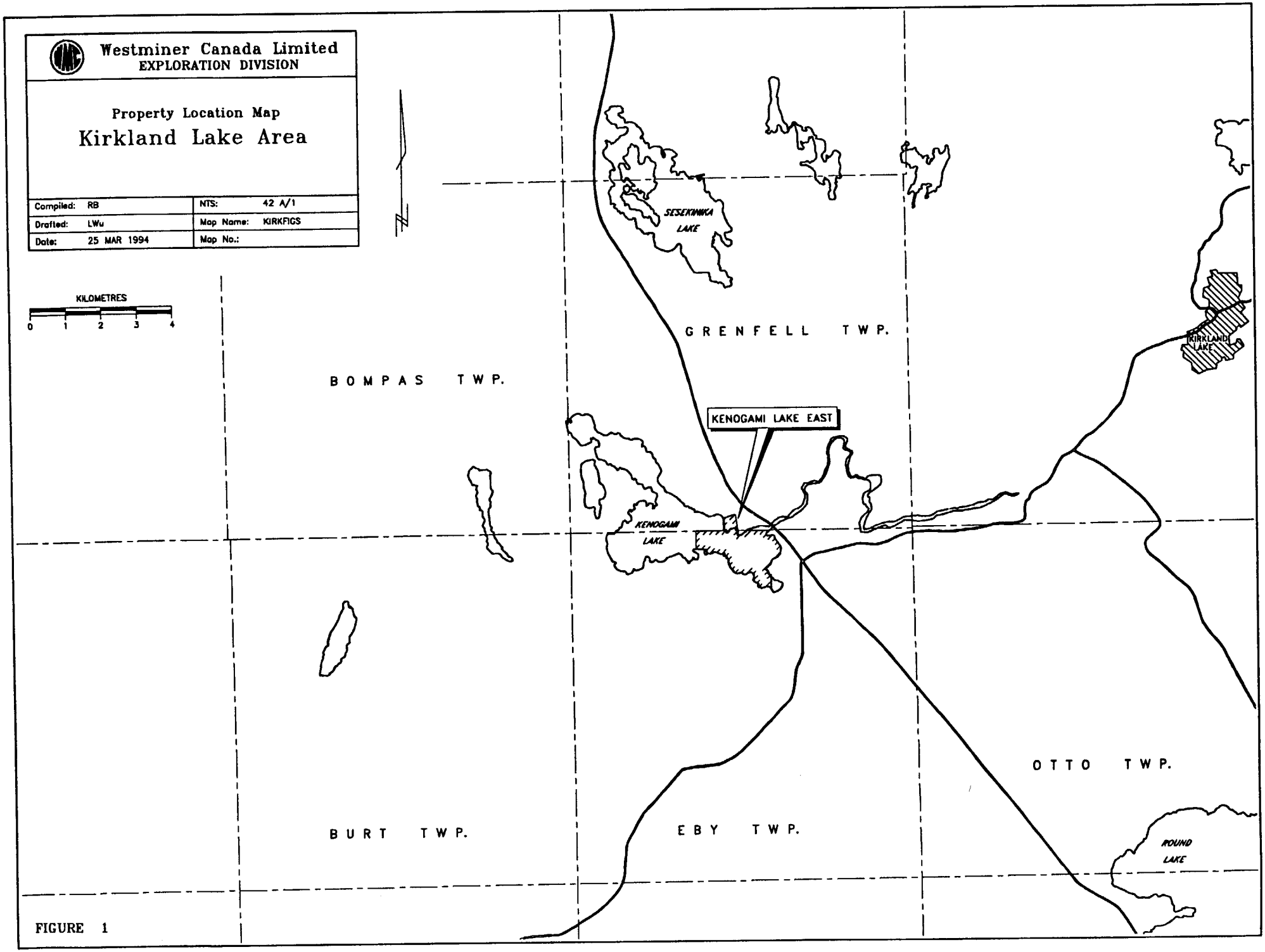
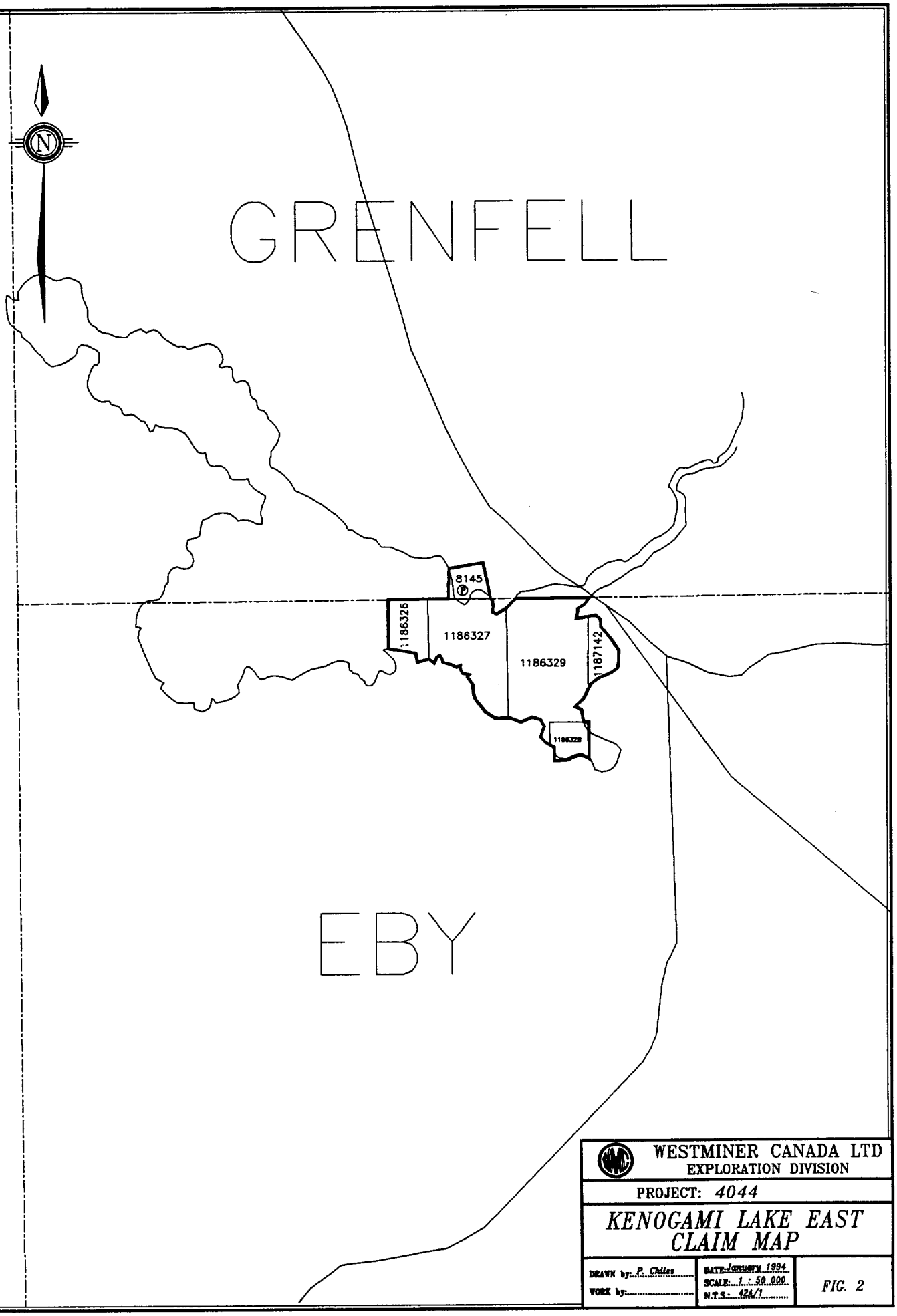

Westminer Canada Limited
EXPLORATION DIVISION
Property Location Map
Kirkland Lake Area
Compiled: RB
NTS: 42 A/1
Drafted: LWu
Map Name: KIRKFIGS
Date: 25 MAR 1994
Map No.:
KILOMETRES
0 1 2 3 4
SESEKINIKA LAKE
GRENFELL TWP.
KIRKLAND LAKE
BOMPAS TWP.
KENOGAMI LAKE EAST
KENOGAMI LAKE
OTTO TWP.
BURT TWP.
EBY TWP.
ROUND LAKE

FIGURE 1


GRENFELL
EBY
8145
1186326
1186327
1186329
1187142
WESTMINER CANADA LTD
EXPLORATION DIVISION
PROJECT: 4044
KENOGAMI LAKE EAST
CLAIM MAP
DRAWN by: P. Chiles
WORK by:
DATE: January 1994
SCALE: 1 : 50 000
N.T.S.: 42A/1
FIG. 2

Regional Geology

The property is in the southwestern Abitibi Greenstone belt of the Superior Province. It lies 20 kilometres 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 (fig. 3) 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 stratigraphic nomenclature of Jensen and Langford (1985) is used in this report.

The area is generally underlain by Archean ultramafic to mafic volcanic rocks of the Kinojevis and Larder Lake Groups. The Timiskaming 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". The Abitibi volcanics and Timiskaming Group rocks are intruded by various Archean aged felsic to intermediate granitic to syenitic rocks. The Archean rocks are locally unconformably overlain by embayments of flat lying Proterozoic sediments of the Gowganda Formation. The Gowganda Formation consists of conglomerates, wackes, and siltstones of glaciogenic origin.

The Archean rocks have 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 2km from the Larder Lake-Cadillac Break.

Local Geology

The project area is covered mainly by Kenogami Lake. The area surrounding the lake has been mapped in detail by Thomson (1950). Projecting the geology under the lake indicates that the project area is underlain by mafic volcanic rock in the south, Timiskaming Group rocks in the centre and Gowganda Formation in the north. The Larder Lake-Cadillac Break passes through the southern part of the claim group. The northern part of the claim group is directly along strike of the Kirkland Lake Main Break.

Target and Rationale

The rocks beneath the lake have an extremely good chance of hosting a large gold deposit given the proximity to the Larder Lake-Cadillac Break and the potential that the Kirkland Lake Main Break passes through the northern part of the property. The lake cover has hindered effective exploration of this very high potential area. A combination of detailed modern geophysical methods including induced polarisation and magnetics will be used to evaluate targets. Geophysical targets were drilled.

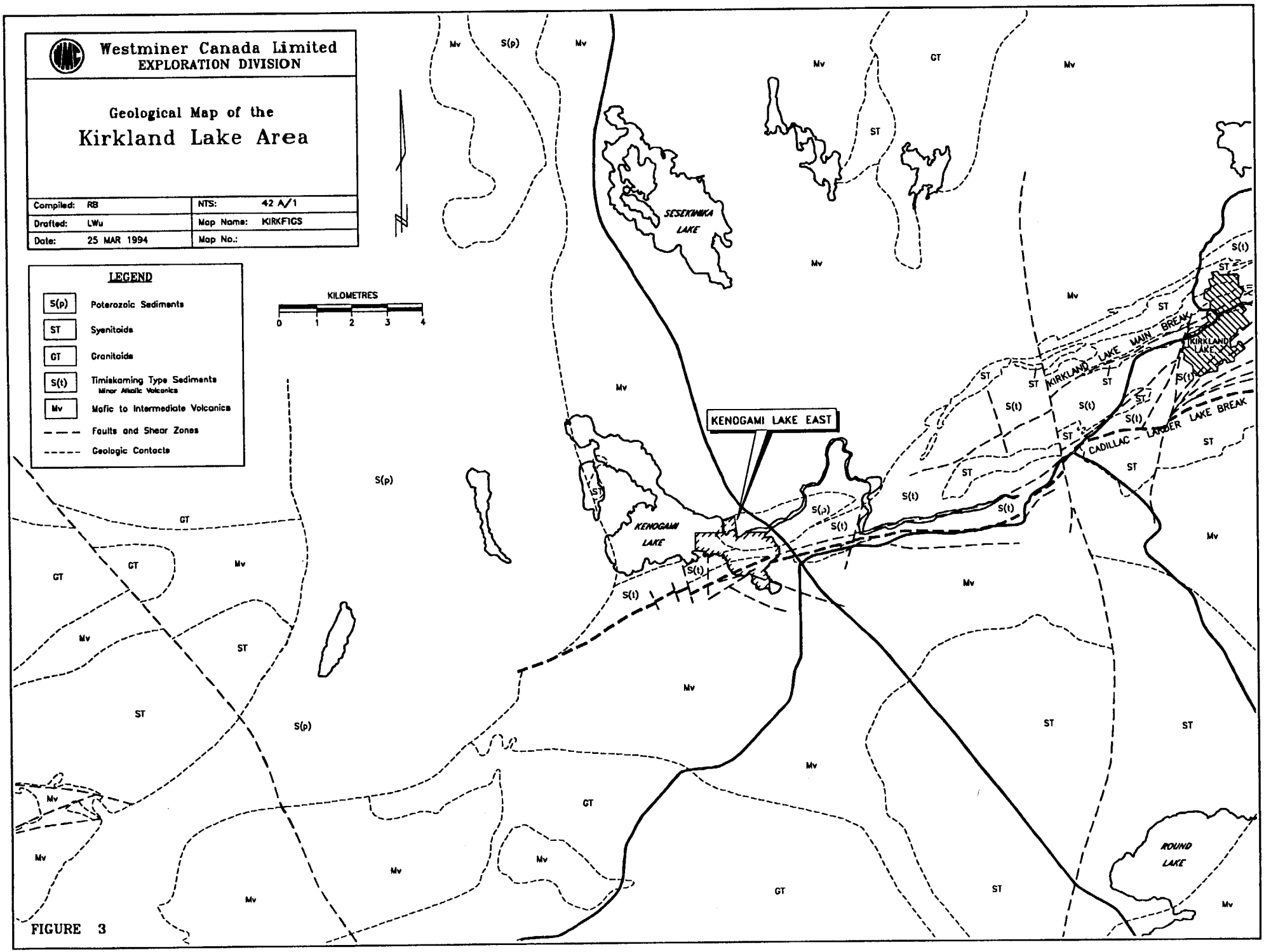

Westminer Canada Limited
EXPLORATION DIVISION
Geological Map of the
Kirkland Lake Area
Compiled: RB
NTS: 42 A/1
Drafted: LWu
Map Name: KIRKFIGS
Date: 25 MAR 1994
Map No.:
LEGEND
S(p) Poterozoic Sediments
ST Syenitoids
GT Granitoids
S(t) Timiskaming Type Sediments
Minor Mafic Volcanics
Mv Mafic to Intermediate Volcanics
Faults and Shear Zones
Geologic Contacts
KILOMETRES
0 1 2 3 4
KENOGAMI LAKE EAST
SESEKINIKA LAKE
KENOGAMI LAKE
KIRKLAND LAKE MAIN BREAK
KIRKLAND LAKE
CADILLAC - LARDER LAKE BREAK
ROUND LAKE

FIGURE 3

Previous Work

Little previous work has been done on the property. A small amount of drilling has been done in the SE bay of Kenogami Lake. The following is a summary of previous work done on the lake.

1939 - **Siscoe Gold Mines**

Siscoe gold mines drilled two short holes for a total of 773' off of the point on the eastern shore of the SE bay of Kenogami Lake. Syenite dykes and altered lava were intersected. The best values reported were 0.17$/oz.

1948 - **Burtho Gold Mines Ltd.**

Burtho drilled 7 diamond drill holes for a total of 5066' in the vicinity of the SE bay of Kenogami Lake. A major ENE-trending shear zone was outlined. The zone locally cut syenite and "porphyry". A letter indicated that no gold values were obtained but no specific values were reported. Burtho outlined a major shear zone in the SE bay.

1983 - **Gren-Teck Kirkland Resources Ltd.**

A ground magnetic and VLF survey was done over the property at 100m line spacing.

1985 - **Premier Explorations Inc.**

An airborne magnetic and VLF survey was flown.

Previous Work by Westminer Canada

No previous work has been done by Westminer Canada on this project.

1994 Drilling Program

Three BQ-sized diamond drill holes (KEN-94-01, -02, and -03) were completed for a combined length of 830.6m. The holes were drilled from February 14 to March 5, 1994. Drill hole locations are shown in figure 4. Logs are provided in appendix IV and a cost breakdown is given in appendix V. A plan and sections can be found in the rear pouch. Summary logs are as follows:

KEN-94-01 (324.92m, at 45 degrees NNW)

0-29.8m	-Overburden
29.8-42.75m	-Syenite cut by numerous quartz veins with 1% pyrite and traces of molybdenite
42.75-52.9m	-Intensely sheared and altered zone of mafic rocks and sediments, abundant ankerite and fuchsite with up to 5% pyrite.
52.9-194.5m	-Weakly altered and sheared mafic volcanics and gabbro
94.5-243.43m	-Magnetic mafic dyke
243.43-307.83m	-Weakly altered and sheared mafic volcanics and gabbro
307.83-324.92m	-Komatiite with spinifex
324.92m	-EOH

The section from 38.7 to 43.6 is anomalous in the pathfinder element Mo (up to 108ppm) as well as contains a gold anomalous sample of 67ppb Au. The best assay in the hole was 243ppb Au over 50cm.

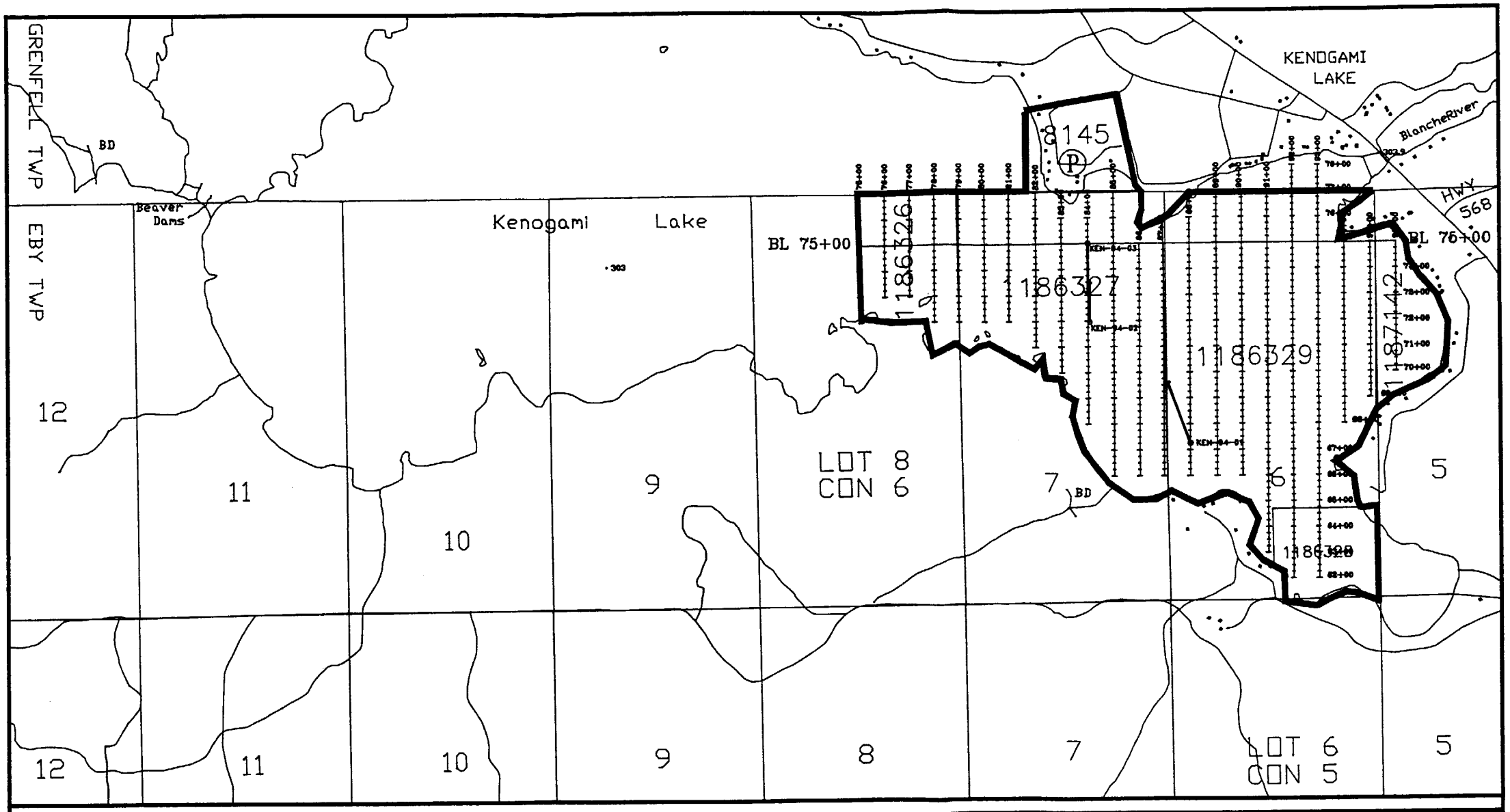
KEN-94-02 (218.24m, at 45 degrees Northwards)

0-23.3m	-Overburden
23.3-140.48m	-Timiskaming-type conglomerate, variably sheared and altered
140.48-183.96m	-Timiskaming-type wacke (basal grit), variably sheared and altered with 12m section of 1% pyritic veinlets
183.96-218.24m	-ankerite-fuchsite-sericite schist, foliation at very low core angle, minor quartz veins
218.24m	-EOH

No significant pathfinder element anomalies. The best assay was 79ppb Au over 40cm.

KEN-94-03 (287.43m, at 50 degrees Southwards)

0-65.14m	-Overburden
65.14-174.9m	-Proterozoic Gowganda siltstone, wacke. and conglomerate
174.9-175.56m	-Fault breccia
175.56-183.46m	-Archean ankerite-fuchsite schist at high core angle
183.46-260.8m	-Moderately altered mafic volcanic rock (ankerite-sericite)



WESTMINER CANADA LTD
Div. EXPLORATION

KENOGAMI LAKE EAST

DRILL HOLE LOCATION
FIGURE 4

DRAWN by: REX	DATE: MAY 1994	PLAN NO.
WORK by: REX	SCALE: 1:20000	4045-07-03
	N.T.S.: 42 A / 1	

260.8-280.0m -Ankerite-sericite-fuchsite schist
280.0-287.43m -Timiskaming-type wacke (basal grit)
287.43m -EOH

No significant pathfinder element anomalies. The best assay was 17ppb Au over 66cm.

Conclusions

Two favourable zones for gold mineralization were intersected:

1) SOUTH ZONE: The beginning of Hole KEN-94-01 intersected a structure and syenite drilled by Burtho Gold mines along strike. The structure is an alteration and shear zone with significant ankerite and fuchsite. Weakly anomalous gold and molybdenum values were intersected. This zone may be the continuation of the Larder Lake-Cadillac Break.

2) NORTH ZONE: Holes KEN-94-02 and 03 intersected a major structural zone with significant ankerite and fuchsite. This zone is at the contact between Timiskaming sediments in the south and mafic volcanic rocks in the north. This zone did not contain anomalous gold values or pathfinder element values.

Recommendations

1) SOUTH ZONE: The "South Zone" has been drilled along strike both east and west by Burtho Gold mines. Burtho reports no significant values in their drilling. It is deemed that this structure has been adequately tested by present and past drilling. Therefore, no further work is recommended on the "south zone" at this time. Some residual potential rests in testing this zone at depth (>200m).

2) NORTH ZONE: The "North Zone" represents a significant favourable structure for gold mineralisation. Although no significant gold values were intersected, it is wide and strongly altered. If sufficient funds are available, residual potential lies in testing this structure along strike.

References

Hodgson, C.J., and Hamilton, J.V., 1990. Structural setting of gold deposits and the tectonic evolution of the Timmins-Kirkland Lake area, southwestern Abitibi Greenstone Belt; in Gold and Base Metal Mineralization in the Abitibi Subprovince, Canada with emphasis on the Quebec Segment, Ho, S.E., Robert, F., and Groves, D.I., eds., pp. 101-120.

Jensen, L.S., and Langford, F.F., 1985, Geology and petrogenesis of the Archean Abitibi Belt in the Kirkland Lake area, Ontario: Ontario Geological Survey, Miscellaneous Paper 123, 130p.

Jensen, L.S., 198?, Open File Map 139, 1 Map.

Meyer, G., Guindon, D., Boucher, F.M., Madon, Z., 1992. Annual Report for the Kirkland Lake Resident Geologist's District 1992, in OGS Miscellaneous Paper 161.

Thomson, J.E., 1950. Geology of Teck Township and the Kenogami Lake Area, Kirkland Lake Gold Belt, ODM Annual Report for 1948, Volume 57, Part 5. 196p.

APPENDIX I

Appendix I: Certificate of Qualification

I, Rex Brommecker, of the City of Nepean, Province of Ontario, do hereby certify that:

1. I am a geologist residing at 35 Rideaucrest Drive, Nepean, Ontario.

2. I am a graduate of the University of Waterloo having received a Bachelor of Science in Applied Earth Science in 1988.

3. I am a graduate of Queens University having received a Master of Science in Geology in 1991.

4. I have been a practising geologist since 1988.

5. I have been an employee of Westminer Canada Ltd. since 1991.

6. I supervised and performed the work relevant to this study from December 1/1993 to May 1/1994.

APPENDIX II

Appendix II: Description of Project Management

Project Managers

Geological- Rex Brommecker, Westminer Canada
22 Gurdwara Road
Nepean, Ontario
K2E 8A2

Diamond Drilling Contractors

Grenville Whyte- Heath and Sherwood Drilling (1986) Inc.
P.O. Box 998
34 Duncan Ave. North
Kirkland Lake, Ontario
P2N 3L3

APPENDIX III

CODES USED IN DRILL LOG

ROCK CODES

Sedimentary Rocks

O/B	- Overburden (mainly Quaternary Till)
Sc	- Conglomerate
Sw	- Wacke
Ssl	- Siltstone
Sag	- Argillite
Srdt	- Polymictic conglomerate (Timiskaming)
Swt	- Wacke or grit (Timiskaming)
Sant	- Arenite (Timiskaming)
Srdp	- Conglomerate (Proterozoic- Gowganda)
Swp	- Wacke (Proterozoic- Gowganda)
Sndp	- Arkose, wacke, and siltstone (Proterozoic- Gowganda)
Sslp	- Siltstone (Proterozoic- Gowganda)
Sagp	- Argillite and siltstone (Proterozoic- Gowganda)

Volcanic Rocks

e-Upx	- Pyroxenitic komatiite
Mv	- Mafic volcanic
Mtb	- Tholeiitic basalt
Mtbm	- Mg-rich tholeiitic basalt
Mcab	- Calc-alkaline basalt
Iak	- Intermediate alkalic volcanic rock
Fv	- Felsic volcanic
Fak	- Alkalic felsic volcanic

Intrusive Rocks

i-Upx	- Pyroxenite
Mg	- Gabbro
Mgq	- Quartz gabbro
Mgm	- Matachewan Diabase
DT	- Diorite
GD	- Granodiorite
MO	- Monzonite, Monzodiorite
AG	- Monzogranite
G	- Granite
ST	- Syenatoid

Rocks of Uncertain Protolith

U	- Ultramafic rock
M	- Mafic rock
I	- Intermediate rock
F	- Felsic rock

Alteration Products and Veins

ak-s	- ankerite-sericite rock
ak-fu	- ankerite-fuchsite rock

Alteration Products and Veins (continued)

ak-s-fu	- ankerite-sericite-fuchsite rock
q-vn	- Quartz vein
q-ab-vn	- Quartz-albite vein
q-ak-bx	- Quartz-ankerite breccia
q-fu-vn	- Quartz-fuchsite vein

PRIMARY FEATURES

fg	- fine grained
mg	- medium grained
cg	- coarse grained
p(a)	- porphyritic (amphiboles)
x	- spinifex
rx	- random spinifex
pl	- pillowed
am	- amygdaloidal
mt	- primary magnetite

ALTERATION, SULPHIDE, AND VEIN MINERALOGY ABBREVIATIONS

ab	- albite
ak	- ankerite
as	- arsenopyrite
c	- chlorite
cc	- carbonaceous/graphitic
cp	- chalcopyrite
ep	- epidote
fu	- fuchsite
gn	- galena
h	- hematite
l	- calcite
lx	- leucoxene
mo	- molybdenite
po	- pyrrhotite
py	- pyrite
q	- quartz
s	- sericite
sil	- silicified
sp	- sphalerite
sul	- sulphides

STRUCTURAL CODES

bx	- breccia
ft	- fault
v	- vein
wsh	- weakly sheared
msh	- moderately sheared
ssh	- strongly sheared
S0	- bedding
S1	- first foliation
S2	- second cleavage
frac	- fracture

* All distances given are in metres

APPENDIX IV

KEN-94-01

HOLE NUMBER:	KEN-94-01				
GRID LOCATION:	L88+00E	67+25N		**CLAIM NUMBER:**	1186329
SURVEY LOCATION (UTM):	568824 mE	5336711 mN		**ELEVATION:**	303m
CORE SIZE:	BQ		**LENGTH:**	324.92m	
BEARING:	340		**DIP:**	46	
START:	14/02/94		**FINISH:**	22/02/94	
CORE STORED AT:	Kirkland Lake Industrial Plaza				
DRILLING CONTRACTOR:	Heath and Sherwood				
LOGGED BY:	Rex Brommecker		**LOG COMPLETED:**	01/03/94	
SIGNED:	Rex Brommecker				

TESTS

TYPE:	**ACID**				
DEPTH:	93.8	**DIP:**	40	**BEARING:**	340
DEPTH:	200	**DIP:**	38	**BEARING:**	340
DEPTH:	306	**DIP:**	38	**BEARING:**	340

KEN-94-01

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
0	29.8	O/B											silt
29.8	30.4	M	fg	c-ak	wsh	0.1	py	0.1	q-ak	30 30	v wS1	15 45	green, local 2% fine lx and 10%-2mm mafic phenocrysts 5% random chloritic fractures
30.4	32.1	ST	mg-cg	sil-s-py	wsh	1 0.1	py mo?	50	q	30.5 32	v v	65 45	pink, medium grained, contacts obscured by veins and shearing, brecciated by q-veins many random q-veins with ave. 1% py., tr. mo?, tr. to, 1% yellow sericitic slips,
32.1	32.85	LOST											Ground Core
32.85	39.95	ST	mg-cg	sil-s-py	wsh	1 0.1	py mo?	50	q	35 38 36	v v ser-slip	35 70 50	as ST above
39.95	40.25	q-vn			v	1 0.1 0.1	py mo? to	100	q	40.3	v	60	white, massive
40.25	40.75	ST	mg-cg	sil-s-py	wsh	2 0.1 0.1	py mo? to	50	q	40.5	v	65	as ST above
40.75	41.25	q-vn			v	0.1 0.1 0.1	py mo? to	100	q	40.75	v	60	white, massive
41.25	41.95	ST	mg-cg	sil-s-py	wsh	2 0.1 0.1	py mo? to	50	q	41.5	v	70	as ST above
41.95	42.75	q-vn			v	0.1 0.1 0.1	py mo? to	100	q	42.7	ser-slip frac	75 5	white, numerous sericitic slips fractured parallel to CA.
42.75	43.6	ST+M-Sw	mg-cg	ak-s-fu	msh-bx	0.1	py	25	ak-q	43	msh	80	light olive green and pink, intermixed mafic wacke and small ST dykes (50-50), contacts tectonised+gradational, brecciated appearance of a discrete fault or "BREAK".
43.6	44	M-Sw	mg	ak-c-s	wsh			5	q-ak	44	wS1	60	green-gray, 60% mafic- 40% felsic clasts, clasts 1-2mm, could be Mg,
44	45	M-Sw?		ak-s-fu	ssh	1	py	30	ak-q	44.3	ssh	65	basically a c-ak-s-fu schist,
45	46.44	M	fg-mg	ak-c-(fu)	wsh	0.1	py	5	ak-q	46	ws1 v	55 55	green, probably a volcanic, lower contact sheared
46.44	46.54	q-fu-vn			ssh	0.1	py	100	q-fu	46.44	ssh	65	white quartz brecciates fuchsitic rock
46.54	46.9	M-Sw	mg	ak-s-(fu)	wsh	0.1	py	5	q-ak	46.7	wS1	55	green-brown, 30% sercite replaced clasts 3-4mm in size, 35% felsic 35% mafic clasts 2mm in size,
46.9	47	Ssl	fg	s-ak	wsh	0.1	py	5	q-ak	46.7	S0?	45	beige, strong s-alteration, chloritic fractures perp. to bedding?

KEN-94-01

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
47	48.7	M-Sc	cg	ak-s-fu	msh	0.1	py	20	q-ak	47.3	msh	50	green-beige-gray, mainly mafic clasts, all clasts strongly altered, clasts 1cm-10cm generally, clasts generally flattened and sheared, therefore could also be purely tectonic breccia
48.7	49.95	M-Sc	cg	ak-s-fu	ssh	5	py	30	q-ak	49	ssh	55	as above but more intensely sheared and altered, minor black carbonaceous seams,
49.95	50.7	M-Sc+Sw	mg-cg	ak-c-s	wsh	0.1	py	5	q-ak	50.7	wS1	50	mixture of Sw and Sc, 8cm mg-Mg-dyke at 50.4
50.7	51.36	M	fg	ak-c-s	wsh			5	q-ak	51	wS1	45	green, fine mafic rock, numerous random chloritic frac.
51.36	51.86	M+ak-q-vn	fg	ak-s-c	msh	3	py	50	ak-q	51.5 51.6	v msh	5 40	ak-q-vn parallel to core axis, strong alt. and fol. around vein,
51.86	52.6	M	fg	ak-c-s	wsh	1	py	5	q-ak-cc	52.2	wS1		as M above, 1cm carbonaceous veins near base
52.6	52.9	Sag	fg		wsh	0.1	py			52.6 52.9 52.9	S0? S0? msh	40 30 40	black carbonaceous argillite, possibly minor graphite, contacts sharp but tectonically modified, ak-vn on bottom contact
52.9	54.14	M	fg	ak-c-s	wsh	0.1	py	5	q-ak-cc	53.2 53.3	wS1 v	45 30	green-gray, very blocky,
54.14	55	M	fg	ak-s-c	ssh	1	py	50	q-ak	54.2 54.3 54.5 54.5 55	ssh v ssh v ssh	15 10 50 55 35	minor shear zone, appears to be folded, breccia appears near base, very blocky, lower contact sharp at 35 to CA,
55	59.74	M	fg	ak-c-s	wsh	0.1	py	20	q-ak	56 56	wS1 v	45 40	green-gray, very blocky, vuggy q-cc veins and fracs at low angle to CA offset q-ak veins, locally rusty weathering,
59.74	62.79	M	mg	c-(ak)-(s)		0.1	py	10	q-ak	60	v	30	gray, not blocky
62.79	68.9	M	fg	(c)-(ak)				10	q-l	64 64	v frac	35 10	gray-green, locally blocky , generally featureless, good location to see low angle fractures,
68.9	73.43	M	fg	l				10	q-l	69	v	40	as M above but calcite alt.
73.43	74.33	M	fg	ak-s	wsh-bx	1	py	40	q-ak	74.85 74.33	wS1 v	50 40	fault-bx in M above, beige
74.33	76.6	M	fg					5	q-l	76	ws1	55	typical M
76.6	76.9	q-vn			v			100	q	76.6	v	45	white, wallrock fracs chloritic
76.9	85.55	Mg	mg	bx		0.1	py	5	q-l	83 78.7	wS1 v	45 18	gray-green, 50% mafic- 50% felsic minerals, 5% obvious 1mm leucoxenes, generally equigranular 1-2mm grain size, mafic mins are aligned and form foliation,
85.55	92.77	Mgq	mg-mt			0.1	py	5	q-l-h			15 40	gray-green, 50% mafic- 50% felsic minerals, 5% 1-2mm quartz crystals, equigranular 1-2mm grain size, 5% hematite filled veins, 5% mag. and fractures, local cleavage,

KEN-94-01

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
92.77	93.57	q-vn			v	0.1 0.1 0.1	cp py h	80	q-h	93 93	v wS1		
93.57	96.5	Mg	mg-mt					5	q-h	96	v	30	as Mgq but slightly finer grained and no quartz, extremely blocky, numerous vuggy low CA l-veins,
96.5	105.06	M	fg			0.1 0.1	cp h	5	q-l-h	99.2 102.4	v v	80 3	gray-green, vuggy q-l-h veinlets at low CA,
105.06	105.76	Mg	p(a)-dyke	(ab)				2	q	105.5	S1	65	gray-green, fine grained matrix hosts 15% 1-3mm elongate amphibole phenocrysts, amphibole phenos. are flattened in plane S1, upper margin is clearly chilled showing increase in pheno. size to center of dyke., incipient pinkish albitization.
105.76	110.46	M	fg					2	q	109.5	S1	38	typical featureless M,
110.46	110.9	M	fg	s-ak	wsh	1	py	10	q	110.6	v	35	green-buff, altered,
110.9	113	M	fg					2	q				typical featureless M,
113	113.2	q-vn			v	1	py	100	q				white with minor pink albite, core ground- contacts not available.
113.2	118	M	fg	(ak)		0.1 0.1	py h	5	q				slightly alt. M.
118	119.2	q-ab-vn		ab-ak	ssh-v-bx	0.1	py	80	q-ab-ak	118	ssh v v	55 50 20	strongly sheared zone with brecciated q-ab-ak-vein, white+brown+pink, shearing on either side of vein has a high CA.
119.2	119.8	M	fg	ab-ak-s	wsh-bx			25	q-ab-ak				brecciated and altered M,
119.8	120.1	Mg	p(a)-dyke	ab	wsh	0.1	py	10	q-ab				red-pink, fine grained red-pink albitic matrix with 20% amphibole phenocrysts, (albitite??).
120.1	121	Mg	p(a)-dyke	(ab)	ssh	0.1	py	10	q-ak	120.8	ssh	55	buff-green, p(a)-Mg dyke, sheared and altered, blocky
121	122.8	Mg	p(a)-dyke	ab	wsh			5	q				red-pink,
122.8	125	Mg	p(a)-dyke	(ab)	wsh			2	q	123	wS1	45	gray-green,
125	125.9	Mg	p(a)-dyke	ab	wsh	0.1	py	5	q				red-pink,
125.9	128.34	M	fg	(ab)	wsh	0.1	py	5	q-l				green-buff, very blocky
128.34	129.34	Mg	p(a)-dyke	ab	wsh			2	q				red-pink, blocky,
129.34	135.44	M	fg	(ak-s)	(bx)	0.1	py	2	q-1				green-gray, network of chloritic fractures give brecciated appearance,
135.44	136.8	M	fg	ak-s	(bx)	0.1	py	40	q-ak	136	v	30	green-buff,
136.8	143	M	fg	ak-s	wsh-(bx)	0.1	py	5	q-ak	138.9 142	wS1 v	50 10	buff-green, chloritic fracs. brecciate, fracs appear as polysuturing but deemed to be secondary because they offset some veins,

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FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
143	148.13	M	fg	(ak-s)	wsh-(bx)	0.1	py	3	q	148	wsh	40	gray-green, blocky
148.13	164.97	M	fg	l-(c)	(bx)	0.1	py	2	q-l	150.5	wS1	45	gray-green,
154.73	155.18	q-ak-bx			v-bx	0.1	py	80	q-ak				white-pink,
155.18	164.97	M	fg	l-(c)	(bx)	0.1	py	2	q-l				gray-green,
164.97	182.36	Mg	mg	l-(ep)				1	q-l				dark green, upper contact intrusive at CA=20, appears less altered than the fg-M above, lower contact also at a low CA,
182.36	194.5	M	fg	(ak-s)	(bx)	0.1	py	3	q-ak				green-buff, again looks polysutured due to chloritic fractures,
194.5	206.7	Mg	mg-mt-dyke	(ep)									fine-grained black chilled margins grade into medium grained equigranular diabase, massive and undeformed, may be Matachewan, contacts obscured by blockiness,
206.7	211	M	fg	l-s	wsh-(bx)	0.1	py	20	q-l	207	wsh	45	green, strongly bx and calcite altered,
211	211.6	mud			fault	0.1	py	10	q				gray mud seam, small q-vein with trace py. at upper contact.
211.6	243.43	M	fg-mt	(ep-l)		0.1	py	3	q-l-h	217 217	c-frac v	25 30	gray-green, locally slightly brecciated with chloritic fracs, local 1cm patchus of massive magnetite, at 217 chloritic fractures offset q-l veins,
243.43	245.7	M	mg	(l)				2	q-l	245	wsh	30	gray-green,
245.7	246.3	M	fg	(l)				1	q-l				gray-green, upper contact is gradational, possible chilled margin?
246.3	247.9	Mg	mg	c-l-lx	wsh			1	q-l	247.5	S1	35	gray-green, foliated, 5% leucoxene, 50-50 mafic-felsic mins,
247.9	248.72	Mg	mg	l-s	msh			5	q	248	msh	50	green-buff,
248.72	250.7	M	fg	l-s	bx	0.1	py	10	q-l-h	250	v	5	buff-green, chloritic fracs, fault+vein along CA,
250.7	251.7	M	fg	l				3	q-l				gray-green,
251.7	256.9	Mg	mg	l		0.1	py	1	q-l	259	S1	45	gray-green, slightly amphibole porphyritic and 60% felsic 40% mafic minerals, contacts sharp,
256.9	276.75	M	fg	l		0.1	py	2	q-l-h				green, slight grain size variations, local py. patches
276.75	275.95	M	fg	l	fault-bx			5	q-l	276.75	fault	40	angular green fragments in white q-l matrix, fragments 2-20mm
275.95	276.25	mud			fault								drillers had no return
276.25	285.29	Mg	cg	(s-ak)	ssh	0.1	py	5	q	278	ssh	35	mottled dark green + buff, 50% mafic 50% felsic minerals, grains 4-6mm + flattened, deformation decreases down hole, at 279.20 possible moly. or graphitic slip,

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FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
285.29	287.9	Mg	cg	(s-ak)	wsh			3	q	289	wsh	30	as above but less deformed,
287.9	289.79	Mg	mg	(s-ak)	wsh			2	q				green, difficult to see feldspars unless altered,
289.79	296.08	Mg	cg	(s-ak)	msh	0.1	py	5	q	295	msh	35	as above but more deformed, vuggy late calcite filled frac. at 05 to CA.
296.08	298.08	Mg	mg	ep-l				3	q-l				green, difficult to observe primary textures gabbro due to alteration,
298.08	303	Mg	fg-mg	l-lx	wsh	5 0.1	py cpy	5	q-l-py	300	wsh	45	dark green, 4% lx, grain size generally 1-3mm, some courser patches, 2cm band of fine pyrite at 301,
303	306.03	Mg	mg	l	wsh	0.1	h	10	q-l	303.5	wsh	45	green-white mottled, 3-5mm grains, 50/50 mafic/felsic minerals, grains flattened,
306.03	307.83	M*	mg	l		0.1	h	2	q-l-h				gray-green with slight red tinge, mafic to intermediate unit with grain size varying from 1-6mm, contains 2-5% angular mafic clasts or phenocrysts (3-6mm) , some phenocrysts appear biotitic, probably a lamprophyre dyke in local terms, contacts are sharp, foliated but more massive than surrounding units,
307.83	309.61	Upx	fg-mg	l				3	q-l				gray, soft, talcose where sheared, probably volcanic,
309.61	314.25	M*	mg	l		0.1	h	2	q-l-h	311.1	wsh	50	as M* above
314.25	316.97	Upx	fg-rx	l				2	q-l				gray, fine grained Komatiite with spinifex section down-hole, excellent spinifex at 316.80,
316.97	321.77	M-Upx	fg-mg	l	wsh	0.1 0.1	py h	5	q-l-h	320	wsh	55	mixed unit of fine Upx and medium Mg, Upx sections more sheared and talcose,
321.77	324.92	M*	mg	l		0.1	h	3	h-q-l				as M* above

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FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
29.8	30.4		411551	-5	0.1	-5	65	6	86	73
30.4	31.1		411552	12	0.1	-5	10	1	16	9
31.1	32.1		411553	-5	0.1	-5	7	3	9	6
32.1	33		411554	-5	0.1	-5	12	3	1	8
33	34	Lost 75cm	411555	3	0.1	-5	6	1	1	8
34	35.05		411556	3	0.1	-5	5	4	1	7
35.05	36		411557	-5	0.1	-5	10	5	1	8
36	37		411558	5	0.1	-5	10	2	1	7
37	38.1		411559	3	0.1	-5	9	5	1	8
38.1	38.7		411560	5	0.1	-5	15	6	1	5
38.7	39.45		411561	17	0.1	-5	9	16	2	8
39.45	39.95		411562	15	0.1	-5	7	22	2	6
39.95	40.25		411563	7	0.1	-5	11	25	1	5
40.25	40.75		411564	15	0.1	-5	8	21	3	9
STANDARD		HR-9	411565	1776	0.3	433	10	17	52	8
40.75	41.25		411566	-5	0.1	-5	4	8	1	5
41.25	41.95		411567	14	0.2	-5	17	15	3	7
41.95	42.75		411568	17	0.3	-5	7	27	1	7
42.75	43.6		411569	67	0.3	-5	22	108	3	29
43.6	44		411570	3	0.2	-5	28	5	1	83
44	45		411571	10	0.4	-5	16	7	1	38
45	46.44		411572	-5	0.1	-5	11	5	1	68
46.44	46.54		411573	2	0.1	-5	11	3	1	46
46.54	47		411574	10	0.2	-5	34	11	2	56
47	47.7		411575	2	0.1	-5	71	2	1	72
47.7	48.1	mainly q-ak-vn	411576	22	0.1	21	82	2	1	65
48.1	48.7		411577	7	0.1	14	106	1	1	64
48.7	49.95		411578	33	0.2	9	73	2	2	63
49.95	51.36		411579	-5	0.1	-5	102	3	1	78
STANDARD		HR-8	411580	33	0.7	68	9	4	14	9
51.36	51.86		411581	29	0.2	10	135	4	1	95
51.86	52.28		411582	-5	0.1	-5	50	2	1	65
52.28	52.6	cc-vn	411583	27	0.3	21	193	4	2	126
52.6	52.9		411584	36	0.3	46	250	3	5	71
52.9	53.34		411585	-5	0.1	-5	60	2	2	92
53.34	54.14		411586	7	0.1	-5	194	3	11	178
54.14	55		411587	21	0.3	22	202	2	7	132
55	56.39		411588	2	0.1	-5	63	2	3	144
56.39	58		411589	31	0.1	-5	156	2	1	89
58	59.74		411590	5	0.1	-5	169	1	1	136
73.43	73.78	less intensely altered and bx'd than 411592	411591	5	0.1	-5	89	1	1	69
73.78	74.33		411592	51	0.1	-5	82	2	2	33

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FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
92.77	93.57	q-vn	411593	122	0.1	-5	2420	4	1	60
99.12	99.36	patch cp-h 1% total	411594	3	0.1	-5	46	1	1	110
STANDARD		HR-9	411595	1735	0.4	425	11	17	52	8
110.46	110.9		411596	34	0.2	-5	183	2	1	107
113	113.2		411597	12	0.2	-5	31	1	5	22
76.6	76.9		411598	21	0.1	-5	91	2	4	61
78.7	79	2-1cm q-vns with 1% py in selvage	411599	53	0.1	-5	42	5	1	145
118	119.2		411600	5	0.1	-5	11	1	2	33
STANDARD		HR-9	411601	1680	0.4	435	10	18	53	8
119.2	119.8		411602	15	0.1	-5	16	7	1	61
119.8	120.1		411603	2	0.1	-5	10	1	1	18
120.1	121		411604	9	0.1	-5	7	5	2	70
121	122.8		411605	5	0.1	-5	12	1	1	28
122.8	123.75		411606	3	0.1	-5	5	1	1	81
123.75	125		411607	5	0.1	-5	7	1	1	83
125	125.9		411608	10	0.1	-5	24	4	2	27
125.9	128.34		411609	21	0.1	-5	83	4	1	103
128.34	129.34		411610	14	0.1	-5	32	2	1	50
132.3	134.05		411611	12	0.1	-5	82	1	1	132
134.05	135.44		411612	29	0.1	-5	148	2	1	98
135.44	136.8		411613	21	0.2	13	99	2	1	73
136.8	138.89		411614	10	0.1	-5	71	2	1	88
STANDARD		HR-8	411615	27	0.8	58	9	3	14	9
138.89	140.5		411616	33	0.1	-5	90	3	1	89
140.5	143		411617	3	0.1	-5	98	2	5	82
154.73	155.18		411618	65	2.3	20	97	6	1	55
186.86	187.76	1% py, 10% q-ak vns	411619	12	0.1	27	72	1	1	74
193	193.3	30% q-ak-vns, tr. py	411620	21	0.1	15	60	2	2	119
206.7	209.09		411621	17	0.1	16	100	1	1	136
209.09	210.5		411622	3	0.1	18	94	1	1	104
210.5	211		411623	2	0.1	-5	75	27	29	132
211	211.61		411624	34	7.3	-5	158	3	3	89
229.63	230.53	1% py in low CA q-vn	411625	7	0.1	-5	83	1	3	100
247.9	248.22		411626	9	0.1	-5	19	1	1	95
248.22	248.72		411627	9	0.1	-5	23	1	1	83
248.72	250.7		411628	17	0.1	-5	109	2	1	75
256.8	257.25	wsh, tr. py	411629	10	0.1	-5	172	3	2	120
STANDARD		HR-9	411630	1745	0.3	422	10	18	52	7
259.9	260.33	2% q-l vns, tr. py in q-l-c vnlet.	411631	7	0.1	-5	108	1	1	113
269.25	270.05	tr. py	411632	24	0.2	-5	95	4	1	94
270.05	271.15	tr. cubic py.	411633	12	0.1	-5	132	1	1	119
276.75	276.95		411634	14	0.1	-5	11	1	1	150

KEN-94-01

FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
277.25	279.3		411635	10	0.1	-5	70	5	1	59
279.3	282.29		411636	7	0.1	80	76	1	1	66
282.29	285.29		411637	14	0.1	88	70	1	1	78
285.29	287.9		411638	3	0.1	63	84	1	1	70
289.79	291.39		411639	2	0.1	23	91	1	1	89
291.39	294.44		411640	2	0.1	62	58	2	1	80
294.44	296.08	3cm l-py veinlet at 296	411641	7	0.1	260	74	1	8	112
296.08	297.48		411642	10	0.2	132	164	1	1	164
298.8	300.75	q-l-py vns.	411643	33	0.2	143	143	1	1	172
300.75	301.15	10% py diss and in q-l-py vns	411644	243	0.9	180	452	1	15	202
STANDARD		HR-8	411645	29	0.8	63	9	3	14	10
301.15	301.85	2% py in q-l-py vnlt	411646	58	1.2	321	793	5	7	157
301.85	303.3	tr. cp, tr. py	411647	14	0.1	-5	238	1	1	175
303.3	304.18	20% q-l-vn (30 cm vn) tr. py.	411648	3	0.1	-5	37	1	1	128
318.32	318.82	2% h, tr. py in fracs, 5% q-l-vns	411649	21	0.2	-5	1130	1	1	82
320.9	321.77	2% h in 15% q-l-h-vns, ssh	411650	21	0.7	-5	100	7	1	87

KEN-94-02

HOLE NUMBER:	KEN-94-02				
GRID LOCATION:	L84+07E	71+95N		**CLAIM NUMBER:**	1186327
SURVEY LOCATION (UTM):	568427 mE	5337193 mN		**ELEVATION:**	303m
CORE SIZE:	BQ		**LENGTH:**	218.24m	
BEARING:	360		**DIP:**	46.5	
START:	23/02/94		**FINISH:**	28/02/94	
CORE STORED AT:	Kirkland Lake Industrial Plaza				
DRILLING CONTRACTOR:	Heath and Sherwood				
LOGGED BY:	Rex Brommecker		**LOG COMPLETED:**	05/03/94	
SIGNED:	Rex Brommecker				

TESTS

TYPE:	**ACID**				
DEPTH:	100	**DIP:**	45	**BEARING:**	360
DEPTH:	200	**DIP:**	43	**BEARING:**	360

KEN-94-02

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
0	23.3	O/B											
23.3	30.5	Srdt	cg	h				1	q				reddish-brown Timiskaming, 40% reddish trachyte clasts, trace jasper clasts, clasts 2-50mm in size, greenish matrix has slight foliation,
30.5	31.3	Srdt	cg	c	wsh			1	q	31	wsh	50	as above but clasts are elongated and foliation is developed,
31.3	34.6	Srdt	cg	s-l-(ak-fu)	ssh	0.1	py	3	q-l-ak	33	ssh	45	beige-green, deformation increases down-hole,
34.6	37.5	Srdt	cg	l-c	fault-bx			10	q-l				green, very angular, q-l-cemented fault breccia
37.5	51.4	Srdt	cg	h				2	q-l	47	S1	40	reddish-brown Timiskaming, 30% reddish trachyte clasts, mostly pebble sized clasts, greenish matrix, slight foliation,
51.4	53.3	Srdt	cg	h-ep		0.1 0.1	cp py	5	q-ep	52	S1	40	reddish-brown with green epidotised patches and veins, clast distribution as above,
53.3	69.08	Mg	mg-cg	ep									gray, chilled margin, blocky, totally unfoliated, late Nippissing? dyke.
69.08	72.4	Srdt	cg	h	wsh			2	q-l				reddish-brown,
72.4	78.63	Srdt	cg	s-(ak-fu)	ssh			5	q	76	ssh	55	beige-green, at 78.60 incipient seritisation is obvious, shear at good CA,
78.63	79.63	Srdt	cg	(s)	wsh			1	q	79	wsh	40	red-brown-beige, weakly sheared and altered,
79.63	84	Srdt	cg	(h)									red-brown,
84	89	Srdt	cg	s-(ak-fu)	ssh			2	q	85	ssh	30	beige-green, shearing and sericitisation gradational on either side,
89	99.36	Srdt	cg	(h)				1	q	93	S1	30	red-brown, minor shear at 95.3
99.36	107.1	Srdt	cg	s-(ak-fu)	ssh	0.1	py	5	q-ak	105.5	ssh	15	beige-green, strong shear at bad core angle,
107.1	114.1	Srdt	cg	ak-c	wsh	0.1	py	10	q-ak	109 112	wsh v	30 45	green-brown, main feature of this section is 10% q-ak-vns 2-10mm in width with 1-4mm sericitic margins, q-ak-vns are zoned: ak. on edges q. in center,
114.1	121.8	Srdt	cg	(h)				3	q	118.5	S1	35	brown-green, 10cm fine mafic dyke at 120.5,
121.8	124.5	Srdt	cg	s-(ak-fu)	msh			2	q-ak	122	msh	30	beige-green, slightly brecciated between 121.8-122.4,
124.5	126.8	Srdt	cg	s-ak-fu	ssh	0.1		15	q-ak	125	ssh	45	beige, randomly oriented q-vns. contain trace pyrite, gradational into moderately sheared rocks on either side,
126.8	134.5	Srdt	cg	s-(ak-fu)	msh			2	q	129	msh	40	beige-gray, less trachyte fragments evident,
134.5	136.64	Mg	fg-mg-dyke										gray, chilled margins, strongly magnetic, Matachewan?,

KEN-94-02

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
136.64	139.63	Srdt	cg	s-l-(fu)	msh	0.1	py	10	q-l	137.5	msh	45	beige-green, clasts not readily dissernable,
139.63	140.48	Mg	fg-mg-dyke										as dyke above,
140.48	147	Swt	mg	s	msh	0.1	py	5	q-ak	143	msh	50	beige-gray, 20% sericite matrix?, grains generally 1-2mm, 50% q- 30% feldspars, 2 1-3cm gray chert clasts,
147	150	Mg	fg-mg-dyke										as dyke above,
150	151.9	Swt	mg	s	msh			3	q-ak	151.2	msh	40	Swt as above,
151.9	154.1	Mg	fg-mg-dyke										gray, chilled margins, not very magnetic, Matachewan? lower contact sharp at 25 CA.
154.1	156.2	Swt	mg	s	msh			3	q-ak	155.5	msh	50	Swt as above but has 30cm section of centimetric bedding and not large clasts,
156.2	156.7	Sant	mg	s	msh			1	q	156.5	msh	45	white, 10% sericite, 70% 1-2mm quartz, 20% 1-2mm feldspar, all grains generally equal size and subangular,
156.7	168.7	Swt	mg	s	msh	1	py	10	q-py	162	msh	50	beige-brown, famous basal grit of the Timiskaming?, 60% 1-2mm quartz, 15% 1-2mm feldspar, 20% sericite, 5% 3-6mm subang. to subrounded quartz clasts, 10% pervasive q-ak-py veining, minor pyrite is also disseminated throughout,
168.7	172.52	Swt	mg	h	wsh	0.1 0.1	py h	3	q-py-h	170.5	wsh	35	red-brown, sedimentalogically as above, reddish due to hematite?, small seams specks and patches of hematite,
172.52	183.96	Swt	mg	h		0.1 0.1	py h	3	q-py-h	178	S1	30	as above but not significantly sheared,
183.96	184.3	ak-s-bx		ak-s	fault-bx			10	q-ak				beige-green, brecciated carbonate sericite rock, 30% sericite, 50% ankerite, upper contact sharp tectonic with a 30 CA,
184.3	185.7	ak-s		ak-s	ssh			10	q-ak	185	ssh	30	beige-green, sheared carbonate sericite rock, 30% sericite, 50% ankerite,
185.7	186.2	ak-s-bx		ak-s	fault-bx			10	q-ak				as brecciated carbonate sericite rock above,
186.2	189.2	ak-s		ak-s	ssh			10	q-ak				beige-green, sheared carbonate sericite rock, 30% sericite, 50% ankerite,
189.2	189.7	ak-fu		ak-fu	ssh	0.1	py	10	q-ak	189.5 189.6	ssh S2	15 20	green-beige, sheared carbonate-fuchsite rock, 50% ankerite, 30% fuchsite, second crenulation cleavage is evident,
189.7	206.5	ak-s-fu		ak-s-fu	ssh	0.1	py	10	q-ak	198	ssh	15	beige-green, carbonate-sericite fuchsite rock, 50% ak, 15% s, 15% fu, very low core angles, narrow quartz veins with a trace of pyrite at 196.6 and 198.4,

KEN-94-02

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
206.5	218.24	ak-fu		ak-fu	ssh	0.1	py	10	q-ak	207	ssh S2	5 30	green-beige, carbonate-fuchsite rock, 50% ak, 30% fu, low core angles for two cleavages, local brecciated zones, local disseminations of pyrite,

KEN-94-02

FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
30.5	31.3		411651	9	0.1	-5	26	2	1	44
31.3	32.2		411652	10	0.1	-5	19	1	1	25
32.2	34.6		411653	27	0.1	-5	25	1	1	29
34.6	36.6		411654	7	0.1	-5	29	2	1	47
36.6	37.5		411655	9	0.1	10	5	1	1	37
37.5	38.1		411656	5	0.1	-5	5	2	1	49
51.4	53.3		411657	2	0.1	-5	558	2	1	45
69.1	72.4		411658	9	0.1	-5	115	1	1	54
72.4	74.89		411659	14	0.1	-5	23	1	2	50
74.89	76.59		411660	10	0.1	-5	54	1	1	41
76.59	78.63		411661	10	0.1	-5	54	1	2	39
78.63	79.63		411662	7	0.1	-5	86	1	2	35
84	85.5		411663	17	0.1	-5	73	1	3	42
85.5	86.13		411664	14	0.1	-5	37	1	1	53
STANDARD		HR-9	411665	1690	0.4	440	9	19	52	8
86.13	86.5		411666	14	0.1	-5	51	1	3	58
86.5	89		411667	10	0.1	-5	41	1	1	33
95.3	95.55	minor shear with 4cm q-vn,	411668	10	0.1	-5	5	1	1	51
99.36	102.25		411669	2	0.1	-5	65	1	1	66
102.25	105.18		411670	-5	0.1	-5	45	1	3	32
105.18	107.1		411671	-5	0.1	-5	52	2	4	50
107.1	107.8		411672	2	0.1	-5	53	1	3	68
107.8	109.2		411673	3	0.1	-5	30	1	17	74
109.2	110.7		411674	5	0.1	5	17	1	4	65
110.7	112.7		411675	3	0.1	-5	14	1	1	71
112.7	114.1		411676	3	0.1	-5	13	1	2	62
121.8	122.4		411677	3	0.1	-5	5	1	1	52
122.4	124.5		411678	5	0.1	-5	56	1	1	37
124.5	126.8		411679	9	0.1	-5	71	1	6	34
STANDARD		HR-9	411680	1663	0.3	423	10	18	51	9
126.8	130.04		411681	3	0.1	-5	47	1	1	34
130.04	132.89		411682	7	0.1	-5	36	2	3	32
132.89	134.5		411683	5	0.1	-5	24	2	2	46
136.64	139.63		411684	2	0.1	-5	44	1	1	58
140.48	142.04		411685	15	0.1	-5	35	2	1	29
142.04	145.08		411686	10	0.1	-5	28	1	2	28
145.08	147		411687	12	0.1	12	30	3	1	30
154.1	156.2		411688	9	0.1	11	47	2	1	47
156.2	156.7		411689	3	0.1	22	40	1	2	33
156.7	157.28		411690	21	0.1	15	30	1	3	43
157.28	158.78		411691	2	0.1	-5	41	1	1	34
158.78	160.32		411692	24	0.1	41	52	1	3	31

KEN-94-02

FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
160.32	163.37		411693	27	0.1	52	39	2	2	23
163.37	167.02		411694	15	0.1	18	35	1	5	38
STANDARD		HR-8	411695	27	0.8	54	9	3	15	9
167.02	167.42	80% q-vn, 1% py.	411696	79	0.1	29	35	1	3	28
167.42	168.17		411697	29	0.1	31	27	2	3	24
168.17	169.47		411698	14	0.2	31	29	2	2	25
171.38	171.9	5% q-py-h vns	411699	3	0.1	-5	22	1	1	47
181.66	183.96		411700	2	0.2	32	29	2	1	20
183.96	184.3		411701	10	0.1	13	45	1	1	54
184.3	185.7		411702	12	0.1	15	36	2	2	22
185.7	186.2		411703	2	0.1	17	95	1	2	42
186.2	187.76		411704	24	0.1	16	41	1	1	29
187.76	189.2		411705	2	0.1	20	41	1	2	36
189.2	189.7		411706	21	0.1	18	42	4	3	50
189.7	190.8		411707	2	0.1	-5	122	1	1	25
190.8	193.85		411708	5	0.1	10	36	1	2	32
193.85	196.6		411709	10	0.1	-5	25	2	2	57
196.6	197	80% q-vn, tr. py	411710	2	0.1	-5	48	1	1	33
197	198.4		411711	2	0.1	-5	62	1	1	29
198.4	198.65	80% q-vn, tr. py.	411712	24	0.1	-5	27	3	2	25
198.65	199.95		411713	14	0.1	-5	22	1	1	27
199.95	203		411714	2	0.1	9	25	1	1	31
STANDARD		HR-9 +HR-8 50/50	411715	1042	0.6	283	10	10	36	9
203	206.5		411716	3	0.1	12	48	1	2	33
206.5	209.09		411717	3	0.1	-5	12	1	4	27
209.09	212.14		411718	2	0.1	-5	22	1	3	31
212.14	215.19		411719	3	0.1	-5	37	1	3	34
215.19	218.24		411720	-5	0.1	-5	32	32	3	33

KEN-94-03

HOLE NUMBER:	KEN-94-03			
GRID LOCATION:	L84+00E	75+00N	**CLAIM NUMBER:**	1186327
SURVEY LOCATION (UTM):	568405 mE	5337495 mN	**ELEVATION:**	303m
CORE SIZE:	BQ	**LENGTH:**	287.43m	
BEARING:	180	**DIP:**	50	
START:	01/03/94	**FINISH:**	05/03/94	
CORE STORED AT:	Kirkland Lake Industrial Plaza			
DRILLING CONTRACTOR:	Heath and Sherwood			
LOGGED BY:	Rex Brommecker	LOG COMPLETED:	15/03/94	
SIGNED:	Rex Brommecker			

TESTS

TYPE:	**ACID**				
DEPTH:	105	**DIP:**	49	**BEARING:**	180
DEPTH:	209	**DIP:**	48	**BEARING:**	180
DEPTH:	287	**DIP:**	46	**BEARING:**	180

KEN-94-03

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
0	65.14	O/B											
65.14	92.65	Ssip						0.1	h-q-l	88.5	S0	40	gray-green, massive, rare bedding is hard to discern, occassional hematitic fracture, rare isolated drop-stones 5-10mm, eg. dropstone at 89m, rare wacke bed, typical Gowganda,
92.65	95.38	Ssip	mt					0.1	h-q-l				as above but magnetic,
95.38	114.61	Ssip-Swp	mt					0.1	h-q-l	97 101	S0 S0	45 45	gray-green, bedded siltstone and wacke, magnetic, beds generally 1cm to 1m wide, no grading, strong mafic component 50-70%, quartz is rare, 10-30% feldspar, rare 15-200mm dropstones, Gowganda,
114.61	119	Ssip	mt					0.1	h-q-l				gray-green, massive siltstone, sharp upper contact and gradational into wacke below, Gowganda,
119	132.45	Swp	mt										gray-green, gradational upper and lower contacts, Gowganda,
132.45	135	Srdp-Swp	mt							133.53	S0	45	gray-green-pink, pebble conglomerate and course wacke beds 10-100cm thick, pebble conglomerate is matrix supported with subangular clasts, 30% mafic, 30% sedimentary, 40% red trachyte and syenite clasts, flame structures indicate tops up hole, Gowganda,
135	147.5	Ssip-Swp	mt					0.1	h-q-l	137 139 146	S0 S0 S1	50 75 30	as Ssip-Swp above but wacke units are disrupted and chaotic due to soft sediment deformation, Gowganda,
147.5	160.62	Swp-Srdp	mt							156	S0	30	course wacke to pebble conglomerate similar to Srdp-Swp above, large drop-stone at 157.88, flames indicate top up-hole, beds 5cm-100cm thick, Gowganda,
160.62	162.05	Srdp	mt							162	S0	30	gray-green, pebble conglomerate, matrix supported with subangular clasts, sharp contact at both sides, weak foliation, 40% mafic 20% red felsic trachyte and syenite clasts 40% intermediate clasts, drop-stone at top of bed, rare jasper fragments, Gowganda,
162.05	164.47	Swp-Srdp	mt							163 164.5	S0 S0	70 45	as Swp-Srdp above, lower contact sharp, Gowganda

KEN-94-03

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
164.47	174.9	Srd(p?)	mt			0.1	py	0.1	q-l	170 173	S1 S1	45 40	gray-green-pink, clast ave. 1cm-5cm, matrix support, subrounded clasts, 50% mafic 40% reddish trachyte and syenite clasts, trace jasper clasts, weak foliation increases down-hole, brecciation begins near lower contact, probably Gowganda but deformation makes a positive identification dubious, could be Timiskaming,
174.9	175.56	Fault-bx		c-l	fault-bx	0.1	py	10	q-l	175	S1	50	gray-green, fault breccia with angular clasts in matrix of rock flour and quartz-calcite, minor fabric elongation along S1,
175.56	183.46	ak-fu		ak-fu	ssh			70 10	ak-fu q	178 180	ssh ssh	80 70	white-light green, strongly sheared green-carbonate zone, 70% ak, 20% fu, 10% q, 5% s,
183.46	193.7	Mv	fg	s-ak		0.1	py	20	q	187	S1	40	beige-green, intensely altered mafic volcanic, alteration decreasing down-hole, extreme bleaching due to sericite, local late chloritic fracturing and veining,
193.7	200.87	Mv	fg	c-ak-s				5	q-ak	197	S1	40	green-beige, moderately altered mafic volcanic, less bleached and more chlorite than above,
200.87	203.09	Mv	fg	s-ak		0.1	py	5	q-ak	203	S1	50	beige-green, intensely altered mafic volcanic,
203.09	218.24	Mv	fg	c-ak-s				3	q-ak				green-beige, moderately altered mafic volcanic,
218.24	221.28	Mv	fg	ak-s-sil	wsh	0.1	py	5	q	221	S1	45	beige-green, intensely altered mafic volcanic,
221.28	223.43	Mv	fg	ak-s-sil	msh	0.1	py	5	q	222	msh	55	beige-green, intensely altered mafic volcanic, shearing increasing down-hole,
223.43	224.03	ak-fu		ak-fu	ssh			30	ak-q	224	ssh	70	white-light green, ankerite-fuchsite rock derived from mafic volcanics, strongly sheared at good CA.,
224.03	225.75	Mv	fg	ak-s-sil	msh	0.1	py	5	q	225	msh	55	beige-green, intensely altered mafic volcanic,
225.75	260.8	Mv	fg	ak-s		0.1	py	15	q-ak	240	S1	45	green-beige, moderately altered mafic volcanic, possible pillow selvages at 241 to 243, local pyrite and quartz veinlets well developed at 254.42-255.05 and 260.0-260.91
260.8	266.75	ak-s-(Swt)		ak-s-sil	msh	0.1	py	10	q-ak	262	msh	40	beige, sericite-ankerite-quartz rock, trace fuchsite and pyrite, locally recognisable patches of Swt with 3-5mm quartz "grit",
266.75	271.65	ak-fu		ak-fu	msh			30	q-ak	270	msh	40	white-light green, ankerite-fuchsite rock, 70% ak and 20% fu,

KEN-94-03

FROM	TO	ROCK CODE	PRIMARY FEATURES	ALTERATION CODES	STRUCT. CODES	SULPHIDES %	TYPE	VEINS %	TYPE	LOCATION	STRUCTURE	CORE ANGLE	COMMENTS
271.65	277.65	s-ak-q-(Srdt)		ak-s	ssh			30	q-ak	276.3	ssh	50	beige-white-green, extremely altered and sheared rock, locally quartz and jasper pebbles can be observed so the protolith is probably Srdt, all contacts are sheared,
277.65	280	Swt-fault-bx		s-ak	msh-bx	0.1	py	30	q-l-ak	279 280	ft-bx msh	5 55	reddish-beige, 50% is sheared Swt with 3-5mm quartz "grit" and 50% is fault breccias often at very low CA, fault breccias are late q-l-cemented and vuggy, Swt is similar to that found near the bottom of KEN-94-02,
280	282.84	Swt		s-ak	msh	0.1	py	5	q-ak	282	msh	45	reddish-beige, 10% 3-5mm quartz grit" in a fine matrix, grit is subangular, no obvious bedding,
282.84	285.5	fault-bx		s-ak-l	fault-bx	0.1	py	10	q-l				reddish-brown-white-gray, late fault breccia cemented with quartz-calcite and rock-flour, generally angular clasts of Swt, foliated clasts are randomly oriented, late vuggy fractures cut early quartz-ankerite veins, local blackened graphitic appearance,
285.5	287.43	Swt		s-(ak)	msh			5	q-ak	287	msh	50	Swt as above, "grit"

KEN-94-03

FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
167.45	167.75	tr. py in Srd	411721	10	0.1	-5	63	1	5	110
174.5	174.9	Srd deformed	411722	10	0.1	-5	68	2	1	151
174.9	175.56	fault-bx, tr. py	411723	17	0.2	-5	19	2	2	64
175.56	177.2		411724	-5	0.1	-5	113	1	1	59
177.2	178.61		411725	2	0.1	-5	25	1	1	62
178.61	180.1		411726	2	0.1	-5	22	1	1	32
180.1	181.66		411727	-5	0.1	-5	26	7	1	26
181.66	183.46		411728	2	0.1	-5	95	1	11	34
183.46	184.71		411729	3	0.1	-5	88	2	3	39
STANDARD		HR-8	411730	31	0.8	55	9	3	15	10
184.71	186.15		411731	2	0.1	15	74	1	1	37
186.15	187.76		411732	-5	0.1	10	71	3	1	42
187.76	188.36		411733	-5	0.1	-5	100	1	1	35
188.36	189.16	30% q-vn, tr. py	411734	2	0.1	-5	94	1	1	39
189.16	190.8		411735	7	0.1	-5	66	2	1	45
192.2	192.5	40% q-vn	411736	5	0.1	-5	48	2	1	34
200.87	203.09		411737	-5	0.1	-5	82	1	1	34
214	216.7		411738	9	0.1	-5	66	1	1	61
218.24	221.28		411739	2	0.1	-5	68	2	1	63
221.28	223.43		411740	5	0.1	-5	50	1	1	53
223.43	224.03		411741	3	0.1	-5	43	2	1	65
224.03	225.75		411742	-5	0.1	-5	80	1	1	59
228.56	228.96		411743	-5	0.1	-5	128	1	1	42
228.96	230.43		411744	2	0.1	-5	66	1	1	62
STANDARD		HR-9	411745	1666	0.4	443	10	17	53	10
244.62	245.06		411746	2	0.1	-5	61	1	1	47
251.12	252.46		411747	-5	0.1	-5	66	1	1	42
252.46	254.42		411748	14	0.1	-5	68	1	1	68
254.42	255.05		411749	12	0.1	-5	82	2	1	44
255.05	256.1		411750	3	0.1	-5	53	2	1	68
261	257.86		411751	2	0.1	-5	77	2	1	59
257.86	260		411752	3	0.1	-5	107	1	1	66
260	260.91		411753	7	0.1	-5	69	2	1	59
260.91	263.96		411754	10	0.1	-5	84	1	1	40
263.96	265.2		411755	5	0.1	-5	44	1	1	37
265.2	266.75		411756	2	0.1	-5	67	1	1	31
266.75	268.27		411757	5	0.1	28	54	1	2	42
268.27	270.05		411758	7	0.1	15	33	1	2	43
270.05	271.65		411759	-5	0.1	-5	14	1	2	42
271.65	273.1		411760	-5	0.3	-5	49	1	1	53
273.1	276.15		411761	2	0.1	-5	113	2	1	55
276.15	277.65		411762	14	0.2	-5	92	3	2	62
277.65	280		411763	15	0.1	48	48	3	3	35

KEN-94-03

FROM	TO	COMMENTS	SAMPLE	Au (PPB)	Ag (PPM)	As (PPM)	Cu (PPM)	Mo (PPM)	Pb (PPM)	Zn (PPM)
280	282.84		411764	3	0.1	22	42	2	1	28
STANDARD		HR-8	411765	27	0.9	56	9	3	14	8
282.84	285.5		411766	12	0.1	40	42	1	1	47
285.5	287.43		411767	9	0.1	21	29	3	1	35

APPENDIX V

Appendix V: Project Cost Breakdown

Contractor's Costs Drilling and Mobilisation	$41,906.77
Assays	$ 4,411.61
Transportation	$ 708.52
Accommodation	$ 526.68
Food	$ 729.63
Core Facility Rental	$ 2,600.00
Geology Core Logging, Report Writing, Drill Supervision 1 Geologist 305 hrs @ $27.50/hr =	$ 8,387.50
Drafting 1 Draftsman 30 hrs @ $20.50/hr =	$ 615.00
TOTAL COSTS=	$59,885.71

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Established 1928
Assaying - Consulting - Representation

42A01SE0004 W9480.00345 EBY

020

Geochemical Analysis Certificate

4W-0492-RG1

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-24-94

We hereby certify the following Geochemical Analysis of 83 core samples submitted MAR-18-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411685	15		0.1	<5	35	2	1	29
CR-411686	10		0.1	<5	28	1	2	28
CR-411687	12	9	0.1	12	30	3	1	30
CR-411688	9		0.1	11	47	2	1	47
CR-411689	3		0.1	22	40	1	2	33
CR-411690	21		0.1	15	30	1	3	43
CR-411691	2		0.1	<5	41	1	1	34
CR-411692	24	38	0.1	41	52	1	3	31
CR-411693	27		0.1	52	39	2	2	23
CR-411694	15		0.1	18	35	1	5	38
CR-411695	27		0.8	54	9	3	15	9
CR-411696	79	53	0.1	29	35	1	3	28
CR-411697	29		0.1	31	27	2	3	24
CR-411698	14		0.2	31	29	2	2	25
CR-411699	3		0.1	<5	22	1	1	47
CR-411700	2		0.2	32	29	2	1	20
CR-411701	10		0.1	13	45	1	1	54
CR-411702	12		0.1	15	36	2	2	22
CR-411703	2		0.1	17	95	1	2	42
CR-411704	24	17	0.1	16	41	1	1	29
CR-411705	2		0.1	20	41	1	2	36
CR-411706	21		0.1	18	42	4	3	50
CR-411707	2		0.1	<5	122	1	1	25
CR-411708	5		0.1	10	36	1	2	32
CR-411709	10		0.1	<5	25	2	2	57
CR-411710	2		0.1	<5	48	1	1	33
CR-411711	2	5	0.1	<5	62	1	1	29
CR-411712	24		0.1	<5	27	3	2	25
CR-411713	14		0.1	<5	22	1	1	27
CR-411714	2		0.1	9	25	1	1	31

One assay ton portion used.

Certified by G. Leh

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

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0492-RG1

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-24-94

We hereby certify the following Geochemical Analysis of 83 core samples submitted MAR-18-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411715	1042	987	0.6	283	10	10	36	9
CR-411716	3		0.1	12	48	1	2	33
CR-411717	3		0.1	<5	12	1	4	27
CR-411718	2		0.1	<5	22	1	3	31
CR-411719	3		0.1	<5	37	1	3	34
CR-411720	Nil		0.1	<5	32	32	3	33
CR-411721	10		0.1	<5	63	1	5	110
CR-411722	10	9	0.1	<5	68	2	1	151
CR-411723	17		0.2	<5	19	2	2	64
CR-411724	Nil		0.1	<5	113	1	1	59
CR-411725	2		0.1	<5	25	1	1	62
CR-411726	2		0.1	<5	22	1	1	32
CR-411727	Nil		0.1	<5	26	7	1	26
CR-411728	2		0.1	<5	95	1	11	34
CR-411729	3		0.1	<5	88	2	3	39
CR-411730	31	27	0.8	55	9	3	15	10
CR-411731	2		0.1	15	74	1	1	37
CR-411732	Nil		0.1	10	71	3	1	42
CR-411733	Nil		0.1	<5	100	1	1	35
CR-411734	2		0.1	<5	94	1	1	39
CR-411735	7		0.1	<5	66	2	1	45
CR-411736	5		0.1	<5	48	2	1	34
CR-411737	Nil		0.1	<5	82	1	1	34
CR-411738	9		0.1	<5	66	1	1	61
CR-411739	2	5	0.1	<5	68	2	1	63
CR-411740	5		0.1	<5	50	1	1	53
CR-411741	3		0.1	<5	43	2	1	65
CR-411742	Nil		0.1	<5	80	1	1	59
CR-411743	Nil		0.1	<5	128	1	1	42
CR-411744	2		0.1	<5	66	1	1	62

One assay ton portion used.

Certified by G. Leb

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Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0492-RG1

Company: **WESTMINER CANADA LTD** Date: MAR-24-94
Project: 4045
Attn: R. Brommecker

We hereby certify the following Geochemical Analysis of 83 core samples submitted MAR-18-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411745	1666	1663	0.4	443	10	17	53	10
CR-411746	2		0.1	<5	61	1	1	47
CR-411747	Nil		0.1	<5	66	1	1	42
CR-411748	14		0.1	<5	68	1	1	68
CR-411749	12		0.1	<5	82	2	1	44
CR-411750	3	2	0.1	<5	53	2	1	68
CR-411751	2		0.1	<5	77	2	1	59
CR-411752	3		0.1	<5	107	1	1	66
CR-411753	7		0.1	<5	69	2	1	59
CR-411754	10		0.1	<5	84	1	1	40
CR-411755	5		0.1	<5	44	1	1	37
CR-411756	2		0.1	<5	67	1	1	31
CR-411757	5		0.1	28	54	1	2	42
CR-411758	7		0.1	15	33	1	2	43
CR-411759	Nil		0.1	<5	14	1	2	42
CR-411760	Nil		0.3	<5	49	1	1	53
CR-411761	2		0.1	<5	113	2	1	55
CR-411762	14	17	0.2	<5	92	3	2	62
CR-411763	15		0.1	48	48	3	3	35
CR-411764	3		0.1	22	42	2	1	28
CR-411765	27		0.9	56	9	3	14	8
CR-411766	12		0.1	40	42	1	1	47
CR-411767	9		0.1	21	29	3	1	35

One assay ton portion used.

Certified by G. Leboy

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

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

4W-0345-RG1

Company: **WESTMINER CANADA LTD**
Project: #4045
Attn: R. Brommecker

Date: MAR-03-94

We hereby certify the following Geochemical Analysis of 35 Core samples submitted MAR-01-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411551	Nil		0.1	<5	65	6	86	73
CR-411552	12	10	0.1	<5	10	1	16	9
CR-411553	Nil		0.1	<5	7	3	9	6
CR-411554	Nil		0.1	<5	12	3	1	8
CR-411555	3		0.1	<5	6	1	1	8
CR-411556	3		0.1	<5	5	4	1	7
CR-411557	Nil		0.1	<5	10	5	1	8
CR-411558	5		0.1	<5	10	2	1	7
CR-411559	3		0.1	<5	9	5	1	8
CR-411560	5		0.1	<5	15	6	1	5
CR-411561	17		0.1	<5	9	16	2	8
CR-411562	15		0.1	<5	7	22	2	6
CR-411563	7		0.1	<5	11	25	1	5
CR-411564	15		0.1	<5	8	21	3	9
CR-411565	1776	1776	0.3	433	10	17	52	8
CR-411566	Nil		0.1	<5	4	8	1	5
CR-411567	14	9	0.2	<5	17	15	3	7
CR-411568	17		0.3	<5	7	27	1	7
CR-411569	67	62	0.3	<5	22	108	3	29
CR-411570	3		0.2	<5	28	5	1	83
CR-411571	10		0.4	<5	16	7	1	38
CR-411572	Nil		0.1	<5	11	5	1	68
CR-411573	2		0.1	<5	11	3	1	46
CR-411574	10		0.2	<5	34	11	2	56
CR-411575	2		0.1	<5	71	2	1	72
CR-411576	22		0.1	21	82	2	1	65
CR-411577	7		0.1	14	106	1	1	64
CR-411578	33	38	0.2	9	73	2	2	63
CR-411579	Nil		0.1	<5	102	3	1	78
CR-411580	33	24	0.7	68	9	4	14	9

Gold was assayed using one assay ton portion.

Certified by G. Thomas

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

Established 1928

Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0345-RG1

Company: **WESTMINER CANADA LTD**
Project: #4045
Attn: R. Brommecker

Date: MAR-03-94

We hereby certify the following Geochemical Analysis of 35 Core samples submitted MAR-01-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411581	29	34	0.2	10	135	4	1	95
CR-411582	Nil		0.1	<5	50	2	1	65
CR-411583	27	26	0.3	21	193	4	2	126
CR-411584	36		0.3	46	250	3	5	71
CR-411585	Nil		0.1	<5	60	2	2	92

Gold was assayed using one assay ton portion.

Certified by G. Leboff

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Geochemical Analysis Certificate

4W-0480-RG1

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-23-94

We hereby certify the following Geochemical Analysis of 99 Core samples submitted MAR-17-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411586	7		0.1	<5	194	3	11	178
CR-411587	21		0.3	22	202	2	7	132
CR-411588	2		0.1	<5	63	2	3	144
CR-411589	31	27	0.1	<5	156	2	1	89
CR-411590	5		0.1	<5	169	1	1	136
CR-411591	5		0.1	<5	89	1	1	69
CR-411592	51		0.1	<5	82	2	2	33
CR-411593	122	96	0.1	<5	2420	4	1	60
CR-411594	3		0.1	<5	46	1	1	110
CR-411595	1735		0.4	425	11	17	52	8
CR-411596	34		0.2	<5	183	2	1	107
CR-411597	12		0.2	<5	31	1	5	22
CR-411598	21		0.1	<5	91	2	4	61
CR-411599	53	69	0.1	<5	42	5	1	145
CR-411600	5		0.1	<5	11	1	2	33
CR-411601	1680		0.4	435	10	18	53	8
CR-411602	15		0.1	<5	16	7	1	61
CR-411603	2		0.1	<5	10	1	1	18
CR-411604	9		0.1	<5	7	5	2	70
CR-411605	5		0.1	<5	12	1	1	28
CR-411606	3		0.1	<5	5	1	1	81
CR-411607	5		0.1	<5	7	1	1	83
CR-411608	10		0.1	<5	24	4	2	27
CR-411609	21		0.1	<5	83	4	1	103
CR-411610	14	5	0.1	<5	32	2	1	50
CR-411611	12		0.1	<5	82	1	1	132
CR-411612	29		0.1	<5	148	2	1	98
CR-411613	21		0.2	13	99	2	1	73
CR-411614	10		0.1	<5	71	2	1	88
CR-411615	27		0.8	58	9	3	14	9

One assay ton portion used.

Certified by G. Leboss

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Geochemical Analysis Certificate

4W-0480-RG1

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-23-94

We hereby certify the following Geochemical Analysis of 99 Core samples submitted MAR-17-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411616	33		0.1	<5	90	3	1	89
CR-411617	3		0.1	<5	98	2	5	82
CR-411618	65	58	2.3	20	97	6	1	55
CR-411619	12		0.1	27	72	1	1	74
CR-411620	21		0.1	15	60	2	2	119
CR-411621	17		0.1	16	100	1	1	136
CR-411622	3		0.1	18	94	1	1	104
CR-411623	2		0.1	<5	75	27	29	132
CR-411624	34		7.3	<5	158	3	3	89
CR-411625	7		0.1	<5	83	1	3	100
CR-411626	9		0.1	<5	19	1	1	95
CR-411627	9		0.1	<5	23	1	1	83
CR-411628	17		0.1	<5	109	2	1	75
CR-411629	10		0.1	<5	172	3	2	120
CR-411630	1745		0.3	422	10	18	52	7
CR-411631	7		0.1	<5	108	1	1	113
CR-411632	24	27	0.2	<5	95	4	1	94
CR-411633	12		0.1	<5	132	1	1	119
CR-411634	14		0.1	<5	11	1	1	150
CR-411635	10		0.1	<5	70	5	1	59
CR-411636	7		0.1	80	76	1	1	66
CR-411637	14		0.1	88	70	1	1	78
CR-411638	3		0.1	63	84	1	1	70
CR-411639	2		0.1	23	91	1	1	89
CR-411640	2		0.1	62	58	2	1	80
CR-411641	7		0.1	260	74	1	8	112
CR-411642	10		0.2	132	164	1	1	164
CR-411643	33		0.2	143	143	1	1	172
CR-411644	243	254	0.9	180	452	1	15	202
CR-411645	29		0.8	63	9	3	14	10

One assay ton portion used.

Certified by _____

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Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0480-RG1

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-23-94

We hereby certify the following Geochemical Analysis of 99 Core samples submitted MAR-17-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411646	58	62	1.2	321	793	5	7	157
CR-411647	14		0.1	<5	238	1	1	175
CR-411648	3		0.1	<5	37	1	1	128
CR-411649	21		0.2	<5	1130	1	1	82
CR-411650	21		0.7	<5	100	7	1	87
CR-411651	9		0.1	<5	26	2	1	44
CR-411652	10		0.1	<5	19	1	1	25
CR-411653	27		0.1	<5	25	1	1	29
CR-411654	7		0.1	<5	29	2	1	47
CR-411655	9		0.1	10	5	1	1	37
CR-411656	5		0.1	<5	5	2	1	49
CR-411657	2		0.1	<5	558	2	1	45
CR-411658	9		0.1	<5	115	1	1	54
CR-411659	14		0.1	<5	23	1	2	50
CR-411660	10		0.1	<5	54	1	1	41
CR-411661	10		0.1	<5	54	1	2	39
CR-411662	7		0.1	<5	86	1	2	35
CR-411663	17	10	0.1	<5	73	1	3	42
CR-411664	14		0.1	<5	37	1	1	53
CR-411665	1690		0.4	440	9	19	52	8
CR-411666	14		0.1	<5	51	1	3	58
CR-411667	10		0.1	<5	41	1	1	33
CR-411668	10		0.1	<5	5	1	1	51
CR-411669	2		0.1	<5	65	1	1	66
CR-411670	Nil		0.1	<5	45	1	3	32
CR-411671	Nil		0.1	<5	52	2	4	50
CR-411672	2		0.1	<5	53	1	3	68
CR-411673	3		0.1	<5	30	1	17	74
CR-411674	5		0.1	<5	17	1	4	65
CR-411675	3		0.1	<5	14	1	1	71

One assay ton portion used.

Certified by _____

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Assaying - Consulting - Representation

4W-0480-RG1

Geochemical Analysis Certificate

Company: **WESTMINER CANADA LTD**
Project: 4045
Attn: R. Brommecker

Date: MAR-23-94

We hereby certify the following Geochemical Analysis of 99 Core samples submitted MAR-17-94 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	As PPM	Cu PPM	Mo PPM	Pb PPM	Zn PPM
CR-411676	3		0.1	<5	13	1	2	62
CR-411677	3		0.1	<5	5	1	1	52
CR-411678	5		0.1	<5	56	1	1	37
CR-411679	9	7	0.1	<5	71	1	6	34
CR-411680	1663		0.3	423	10	18	51	9
CR-411681	3		0.1	<5	47	1	1	34
CR-411682	7		0.1	<5	36	2	3	32
CR-411683	5		0.1	<5	24	2	2	46
CR-411684	2		0.1	<5	44	1	1	58

One assay ton portion used.

Certified by _____

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

Ministry of Northern Development and Mines
Ontario

Report of Work Conducted After Recording Claim

Mining Act

Transaction Number: DOCUMENT No. 9480 • 00345

W

Personal information collected on this form is obtained under the authority of the M
this collection should be directed to the Provincial Manager, Mining Lands, Mir
Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.

42A01SE0004 W9480.00345 EBY

900

Instructions:
- Please type or print and submit in duplicate.
- Refer to the Mining Act and Regulations for re
  Recorder.
- A separate copy of this form must be completed for each Work Group.
- Technical reports and maps must accompany this form in duplicate.
- A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s)		Client No.
WESTMINER CANADA LIMITED		293367
Address		**Telephone No.**
22 Gurdwara Road, Nepean, Ontario, K2E 8A2		(613) 727-3937
Mining Division	**Township/Area**	**M or G Plan No.**
Larder Lake	Eby	
Dates Work Performed	From: February 14, 1994	To: March 5, 1994

Work Performed (Check One Work Group Only)

	Work Group	Type
	Geotechnical Survey	
X	Physical Work, Including Drilling	Diamond Drilling
	Rehabilitation	
	Other Authorized Work	
	Assays	
	Assignment from Reserve	

Ontario Geological Survey
MINES LIBRARY
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Total Assessment Work Claimed on the Attached Statement of Costs $ 59,86~~5~~.~~71~~

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Rex Brommecker WESTMINER CANADA LIMITED	22 Gurdwara Road, Nepean, Ontario, K2E 8A2
Grenville Whyte Heath and Sherwood Drilling	P.O. Box 998, 34 Duncan Avenue North Kirkland Lake, Ontario, P2N 3L3

(attach a schedule if necessary)

Certification of Beneficial Interest * **See Note No. 1 on reverse side**

	Date	Recorded Holder or Agent (Signature)
I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	May 30, 1994	Rex Brommecker

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.

Name and Address of Person Certifying		
Rex Brommecker	22 Gurdwara Road, Nepean, Ontario, K2E 8A2	
Telepone No.	**Date**	**Certified By (Signature)**
(613) 727-3937	May 30, 1994	Rex Brommecker

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp
applied $5600.	JUNE 1 /94		RECEIVED LARDER LAKE MINING DIVISION JUN 1 1994
Reserve #54286.	Deemed Approval Date AUG. 30/94	Date Approved July 7/94	
	Date Notice for Amendments Sent		

0241 (03/91)

0241 (03/91)

Report Number for Applying Reserve	Claim Number (see Note 2)	Number of Claim Units	Value of Assessment Work Done on this Claim	Value Applied to this Claim	Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
	1186326	2		800.00		
	1186327	2	36,45~~8.91~~ 9	800.00	1,200.00	34,45~~8.91~~ 9
	1186328	1		400.00		
	1186329	9	23,42~~6.80~~ 7	3,600.00	Ø	19,82~~6.80~~ 7
Total Number of Claims	4					
		Total Value Work Done	59,88~~3.71~~ 6			
		Total Value Work Applied		5,600.00		
		Total Assigned From			1,200.00	
		Total Reserve				54,28~~3.71~~ 6

Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to priorize the deletion of credits. Please mark (✓) one of the following:

1. ☒ Credits are to be cut back starting with the claim listed last, working backwards.
2. ☐ Credits are to be cut back equally over all claims contained in this report of work.
3. ☐ Credits are to be cut back as priorized on the attached appendix.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

I certify that the recorded holder had a beneficial interest in the patented or leased land at the time the work was performed.	Signature	Date May 30,1994

Development
Mines

Ministère du
Développement du Nord
et des mines

Statement of Costs for Assessment Credit

État des coûts aux fins du crédit d'évaluation

Mining Act/Loi sur les mines

Transaction No./N° de transaction
W 00345

Personal information collected on this form is obtained under the authority of the **Mining Act**. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la **Loi sur les mines** et serviront à tenir à jour un registre des concessions minières. Adresser toute quesiton sur la collece de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	615.00	
	Field Supervision Supervision sur le terrain	8387.50	9002.50
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Diamond Drilling	41906.77	
			41906.77
Supplies Used Fournitures utilisées	Type Assays	4411.61	
			4411.61
Equipment Rental Location de matériel	Type Core Facility	2600.00	
			2600.00
	Total Direct Costs Total des coûts directs		51920.88

2. Indirect Costs/Coûts indirects

** **Note:** When claiming Rehabilitation work Indirect costs are not allowable as assessment work.
Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Truck	708.52	
			708.52
Food and Lodging Nourriture et hébergement		1256.31	1256.31
Mobilization and Demobilization Mobilisation et démobilisation			
	Sub Total of Indirect Costs Total partiel des coûts indirects		1964.83
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			1964.83
Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs)	**Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles**		53885.71

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note : Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.

2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
× 0.50 =	

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.

2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
× 0,50 =	

Certification Verifying Statement of Costs

I hereby certify:
that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Project Geologist (Recorded Holder, Agent, Position in Company) I am authorized

to make this certification

Attestation de l'état des coûts

J'atteste par la présente :
que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

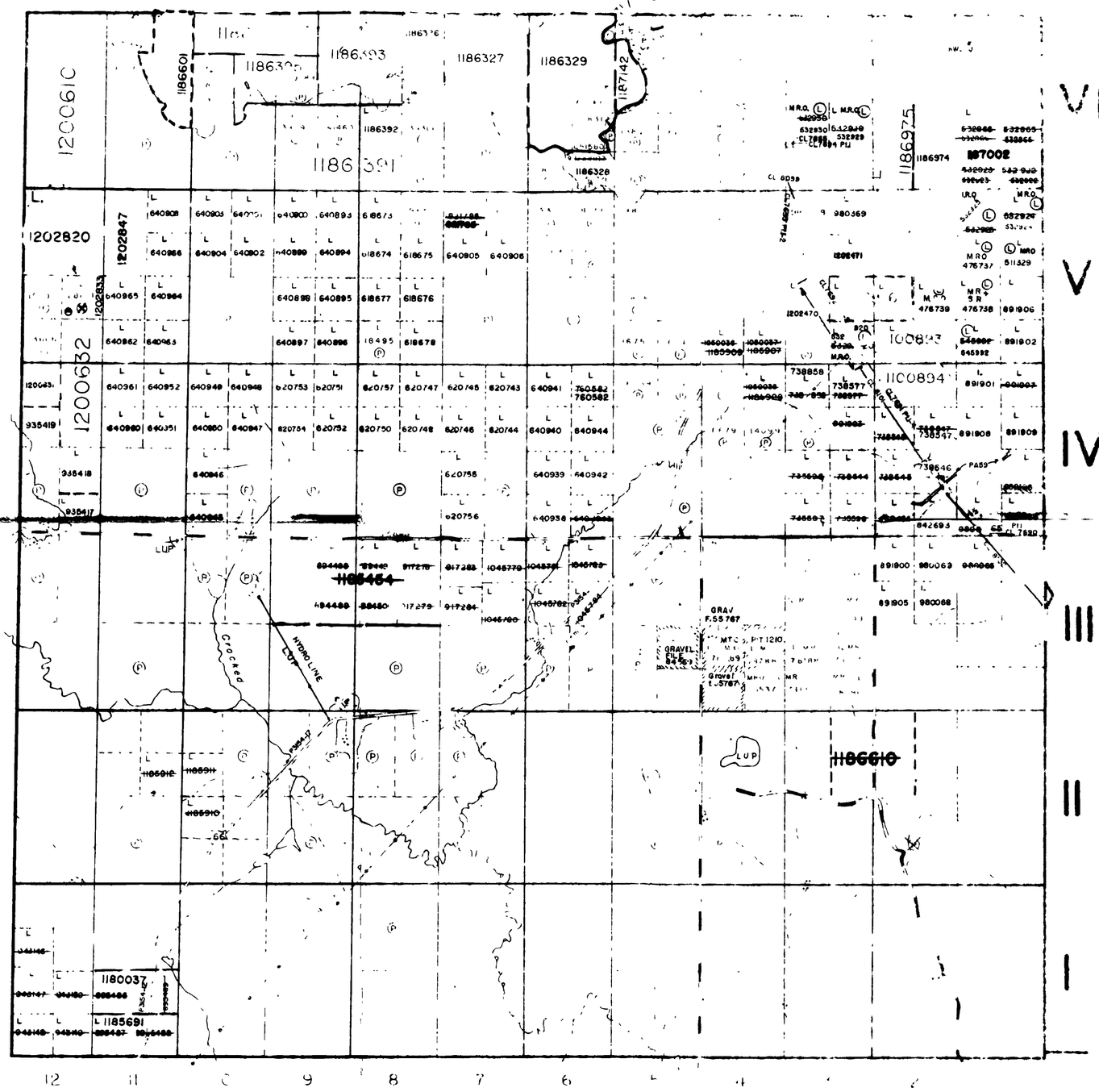
Et qu'à titre de _____ (titulaire enregistré, représentant, poste occupé dans la compagnie) je suis autorisé

à faire cette attestation.

Signature	Date
Rick Bannerman	May 30/94

212 (04/91)

Nota : Dans cette formule, lorsqu'il désigne des personnes, le masculin est utilisé au sens neutre.



COPY OF THIS MYLAR ARCHIVED APR.27/92

LEGEND

PATENTED LAND	(P)
CROWN LAND SALE	CS
LEASES	(T)
LOCATED LAND	LOC
LICENSE OF OCCUPATION	LO
MINING RIGHTS ONLY	MRO
SURFACE RIGHTS ONLY	(S) OR S RO
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
ANOMALY	

NOTES

1 ... ns for privat ... Work

AREAS WITHDRAWN FROM STAKING

Surface Rights Withdrawn under Sec 35
The Mining Act R.S.O. 980, ORDER NO. W-01791/ONT
Trans Canada Pipeline right of; Way and Buffer
Zone particularly 40.25 meters or 132 ft on
either side of centre line o. right of way

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON

DATE OF ISSUE

JUL 13 1994

LARDER LAKE
MINING RECORDER'S OFFICE

PLAN NO. M-345

MINISTRY OF NORTHERN DEVELOPMENT AND MINES

Rec'd Jan 25/89

42A01BE0004 W6480 00345 EBY
200
TRIM LINE

GRENFELL TWP

EBY TWP

Kenogami Lake

KENOGAMI LAKE

BlancheRiver

303.9

303

HWY 568

8145

P

BL 75+00

BL 75+00

KEN-94-03

KEN-94-02

KEN-94-01

11866326

86327

86329

11866142

86328

75+00
76+00
77+00
78+00
79+00
80+00
81+00
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68+00
67+00
66+00
65+00
64+00
63+00
62+00

11 10 9 8 7 6 5

CON 8

LOT 7 BD

LOT 6
CON 5

N

0 500 1000 m

FROM BASE MAP 20 17 5500 53200

WESTMINER CANADA LTD
Div. EXPLORATION

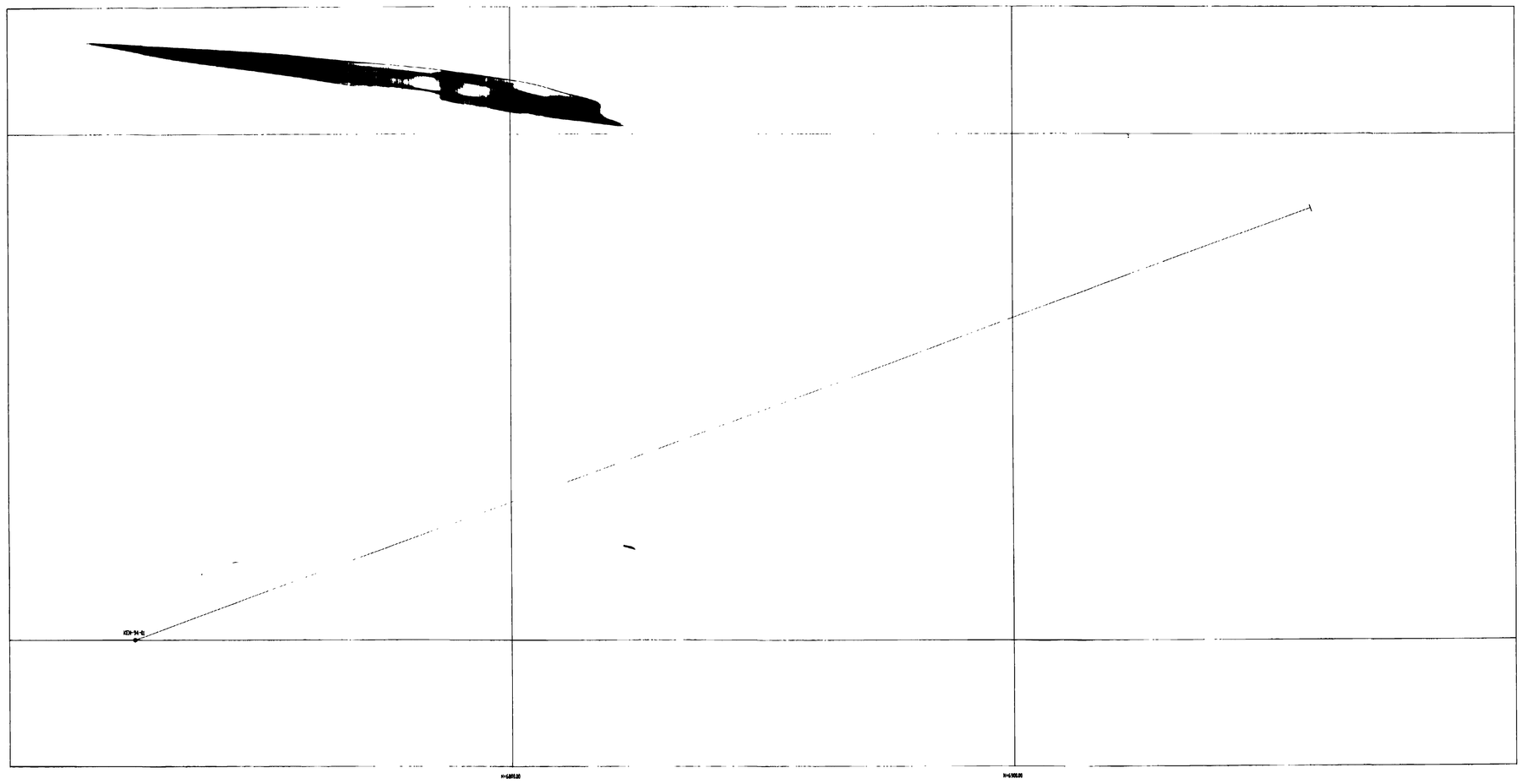
KENOGAMI LAKE EAST

DRILL HOLE LOCATION
FIGURE 4

DRAWN by: REX	DATE: MAY 1994	PLAN NO.
WORK by: REX	SCALE: 1:5000	4045-07-03
	N.T.S.: 42 A / 1	

42A01SE0004 9948C 00345 EBY

210



Rock Type Legend

O/B – Overburden
M – Mafic
Mv – Mafic Volcanic
Mg – Gabbro
Mgq – Quartz gabbro
ST – Syenitoid
Upx – Pyroxenitic Komatiite
S – Sediment
Sag – Argillite
Ssl – Siltstone
Sw – Greywacke
Sc – Conglomerate

Alteration Code

ab – albite
ak – ankerite
c – chlorite
ep – epidote
fu – fuchsite
h – hematite
l – calcite
lx – leucoxene
s – sericite
sil – silicified
q – quartz
vn – vein
sp – sphalerite
py – pyrite

Structural Codes

bx – breccia
wsh – weakly sheared
msh – moderately sheared
ssh – strongly sheared
v – vein

Geological Contact

Shear Zone

ICE SURFACE

WATER

OVERBURDEN

ST

Mg

Mgq

mt

M

M+Upx

Mg-mt

WEAK (AK-S)

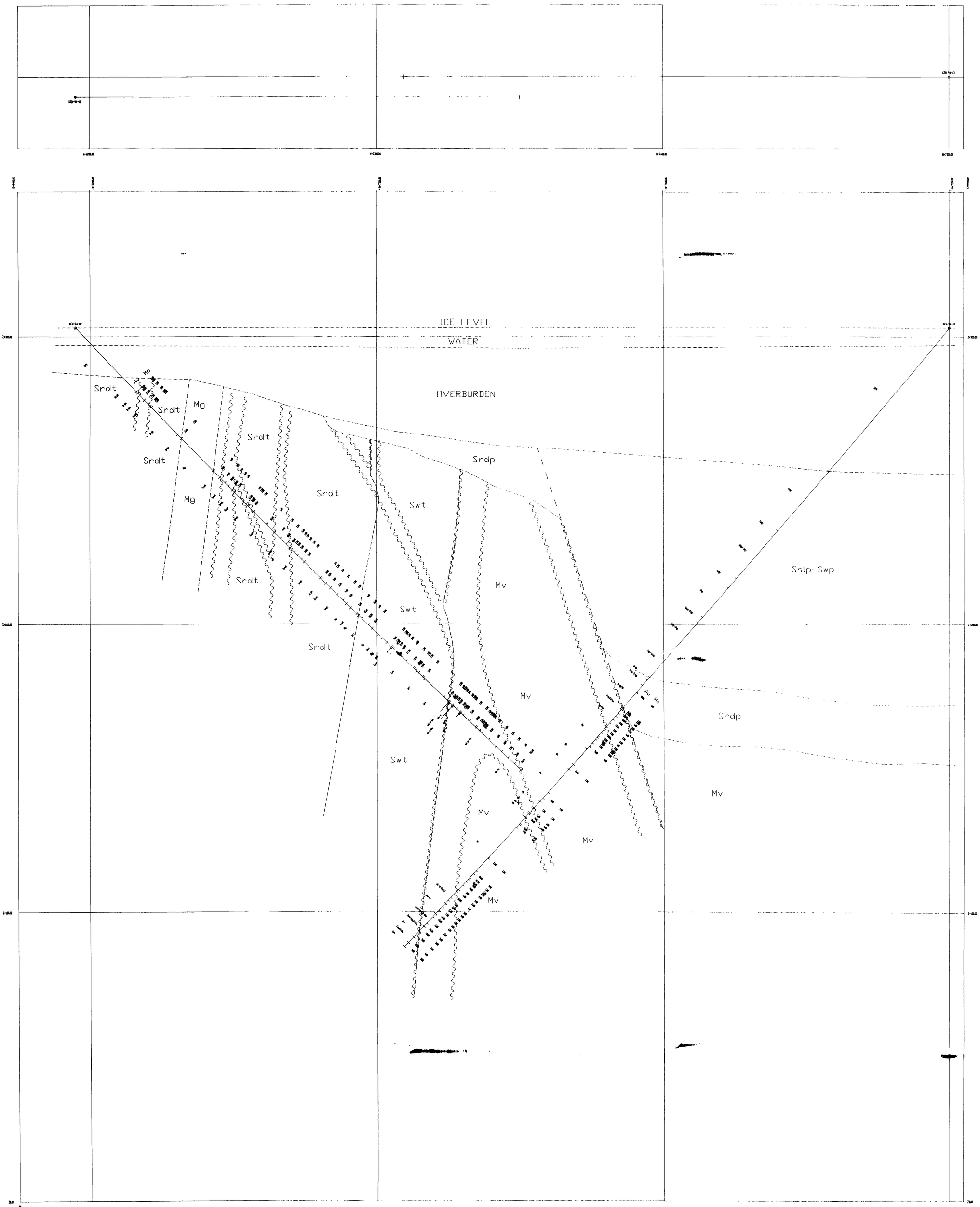
0 25 m

WESTMINER CANADA LTD
Western Abitibi Gold Project

Hole KEN-94-01
Section 8800E (Looking West)
Geology and Gold/Moly Assays
Au (ppb) Mo (ppm)
Only assays >20ppb Au shown

Compiled By: R.B.	Drafted By: A.D. and R.B.
Date: April 1994	Map No: 4045-07-01
Scale: 1:500	

4240158 0004 W0480 00345 FAY



Rock Type Legend

O/B – Overburden	Srdp – Rudite (Proterozoic, Gowganda)
M – Matic	Swp – Greywacke (Proterozoic, Gowganda)
Mv – Matic Volcanic	Sslp – Siltstone (Proterozoic, Gowganda)
Mg – Gabbro	
Sag – Argillite	Srdt – Rudite (Timiskaming)
Ssl – Siltstone	Swt – Greywacke (Timiskaming)
Sw – Greywacke	Sant – Arenite (Timiskaming)
Sc – Conglomerate	

Alteration Code

ab – albite	lx – leucoxene
ak – ankerite	s – sericite
c – chlorite	sil – silicified
ep – epidote	q – quartz
fu – fuchsite	vn – vein
h – hematite	py – pyrite
l – calcite	

Structural Codes

bx – breccia
wsh – weakly sheared
msh – moderately sheared
ssh – strongly sheared
v – vein

Geological Contact

Proterozoic Fault

Shear Zone with ak-s-(fu) alteration

0 25 m

WESTMINER CANADA LTD
Western Abitibi Gold Project

Hole KEN-94-02 and KEN-94-03
Section 8400 E (Looking W)
Geology and Gold/Moly Assays
Au (ppb) Mo (ppm)

Compiled By: R.B.	Drafted By: A.D. + R.B.
Date: April 1994	Map No: 4045-07-02
Scale: 1:500	

42A01SF0004 W9480 00345 LBY