SUMMARY REPORT

ON

DIAMOND DRILLING PROGRAM 2004

EBY-OTTO PROPERTY

EBY TOWNSHIP, ONTARIO

LARDER LAKE MINING DIVISION

FOR

GLR RESOURCES INC.

2.30646

NTS: 42 A 1
LATITUDE: 48 04
LONGITUDE: 80 09

DATED AT KIRKLAND LAKE, ONTARIO ON APRIL 16, 2004

FRED J. SHARPLEY, P.GEO. (ON)

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EBY - OTTO PROPERTY

INTRODUCTION

The Eby-Otto Property consists of one (1) non-patented mining claim 1167172 (2 units) located in Eby Township in the Larder Lake Mining Division, Ontario (Figure 1). The property is located 13 km southwest of the town of Kirkland Lake, Ontario. Access to the property is on Hwy No. 11; four km south of the intersection of Hwys 11 and 66. (Figure 2).

The presently producing Kirkland Lake Gold property is located 9 km to the northeast.

One diamond drill hole was drilled on the property from February 15-24, 2004. This report will present the results.

The Eby-Otto Property is a joint venture between GLR Resources Inc. and RJK Explorations Ltd.

EXPLORATION HISTORY

The exploration history on the property consists of airborne magnetic and EM surveys and geological surveys (Map P.3534 and Map 2239) by the Ontario Geological Survey; ground VLF-EM, tree geochemical and enzyme leach soil geochemical surveys were carried out by GLR Resources Inc. in 2004.

A trench or shaft occurs in the southwest corner of the property; quartz and sulphides have been recorded on OGS maps.

GEOLOGY AND MINERALIZATION

The Eby-Otto Property is underlain by Archean metasediments, felsic metavolcanics, felsic tuff, graphitic argillite, mafic metavolcanics and a portion of the northern contact of the Otto Stock (alkalic felsic to intermediate intrusives). (Figure 3, 4). The rocks strike 060 degrees and dip steeply north. Syenite porphyry dikes and lamprophyre dikes occur on the southern part of the property.

A trench or shaft occurs in the southwest corner of the property, quartz and sulphides have been recorded on OGS Map 2239.

Tree and enzyme leach anomalies for gold, zinc, copper and lead occur on the claim.

DIAMOND DRILLING PROGRAM – 2004

Hole No. Eby-04-01 was drilled to investigate an airborne electromagnetic anomaly with associated soil and tree geochemical anomalies in Eby Township of Ontario near the Otto Township boundary (Figures 5, 6, 7). The diamond drill hole to a depth of 272 metres intersected silicified felsic tuffaceous fragmental volcanics north of the Otto Stock with strong disseminated stringers of pyrite, pyrrhotite and locally weak disseminations of sphalerite over a core length of 225.94 metres. The upper and lower formations are graphitic. The upper section from 54.0 m to 60.0 m assayed 0.36 % Zn and 0.06 % Cu over a core length of 6.0 metres at a vertical depth of 40 m below surface. The lower section from 177.27 m to 186.00 m assayed 0.05 % Zn and 0.01 % Cu over a core length of 8.73 m at a vertical depth of 135 m below surface (Figure 5, 6, 7).

The core from the diamond drill hole was sawn in half; half of the core was sent for assay at Swastika Laboratories Limited at Swastika, Ontario; the other half is stored at the Napa garage in Kirkland Lake for reference. All the samples were assayed for gold using the fire assay method with atomic absorption finish using one assay ton sample. A portion of the samples were assayed for copper, zinc and silver using standard methods.

TABLE NO. 1 CURRENT DDH – EBY OTTO PROPERTY – DDH INTERSECTIONS

DDH NO.	SECTION	FROM (m)	TO (m)	CORE LENGTH (m)	ASSAY Cu: ppm	Zn: ppm	Ag: ppm	Au: ppb
EBY-04-01	0+00	52.50	54.00	1.50	97	937	0.4	24
		54.00	55.50	1.50	192	1920	0.2	Nil
		55.50	57.00	1.50	910	2710	0.7	Nil
		57.00	58.50	1.50	908	6240	0.7	Nil
		58.50	60.00	1.50	351	3470	0.4	Nil
		178.00	179.00	1.00	142	918	0.1	Nil
		179.00	180.00	1.00	217	580	0.2	Nil
		180.00	181.00	1.00	174	1430	0.1	Nil

TABLE NO. 2 EBY-OTTO DRILL PROGRAM – DDH LOCATION

HOLE NO.	SECTION	NORTHING	AZMUTH	DIP	DEPTH (m)
EBY-04-01	0+00	0+25S	150	-45	272.0
TOTAL:					272.0

The diamond drill program was carried out during February 15-24, 2004.

Four samples from the diamond drill core were analyzed by Activation Laboratories at Ancaster, Ontario for whole rock and rare earth elements. The samples were strongly altered with high iron, carbonate and loss on ignition. The aluminum/titanium ratio is in the 30-67 range indicating the original rock was rhyolite. A chrondite plot of the rare earth elements indicates a positive Eu anomaly (See profile in Appendix III). This indicates that the felsic volcanic horizon is highly altered and has potential for economic deposits of base metals. The silica for this rock-type is in the dacite range and there is no indication of sodium depletion.

CONCLUSIONS AND RECOMMENDATIONS

Hole No. Eby-04-01 on Section 0+00 encountered graphite which is probably the cause of the airborne EM anomaly.

The soil and tree geochemical anomalies for gold were partially tested with DDH No. Eby-04-01 but anomalies on the west claim line at 400 and 650 N are untested. The geochemical anomaly on 400N corresponds with a syenite porphyry encountered in the drill hole; and the anomaly at 650N corresponds with felsic tuff-breccias and a pyroclastic unit on OGS Map P.3534 (Figure 4).

The recommendations for this property are as follows:

(1.) Consult Dr. Jim Franklin on lithogeochemistry of DDH No. Eby-04-01.
(2.) Induced polarization survey along the favorable felsic volcanic horizons (Figure 4, 7).
(3.) Additional tree and enzyme leach soil geochemistry.
(4.) Drill a diamond drill hole on Section 2E at 2N to test geochemical anomalies at 4N and 6+50N along the west claim boundary that correspond to a felsic volcanic horizon and a feldspar porphyry respectively if warranted (Figure 7).

Dated this 16th Day of April, 2004 at Kirkland Lake, Ontario.

F Sharpley

Fred J. Sharpley
P.Geo. (ON) No. 0249



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CERTIFICATE of QUALIFICATIONS

I, Frederick J. Sharpley, P.Geo. (ON) do hereby certify that:

1. I am currently employed as a Consulting Geologist.

   3 Gov't Rd. East, Unit 10
   Kirkland Lake, ON
   P2N 3J1

2. I graduated with a degree in Bachelor of Arts and Science, B.A. (Sc) from the University of Saskatchewan in 1959.

3. I am a member of the Association of Professional Geoscientist of Ontario (APGO), Member No. 0249.

4. I have worked as a geologist for a total of 45 years since graduation from university.

5. I am responsible for the preparation of the report titled "SUMMARY REPORT, EBY – OTTO PROPERTY, EBY TOWNSHIP, LARDER LAKE MINING DIVISION, ONTARIO FOR GLR RESOURCES INC." and dated April 16, 2004 the "Report" relating to the "Eby-Otto" property.

   Although the information supplied to me is believed to be accurate and all reasonable care has been taken in the compilation of this report, I hereby disclaim any and all liability arising out of its use and circulation. While I stand behind my interpretation, I cannot guarantee the accuracy of the source information and use of this report or any part thereof shall be at the user's sole risk.

6. I have not had prior involvement with the property that is the subject of the Report.

7. I am not aware of any material fact or material change with respect to the subject matter of the Report that is not reflected in the Report, the omission to disclose which makes the Report misleading.

8. I am independent of the issuer applying all tests in section 1.5 of National Instrument 43-101.

Dated this 16th Day of April, 2004 at Kirkland Lake, Ontario.

F Sharpley

Fred J. Sharpley
P.Geo. (ON) No. 0249



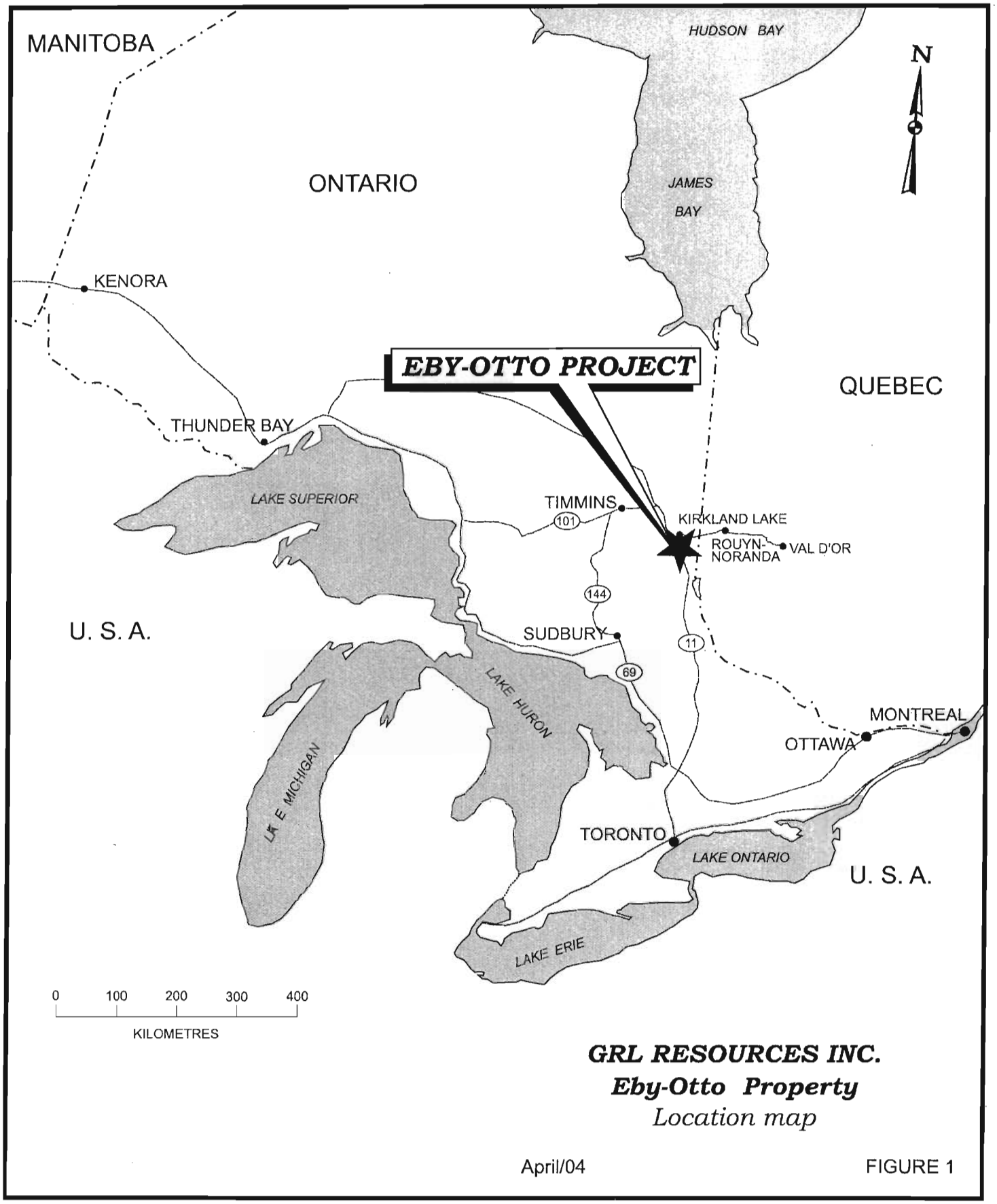
REFERENCES

Carmichael, S.
(2002) Compilation Report on the Eby – Otto – Marquis Township Area.

Nadeau, Serge (Ph.D.)
(2004) Report of Exploration Activities at Claim L-1167172, Eby Twp. Property

APPENDIX I:

Figures 1-7



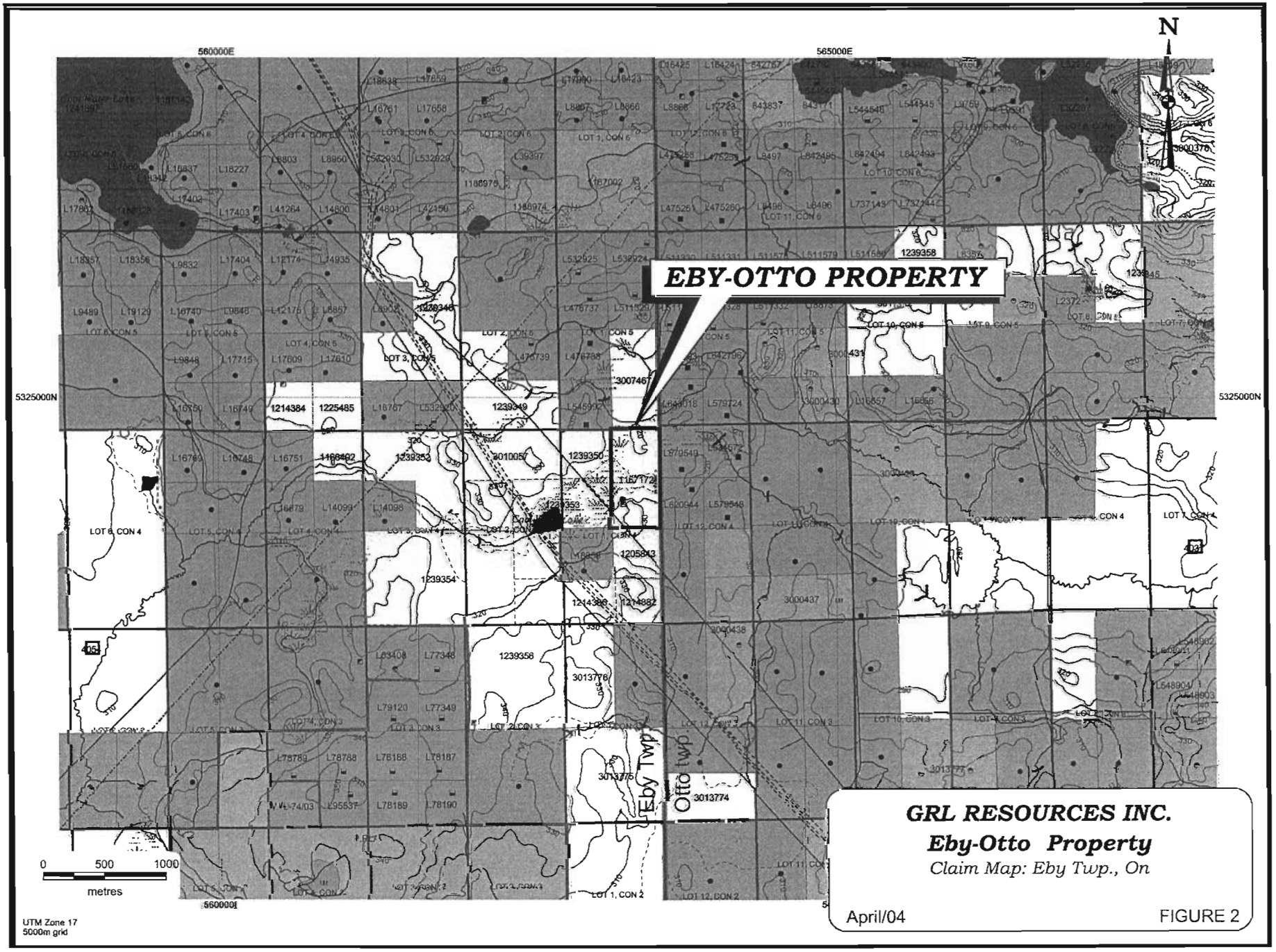
GRL RESOURCES INC.

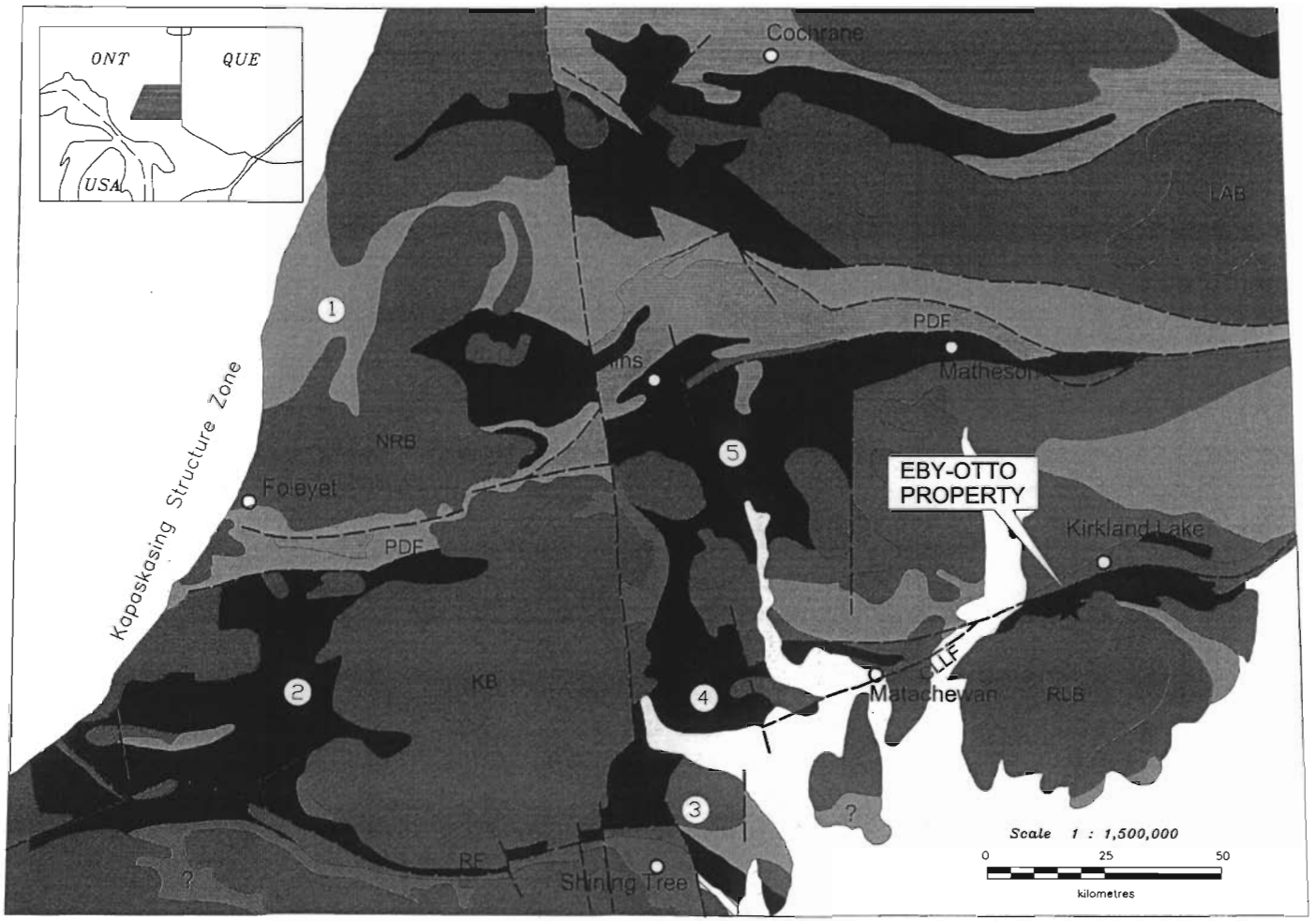
Eby-Otto Property

Location map

April/04

FIGURE 1


N
560000E
565000E
EBY-OTTO PROPERTY
5325000N
5325000N
Eby Twp.
Otto Twp.
0
500
1000
metres
UTM Zone 17
5000m grid
GRL RESOURCES INC.
Eby-Otto Property
Claim Map: Eby Twp., On
April/04
FIGURE 2



Modified after OGS (Ayer et al)

- Proterozoic cover
- Granitic plutons
- Timiskaming Assemblage (2687–2675 Ma)
- Porcupine Assemblage (2696–2692 Ma)
- Blake River Assemblage (2701–2697 Ma)
- Kinojevis Assemblage) (2702–2701 Ma)
- Tisdale Assemblage (2710–2703 Ma)
- Major fault
- Kidd–Munro Assemblage (2718–2710 Ma)
- Stoughton–Roquemaure Assemblage (2725–2720 Ma)
- Deloro Assemblage (2730–2725 Ma)
- Pacaud Assemblage (2750–2735 Ma)

PDF	Porcupine Destor fault
CLLF	Cadillac Larder Lake fault
RF	Ridout fault
NRB	Not River batholith
KB	Kenogamissi batholith
RLB	Round Lake batholith
LAB	Lake Abitibi batholith

(1)	Montcalm area
(2)	Swayze area
(3)	Shining Tree area
(4)	Halliday Dome
(5)	Shaw Dome

GLR RESOURCES INC.

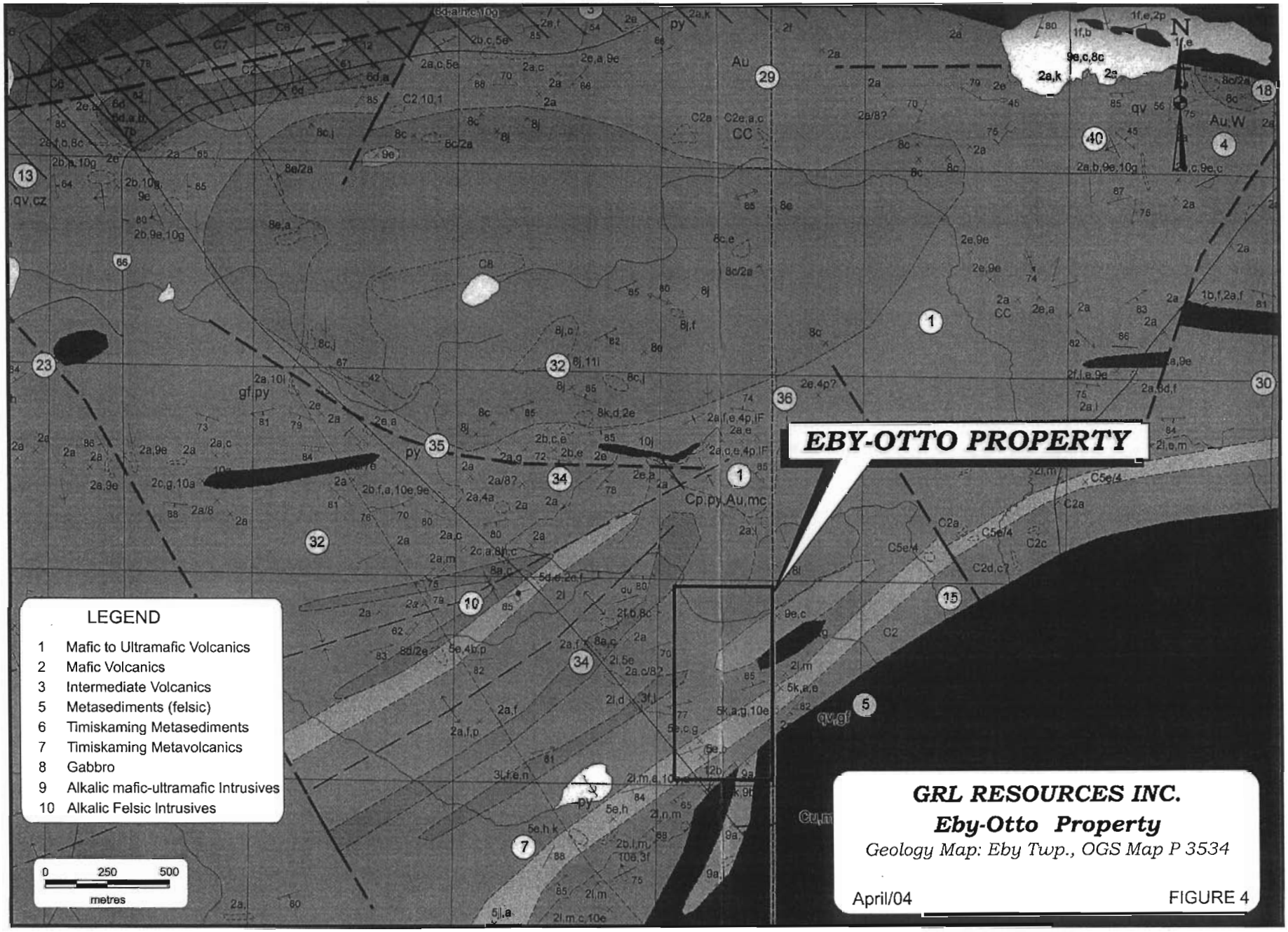
Geological location map, ON

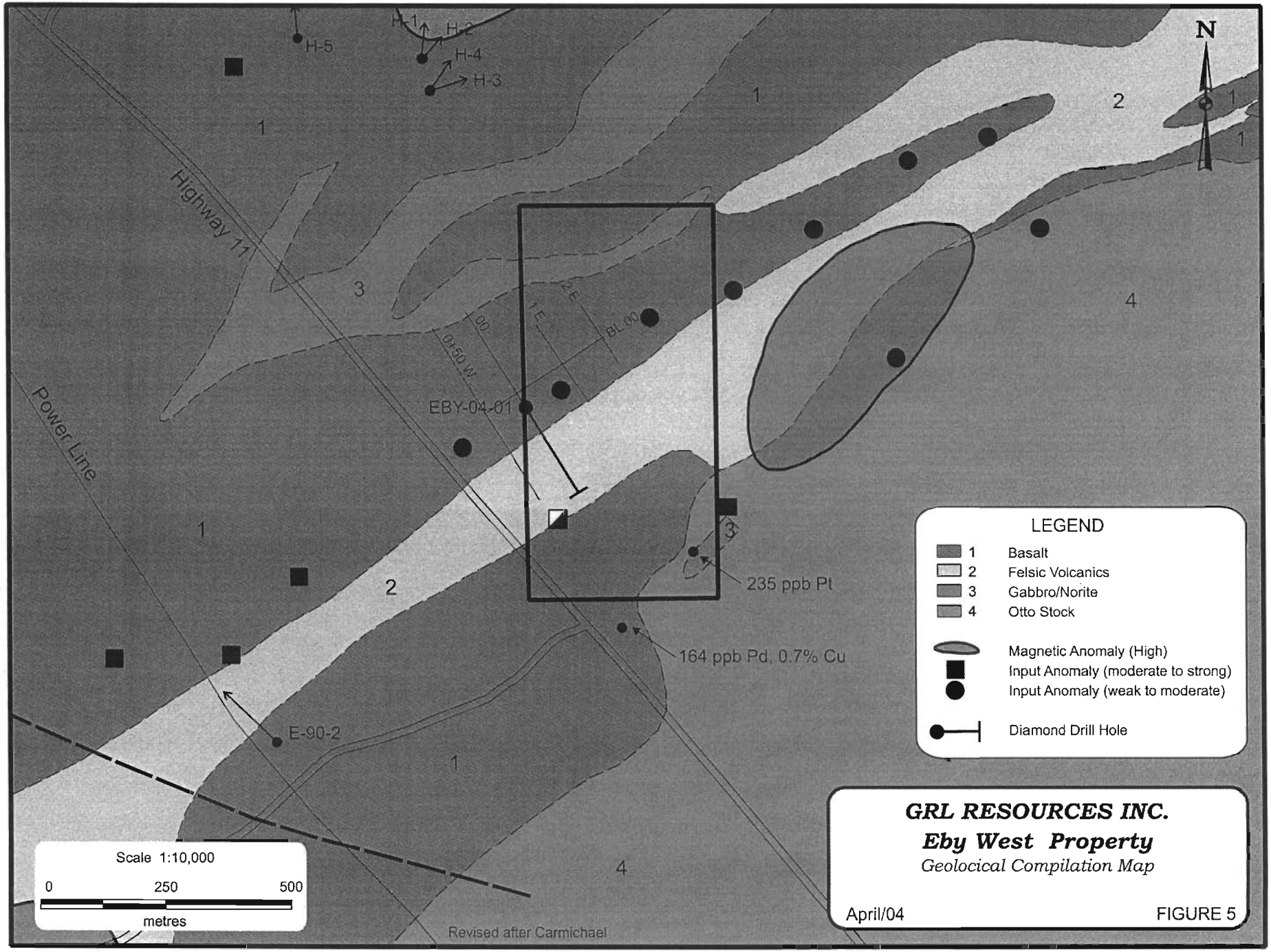
Eby-Otto Property, Ontario

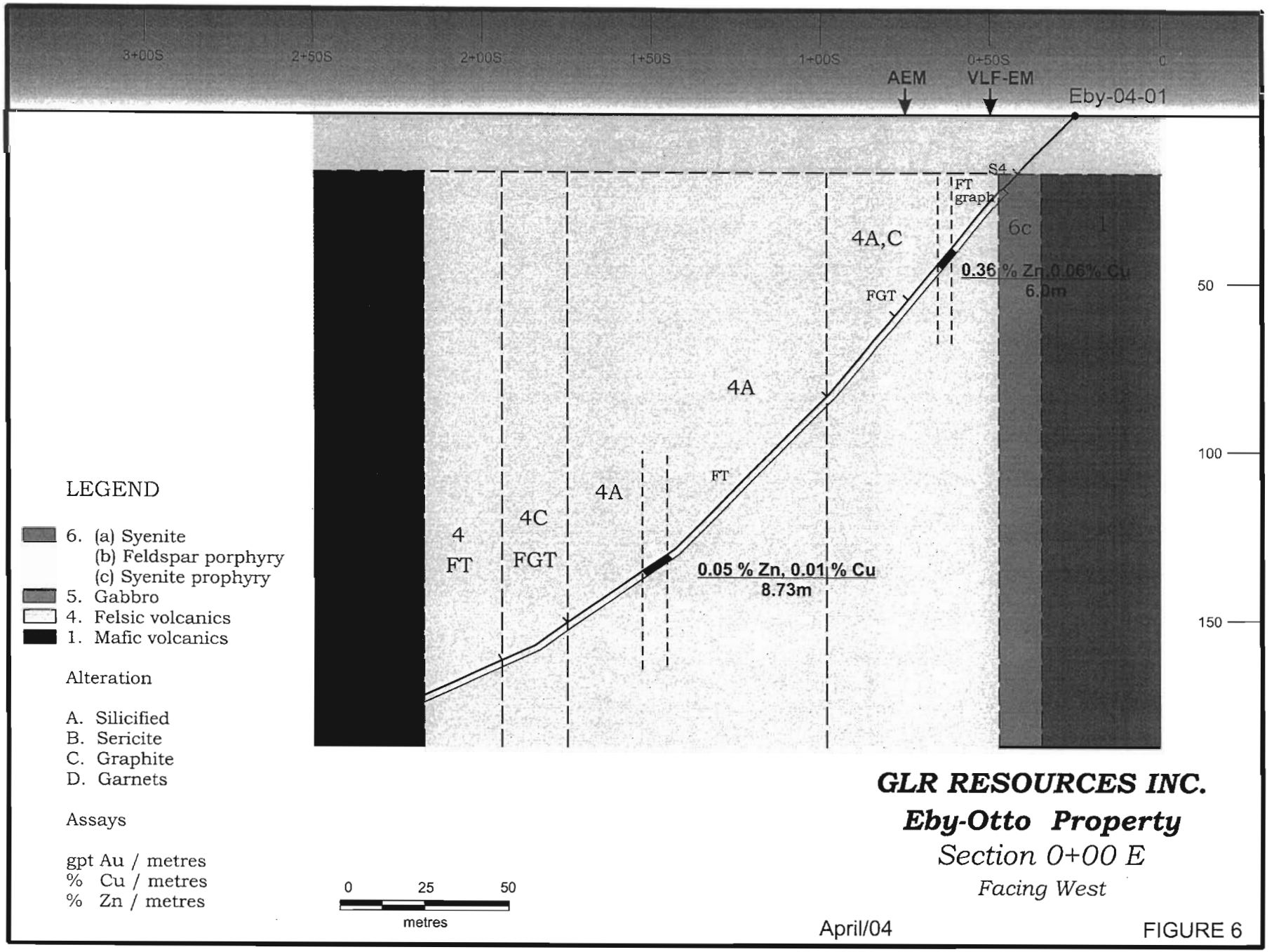
April/04

FIGURE 3

GLR0005.DWG


EBY-OTTO PROPERTY
LEGEND
1 Mafic to Ultramafic Volcanics
2 Mafic Volcanics
3 Intermediate Volcanics
5 Metasediments (felsic)
6 Timiskaming Metasediments
7 Timiskaming Metavolcanics
8 Gabbro
9 Alkalic mafic-ultramafic Intrusives
10 Alkalic Felsic Intrusives
0 250 500
metres
GRL RESOURCES INC.
Eby-Otto Property
Geology Map: Eby Twp., OGS Map P 3534
April/04
FIGURE 4


H-5
H-1
H-2
H-4
H-3
N
Highway 11
Power Line
EBY-04-01
2 E
1 E
BL 00
00
0+50 W
235 ppb Pt
164 ppb Pd, 0.7% Cu
E-90-2
1
2
3
4
LEGEND
1 Basalt
2 Felsic Volcanics
3 Gabbro/Norite
4 Otto Stock
Magnetic Anomaly (High)
Input Anomaly (moderate to strong)
Input Anomaly (weak to moderate)
Diamond Drill Hole
Scale 1:10,000
0 250 500
metres
Revised after Carmichael
GRL RESOURCES INC.
Eby West Property
Geolocical Compilation Map
April/04
FIGURE 5



GLR RESOURCES INC.

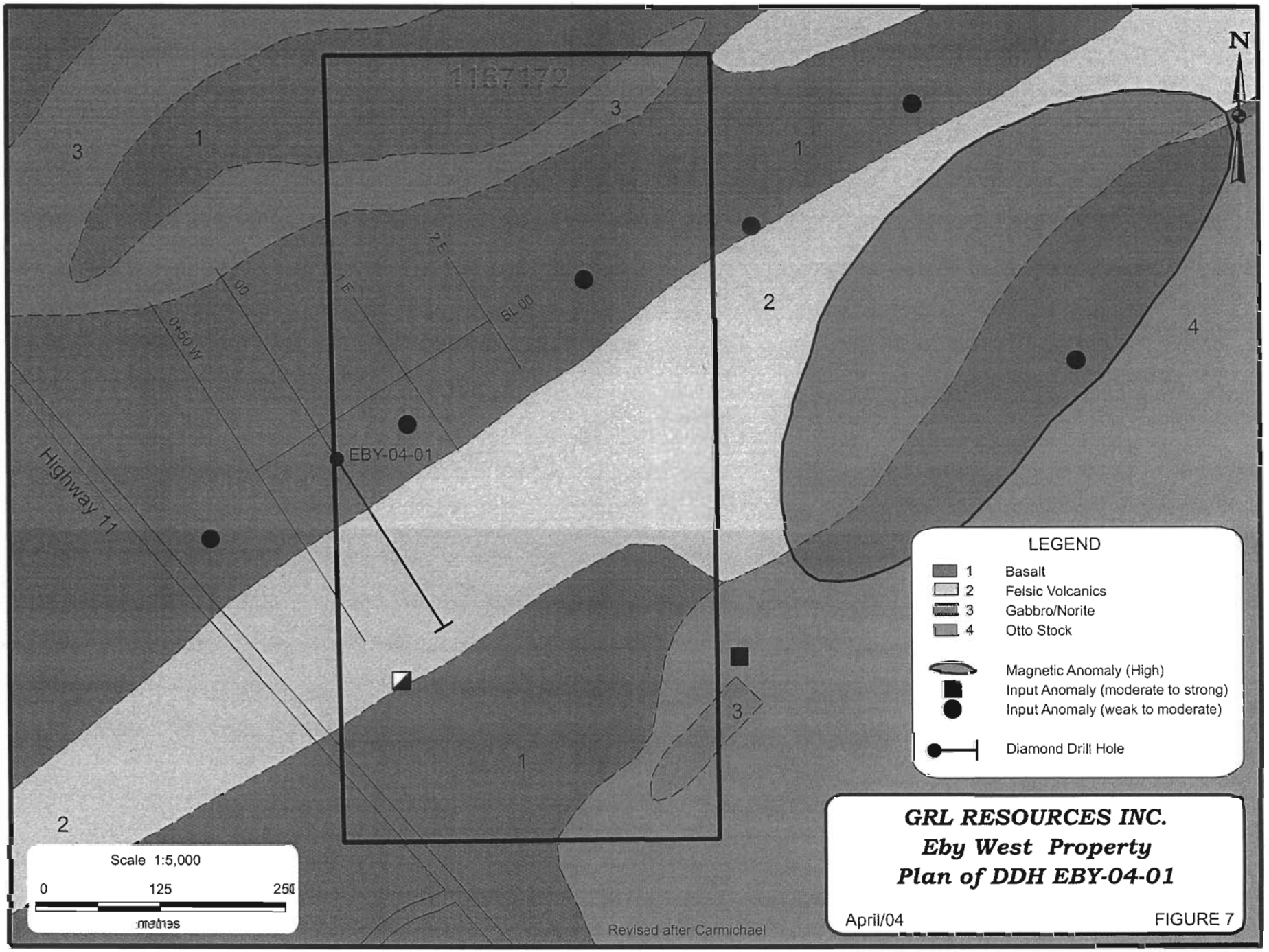
Eby-Otto Property

Section 0+00 E

Facing West

April/04

FIGURE 6


N
1167172
3
1
3
1
2
4
2E
1E
BL 00
00
0+50 W
EBY-04-01
Highway 11
3
1
2
LEGEND
1 Basalt
2 Felsic Volcanics
3 Gabbro/Norite
4 Otto Stock
Magnetic Anomaly (High)
Input Anomaly (moderate to strong)
Input Anomaly (weak to moderate)
Diamond Drill Hole
Scale 1:5,000
0
125
250
metres
Revised after Carmichael
GRL RESOURCES INC.
Eby West Property
Plan of DDH EBY-04-01
April/04
FIGURE 7

APPENDIX II:

Summary Log: DDH – Eby-04-01

Log: DDH – Eby-04-01

DIAMOND DRILL RECORD

Metres	DIP	AZIMUT
0	-45	150
72	-50	150
155	-45	150
272	-25	150

Metres DIP AZIMUTH

NAME OF PROPERTY: GLR-RESOURCES INC. HOLE NO. EBY-04-01 SHEET NO. 1

HOLE NO. EBY-04-01 LENGTH: 272.0 m REMARKS: Claim: 1167172

LOCATION: Eby-Otto Property Eby Twp., ON Drilled By: Heath & Sherwood

LATITUDE: 0+25S DEPARTURE: 0+00 Bq Core:

UTM: ZONE 17: NAD: 27 0563238 E 5324170 N

ELEVATION: AZIMUTH: 150 DIP: -45 Logged By: Fred Sharpley

February 16-25/04

STARTED: Februar 13/04 FINISHED: February 24/04

CORE STORED: YES NAPA CSG PULLED: YES

Metres FROM	TO	DESCRIPTION SUMMARY			SAMPLE NO.	% SULPH-IDES	Metres FROM	TO	TOTAL	ASSAYS Cu %	Zn %	Ag ppm	Au ppb	Au ppb
0.00	24.06	Overburden:												
24.06	31.86	Syenite Porphyry:												
31.86	45.00	Mafic to Intermediate Heterolithic Tuff-Fragmental:												
		garnetiferous locally												
45.00	78.00	Silicified Felsic Tuff:												
		54.0-60.0	3-10% py; tr. Sph	6.0 m	5		54.00	60.00	6.00	0.06	0.36	0.04		Nil
		63.8-68.4o	2-15% py	4.6 m										
		76.4-77.4	Qtz-Bx with py	1.0 m										
78.00	82.88	Graphitic Argillite:												
82.88	89.87	Felsic Tuff:												
89.87	92.80	Graphitic Argillite:												
		2-5% py		2.93 m										
92.8	96.3	Felsic Tuff:												

DIAMOND DRILL RECORD

Metres	DIP	AZIMUT	Metres	DIP	AZIMUTH
0	-45	150			
72	-50	150			
155	-45	150			
272	-25	150			

NAME OF PROPERTY: GLR-RESOURCES INC. HOLE NO. EBY-04-01 SHEET NO. 2

HOLE NO. EBY-04-01 LENGTH: 272.0 m REMARKS: Claim: 1167172

LOCATION: Eby-Otto Property Eby Twp., ON Drilled By: Heath & Sherwood

LATITUDE: 0+25S DEPARTURE: 0+00 Bq Core:

UTM: ZONE 17: NAD: 27 0563238 E 5324170 N

ELEVATION: AZIMUTH: 150 DIP: -45 Logged By: Fred Sharpley

February 16-25/04

STARTED: Februar 13/04 FINISHED: February 24/04

CORE STORED: YES NAPA CSG PULLED: YES

Metres FROM	TO	DESCRIPTION SUMMARY			SAMPLE NO.	% SULPH-IDES	Metres FROM	TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
96.30	97.70	Graphitic Tuff:												
			3% diss. Py	1.4 m										
97.70	98.65	Felsic Tuff:												
			2-3% diss. Py	0.95 m										
98.65	102.50	Graphitic Tuff:												
			3% diss. Py	4.05 m										
102.50	111.00	Felsic Tuff:												
111.00	132.00	Garnetiferous Felsic Fragmental Tuff:												
			120.0-132.0 3-15% diss. Py, po	12.0 m										
132.00	142.65	Siliceous Garnetiferous Felsic Fragmental												
142.65	157.15	Chloritized Garnetiferous Felsic Tuff Fragmental:												
157.15	161.50	Chloritized Silicified Felsic Tuff:												
161.5	177.27	Silicified Chloritized Felsic Tuff:												

DIAMOND DRILL RECORD

Metres	DIP	AZIMUTH	Metres	DIP	AZIMUTH
0	-45	150			
72	-50	150			
155	-45	150			
272	-25	150			

NAME OF PROPERTY: GLR-RESOURCES INC. HOLE NO. EBY-04-01 SHEET NO. 3

HOLE NO. EBY-04-01 LENGTH: 272.0 m REMARKS: Claim: 1167172

LOCATION: Eby-Otto Property Eby Twp., ON Drilled By: Heath & Sherwood

LATITUDE: 0+25S DEPARTURE: 0+00 Bq Core:

UTM: ZONE 17: NAD: 27 0563238 E 5324170 N

ELEVATION: AZIMUTH: 150 DIP: -45 Logged By: Fred Sharpley

February 16-25/04

STARTED: Februar 13/04 FINISHED: February 24/04

CORE STORED: YES NAPA CSG PULLED: YES

Metres FROM	TO	DESCRIPTION SUMMARY			SAMPLE NO.	% SULPH-IDES	SAMPLE FROM	SAMPLE TO	SAMPLE TOTAL	ASSAYS Cu %	Zn %	Ag ppm	Au ppb	Au ppb
177.27	213.65	**Chloritized Silicified Felsic Tuff:**												
		177.27-186.0	1-10% diss. Py, po, sph	8.73 m		5	177.27	186.00	8.73	0.01	0.05	0.1		Nil
213.65	236.00	**Graphitic Felsic Tuff:**												
		201.0-207.0	3-10% py, + qtz-bx	6.0 m										
236.00	256.80	**Felsic-Intermediate Hetrolithic Fragmental Tuff:**												
		241.0-245.0	1-5% diss. F.g. py	4.0 m										
		252.0-256.8	5-20% blebs, seams py	4.8 m										
256.80	272.00	**Silicified Basalt: (Garnets & epidote)**												
		256.8-258.8	1-5% blebs py	2.0 m										
	272.00	**End of Hole**												

DIAMOND DRILL RECORD

Metres	DIP	AZIMUT
0	-45	150
72	-50	150
155	-45	150
272	-25	150

Metres DIP AZIMUTH

NAME OF PROPERTY: GLR-RESOURCES INC.

HOLE NO. EBY-04-01 **LENGTH:** 272.0 m

LOCATION: Eby-Otto Property Eby Twp., ON

LATITUDE: 0+25S **DEPARTURE:** 0+00
UTM: ZONE 17: NAD: 27 0563238 E 5324170 N
ELEVATION: **AZIMUTH:** 150 **DIP:** -45

STARTED: Februar 13/04 **FINISHED:** February 24/04
CORE STORED: YES NAPA **CSG PULLED: YES**

HOLE NO. EBY-04-01 **SHEET NO.** 1

REMARKS: Claim: 1167172

Drilled By: Heath & Sherwood

Bq Core:

Logged By: Fred Sharpley
February 16-25/04

Metres FROM	TO	DESCRIPTON	SAMPLE NO.	% SULPH-IDES	Metres FROM	TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
0.00	24.06	**Overburden:**										
24.06	31.86	**Syenite Porphyry:** pinkish-grey, massive, uniform, coarse grained, pink, feldspar phenocrysts < 5 mm; in fine-grained dark greenish-grey matrix; traces of cubic pyrite < 1mm; sharp contact at 30 degrees to core axis; minor biotite. light to medium grey, weak to moderately banded at 50 degrees CA; minor lapilli size fragments, subrounded weak to moderat te sericite; local carbonatization; 1-2% disseminated pyrite.	12501	1	30.36	31.86	1.50	51	740	0.3		19
31.86	45.00	**Mafic to Intermediate Heterolithic Tuff-Fragmental:** light to dark greenish-grey, very fine-grained, tuffaceous at 50 degrees to core axis; interbanded light grey bands with felsic angular fragments < 10 mm; locally magnetic; 1-3% disseminated pyrite < 2mm; argillaceous bands with seams of pyrite < 5 mm; graphitic; interflow bands.	12502	1	31.86	33.36	1.50	30	369	0.3		3
			12503	2	33.36	34.86	1.50	41	330	0.3		Nil
			12504	2	34.86	36.36	1.50	63	374	0.2		Nil
			12505	2	36.36	37.86	1.50	47	306	0.1		Nil
			12506	2	37.86	39.20	1.34	36	363	0.1		Nil
			12507	1	39.20	40.70	1.50	55	499	0.4		Nil
			12508	1	40.70	41.50	0.80	67	437	0.2	31	43
			12509	2	41.50	43.00	1.50	81	317	0.2		Nil
		39.20 - 41.50 numerous red garnets < 2 mm in mafic tuff	12510	3	43.00	45.00	2.00	85	305	0.3	46	39
		40 15 mm band disseminated sphalerite at 60 degrees to core axis.										
		41.50- 45.00 dark grey, silicified , graphitic, strong diss. Py										

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 SHEET NO. 2

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
45.00	78.00	**Felsic Graphitic Tuff** light to medium grey, banded at 40 degrees to core axis; interbanded dark grey bands with graphite and light grey felsic bands; moderately silicified, locally sericitized weakly locally magnetic; 1-5% disseminated pyrite; weak traces of disseminated sphalerite; local strong silicification; in-situ breccia locally.	12511	2	45.00	46.50	1.50	32	163	0.1		Nil
			12512	2	46.50	48.00	1.50	60	155	0.3		2
			12513	3	48.00	49.50	1.50	74	566	0.7		3
			12514	2	49.50	51.00	1.50	30	229	0.4		Nil
			12515	2	51.00	52.50	1.50	56	264	0.2		15
			12516	2	52.50	54.00	1.50	97	937	0.4	29	19
			12517	3	54.00	55.50	1.50	192	1920	0.2		Nil
			12518	2	55.50	57.00	1.50	910	2710	0.7		Nil
		57.0- 58.50 10% disseminated pyrite; very fine weakly disseminated sphalerite.	12519	10	57.00	58.50	1.50	908	6240	0.7		Nil
			12520	3	58.50	60.00	1.50	351	3470	0.4		Nil
			12521	1	60.00	61.50	1.50	36	109	0.3		Nil
		63.00- 74.06 70% quartz-breccia with angular fragments of argillite; graphitic locally; local pyrite at 60 degrees to core axis. traces pyrrhotite at 62.00	12522	1	61.50	63.00	1.50	52	121	0.1		38
			12523	1	63.00	63.80	0.80	54	177	0.2		Nil
			12524	2	63.80	65.20	1.40	21	58	0.1		10
			12525	8	65.20	65.80	0.60	79	407	0.2		3
		67.56-68.40 5-30% coarse-grained pyrite.	12526	3	65.80	67.56	1.76	37	44	0.2		Nil
			12527	15	67.56	68.40	0.84	229	63	0.4	Nil	Nil
		65.20-65.80 Syenite Porphyry: pinkish phenocrysts < 3mm in a fine-grained greenish-grey matrix; sharp contact at 30 degrees to core axis; 5-8% disseminated pyrite.	12528	1	68.40	69.90	1.50	21	85	0.1		Nil
			12529	2	69.90	71.40	1.50	53	197	0.1		Nil
			12530	2	71.40	72.90	1.50	82	361	0.2		3
			12531	2	72.90	74.06	1.16	57	317	0.1		5
			12532	1	74.06	75.06	1.00	52	71	0.2		Nil
		76.40-77.40 70% quartz-breccia	12533	1	75.06	76.40	1.34	31	53	0.1		2
			12534	1	76.40	77.40	1.00	5	29	0.1		Nil
			12535	1	77.40	78.00	0.60	54	215	0.2		15
			12536	1	78.00	79.50	1.50	64	478	0.3		14
78.00	82.88	**Graphitic Argillite:** black, very fine-grained, schistose at 40 degrees to core axis; graphitic, 30% felsic tuff-breccia; 1% pyrite.	12537	1	79.50	81.00	1.50	53	138	0.3		5
			12538	1	81.00	82.88	1.88	40	175	0.2	Nil	Nil
			12539	1	82.88	84.38	1.50	88	291	0.3		7
			12540	1	84.38	86.88	2.50	57	266	0.3		5
			12541	1	86.88	88.38	1.50	25	145	0.2		3
82.88	89.87	**Felsic Tuff:** light grey, fine-grained, massive to weakly banded at 40 degrees to core axis; fairly uniform; 1-3% disseminated pyrite; silicified.	12542	1	88.38	89.87	1.49	23	141	0.2		2
			12543	5	89.87	90.87	1.00	120	373	0.2		Nil
			12544	5	90.87	91.87	1.00	157	431	0.4		3
			12545	2	91.87	92.80	0.93	97	196	0.2		2

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 SHEET NO. 3

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
		82.88-84.88 3% disseminated pyrite										
89.87	92.80	**Graphitic Argillite:** as above: 3-5% disseminated pyrite in seam along bedding at 40 degrees to core axis.										
92.80	96.30	**Felsic Tuff: light grey banded at 40 degrees to core axis; brecciated In-situ;** silicified.	12546	1	92.80	94.50	1.50	58	617	0.2		Nil
			12547	1	94.50	96.30	1.80					Nil
			12548	2	96.30	97.70	1.40					3
96.30	97.70	**Graphitic Tuff:** sheared at 40 degrees to core axis; 2% disseminated pyrite.	12549	3	97.70	98.65	0.95					5
			12550	3	98.65	99.65	1.00					Nil
97.70	98.65	**Felsic Tuff:** as above: 2% disseminated pyrite; silicified	12551	3	99.65	101.15	1.50				5	7
			12552	3	101.15	102.50	1.35					5
98.65	102.50	**Graphitic Tuff:** as above: 20% felsic; 3% disseminated pyrite.	12553	1	102.50	104.00	1.50					3
			12554	2	104.00	105.50	1.50					2
102.50	111.00	**Felsic Tuff:** as above: 2% pyrite; banded at 50 degrees to core axis; silicified.	12555	2	105.50	107.00	1.50					2
			12556	1	107.00	108.50	1.50					Nil
			12557	1	108.50	110.00	1.50					Nil
111.00	114.50	**Felsic Tuff:**	12558	1	110.00	111.00	1.00					2
		strongly banded at 50 degrees to core axis; also 40 degrees t	12559	1	111.00	112.50	1.50				Nil	2
		to core axis; garnetiferous; 1% disseminated pyrrhotite;	12560	1	112.50	114.00	1.50					5
		silicified; light to medium grey, banded.	12561	1	114.00	115.50	1.50					Nil
			12562	1	115.50	117.00	1.50					2
		108.0-108.5 30% medium green, fine-grained, massive	12563	1	117.00	118.50	1.50					3
		uniform, 10-30 mm bands at 50 degrees to	12564	1	118.50	120.00	1.50					Nil
		core axis; chlorite seams with pyrrhotite,	12565	3	120.00	121.50	1.50					Nil
		weakly magnetic; in hetrolithic breccia.	12566	2	121.50	123.00	1.50					Nil
			12567	3	123.00	124.50	1.50					22
		109.5-132.0 numerous 10% chlorite seams, < 70 mm	12568	3	124.50	126.00	1.50					19
		traces of pyrrhotite; contact at 40 degrees	12569	4	126.00	127.50	1.50					Nil
		to core axis.	12570	4	127.50	128.50	1.00				3	14
			12571	2	128.50	129.80	1.30					31
114.50	132.00	**Felsic Fragmental Tuff:**	12572	15	129.80	130.80	1.00					2
		light to medium grey, angular fragments, felsic < 25 mm	12573	10	130.80	132.00	1.00					2
		bands of dark grey grit with fragments < 2 mm; banded at	12574	1	132.00	133.50	1.50					5

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 **SHEET NO.** 4

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
		40 degrees to core axis; 1-5% disseminated pyrite, pyrrhotite possibly greywacke conglomerate.										
		120.5-129.8 3-5% disseminated pyrite, pyrrhotite.										
		129.8-132.0 5-15% disseminated pyrite, pyrrhotite.										
		131.5-132.0 pink carbonate.										
132.00	142.65	**Silicified Garnetiferous Felsic Fragmental:**	12575	1	133.50	135.00	1.50					3
			12576	1	135.00	136.50	1.50					Nil
		light grey, silicified, very hard, weakly banded at 40 degrees	12577	1	136.50	138.00	1.50				2	Nil
		to core axis; local pale green bands of chlorite; local red	12578	1	138.00	139.50	1.50					Nil
		garnets < 2 mm; subrounded fragments < 30 mm; altered	12579	1	139.50	141.00	1.50					2
		in matrix; 1-2% disseminated pyrrhotite, pyrite.	12580	1	141.00	142.65	1.65					Nil
			12581	1	142.65	144.00	1.35					Nil
142.65	157.15	**Felsic Tuff-Fragmental: (Chloritized, Garnetiferous)**	12582	2	144.00	145.50	1.50					Nil
			12583	2	145.50	147.00	1.50					Nil
		light to medium grey, strongly banded at 60 degrees to core	12584	1	147.00	148.50	1.50				Nil	2
		axis; silicified and chloritized (black); 10-20% green	12585	1	148.50	150.00	1.50					Nil
		chloritized bands < 40 mm at 60 degrees to core axis with	12586	2	150.00	151.50	1.50					Nil
		red garnets < 2 mm; possible chlorite seams with 1-2%	12587	2	151.50	153.00	1.50					Nil
		pyrrhotite, pyrite.	12588	1	153.00	154.50	1.50					Nil
			12589	2	154.50	156.00	1.50					Nil
			12590	3	156.00	157.15	1.15					2
157.15	161.50	**Chloritic Felsic Tuff:**	12591	1	157.15	158.00	0.85					3
			12592	3	158.00	159.00	1.00				Nil	Nil
		dark grey to black chlorite, banded at 60 degrees to core	12593	3	159.00	160.00	1.00					2
		axis.	12594	3	160.00	161.00	1.00					Nil
			12595	3	161.00	161.50	0.50					Nil
		157.15-161.5 2-3% disseminated pyrite; snow flake carbonate.										

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 SHEET NO. 5

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
161.50	167.65	**Silicified Felsic Tuff-Fragmental:**	12596		161.00	162.50	1.50					Nil
			12597	1	162.50	164.00	1.50					Nil
		light grey, strongly silicified, angular fragments < 4 mm;; minor sericite	12598		164.00	165.50	1.50					2
			12599	1	165.50	166.50	1.00					Nil
			12600		166.50	167.65	1.15					2
167.65	177.27	**Silicified Chlorite Felsic Tuff:**	12601		167.65	169.00	1.35					Nil
			12602		169.00	170.50	1.50					Nil
		light to dark grey black, very fine-grained, banded at 60 degrees to core axis; intermixed black chlorite, silicified bands and light grey silicified coarse grained and fine-grained feldspathic bands.	12603		170.50	172.00	1.50				Nil	5
			12604		172.00	173.50	1.50					Nil
			12605		173.50	175.00	1.50					Nil
			12606		175.00	176.50	1.50					Nil
177.27	213.65	**Chloritized Sillcified Felsic Tuff:**	12607		176.50	177.27	0.77					Nil
			12608	1	177.27	178.00	0.73	37	97	0.1		3
		strongly silicified, chloritized (black), banded at 60 degrees to core axis; 1-5% disseminated fine and coarse pyrite, traces of sphalerite; < 10% flesh colored felsite stringers veinlets.	12609	3	178.00	179.00	1.00	142	918	0.1		Nil
			12610	5	179.00	180.00	1.00	217	580	0.2		Nil
			12611	10	180.00	181.00	1.00	174	1430	0.1		Nil
			12612	10	181.00	182.00	1.00	117	143	0.1	5	Nil
			12613	5	182.00	183.00	1.00	40	93	0.1		Nil
		177.27-185.00 1-10% fine and coarse-grained disseminated pyrite, minor pyrrhotite, traces of sphalerite;	12614	6	183.00	184.00	1.00	45	98	0.1		Nil
			12615	4	184.00	185.00	1.00	68	304	0.2		Nil
			12616	2	185.00	186.00	1.00	47	875	0.2		Nil
			12617	1	186.00	187.50	1.50					Nil
		178.00-184.00 white 1 mm white carbonate snow flakes	12618	1	187.50	189.00	1.50					Nil
			12619	1	189.00	190.00	1.00					Nil
		191.00-207.50 black color, strongly chloritized, 1-10% disseminated pyrite; lapilli tuff locally.	12620	1	190.00	191.00	1.00					Nil
			12621	2	191.00	192.00	1.00					3
			12622	1	192.00	193.00	1.00					21
		192.8-193.0 quartz-carbonate vein at 60 CA.	12623	1	193.00	194.00	1.00					5
			12624	1	194.00	195.00	1.00					2
		201.0-201.1 quartz-breccia at 60 CA.	12625	1	195.00	196.00	1.00					Nil
			12626	1	196.00	197.00	1.00					Nil
		201.8-204.5 20% quartz-breccia at 60 CA.	12627	2	197.00	198.00	1.00					Nil
			12628	2	198.00	199.00	1.00					Nil
		201.3-206.5 3% disseminated pyrite, fine-grained and coarse grained.	12629	2	199.00	200.00	1.00					2
			12630	1	200.00	201.00	1.00					Nil

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 SHEET NO. 6

METRES FROM	TO	DESCRIPTION
213.65	236.00	**Graphic Felsic Tuff:**
		black color, fine-grained, strongly banded, at 40-60 CA; 10% white quartz-carbonate veining at 60 CA.
		216.35-216.85 quartz-breccia; 3% pyrite.
		216.85-226.10 micro-quartz breccia; quartz vein < 5 mm 3-5% disseminated fine-pyrite.
		221.0-224.0 core broken-up, 45% core recovery.

SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
12631	10	201.00	202.00	1.00				3	Nil
12632	8	202.00	203.00	1.00					Nil
12633	10	203.00	204.00	1.00					Nil
12634	8	204.00	205.00	1.00					Nil
12635	5	205.00	206.00	1.00					3
12636	3	206.00	207.00	1.00					Nil
12637	1	207.00	208.50	1.50					Nil
12638	1	208.50	210.00	1.50					Nil
12639	1	210.00	211.50	1.50				Nil	Nil
12640	1	211.50	212.50	1.00					Nil
12641	1	212.50	213.65	1.15					Nil
12642	3	213.65	215.00	1.35					3
12643	3	215.00	216.35	1.35					2
12644	5	216.35	218.00	1.65					Nil
12645	2	218.00	219.00	1.00					Nil
12646	10	219.00	220.00	1.00					Nil
12647	8	220.00	221.00	1.00					Nil
12648	8	221.00	222.00	1.00					2
14649	5	222.00	223.00	1.00					Nil
12650	5	223.00	224.00	1.00					Nil
12651	5	224.00	225.00	1.00					Nil
12652	3	225.00	226.00	1.00					2
12653	3	226.00	227.00	1.00					Nil
12654	3	227.00	228.00	1.00					Nil
12655	2	228.00	229.00	1.00					2
12656	2	229.00	230.00	1.00					Nil
12657	1	230.00	231.00	1.00					Nil
12658	1	231.00	232.00	1.00					Nil
12659	1	232.00	233.00	1.00				2	3
12660	1	233.00	234.00	1.00					Nil
12661	1	234.00	235.00	1.00					Nil
12662	1	235.00	236.00	1.00					Nil

DIAMOND DRILL RECORD

NAME OF PROPERTY GLR RESOURCES INC.

HOLE NO. EBY-04-01 **SHEET NO.** 7

METRES FROM	TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	TOTAL	ASSAYS Cu ppm	Zn ppm	Ag ppm	Au ppb	Au ppb
236.00	256.80	**Felsic to Intermediate Hetrolithic Fragmental Tuff:**	12663	2	236.00	237.00	1.00					Nil
			12664	2	237.00	238.00	1.00					2
		medium grey, fragments, angular to subrounded, felsic to mafic, 3mm to 30 mm in size; banded at 40 CA.	12665	2	238.00	239.00	1.00					2
			12666	2	239.00	240.00	1.00					Nil
			12667	2	240.00	241.00	1.00					Nil
		236.0-246.07 1-5% disseminated pyrite, fine to.	12668	5	241.00	242.00	1.00				3	2
			12669	5	242.00	243.00	1.00					Nil
		241.0-246.07 5% disseminated pyrite.	12670	5	243.00	244.00	1.00					Nil
			12671	5	244.00	245.00	1.00					Nil
		252.0-256.8 3-15% pyrite along bedding and blebs.	12672	1	245.00	246.50	1.50					Nil
			12673	1	246.50	248.00	1.50					Nil
		256.4-256.8 30% blebs of pyrite; chlorite seams.	12674	1	248.00	249.50	1.50					Nil
			12675	1	249.50	251.00	1.50				Nil	5
			12676	1	251.00	252.00	1.00					2
		10% white quartz-carbonate veining at 60 CA.	12677	10	252.00	253.00	1.00					2
			12678	10	253.00	254.00	1.00				17	9
		216.35-216.85 quartz-breccia; 3% pyrite.	12679	5	254.00	255.00	1.00					7
			12680	5	255.00	256.00	1.00					Nil
		216.85-226.10 micro-quartz breccia; quartz vein < 5 mm 3-5% disseminated fine-pyrite.	12681	20	256.00	256.80	0.80					Nil
			12682	5	256.80	257.80	1.00					Nil
			12683	1	257.80	258.80	1.00					Nil
		221.0-224.0 core broken-up, 45% core recovery.	12684		258.80	260.00	1.20					Nil
			12685		260.00	261.50	1.50					Nil
			12686		261.50	263.00	1.50					Nil
256.80	272.00	**Silicified Basalt:**	12687		263.00	264.50	1.50					3
			12688		264.50	266.00	1.50					Nil
		medium grey, very fine to fine-grained, fairly massive, uniform; silicified, epidote alteration; red garnets.	12689		266.00	267.50	1.50					Nil
			12690		267.50	269.00	1.50					Nil
			12691		269.00	270.50	1.50					Nil
		256.8-262.5 medium-grained.	12692		270.50	272.00	1.50				2	3
	272.00	**End of hole**										

APPENDIX III:

Assays

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0288-RG1

Company: **GLR RESOURCES INC.**

Date: FEB-23-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 20 Core samples submitted FEB-19-04 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
12501	19	-	-	-	-
12502	3	-	-	-	-
12503	Nil	-	-	-	-
12504	Nil	-	-	-	-
12505	Nil	-	-	-	-
12506	Nil	-	-	-	-
12507	Nil	-	-	-	-
12508	43	31	-	-	-
12509	Nil	-	-	-	-
12510	39	46	-	-	-
12511	Nil	-	-	-	-
12512	2	-	-	-	-
12513	3	-	-	-	-
12514	Nil	-	-	-	-
12515	15	-	-	-	-
12516	19	29	-	-	-
12517	Nil	-	0.2	292	1920
12518	Nil	-	0.7	910	2710
12519	Nil	-	0.7	908	6240
12520	Nil	-	0.4	351	3470

Certified by Denis Chartrand

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

Established 1928

Swastika Laboratories Ltd

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0291-RG1

Company: **GLR RESOURCES INC.**

Date: FEB-23-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 23 Core samples submitted FEB-20-04 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
12521	Nil	-	0.3	36	109
12522	38	-	0.1	52	121
12523	Nil	-	0.2	54	177
12524	10	-	0.1	21	58
12525	3	-	0.2	79	407
12526	Nil	-	0.2	37	44
12527	Nil	Nil	0.4	229	63
12528	Nil	-	0.1	21	85
12529	Nil	-	0.1	53	197
12530	3	-	0.2	82	361
12531	5	7	0.1	57	317
12532	Nil	-	0.2	52	71
12533	2	-	0.1	31	53
12534	Nil	-	0.1	5	29
12535	15	-	0.2	54	215
12536	14	-	0.3	64	478
12537	5	Nil	0.3	53	138
12538	Nil	-	0.2	40	175
12539	7	-	0.3	88	291
12540	5	-	0.3	57	266
12541	3	-	0.2	25	145
12542	2	-	0.2	23	141
12543	Nil	-	0.2	120	373

Certified by Denis Christy

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Swastika Laboratories Ltd

Established 1928

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Geochemical Analysis Certificate

4W-0303-RG1

Company: **GLR RESOURCES INC.**

Date: FEB-27-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 23 Core samples submitted FEB-21-04 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
12544	3	-	0.4	157	431
12545	2	-	0.2	97	196
12546	Nil	-	0.2	58	617
12547	Nil	-	-	-	-
12548	3	-	-	-	-
12549	5	-	-	-	-
12550	Nil	-	-	-	-
12551	7	5	-	-	-
12552	5	-	-	-	-
12553	3	-	-	-	-
12554	2	-	-	-	-
12555	2	-	-	-	-
12556	Nil	-	-	-	-
12557	Nil	-	-	-	-
12558	2	-	-	-	-
12559	2	Nil	-	-	-
12560	5	-	-	-	-
12561	Nil	-	-	-	-
12562	2	-	-	-	-
12563	3	-	-	-	-
12564	Nil	-	-	-	-
12565	Nil	-	-	-	-
12566	Nil	-	-	-	-

Certified by Denis Thorne

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Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0306-RG1

Company: **GLR RESOURCES**

Date: FEB-25-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 17 Core samples submitted FEB-22-04 by .

Sample Number	Au PPB	Au Check PPB
12567	22	-
12568	19	-
12569	Nil	-
12570	14	3
12571	31	-
12572	2	-
12573	2	-
12574	5	-
12575	3	-
12576	Nil	-
12577	Nil	2
12578	Nil	-
12579	2	-
12580	Nil	-
12581	Nil	-
12582	Nil	-
12583	Nil	-

Certified by Denis Chartrand

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

Swastika Laboratories Ltd

Established 1928

Assaying - Consulting - Representation

Geochemical Analysis Certificate

4W-0311-RG1

Company: **GLR RESOURCES**

Date: FEB-25-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 18 Core samples submitted FEB-23-04 by .

Sample Number	Au PPB	Au Check PPB
12584	2	Nil
12585	Nil	-
12586	Nil	-
12587	Nil	-
12588	Nil	-
12589	Nil	-
12590	2	-
12591	3	-
12592	Nil	Nil
12593	2	-
12594	Nil	-
12595	Nil	-
12596	Nil	-
12597	Nil	-
12598	2	-
12599	Nil	-
12600	2	-
12601	Nil	-

Certified by Denis Chartrand

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Geochemical Analysis Certificate

4W-0330-RG1

Company: **GLR RESOURCES INC.**

Date: FEB-27-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 24 Core samples submitted FEB-24-04 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
12602	Nil	-	-	-	-
12603	5	Nil	-	-	-
12604	Nil	-	-	-	-
12605	Nil	-	-	-	-
12606	Nil	-	-	-	-
12607	Nil	-	-	-	-
12608	3	-	0.1	37	97
12609	Nil	-	0.1	142	918
12610	Nil	-	0.2	217	580
12611	Nil	-	0.1	174	1430
12612	Nil	5	0.1	117	143
12613	Nil	-	0.1	40	93
12614	Nil	-	0.1	45	98
12615	Nil	-	0.2	68	304
12616	Nil	-	0.2	47	875
12617	Nil	-	-	-	-
12618	Nil	-	-	-	-
12619	Nil	-	-	-	-
12620	Nil	-	-	-	-
12621	3	-	-	-	-
12622	21	-	-	-	-
12623	5	-	-	-	-
12624	2	-	-	-	-
12625	Nil	-	-	-	-

Certified by Denis Ahrens

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Geochemical Analysis Certificate

4W-0341-RG1

Company: **GLR RESOURCES INC.**

Date: MAR-01-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 28 Core samples submitted FEB-25-04 by .

Sample Number	Au PPB	Au Check PPB
12626	Nil	-
12627	Nil	-
12628	Nil	-
12629	2	-
12630	Nil	-
12631	Nil	3
12632	Nil	-
12633	Nil	-
12634	Nil	-
12635	3	-
12636	Nil	-
12637	Nil	-
12638	Nil	-
12639	Nil	Nil
12640	Nil	-
12641	Nil	-
12642	3	-
12643	2	-
12644	Nil	-
12645	Nil	-
12646	Nil	-
12647	Nil	Nil
12648	2	-
12649	Nil	-
12650	Nil	-
12651	Nil	-
12652	2	-
12653	Nil	-

Certified by Denis Chrunty

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Geochemical Analysis Certificate

4W-0356-RG1

Company: **GLR RESOURCES INC.**

Date: MAR-01-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 19 Core samples submitted FEB-26-04 by .

Sample Number	Au PPB	Au Check PPB
12654	Nil	-
12655	2	-
12656	Nil	-
12657	Nil	-
12658	Nil	-
12659	3	2
12660	Nil	-
12661	Nil	-
12662	Nil	-
12663	Nil	-
12664	2	-
12665	2	-
12666	Nil	-
12667	Nil	-
12668	2	3
12669	Nil	-
12670	Nil	-
12671	Nil	-
12672	Nil	-

Certified by Denis Charette

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Geochemical Analysis Certificate

4W-0367-RG1

Company: **GLR RESOURCES INC.**

Date: MAR-02-04

Project:

Attn: F. Sharpley

We hereby certify the following Geochemical Analysis of 20 Core samples submitted FEB-27-04 by .

Sample Number	Au PPB	Au Check PPB
12673	Nil	-
12674	Nil	-
12675	5	Nil
12676	2	-
12677	2	-
12678	9	17
12679	7	-
12680	Nil	-
12681	Nil	-
12682	Nil	-
12683	Nil	-
12684	Nil	-
12685	Nil	-
12686	Nil	-
12687	3	-
12688	Nil	-
12689	Nil	-
12690	Nil	-
12691	Nil	-
12692	3	2

Certified by Denis Charette

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Activation Laboratories Ltd. Work Order No. A04-0698 Report No. A04-0698

SAMPLE	SiO2 %	Al2O3 %	Fe2O3 %	MnO %	MgO %	CaO %	Na2O %	K2O %	TiO2 %	P2O5 %	LOI %	TOTAL %	Ba ppm	Sr ppm	Y ppm	Sc ppm	Zr ppm	Be ppm	V ppm	
12519	61.78	12.86	5.78	0.039	0.94	2.41	4.70	1.45	0.306	0.04	8.46	98.76	170	219	10	7	111	1	30	
12571	69.18	14.36	4.84	0.051	1.24	1.95	3.82	1.66	0.214	0.09	2.62	100.02	357	303	4	4	102	1	18	
12590	65.42	1.07	23.46	0.131	2.30	5.55	0.39	0.05	0.031	0.20	1.37	99.97	9	80	5	-1	15	2	8	
12612	62.27	12.75	7.54	0.118	1.86	3.64	2.51	2.54	0.421	0.10	4.91	98.66	264	310	10	7	118	1	56	
SY3 CERT	59.62	11.75	6.49	0.32	2.67	8.26	4.12	4.23	0.15	0.54	1.16		450	302	718	6.8	320	20	50	syenite
SY-3/A	59.60	11.53	6.25	0.324	2.62	8.22	3.96	4.21	0.133	0.53			440	307	727	8	311	21	50	
NIST 694 CERT	11.20	1.80	0.79	0.01	0.33	43.60	0.86	0.51	0.11	30.20									1736	western phosphate rock
NIST 694/A	11.16	1.87	0.72	0.011	0.32	42.92	0.83	0.54	0.109	29.14			116	.961	140	3	94	2	1598	
W-2 CERT	52.44	15.35	10.74	0.163	6.37	10.87	2.14	0.627	1.06	0.131	0.60		182	194	24	35	94	1.3	262	diabase
W-2/A	52.42	15.30	10.73	0.163	6.35	10.85	2.17	0.68	1.063	0.15			176	196	18	36	81	1	263	
DNC-1 CERT	47.04	18.30	9.93	0.149	10.05	11.27	1.87	0.229	0.48	0.085	0.60		114	145	18	31	41	1	148	dolerite
DNC-1/A	46.90	18.28	9.80	0.144	10.11	11.22	1.87	0.23	0.473	0.08			107	143	16	31	32	-1	139	
BIR-1 CERT	47.77	15.35	11.26	0.171	9.68	13.24	1.75	0.027	0.96	0.05			7.7	108	16	44	22	0.58	313	basalt
BIR-1/A	47.75	15.32	11.24	0.169	9.64	13.21	1.77	0.03	0.957	0.02			8	108	13	44	15	-1	322	
GBW 07113 CERT	72.78	12.96	3.21	0.140	0.16	0.59	2.57	5.43	0.30	0.05			506	43	42.5	5.2	403	4.09	3.8	granite
GBW 07113/A	72.78	12.89	3.13	0.140	0.15	0.59	2.48	5.35	0.282	0.05			495	41	44	5	392	4	34	
NBS 1633b CERT	49.24	28.43	11.13	0.020	0.799	2.11	0.271	2.26	1.32	0.53			709	1041		41			296	fly ash
NBS 1633b/A	49.19	28.42	11.10	0.016	0.79	2.14	0.27	2.32	1.286	0.54			709	1038	81	39	207	12	290	
STM-1 CERT	59.64	18.39	5.22	0.22	0.101	1.09	8.94	4.28	0.135	0.158			560	700	46	0.61	1210	9.6	(8.7	syenite
STM-1/A	59.61	18.06	5.15	0.218	0.10	1.13	8.58	4.18	0.129	0.16			590	700	40	-1	1210	9	-5	
IF-G CERT	41.20	0.15	55.85	0.042	1.89	1.55	0.032	0.012	0.014	0.063			1.5	3	9	0.38	2.4	4.7	4	iron form sample
IF-G/A	41.13	0.13	55.80	0.037	1.94	1.54	0.06	0.07	-0.001	0.07			7	4	8	-1	10	5	-5	
FK-N CERT	65.02	18.61	0.09	0.005	0.01	0.11	2.58	12.81	0.02	0.02			200	39	0.3	0.05	13	1	3	K-feldspar
FK-N/A	65.40	18.42	0.10	0.003	-0.01	0.10	2.46	12.26	-0.001	0.02			203	37	-1	-1	-1	1	-5	

Note: Certificate data underlined are recommended values; other values are proposed except those preceded by a "(" which are information values.
Note: The Fe2O3 for the standards is Total Fe2O3 and has not been adjusted for the FeO.

C. Douglas Read, B.Sc.
Laboratory Manager

Negative values indicate less than the reporting limit
LOI values less than -0.01% represent a Gain on Ignition

Lithogeochem (Standard Package) Job #: A04-0698 **Report#: A04-0698** **Company: GLR Resources** **Contact: R. Kasner**

Trace Element Values Are In Parts Per Million. Negative Values Equal Not Detected At That Lower Limit.

Sample ID:	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd
12519	34	136	82	135	697	6,080	22	1	10	40	202	11	110	3	7	-0.5	1.8	8	-0.5	1.2	166	14.5	29.5	3.38	12.9
12571	21	143	9	-20	38	172	18	-1	-5	50	288	5	99	3	-2	-0.5	-0.2	-1	-0.5	1.0	359	10.3	20.6	2.33	8.4
12590	9	78	2	-20	12	-30	4	2	10	2	78	6	17	-1	-2	-0.5	-0.2	-1	0.5	0.7	6	2.5	4.6	0.53	2.2
12612	57	144	19	27	91	110	14	-1	8	68	290	11	115	5	-2	-0.5	-0.2	-1	-0.5	1.5	266	16.8	35.3	4.12	15.5
Control Material W2	267	91	43	73	157	88	17	1	-5	19	195	21	92	8	-2	-0.5	-0.2	1	0.5	0.8	176	11.3	24.0	2.99	13.1
Certified W2	**262***	**93***	**44***	**70***	**103***	**77***	**20***	**(1.0)**	**1.2**	**20***	**194***	**24***	**94***	**7.9**	**(0.6)**	**(0.046)**			**0.79**	**0.99***	**182***	**11.4***	**24***	**(5.9)**	**14.0**
Control Material WMG-1	178	800	204	2,720	5,940	127	10	2	17	4	41	15	58	5	-2	1.4	-0.2	2	2.4	-0.5	118	8.4	17.2	2.16	9.7
Certified WMG-1	**(149)**	**(770)**	**(200)**	**(2700)**	**(5900)**	**(110)**	**(10.3)**		**(7)**	**(4)**	**(41)**	**(12)**	**(43)**	**(6)**	**(1.4)**	**(2.7)**		**(2.2)**	**(1.8)**	**(0.48)**	**(114)**	**(8.2)**	**(16)**		**(9)**
Blank	-5	-20	-1	-20	-10	-30	-1	-1	-5	-2	-2	-1	-5	-1	-2	-0.5	-0.2	-1	-0.5	-0.5	-3	-0.1	-0.1	-0.05	-0.1
Standard MAG1	136	96	21	52	34	126	22	1	16	150	141	27	129	15	-2	-0.5	-0.2	3	1.2	8.7	500	43.4	87.0	9.82	37.7
Certified MAG1	**140***	**97***	**20.4***	**53***	**30***	**130***	**20.4***		**9.2**	**149***	**146***	**28***	**126***	**12**	**1.6**	**0.08**	**(0.18)**	**3.6**	**0.96***	**8.6***	**479***	**43***	**88***	**9.3**	**38***
Standard BIR1	314	388	51	172	118	45	15	1	-5	-2	109	16	13	-1	-2	-0.5	-0.2	-1	-0.5	-0.5	7	0.8	2.0	0.39	2.5
Certified BIR1	**313***	**382***	**51.4***	**166***	**126***	**71***	**16**	**1.5**	**(0.4)**	**0.25***	**108***	**16***	**16**	**0.6**	**(0.5)**	**(0.036)**		**0.65**	**0.58**	**0.005**	**7**	**0.62***	**1.95***	**0.38***	**2.5***
Standard DNC1	149	280	55	248	97	62	14	1	-5	4	145	18	35	1	-2	-0.5	-0.2	1	1.1	-0.5	105	3.9	8.4	1.08	5.1
Certified DNC1	**148***	**285***	**54.7***	**247***	**96***	**66***	**15**	**(1.3)**	**(0.2)**	**(4.5)**	**145***	**18***	**41***	**3**	**(0.7)**	**(0.027)**			**0.96***	**(0.34)**	**114***	**3.8***	**10.6**	**1.3**	**4.9***
Standard GXR2	52	35	8	21	70	194	37	-1	36	78	156	18	262	11	-2	5.1	-0.2	2	21.2	5.1	2,230	26.4	52.9	5.47	20.3
Certified GXR2	**52**	**36**	**8.6**	**21**	**76**	**530**	**37**		**25**	**78.0**	**160**	**17**	**269**	**11**	**(2.1)**	**17**	**(0.252)**	**1.7**	**49**	**5.2**	**2,240**	**25.6**	**51.4**		**(19)**
Standard LKSD3	75	79	29	50	30	57	15	-1	45	82	255	30	194	9	-2	1.4	-0.2	1	1.1	2.8	682	48.7	89.4	11.3	43.3
Certified LKSD3	**82**	**87**	**30**	**47**	**35**	**152**			**27**	**78**	**240**	**30**	**178**	**8**	**(<5)**	**2.7**		**3**	**1.3**	**2.3**	**680**	**52**	**90**		**44**
Standard GXR1	87	-40	8	47	1,110	771	13	3	426	-4	310	33	32	-2	-4	31	0.8	54	122	3	731	8.5	15.3	2.0	8.8
Certified GXR1	**80**	**12**	**8.2**	**41**	**1,110**	**760**	**14**		**427**	**(14)**	**275**	**32**	**(38)**	**(0.8)**	**18**	**31**	**0.8**	**54**	**122**	**3.0**	**750**	**7.5**	**17**		**(18)**
Standard SY3	50	-40	9	-40	-20	214	33	3	31	204	310	820	396	134	-4	-1	-0.4	5	-1	3	455	1,340	2410	224	766
Certified SY3	**50**	**(11)**	**8.8**	**11**	**17**	**244***	**27***	**1.4**	**19**	**206***	**302***	**718***	**320**	**148**	**(1.0)**	**(1.5)**		**(6.5)**	**0.31**	**3**	**450**	**1340***	**2230***	**223***	**670**
Calibration Standard STM1	-5	-20	-1	-20	-10	233	36	1	7	115	738	46	1,350	268	18	2.5	-0.2	13	5.0	1.5	609	151	259	24.8	79.3
Certified STM1	**(8.7)**	**(4.3)**	**0.9**	**(3)**	**(4.6)**	**235***	**36***	**(1.4)**	**4.6**	**118***	**700***	**46***	**1210***	**268***	**5.2**	**0.079***	**(0.12)**	**6.8**	**1.66***	**1.54***	**560***	**150***	**259***	**19***	**79***
Calibration Standard IFG1	5	-20	29	25	-10	-30	-1	24	-5	-2	4	10	-5	-1	-2	-0.5	-0.2	-1	0.7	-0.5	-3	3.3	4.2	0.49	1.9
Certified IFG1	**2**	**4**	**29***	**23**	**13***	**20***	**0.7**	**24**	**1.5**	**0.4**	**3**	**9***	**1**	**0.1***	**0.7**		**0.2**	**0.3**	**0.63**	**0.06**	**1.5**	**2.8***	**4***	**0.4***	**0.2**

NOTE: '*' = RECOMMENDED VALUES
'( )' = INFORMATION VALUES
ALL OTHER VALUES ARE PROPOSED

NOTE: WE RECOMMEND USING OPTION 4B1 FOR ACCURATE LEVELS OF BASE METALS Cu,Pb,Zn,Ni,Ag AND OPTION 4B-INAA FOR As,Sb, HIGH W>100PPM AND Cr>10000PPM; AND Sn>50PPM BY CODE 5D. VALUES FOR THESE ELEMENTS PROVIDED BY ICP/MS ARE ORDER OF MAGNITUDE ONLY AND ARE PROVIDED FOR GENERAL INFORMATION. MINERALIZED SAMPLES SHOULD HAVE THE QUANT OPTION SELECTED OR REQUEST ASSAYS FOR VALUES WHICH EXCEED THE RANGE OF OPTION 4B1.

Certified By:



C. Douglas Read, B.Sc
Laboratory Manager, Activation Laboratories Ltd.

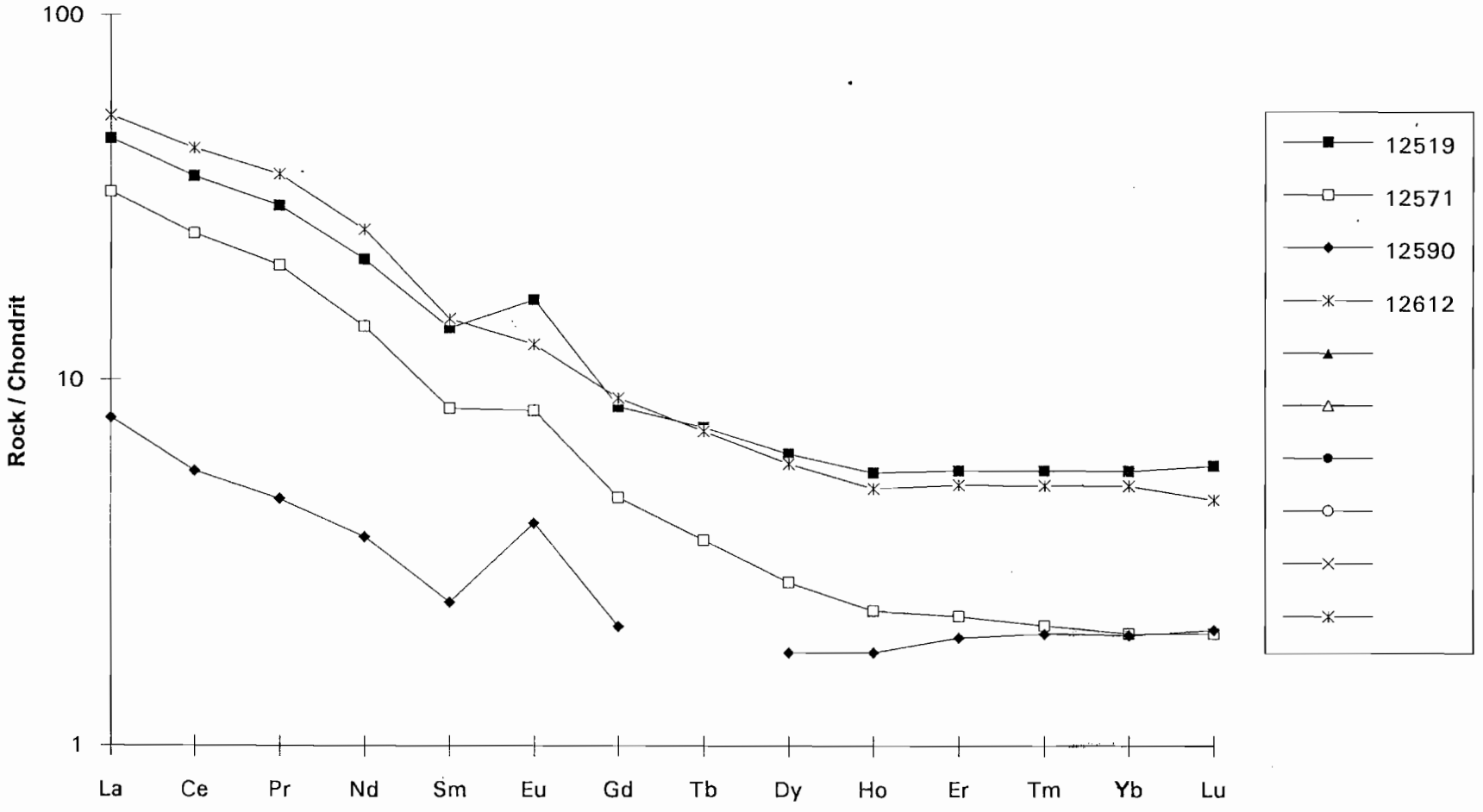
Date Received: 15-Mar-04

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Unless otherwise instructed, samples will be disposed of 90 days from the date of this report.

Date Reported: 30-Mar-04

Lithogeochem (Standard Package)
Trace Element Values Are In Parts P

Sample ID:	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
12519	2.7	1.21	2.2	0.4	2.0	0.4	1.2	0.18	1.2	0.19	3.0	0.3	-1	2.3	55	0.4	2.3	0.7
12571	1.6	0.60	1.2	0.2	0.9	0.2	0.5	0.07	0.4	0.07	2.8	0.2	2	0.9	5	-0.4	1.7	0.6
12590	0.5	0.29	0.6	-0.1	0.6	0.1	0.4	0.07	0.4	0.07	0.4	-0.1	-1	-0.1	-5	-0.4	0.3	-0.1
12612	2.8	0.91	2.3	0.4	1.9	0.4	1.1	0.17	1.1	0.15	3.2	0.4	2	1.0	-5	-0.4	2.8	0.8
Control Material W2	3.4	1.19	3.6	0.7	3.9	0.7	2.2	0.35	2.1	0.29	2.5	0.5	-1	0.1	6	-0.4	2.2	0.5
Certified W2	**3.25***	**1.1***	**3.6***	**0.63**	**3.8***	**0.76***	**2.5**	**0.4**	**2.05***	**0.33***	**2.56***	**0.5**	**(0.3)**	**(0.2)**	**9**	**(0.03)**	**2.2***	**0.53**
Control Material WMG-1	2.5	0.80	2.6	0.5	2.5	0.5	1.4	0.22	1.3	0.19	1.6	0.3	1	-0.1	18	0.6	1.2	0.7
Certified WMG-1	**(2.3)**	**(0.8)**		**(0.4)**	**(2.8)**	**(0.5)**		**(0.2)**	**(1.3)**	**(0.21)**	**(1.3)**	**(0.5)**	**(1.3)**		**(15)**		**(1.1)**	**(0.65)**
Blank	-0.1	-0.05	-0.1	-0.1	-0.1	-0.1	-0.1	-0.05	-0.1	-0.04	-0.2	-0.1	-1	-0.1	-5	-0.4	-0.1	-0.1
Standard MAG1	7.5	1.51	6.0	1.0	5.2	0.9	2.8	0.43	2.7	0.36	3.5	1.1	1	0.4	21	-0.4	12.1	2.8
Certified MAG1	**7.5***	**1.55***	**5.8***	**0.96***	**5.2***	**1.02***	**3**	**0.43***	**2.6***	**0.40***	**3.7***	**1.1**	**1.4**	**(0.59)**	**24***	**0.34**	**11.9***	**2.7***
Standard BIR1	1.1	0.56	1.9	0.4	2.6	0.5	1.8	0.28	1.7	0.24	0.6	-0.1	-1	-0.1	-5	-0.4	-0.1	-0.1
Certified BIR1	**1.1***	**0.54***	**1.85***	**0.36***	**2.5***	**0.57***	**1.7***	**0.26***	**1.65**	**0.26***	**0.6***	**0.04**	**0.07**	**(0.01)**	**3**	**(0.02)**	**0.03**	**0.01**
Standard DNC1	1.5	0.63	2.1	0.4	2.8	0.6	2.0	0.33	2.0	0.29	1.0	-0.1	-1	-0.1	6	-0.4	0.2	-0.1
Certified DNC1	**1.38***	**0.59***	**2**	**0.41***	**2.7**	**0.62**	**2***	**(0.33)**	**2.01***	**0.32***	**1.01***	**0.098***	**(0.2)**	**(0.026)**	**6.3**	**(0.02)**	**(0.2)**	**(0.1)**
Standard GXR2	3.8	0.84	3.2	0.5	3.0	0.6	1.8	0.29	1.8	0.26	6.8	0.8	1	0.7	103	-0.4	8.7	3.0
Certified GXR2	**3.5**	**0.81**	**(3.3)**	**0.48**	**3.3**			**(0.3)**	**2.04**	**(0.27)**	**8.3**	**0.9**	**1.9**	**1.03**	**690**	**(0.69)**	**8.8**	**2.9**
Standard LKSD3	8.0	1.50	6.3	0.9	4.9	0.9	2.9	0.45	2.8	0.40	4.9	0.6	-1	0.8	-5	-0.4	10.6	4.5
Certified LKSD3	**8.0**	**1.50**		**1.0**	**4.9**				**2.7**	**0.4**	**4.8**	**0.7**	**(<4)**		**29**		**11.4**	**4.6**
Standard GXR1	3.2	0.7	4.1	0.9	5.1	1.0	2.9	0.4	2.4	0.32	0.8	-0.2	159	0.7	730	1380	2.7	34.9
Certified GXR1	**2.7**	**0.69**	**4.2**	**0.83**	**4.3**			**(0.43)**	**1.9**	**0.3**	**1.0**	**0.175**	**164**	**(0.39)**	**730**	**1,380**	**2.44**	**34.9**
Standard SY3	137	20.2	121	24.5	146	29.6	94.4	14.6	74.9	8.82	11.6	14.9	-2	2.4	64	-0.8	1,220	671
Certified SY3	**109**	**17***	**105***	**18**	**118**	**29.5***	**68**	**11.6***	**(62)**	**7.90**	**9.70**	**30***	**1.1***	**1.50**	**133***	**(0.8)**	**1003***	**650***
Calibration Standard STM1	12.5	3.60	8.9	1.5	8.0	1.4	4.4	0.69	4.3	0.61	28.0	18.6	2	0.4	57	-0.4	31.2	9.0
Certified STM1	**12.6***	**3.6***	**9.5***	**1.55***	**8.1***	**1.9**	**4.2***	**0.69**	**4.4***	**0.60**	**28***	**18.6***	**3.6***	**0.26**	**17.7***	**0.13**	**31***	**9.06***
Calibration Standard IFG1	0.4	0.40	0.7	0.1	0.9	0.2	0.7	0.10	0.6	0.10	-0.2	0.2	221	-0.1	-5	-0.4	-0.1	-0.1
Certified IFG1	**0.4***	**0.39***	**0.74***	**0.11***	**0.8***	**0.2***	**0.63***	**0.09***	**0.6***	**0.09***	**0.04**	**0.2**	**220**	**0.02**	**4**		**0.1**	**0.02**


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REPORT ON THE 2005 DIAMOND DRILLING PROGRAM

Eby-Otto Property

Eby Township, Ontario, Canada

Larder Lake Mining Division

For

GLR Resources Inc.

2.30646

NTS 42A/1
Latitude: N 48° 04'
Longitude: W 80° 09 '

Dated at Kirkland Lake, Ontario on July 13, 2005

Julius Hava P.Geo. (ON)

SUMMARY

The Eby-Otto property, a contiguous, unpatented, 2 claim unit (unsurveyed, 32 hectare/ 79 acre equivalent) is located on Trans Canada Highway 11, 17 kilometres west and south of the town of Kirkland Lake, Ontario. The eastern boundary of claim L1167172 is adjacent to Otto Township. – this distinguishes the project from GLR Resources Inc.'s other properties in Eby Township. GLR Resources is the present and sole holder of mineral rights on a claim area that has seen exploration work (largely for gold) since the early 1900's.

Regionally, the Eby-Otto property is located in the 2.75 to 2.67 billion year old Abitibi Subprovince- a geological domain located at the southern margin of the Archean-aged, Superior Province. Granite-greenstone-gneissic rocks dominate this mineral-prolific area – the largest exposure of its kind in the world. Mineralization broadly includes lode gold, volcanic associated, massive base metal sulphide (VMS), komatiite-associated nickel-copper-platinum group elements and iron formation. Drilling in 2004 by the company was undertaken to evaluate potential for volcanic associated massive base metal sulphides. Results were below expectations.

A deeper hole in the current program once again tested an apparent NE-SW trend indicated by government airborne geophysical surveys. Distributions of semi-massive zinc or copper were encountered, but combined (Cu-Zn-Pb) metal content of these is once again low- <0.7% individually and <0.8% in combination. The best intersection obtained was at a vertical depth of around 250 m. An interval-weighted average of 0.2% zinc, 0.03% copper, 0.02% lead, 0.6 g/t silver and trace (5 ppb) gold was cut over a true-width of 2.7 m (8.6 m apparent drill interval).

A special effort to re-interpret available information now suggests that mineralization may be conformable to folded lithology. The drilling pattern appears to have cut upper portions of an interpreted, south-trending syncline limb. This may explain the marginal results obtained to date. Nevertheless, there are many characteristics associated with volcanic-associated, copper-zinc type deposits.

Available data (geological, geophysical, geochemical) and copper-zinc model constraints limit possibilities for more favourable results. Some evidence and some room remains for mineralization potential at depths of 900 to 1400 m along a (north-plunging) synclinal trend. Geological mapping would be necessary to define and reconcile structures and lithologies before any other work is undertaken. A program of line cutting, sampling and mapping is therefore recommended with the purpose of evaluating any remaining potential.

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CERTIFICATE of AUTHOR

VOLUME 2

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TERMS OF REFERENCE

The author of this report was engaged by GLR Resources Inc. over the period of February 25 to the report date, to supervise, to advise and to report on the 2005 drilling programme for its Eby-Otto Project in Eby Township, Ontario. This project – a 502 m diamond drill hole- followed a 272 m hole drilled in 2004. The objective was to test mineralization at greater depths. Parallel objectives were to continue evaluations of favourable NE-SW trending geophysical anomalies and a zinc geochemical (peat) anomaly. The report has been prepared to meet the company's general reporting needs. Information contained has been based on first-hand observations by the author, on published, assessment file and company information as referenced in the appendix. The author- a resident of Kirkland Lake, Ontario at 67 Poplar Avenue, P2N 2M8- is the sole author and contractor for geological field and office work performed up to the report release date.

Units of conversion relevant to the project are listed in **Table 1**:

TABLE 1 Units of Conversion

SI Units	Imperial
Length	
1 mm	0.03937 in
1 m	3.28084 feet
1 km	0.621371 miles
Area	
1 ha	2.471054 acres
Mass	
1g	0.03215075 troy ounce
31.1034768 g	1 troy ounce

DISCLAIMER

Some referenced portions of this report rely on third-party, un-audited information. These include published books, papers, maps and assessment reports by scientific and technical authors who are not explicitly Qualified Persons in the context of geological practice. No warranty on the suitability or reliability of such information has been made by these authors. No warranty can be made by the present author on suitability of this information for the purpose of this report. A reasonable standard of care was taken to reference information of acceptable calibre. Description of mineral title is not offered as a legal opinion, but is supported by information provided by GLR Resources Inc.

PROPERTY DESCRIPTION AND LOCATION

The Eby-Otto property is a contiguous, unpatented, 2 claim unit (an un-surveyed, 32 hectare/ 79 acre equivalent) located in the northeast and southeast corners, north half of Lot 1 Concession 4, Eby Township (MNDM Mining Land Tenure Map, Plan M-0345). The closest town is Kirkland Lake, Ontario, Canada – 17 km to the northeast. The eastern boundary of claim L1167172 is adjacent to Otto Township- a feature that distinguishes the project from GLR Resources Inc.'s other properties in Eby Township. The administered area is within the District of Timiskaming, Larder Lake Mining Division and the Province of Ontario, Canada. Topographically it is situated in the southern and eastern portion of the National Topographic System 42A/1 quadrant, at latitude N 48° 04' and longitude W 80° 09'. **Figure 1** locates the project within the Province of Ontario. **Figure 2** locates the project in the Timmins-Kirkland Lake area of northeastern Ontario. **Figure 3** shows the project location with respect to surrounding mining claims in Eby and Otto Townships.

Staking of the property was recorded on January 8, 2002 in the name of George Daniel Harkin. Ownership was transferred to GLR Resources Inc. – the sole holder of mineral rights (Transfer of Unpatented Mining Claims, GLR Resources Inc. dated January 9, 2002). Mining rights and surface rights (none on record) are encumbered only by usual reservations of the Mining Act (sand and gravel, peat, road; non-applicable land under water, 400' margins around lakes and rivers). The anniversary date of the claim is January 8, 2007. There are no known environmental liabilities associated with this undeveloped, unoccupied prospect. A highway access permit was obtained from the Ontario Ministry of Transportation in January 2005 according to company records.

Known property workings and zones relative to property boundaries are outlined in **Figure 4a**.

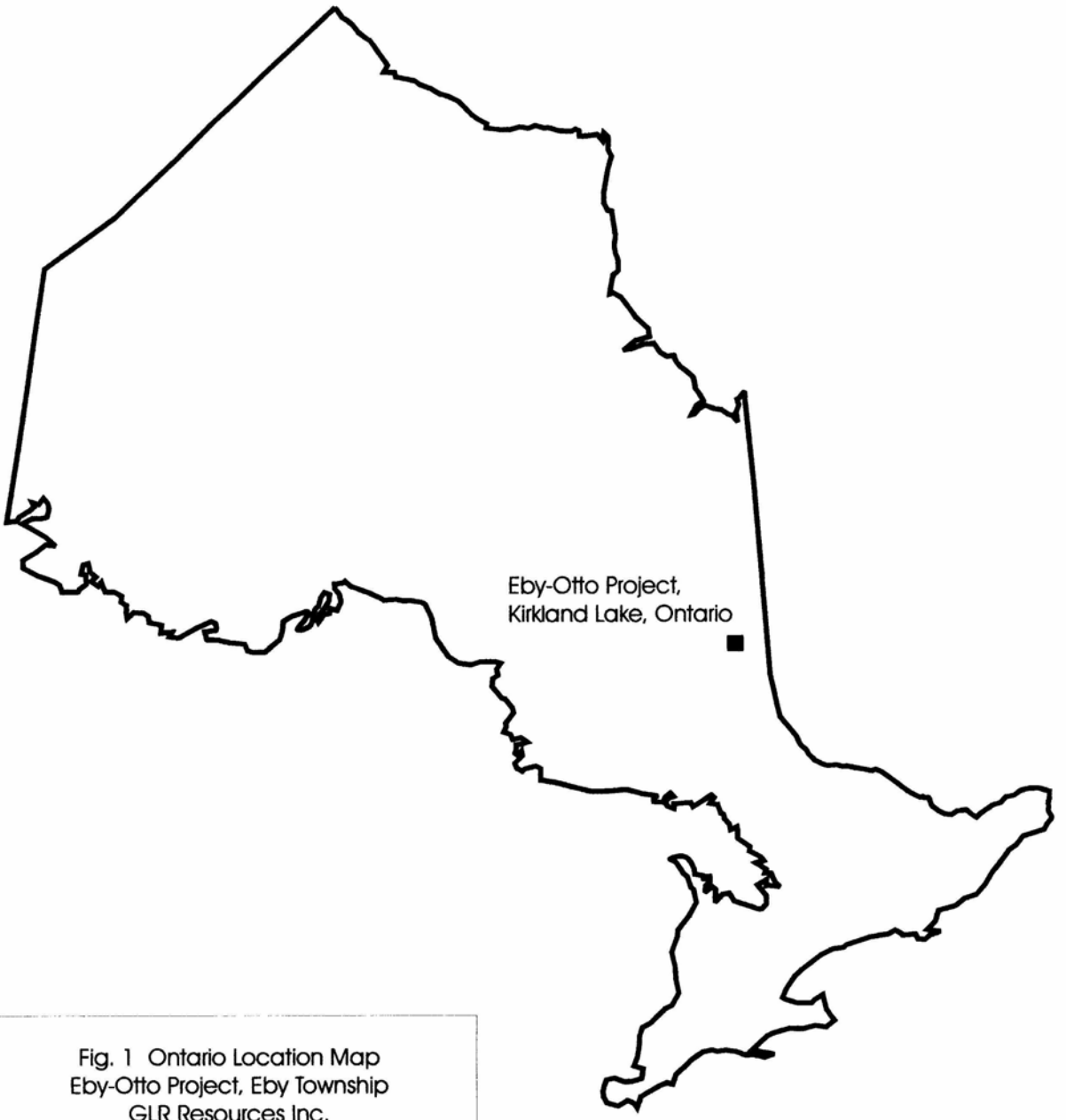


Fig. 1 Ontario Location Map
Eby-Otto Project, Eby Township
GLR Resources Inc.

Claim: 1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming, Mining Div.: Larder Lake
Kirkland Lake area, Ontario, Canada
Page:3 dwg: P01 By: Julius Hava date: July 12, 2005

J. Hava

Scale = 1: 10,000,000

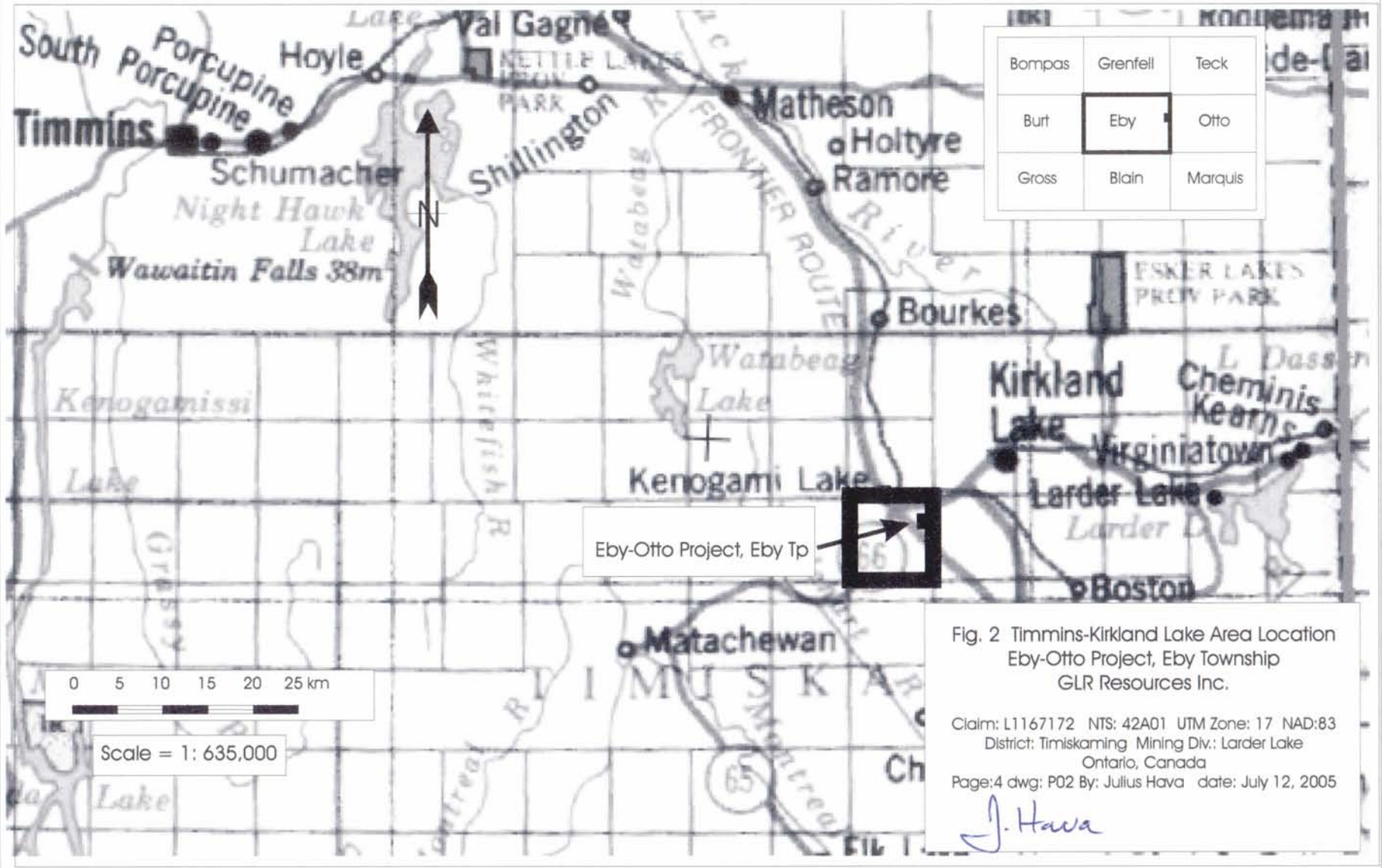


Fig. 2 Timmins-Kirkland Lake Area Location
Eby-Otto Project, Eby Township
GLR Resources Inc.

Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Page:4 dwg: P02 By: Julius Hava date: July 12, 2005

J. Hava

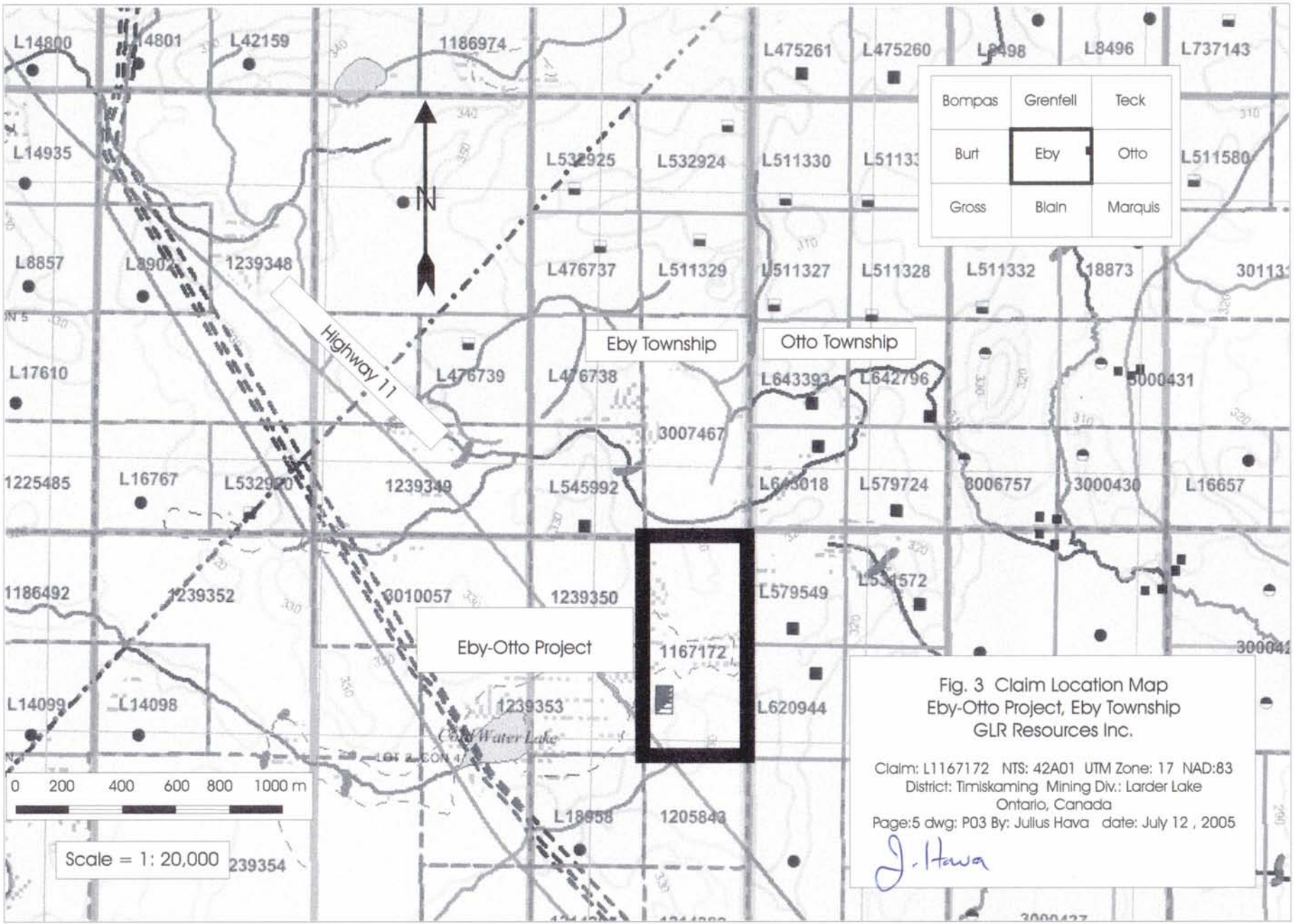


Fig. 3 Claim Location Map
Eby-Otto Project, Eby Township
GLR Resources Inc.

Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Page:5 dwg: P03 By: Julius Hava date: July 12 , 2005

J. Hava

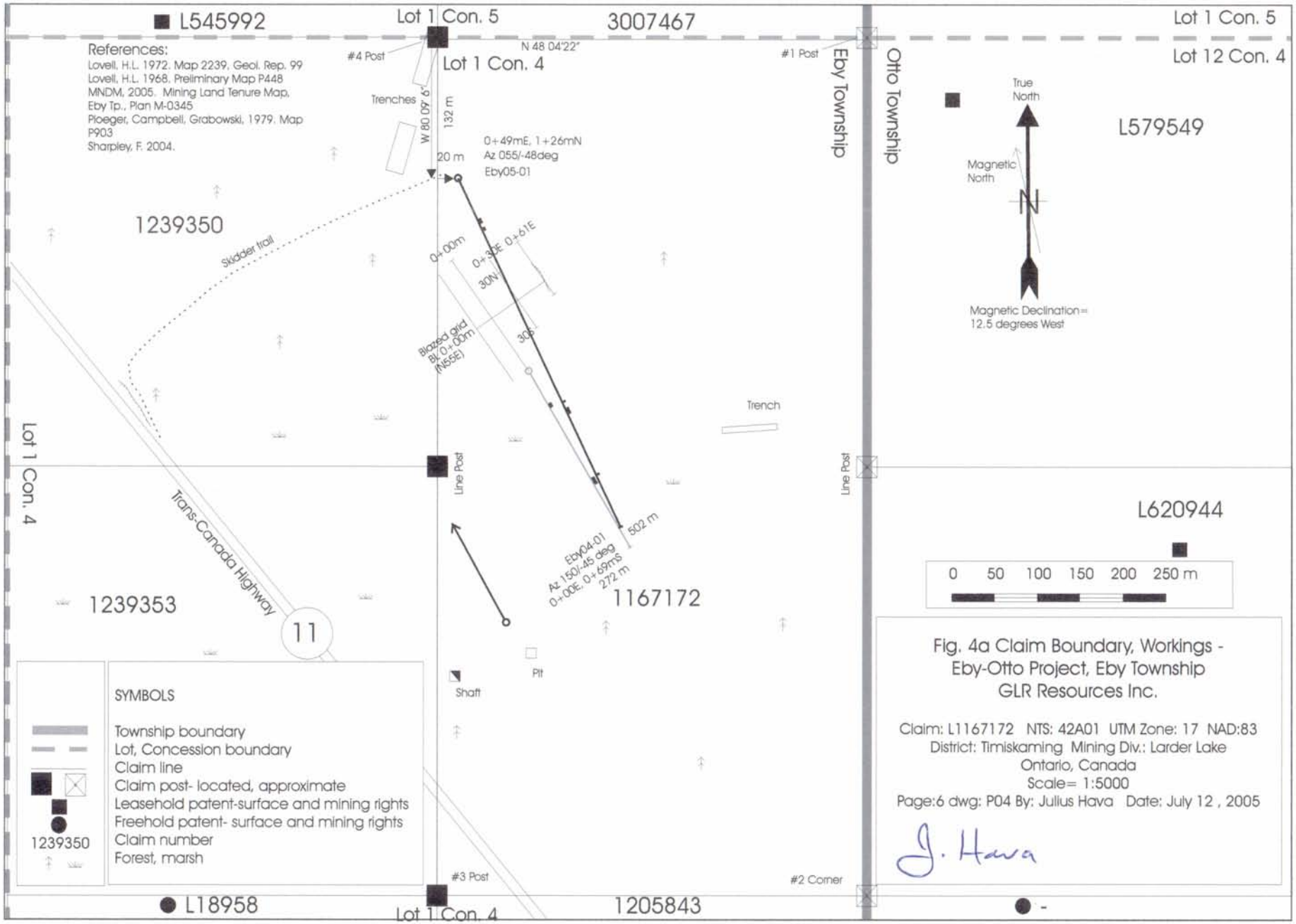


Fig. 4a Claim Boundary, Workings - Eby-Otto Project, Eby Township
GLR Resources Inc.

Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Scale= 1:5000
Page:6 dwg: P04 By: Julius Hava Date: July 12 , 2005

J. Hava

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Eby-Otto project is located on Trans Canada Highway 11, 17 kilometres west and south of the town of Kirkland Lake, Ontario- the major service provider in the area. The distance from the junction of Highway 11 and Highway 66 (which passes through Swastika and Kirkland Lake, Ontario) to the project location is 3.7 km south. Otto Township Road No. 2 joins with Highway 11 a further 1.5 km south.

Closest rail access is at Kenogami Lake Station near the junction of Highways 11 and 66. Bus, airport, and (newly expanded 30 megawatt, 130 megawatt peak) power facilities are available in Kirkland Lake. A trans-Canada natural gas line parallels Highway 11 (within 1 km in the area of the property) and branches to service the town and mining infrastructure of Kirkland Lake. Water supply for the municipality is drawn from Gull Lake only 1.5 km east of town centre. Smaller and larger sources of water, Cold Water Lake (across the highway) and Kenogami Lake (4 km northwest) are available. Kenogami Lake, however, is a popular recreational area. Unoccupied lowland areas, within a 3 km radius and with limited drainage to the south and west, would likely provide adequate space for any conceivable processing operation.

A winter trail from Highway 11 was utilized for early drilling. A skidder trail from higher ground west and north of the claim provided access in the second phase of drilling and year-round access to the 2005 drill setup location.

As an historic mining area, Kirkland Lake is fully serviced for any stage of mining development. Mining and related service personnel continue to form a large part of the 10, 000 population of Kirkland Lake. The mill complex of Kirkland Lake Gold Inc. is the nearest facility for treatment of gold ore. Timmins, Ontario hosts zinc and copper metallurgical plants with capacities of 150 000 tonnes per year (tpy) of copper and 150 000 tpy of zinc. Zinc ores and concentrates are drawn largely from the Kidd Creek copper-zinc mines (No. 1, 2, 3). Falconbridge Limited, also processes copper concentrates from Sudbury, from South America (Collahuasi Mine); from Selbaie, Quebec and from custom suppliers. With production of 120 000 t of copper (anode, blister) and 120 000 t of refined zinc, remaining capacity could accommodate local mine feed. Ore production from the Kidd Creek mine has recently been around 2 million tonnes annually with grades of 2.1% copper, 5.0% zinc. Ores contain appreciable amounts of silver (62 g/t, ultimately sold as silver anode slimes), cadmium and indium (sold as refined metal). (Source: Falconbridge Limited).

Located in the Abitibi Upland area of the Precambrian-aged, Canadian Shield (Thurston, P.C. 1991), the climate in the Kirkland Lake area varies with temperature averaging 7.5°C and ranging from a daily minimum of –23°C (January monthly) to the daily maximum of + 24°C (July monthly). Extreme ranges of temperature are also recorded by Environment Canada as –47° to +39°C. Mining operations in the area are continuous throughout the year.

Elevation varies from 310 to 320 m on the property (Natural Resources Canada, 2001; GPS measurement). Typical forest cover of black spruce, balsam fir, tamarack, poplar and birch blanket unoccupied ground. Marshy ground forms a large part of the claim (peat and thinly represented black spruce) and underlies drill setups in 2005 and 2004. This drains to the small water body, Cold Water Lake, across Highway 11.

HISTORY

Table 2 sets out a summary of the property history while **Figure 4a** locates known workings relative to the claim area. There is no record of any production from this property. Pits, trenches and a shallow shaft (fenced) appear to have been added around 1956 with gold values reported (to 0.2 oz/ton, Carmichael, 1990). In 2004 GLR Resources conducted a soil and vegetation geochemistry survey (S. Nadeau, 2004); a VLF-EM survey (internal company file) and drilled a 272 m hole. The objective was to test for mineralization associated with airborne conductors and soil/vegetation chemical anomalies (F. Sharpley, 2004). Airborne geophysical survey information, results from (1994) diamond drill hole Eby04-01 and the zinc geochemical anomaly (in peat) are added in **Figure 4b**.

TABLE 2 Known Property Histories

Year/Record	(North ½, S ½) *		Known Exploration, Ownership
<1917		9116	W.J. Wilker, Cobalt, ON
<1917	12614		
1921		14276	W.J. Wilker, Cobalt, ON, restaked 9116
1923	18448	-	F.A. Sturgeon, Haileybury, ON, restaked 12614
1923-30	16135	15524	
1923-30	16135	15524	
1923-30	16529	17014	
1923-30		17307	
1931	-	23842	F.A. Sturgeon, Haileybury, ON
1934	26909	26910	W.J. Adair, Haileybury, ON
1943	26909	26910	
1945	26909	-	
1949	-	-	
1952	58378	58381	W.A. McLellan, Swastika, ON
1956	60613	60614	M. Ahola, trenches, shaft
1958	60613	60614	Patented, mining rights only
1961	60613	60614	
1976	60613	60614	
1980	60613	60614	
1983	60613	60614	
1984	802123		Fernand Rivard
1984		802128	Wilson Sinclair
1985	802123	802128	Fernand Rivard
1986	891907		Fernand Rivard
1987	891907	891909	Butte Canyon Resources Incorporated
1988	891907		Mag., EM, VLF-EM, Geol surveys?
1989	891907	891909	Fernand Rivard
1990	891907		
1992	-	-	
1997-1999	1206298		Douglas Raymond Robinson
1997-1999		1217420	J.D. Horne & Associates
1999-2001	1226099		Patrick J. Harrington
1999-2001	1239009	1239009	3652378 Canada Inc.
2001	-	1239009	
2002	1167172	1167172	George Daniel Harkin
2004	1167172	1167172	soil/veg. geochemistry, diamond drilling (GLR Resources Inc.)

* N ½, NE and SE corners of Lot 1 Concession 4, respectively

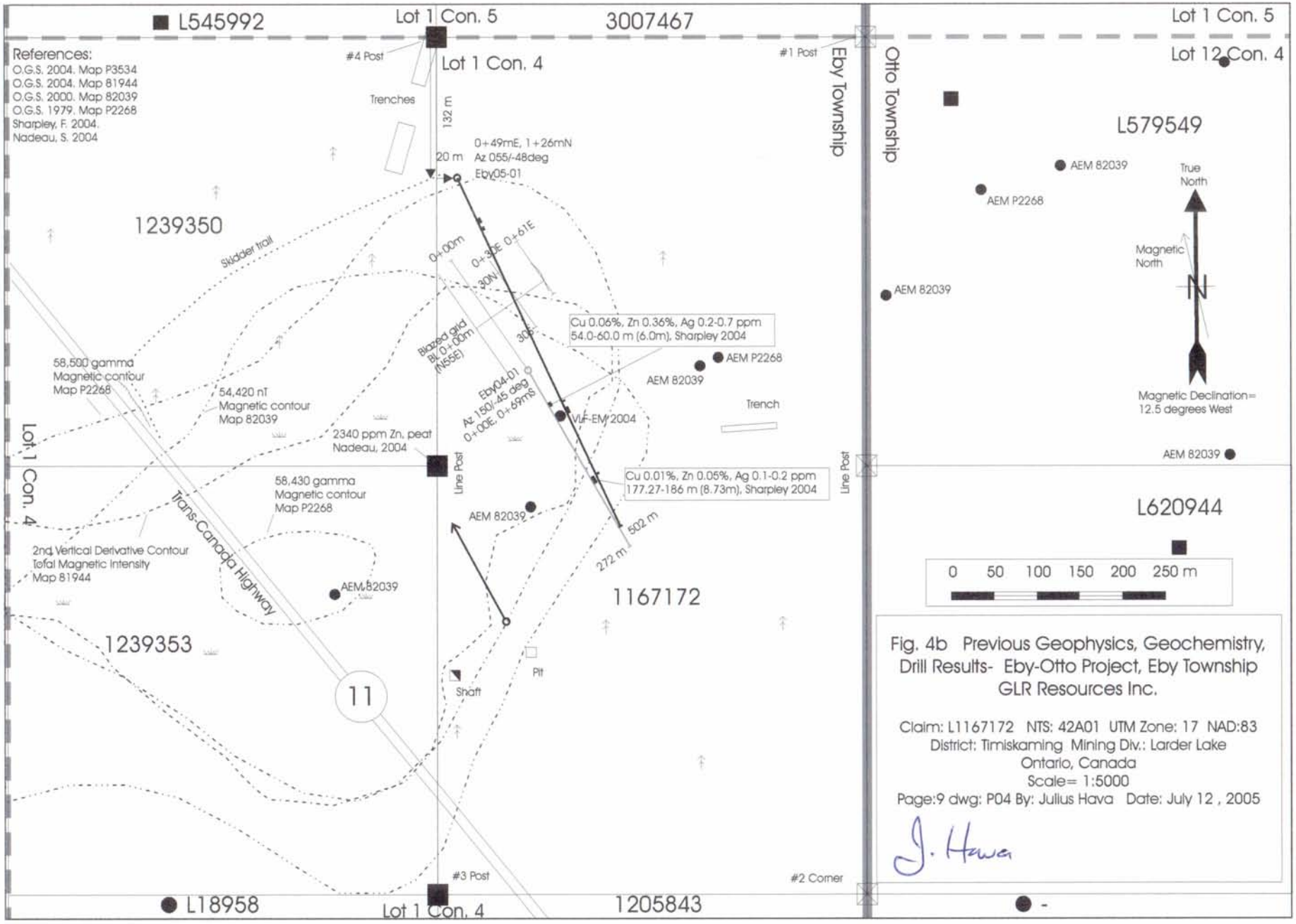


Fig. 4b Previous Geophysics, Geochemistry, Drill Results- Eby-Otto Project, Eby Township
GLR Resources Inc.

Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Scale= 1:5000
Page:9 dwg: P04 By: Julius Hava Date: July 12 , 2005

J. Hava

GEOLOGICAL SETTING

The Eby-Otto property is located in the 2.75 to 2.67 billion year old Abitibi Subprovince- a geological domain located at the southern margin of the Archean-aged, Superior Province. Granite-greenstone-gneissic rocks dominate this mineral-prolific area – the largest exposure of its kind in the world. Older, metavolcanic rocks are unconformably overlain by generally younger metasedimentary rocks- both are typically intruded by intrusive batholiths of tonalite-trondjhemite-granodiorite composition. Development of regional faults and shearing in west, northwest, and northeast orientations; of earlier folds, thrust faults and intrusion related structures; and of later, thrust faults and steep reverse faults are important deformation events. Deformation, in turn, may be associated with some of the mineralization in the area. Mineralization includes lode gold; volcanic associated, massive base metal sulphide (VMS); komatiite-associated nickel-copper-platinum group elements; and iron formation.

A number of geological maps or compilations are available at varying scales for the property and surrounding region. **Table 3** and **Appendices I-V** outline potentially important lithology in the claim area. This is adapted to the Kirkland Lake area classification of Ayer and Trowell (2004). A special effort was made to reconcile the various interpretations for purposes of standardization, qualitative control and comprehensive interpretation. The grouping below is keyed with varying brackets against various interpretations in the appendices.

TABLE 3 Property Lithology

PHANEROZOIC

CENOZOIC

QUATERNARY

RECENT

Lake, stream, wetland deposits

PLEISTOCENE

Glacial, glaciofluvial and glaciolacustrine deposits; sand, gravel, clay

UNCONFORMITY

PRECAMBRIAN

Archean

Neoarchean

13 Alkalic Intrusive Suite

[13a] Syenite, monzonite, granite; syenite porphyry, mafic syenite, pegmatite, aplite, lamprophyre, albitite; aplitic syenite, feldspar porphyry, gneiss <7a,b,c>, {5c,d}, (10a,d,e,g,j,k,l,n,p,s), /6a,b,c/

[13b] Diorite, syenodiorite, monzogabbro, hornblendite (9a, b, f)

[10a] Diorite, gabbro, metagabbro; <4b> {4b} (8c?, 9f) /5/

Table 3 Property Lithology cont'd.

INTRUSIVE CONTACT

9a Peridotite, pyroxenite, serpentinite; phlogopite-amphibole lamprophyre? (8a,9e)

INTRUSIVE CONTACT

8 Timiskaming-Type Clastic Metasedimentary Rocks
8a Arenite- quartzite and greywacke {3c}
8b Wacke
8c Conglomerate <3a> {3a}
8d Mudstone, siltstone
8e Schistose-textured

7 Chemical metasedimentary rocks
7b Oxide facies (magnetite), (IF) <2b>
7c Sulfide facies
7d Silicate facies (chamosite); (5e) (IF) <2b>
7e Graphite facies

6 Clastic metasedimentary rocks (arenite, wacke, conglomerate, mudstone, siltstone, schistose)
6a Arenite- sandstone, quartzite and greywacke {3c} (5c)
6b Wacke (greywacke), (5a)
6c Conglomerate <3a> {3a} (5j)
6d Mudstone (argillite, siltstone) (5b) /4/

Alkalic Metavolcanic Rocks, Intrusions; Unconformable, Timiskaming Type
5a Massive flows <5c, d>
5b Porphyritic flows <5c, d>

Rhyolite (R)
4Ra Massive flows <2a> (4a)
4Rb Porphyritic
4Rc Ash tuff (4b) /4/
4Rd Lapilli tuff (4b) /4/
4Re Pyroclastic breccia, agglomerate; flow-top breccia /4/

Dacite (D)

4Da Massive flows <2a> (4a) /4/
4Db Porphyritic
4De Tuff, Pyroclastic breccia, agglomerate; flow-top breccia /4/
4Df Amygdaloidal and spherulitic dacite <1e>

Table 3 Property Lithology cont'd.

Andesite (A)

3Aa Massive flows (3l) <1a> {1a}
3Ab Porphyritic <1e> (3l)
[3c] Variolitic flows
[3f] Tuff, lapilli tuff, pyroclastic breccia, epiclastic (3f) /4/

Mafic Metavolcanics (chloritic- greenschist; actinolitic, epidotized, garnetiferous - amphibolites: tholeiitic)
2a Massive flows [2a] <1a> {1a} [2M] (2a) /1/
2b Pillowed flows [2b] {1a} [2M] (2b)
2c Ash tuff <1b> {1b} (2d) /1/
2d Lapilli tuff <1b> {1b} (2d) /1/
2e Pyroclastic breccia, agglomerate <1b> {1b} /1/
2i Variolitic flows [2c] (2f)
2j Amygdaloidal flows [2e]
2k Flow top breccia (2c)
2n Gneiss (2n)

Ultramafic (to Mafic) Metavolcanic Rocks/Intrusions (talcose; tremolitic: komatiitic)

1 Flows, unsubdivided [1a] [1b] [1c] [1B] [1K]

A general description of most of the rock units in **Table 3** was provided by Lovell, 1972. Metavolcanic rocks range in composition from basalt to rhyolite. These rocks grade from lower greenschist to almandine-amphibolite (felsic intrusive contact) metamorphic facies. Units are observed to be interlayered, lenticular and discontinuous along strike. The exceptions are more continous mafic or felsic tuffs and iron formation units.

Mafic metavolcanics include older, contact-metamorphosed mafic tuffs near the syenitic stock in Otto Township; overlying tuff, agglomerate; pillowed and massive basalt; and andesite in porphyritic, amygdaloidal and variolitic varieties. Typically these contain an assemblage of chlorite; secondary hornblende, actinolite, tremolite; sericitized and saussuritized albite; oligoclase and andesine feldspars; carbonate minerals; quartz; augite, biotite; magnetite, leucoxene and zircon. Pillow selvages are noted to contain epidote, chlorite, carbonate and (in some places) garnet. Closer to the alkalic (syenitic) stocks plagioclase and hornblende grains are enlarged. The proportion and size of augite also increase relative to hornblende. Gneissic rocks are found at the margin of the intrusive stocks.

Felsic metavolcanics are interbedded with the mafic metavolcanics. These range compositionally from rhyolite to dacite; and structurally, from flows to pyroclastic tuffs and agglomerates. Some rhyodacites are notably interbedded with chemical metasedimentary (iron-formation) facies. These include magnetite-chert; pyrite-pyrrhotite and "green, siliceous carbonate" varieties. The

iron formation north of the Otto Stock (south of the property) is traceable to Boston Township where the former Adams Iron Mine is situated.

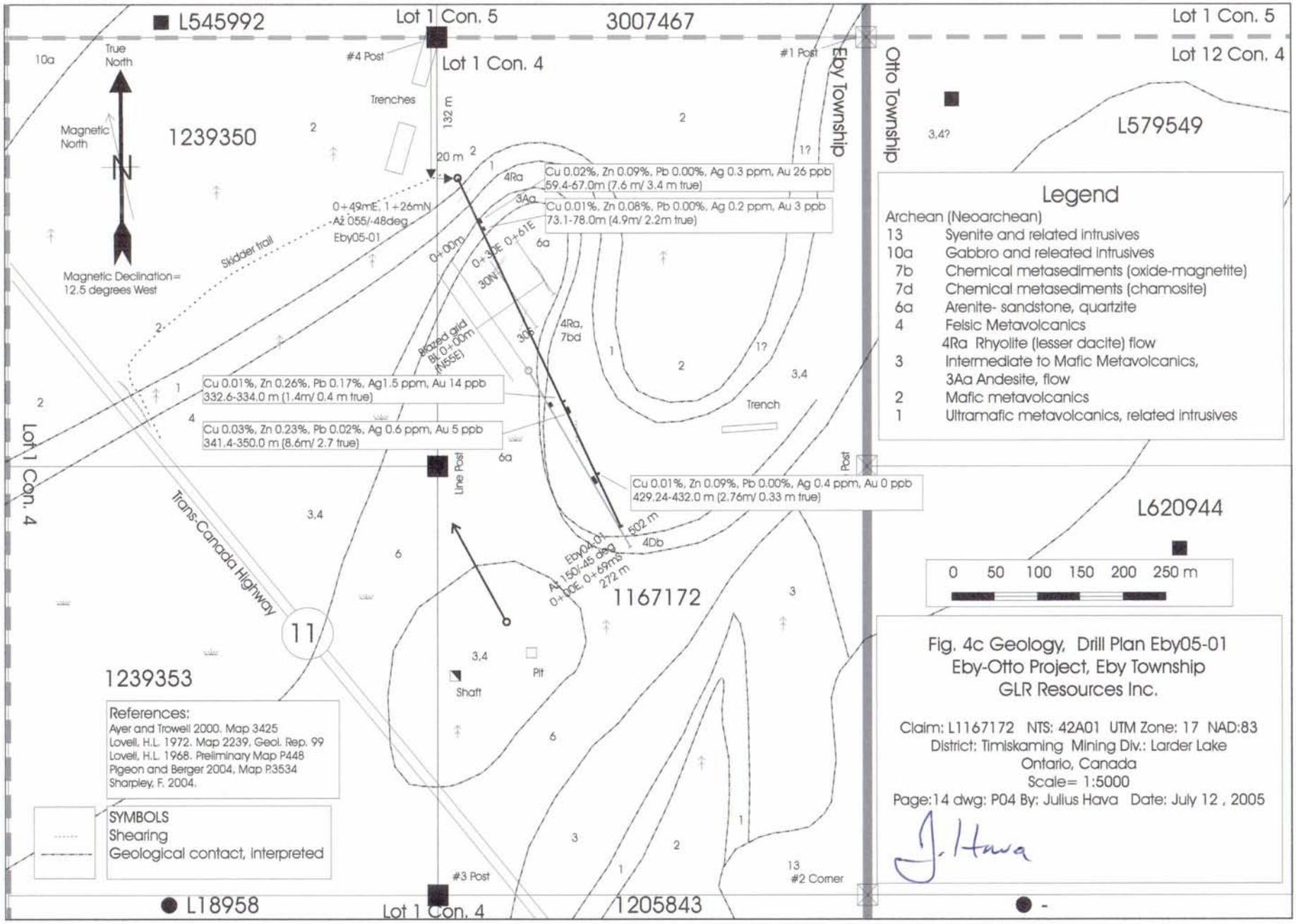
Metasediments described by Lovell are limited to "Timiskaming-type metasediments." These include conglomerate; quartzite and greywacke; trachyte, trachyte agglomerate and breccia. However, Lovell recognizes (as do others) that metasediments may be interbedded with the metavolcanics and may be more closely related. Distinction of metasediments from presumably altered felsic metavolcanics may not be clear either. Later mapping in the area of the property led to reclassification of felsic metavolcanics as metasediments (Pigeon and Berger, 2004).

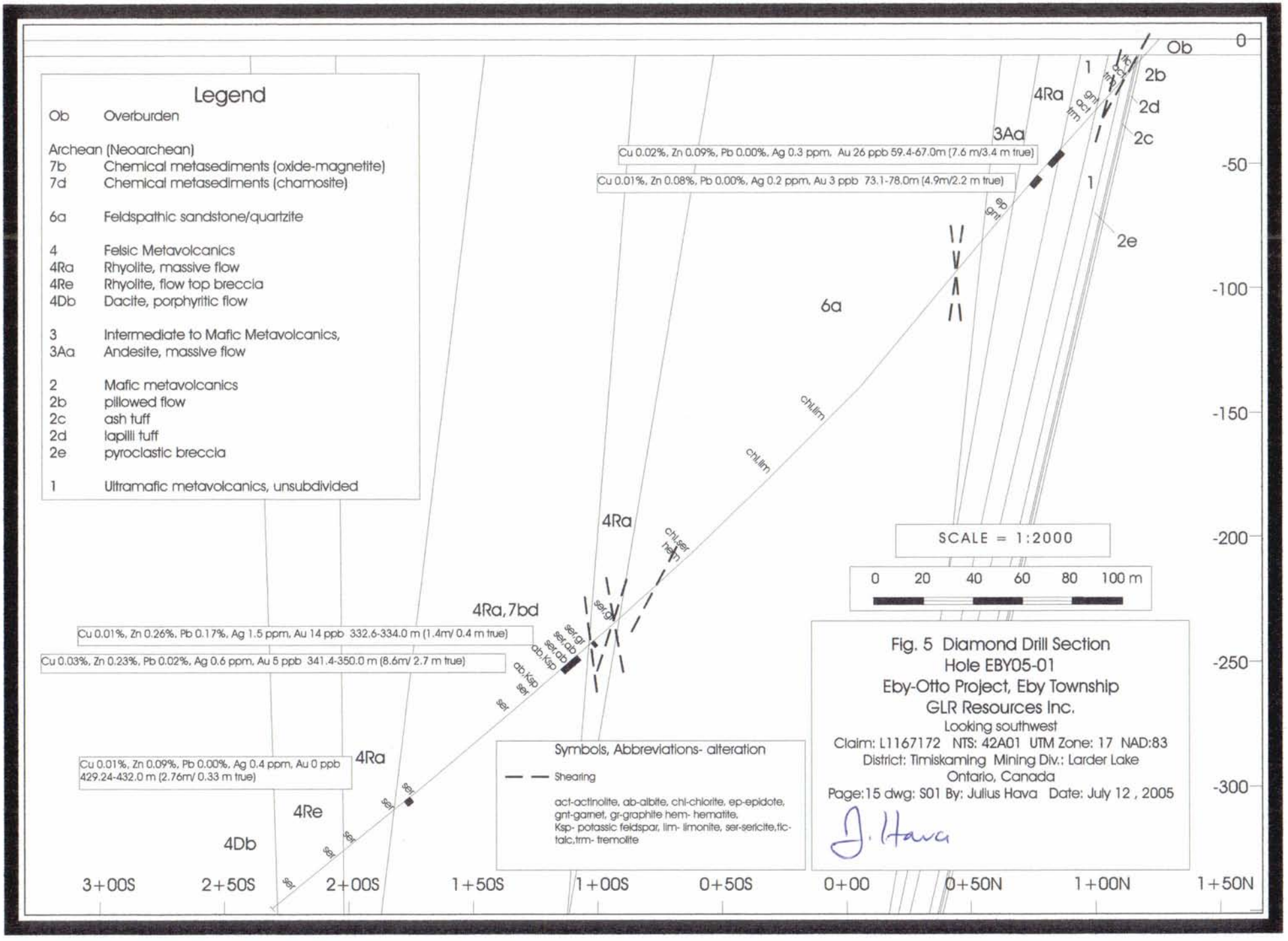
According to Lovell, early mafic and ultramafic intrusive rocks consist of intrusive stocks, dikes and sills – with some, likely related and mineralogically similar to flows. The largest occurrence of "Haileyburian-type" intrusive (later reclassified as early Precambrian/ Archean/Neoarchean) is an (intermediate) diorite stock in the northeastern part of Eby Township and adjacent to Otto Township. Greater recognition of gabbro, peridotite, pyroxenite flows and related intrusives appears to have grown in recent mapping.

The major intrusive impinging on property geology is the Otto Stock. Formerly believed to be a Proterozoic, alkalic intrusive, recent mapping classifies this syenitic intrusive as Neoarchean (older). The bulk of the stock is centred in Otto Township, but its margin forms an important contact south of the property. This relationship may be more important to alteration than the much larger Round Lake Batholith- a Neoarchean, quartz diorite-granite intrusive further to the south, west (and east). The latter intrusive is not classified above, but shows as Unit 12 in O.G.S. Map 3435.

Folding of Archean metavolcanics and metasediments has led to development of steep dips, of strikes generally conformable to the intrusive contacts and of *en echelon* synclines and anticlines. A prominent, north-striking fault offsets the western half of the Otto Stock relative to the eastern half- with displacement of 2.4 km. The Otto Stock features a ½ mile wide contact metamorphic aureole (garnet-epidote-amphibolite grade). Most of the shearing and schistosity in the area is believed by Lovell to be related to bedding and isoclinal folding. On the other hand, these features have not been reflected in mapping in the immediate vicinity of the property.

The previous regional and local geology review and the following classification offer some control for property-scale interpretation and drilling. **Figures 4c and 5** present the geological units (drilled, compiled and interpreted) in plan and in section, respectively. **Appendices VIII-XII** present summary and detailed drill logs, respectively. Specific units are described, compared or contrasted further.


L545992
Lot 1 Con. 5
3007467
Lot 1 Con. 5
Lot 12 Con. 4
Lot 1 Con. 4
#4 Post
#1 Post
Eby Township
Otto Township
True North
Magnetic North
Magnetic Declination= 12.5 degrees West
1239350
Trenches
132 m
20 m
0+49mE, 1+26mN
Az 055/-48deg
Eby05-01
Skidder trail
0+00m
0+30E 0+61E
30N
30S
Blazed grid BL 0+00m (N55E)
Cu 0.02%, Zn 0.09%, Pb 0.00%, Ag 0.3 ppm, Au 26 ppb
59.4-67.0m (7.6 m/ 3.4 m true)
Cu 0.01%, Zn 0.08%, Pb 0.00%, Ag 0.2 ppm, Au 3 ppb
73.1-78.0m (4.9m/ 2.2m true)
Cu 0.01%, Zn 0.26%, Pb 0.17%, Ag1.5 ppm, Au 14 ppb
332.6-334.0 m (1.4m/ 0.4 m true)
Cu 0.03%, Zn 0.23%, Pb 0.02%, Ag 0.6 ppm, Au 5 ppb
341.4-350.0 m (8.6m/ 2.7 true)
Cu 0.01%, Zn 0.09%, Pb 0.00%, Ag 0.4 ppm, Au 0 ppb
429.24-432.0 m (2.76m/ 0.33 m true)
Line Post
Post
Trench
Trans-Canada Highway
11
Eby04-01
Az 150/-45 deg
0+69mS
272 m
502 m
4Db
1167172
Shaft
Pit
1239353
L579549
L620944
L18958
1205843
#3 Post
#2 Corner
Lot 1 Con. 4
Lot 12 Con. 4
4Ra
3Aa
4Ra, 7bd
6a
4
3,4
3,4?
1?
2
1
3
6
13
0 50 100 150 200 250 m
Legend
Archean (Neoarchean)
13 Syenite and related intrusives
10a Gabbro and related intrusives
7b Chemical metasediments (oxide-magnetite)
7d Chemical metasediments (chamosite)
6a Arenite- sandstone, quartzite
4 Felsic Metavolcanics
4Ra Rhyolite (lesser dacite) flow
3 Intermediate to Mafic Metavolcanics,
3Aa Andesite, flow
2 Mafic metavolcanics
1 Ultramafic metavolcanics, related intrusives
References:
Ayer and Trowell 2000. Map 3425
Lovell, H.L. 1972. Map 2239, Geol. Rep. 99
Lovell, H.L. 1968. Preliminary Map P448
Pigeon and Berger 2004, Map P.3534
Sharpley, F. 2004.
SYMBOLS
Shearing
Geological contact, interpreted
Fig. 4c Geology, Drill Plan Eby05-01
Eby-Otto Project, Eby Township
GLR Resources Inc.
Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Scale= 1:5000
Page:14 dwg: P04 By: Julius Hava Date: July 12 , 2005
J. Hava


Legend
Ob Overburden
Archean (Neoarchean)
7b Chemical metasediments (oxide-magnetite)
7d Chemical metasediments (chamosite)
6a Feldspathic sandstone/quartzite
4 Felsic Metavolcanics
4Ra Rhyolite, massive flow
4Re Rhyolite, flow top breccia
4Db Dacite, porphyritic flow
3 Intermediate to Mafic Metavolcanics,
3Aa Andesite, massive flow
2 Mafic metavolcanics
2b pillowed flow
2c ash tuff
2d lapilli tuff
2e pyroclastic breccia
1 Ultramafic metavolcanics, unsubdivided
Cu 0.02%, Zn 0.09%, Pb 0.00%, Ag 0.3 ppm, Au 26 ppb 59.4-67.0m (7.6 m/3.4 m true)
Cu 0.01%, Zn 0.08%, Pb 0.00%, Ag 0.2 ppm, Au 3 ppb 73.1-78.0m (4.9m/2.2 m true)
Cu 0.01%, Zn 0.26%, Pb 0.17%, Ag 1.5 ppm, Au 14 ppb 332.6-334.0 m (1.4m/ 0.4 m true)
Cu 0.03%, Zn 0.23%, Pb 0.02%, Ag 0.6 ppm, Au 5 ppb 341.4-350.0 m (8.6m/ 2.7 m true)
Cu 0.01%, Zn 0.09%, Pb 0.00%, Ag 0.4 ppm, Au 0 ppb 429.24-432.0 m (2.76m/ 0.33 m true)
Symbols, Abbreviations- alteration
Shearing
act-actinolite, ab-albite, chl-chlorite, ep-epidote, gnt-garnet, gr-graphite hem- hematite, Ksp- potassic feldspar, lim- limonite, ser-sericite,tic-talc,trm- tremolite
SCALE = 1:2000
0 20 40 60 80 100 m
Fig. 5 Diamond Drill Section
Hole EBY05-01
Eby-Otto Project, Eby Township
GLR Resources Inc.
Looking southwest
Claim: L1167172 NTS: 42A01 UTM Zone: 17 NAD:83
District: Timiskaming Mining Div.: Larder Lake
Ontario, Canada
Page:15 dwg: S01 By: Julius Hava Date: July 12 , 2005
J. Hava
3+00S
2+50S
2+00S
1+50S
1+00S
0+50S
0+00
0+50N
1+00N
1+50N
0
-50
-100
-150
-200
-250
-300

Mafic Metavolcanics

Mafic metavolcanics were intersected in short intervals at the top of drill hole Eby-05-01. These included pillowed flows and a range of pyroclastics- lapilli tuff, ash tuff and breccia. Pillowed flows (8.60 – 11.00m) are dark green (chloritic) with chlorite-quartz-epidote selvages. Lapilli tuff varied in colour from dark green to dark grey with grey lapilli. This thin unit (11.00-13.80 m) grades to ash tuff. Underlying this is the ash tuff (1.1 m)- a dark green to greyish and finely laminated unit. A pyroclastic breccia (14.90-22.50 m) with dark green (chloritic) matrix, with grey to cream-coloured rhyolite and andesite bombs; and with lesser lapilli completes the volcanic sequence. These appear to correlate with the upper, younger pyroclastic-to-flow units of Lovell (1972). The andesitic bombs may be derived from andesite flows in Lovell's sequence. In 2004, Eby04-01 intersected 16 m of "silicified basalt" (massive,flow with silicic, epidote, and garnet alteration) from 256.80-272.0 m (end of hole). The description (medium grey color, silicified) and location suggests that the unit is probably a dacite unit (discussed later).

Ultramafic Metavolcanic, Related Intrusives

A thicker, ultramafic unit was cut from 22.50- 59.40 m. Alteration (from talcose to tremolitic-actinolitic; some phlogopite and garnet) indicates that the unit is relatively magnesian. It appears to be metamorphosed and altered by the same conditions as the mafic metavolcanics. This suggests a conformable volcanic flow rather than a separate intrusive unit (i.e. no contact metamorphic effect notable in the overlying mafic metavolcanics). The rock is dark grey in more talcose sections and becomes white and green - increasingly banded with tremolite and actinolite down the drill hole. Graphite accompanies all of these variations in the rock.

Mapping by the OGS (Pigeon and Berger, 2004) provides some evidence that this unit (or at least some units of ultramafic composition- units 8, 9 of Map 3435) might be traceable to the northeast. With folding and increased elevation it is also traceable into the Otto Stock to the south. The unit was located west of the drill hole at Highway 11. Here it is in contact with pillowed mafic metavolcanic and felsic metavolcanic units and features a tremolite-actinolite assemblage. South of current drilling and at the Highway 11 rock cut, a tremolite-actinolite altered and epidote-albite seamed unit is recognizeable between a porphyroblastic andesite and amphibolitized mafic volcanic.

Rhyolite

A black to light grey, flow-banded rhyolite underlies the ultramafic unit. The 40 m interval (59.40-89.90) may be contiguous with some rhyolitic units intercepted at a deeper level (318.7- 497.6 m). Diversity in the southerly limb is notable. Sub-units include aphanitic flows, porphyritic flows and flow breccia. In-themselves, more effusive or explosive variations as these may not necessarily be distinctive or continuous enough to separate these as units. More distinctive are bands of olive-coloured chamosite with magnetite (magnetic). These are not featured in the upper limb rhyolite. Finally, an ultramafic (actinolite-tremolite) inclusion at 405.9-406.4 m appears to be a xenolith- and therefore an indication that the southern limb rhyolitic unit shares the same lower ultramafic contact, stratigraphic horizon and origin as the upper limb flow. Alignment with the drill direction could explain the greater apparent thickness of the lower rhyolite intercept.

Drilling in 2004 encountered, as the major unit in 272 m, a felsic tuff and fragmental (breccia). Whole rock indicators (aluminum/titanium ratio, elevated Eu, Sharpley 2004) indicate that the altered unit has an original rhyolite to dacite composition. Light, medium and dark grey banding and sericitization appear to correlate with the rhyolite unit in Eby05-01- albeit with a higher pyroclastic content.

Lovell (1972) identifies felsic volcanics that range from dacite to rhyolite (or rhyodacite) for the township. These units are mapped to the southwest and to the east of the project area. To the south, felsic volcanics of Lovell are reclassified as metasedimentary units in the more recent Map 3534 (discussion to follow). This is also the case for some of the southwestern and eastern extensions of Lovell's felsic volcanic unit.

Within the felsic volcanics, pyroclastic tuff and agglomerate are dominant, according to Lovell. In contrast, Eby05-01 cut more effusive (stratigraphically lower, flow and lesser flow-breccia) equivalents. The shared indicators appear to be the presence of magnetite and green siliceous ("carbonate") rocks. The present author correlates this unit with the chamosite-rich banding and (together with Lovell) with a wider distribution of iron-formation (in various oxide, sulphide and chert facies). This occurs from Eby to Otto and to Boston Township – the location of the former Adams Iron Mine. Other green carbonate or carbonatized rocks discussed by Lovell form strata within the felsic volcanics or have "intrusive characteristics". The possibility that these "green" "carbonatized" units have an ultramafic origin is suggested by the present author. Drilling indicates that there is a close relationship between felsic and ultramafic units (and xenolith).

Andesite

A narrow, 20 m, possibly discontinuous andesite flow was cut below (but stratigraphically above) the upper rhyolite intercept. The unit is banded, dark green-pistachio green. The latter colouration likely reflects increased epidote alteration (v.s. seriticitization in rhyolite). An original feldspar content with higher calcium proportion (an essential epidote component) is indicated. As in the rhyolite unit, minor tremolite-actinolite rich relicts (xenoliths) were observed. In some narrower sections, seams and bands of tremolite-actinolite (green-white coloured) are also notable. Andesite has been aggregated in previous mapping with mafic to intermediate or felsic to intermediate rocks- a situation that makes it difficult to assess the continuity and wider presence of this unit.

Andesite appears to stratigraphically correlate with an upper intercept of mafic to intermediate rock (light to dark greenish-grey, "tuff, fragmental", 31.86-45.00m) in Eby04-01. Lovell (1972) identifies a gabbroic unit to the south and classified it as a diabase of Archean age. On closer examination by the present author, the exposure on the Highway 11 rock cut appears to be a porphyroblastic equivalent of the andesite unit (unusually large plagioclase feldspar clots). These features may be consistent with the high grade of metamorphism in the location. It is notably found between amphibolitized sedimentary and tremolitic-actinolitic and epidote-albite-seamed, equivalents of the ultramafic volcanic.

Dacite

The deepest volcanic unit cut by Eby05-01 is light greenish-grey, dacite porphyry. The unit has fine, white feldspar phenocrysts and lesser fine, black phenocrysts (amphibole).
Dacite is also distinguished from the rhyolite metavolcanic as a softer, more easily scratched rock. This metavolcanic is again aggregated and untraceable in published maps. As mentioned previously, it may correlate with the "silicified" basalt cut at the bottom of hole Eby04-01. A thin layer of dacite in rhyolite flow breccia suggests that metre-by-metre variation is likely with this unit.

Feldspathic Sandstone-Quartzite (Clastic Metasediment, Arenite)

A wide (109.2-318.70 m) intersection of feldspathic sandstone-quartzite (with varying hardness and recrystallization) represents the youngest unit and the unit overlying andesite-dacite and rhyolite stratigraphy. This rock is brownish to greenish grey. In smaller sections it may simply be greyish without a colour cast; reddish (with hematite colouration); or rusty (with limonitic colouration). Lithic clasts (older rhyolite, still older mafic metavolcanics) and feldspar clasts are both found in this bedded unit, although the greater proportion of the latter classifies it as a feldspathic sandstone (subarkose). The detrital matrix is less than 15%.

Lovell (1972) mapped conglomerate, quartzite and greywacke in Eby Township as Timiskaming and Keewatin metasediments ("probably closely related"). He found a single occurrence of conglomerate near the drill location. While a quartzite or sandstone unit is not specifically described by Lovell, references in Geological Report 99 describe conglomerate - like the sandstone-quartzite unit- contains clasts of rhyolite and greenstone (mafic metavolcanic).

O.G.S. Map 3534 (Pigeon, Berger *et al*, 2003) provides much more evidence of a continuous, and wide metasedimentary unit in the area of Eby05-01. The unit is well represented to the southwest and northeast, across Eby Township and beyond. This rock has been reinterpreted to a large extent from Lovell's felsic metavolcanics. Sub-units in the vicinity of the project include wacke, sandstone (?5c, not listed); chert; tuffaceous and feldspathic, clastic metasediments (fine- to medium-grained); amphibolitized and recrystallized metasedimentary rocks. A metasedimentary amphibolite was observed by the author at the Highway 11 rock cut, south of drilling. This was found between porphyroblastic andesite and felsic to intermediate volcanic tuff.

A thicker metasedimentary unit was not detected in the previous drill hole (Eby04-01). This may be due to the position of the collar with respect to folded stratigraphy. Nevertheless, the top of the drill hole (24.06 – 31.86 m) cut a dark to light, greenish grey rock with pink feldspar and with minor ("lapilli-sized") clasts (syenite porphyry). This description is suggestive of the altered (chloritized) metasediment observed in the current drilling. Notably, the unit below contains argillaceous bands – the first specific reference to sediments in the drill log. Another "possible greywacke conglomerate" was noted for in the 114.5-132.0 m interval. This at least shows some stratigraphic consistency with the metasediment-volcanic contact indicated in current drilling.

Whole Rock Analyses

Table 4 and **Appendix VI** present the results of whole rock analysis for selected, least altered samples from Eby05-01. The units are categorized by their unit numbers, by descriptions and by best-fit reference groups of Grunsky *et al* 2002. Values of the reference group were compared with specific analyses. Shaded numbers indicate a close match with the median values of the reference groups on the basis of silica alone – to control this first. For andesite, the minimum % SiO_2 value appears to be a closer control. Silica analyses from Eby04-01 ranged from 61.78%-69.18% - a range that could fit within a broad dacite-rhyolite compositional range (minimum 61.70%, maximum 77.89% for calc-alkalic dacite and tholeiitic rhyolite, respectively).

TABLE 4- ICP Whole Rock Assays, Eby05-01, Eby-Otto Project

Sample	62307	62301	62330	62457	62412	62338	Min.	Median	Max.
%									
SiO2	46.48	50.62	49.87	67.06	73.01	61.01	46.48	**50.62**	73.01
Al2O3	10.91	13.16	11.56	12.32	0.74	15.49	0.74	11.56	15.49
Fe2O3	9.71	10.84	11.51	4.89	20.55	4.19	4.19	9.71	20.55
FeO									
CaO	6.77	8.83	12.12	2.37	1.76	4.13	1.76	4.13	12.12
MgO	13.53	7.57	8.05	2.80	1.96	3.39	1.96	3.39	13.53
Na2O	1.99	3.15	1.98	2.44	0.07	5.64	0.07	1.99	5.64
K2O	0.56	0.86	1.19	3.74	0.06	2.68	0.06	0.86	3.74
TiO2	0.65	0.99	0.69	0.53	0.03	0.50	0.03	0.53	0.99
MnO	0.17	0.24	0.28	0.09	0.29	0.06	0.06	0.17	0.29
P2O5	0.16	0.10	0.33	0.06	0.09	0.16	0.06	0.10	0.33
LOI	8.75	2.46	1.96	2.72	0.26	1.08	0.26	1.96	8.75
Subtotal	99.68	98.82	99.54	99.02	98.82	98.33			
Other	0.22	0.17	0.27	0.22	0.03	0.22			
Total	99.90	98.99	99.81	99.24	98.85	98.55			
Na2O+K2O	2.55	4.01	3.17	6.18	0.13	8.32	0.13	3.17	8.32
from (m)	22.5	9.0	108.2	498.6	398.0	144.0			
to	23.5	10.0	109.2	499.6	399.0	145.0			
Unit	1	2b	3Aa	4Da	4Ra	6a			
Rock Type	Ultram. Volcanic	Mafic Volcanic	Andesite	Dacite	Rhyolite	Feldspathic Sandstone			
Reference	KUOM	THBA	THAN	CADA	CARH	Hava, 2005			
Group	Ultram.	Tholeiitic	Tholeiitic	Calk-alk	Calk-alk	Greywacke			
Grunsky et al, 1992	Komatiite median	Basalt median	Andesite minimum	Dacite median	Rhyolite median	mean			
SiO2	47.54	50.60	48.83	66.95	72.25	60.61			
Na2O	0.19	2.33	2.08	4.66	4.88	4.39			
K20	0.03	0.17	0.03	1.30	1.63	2.08			
Na2O+K2O	0.22	2.5	2.11	5.96	6.51	6.47			

It is interesting that two analyses from the previous drill hole (12519, 12612, felsic tuff) have silica proportions close to the feldspathic sandstone analyzed below (61.78, 62.27 %SiO_2, respectively). Mean values from greywacke analyses at GLR Resources' Hurd-McCauley project in Teck Township (Hava, 2005) are included for comparison. SiO2 and Na2O+K2O values are not greatly different from a metasediment widely characterized as "Timiskaming Type". In any case this unit is chemically distinct from the metavolcanics at Eby-Otto.

The proportion of K_2O+Na_2O appears to be enriched for ultramafic, mafic and intermediate rock, strongly deficient in rhyolite and as expected for dacite. This may reflect the influence of the syenitic Otto Stock. Dacites are closest to trachyte, the extrusive equivalent of syenite in Total

Alkali and Silica TAS diagrams (LeMaitre, 1968). Na_2O is specifically enriched in the ultramafic and mafic volcanic, as expected for andesite and deficient in dacite - silica being fixed as mentioned. Rhyolite is also strongly deficient in Na_2O. High iron may indicate an "iron-formation" component. If comparison with greywacke is allowed, the feldspathic sandstone is possibly enriched in both Na_2O and K_2O.

Alteration and Metamorphism

Lovell (1972) has described the quartz-syenite / syenite / nepheline syenite Otto Stock – a major alteration and metamorphic influence on local and property geology. The northern contact (and closest contact to current drilling) has the best developed contact metamorphic aureole- ¼ mile (400 m) in width. Closest to the intrusion are gneisses (some with nepheline, nepheline syenite). Syenitic rocks in Eby and adjacent townships are generally composed of 80-90 percent feldspar (dominantly microperthite- an albite and microcline exsolution, unaltered) as well as interstitial quartz, pyroxene, amphibole and accessories (apatite, sphene, zircon and magnetite). Country rocks in the stock include Archean volcanic and sedimentary rocks. Among these, tremolitic inclusions appear to indicate "basic flow rocks".

Typical mafic volcanics contain proportions of chlorite; secondary hornblende, actinolite, tremolite; sericitized and sassuritized feldspars, carbonates; quartz; augite; biotite and accessories. Pillow selvages may contain epidote and garnet also. Felsic metavolcanics may contain carbonate/carbonatized rock and epidote. Alteration of metasedimentary rocks is not described by Lovell, but contained references indicate that greywacke units may be carbonatized and sericitized. In short, variations of alteration and degrees of metamorphism (greenschist to amphibolite and amphibolite gneiss) are expected for the project area- i.e. more intense amphibolitization near the Otto Stock and less intense alteration in greenschist facies to the north. Sharpley (2004) identified sericitic, carbonatized, garnetiferous, graphitic, silicic, chloritic (seams, bands) and epidote alteration in various drill sections.

Figure 5 details alteration together with lithology in cross section. **Appendix X** summarizes alteration from drill logs. Mineralogy does appear to be consistent with greenschist to amphibolite facies metamorphism, . Observed alteration is likely (if not uniquely) related to the syenitic Otto Stock. Mineralogy, alteration and chemical alteration are likely specific to the lithologies encountered. Thus, tremolite-actinolite (amphiboles) and talc alteration were observed for the ultramafic metavolcanic. Their particular proportions likely reflect greater availability of OH-, magnesium where talc is more abundant and possibly more iron where actinolite and tremolite are found together. Epidote and garnet were observed in the andesite unit. Together these assemblages suggest a zone of carbonate alteration-silicification.

Discrete chlorite-sericite-feldspar alteration zoning is also evident. Chloritic, sericitic, and hematite/limonitic alterations are more notable in the feldspathic sandstone/quartzite. These may indicate iron-magnesium, K2O, Na2O and OH- enrichments over an 80 m width. Sericitic (some chloritic), albite and pinkish potassic alteration (after sericite?) were observed in rhyolite (about 140 m width).

Graphitic intervals are more common in ultramafic and rhyolite units. Carbonates (mainly calcite) are evident in veinlets, but reaction to HCl was usually weak across units.

Structural Geology and Related Geophysics

Folding of the Archean metavolcanics and metasediments is evident from drilling and from integrated interpretation of property and local geology (**Figure 4c**). In Eby Township this has led to apparent development of steep dips and alignment of strikes generally suggestive of *en echelon* synclines and anticlines (Lovell, 1972). Eby05-01 (and Eby04-01 in 2004) appears to cut a NNE-plunging syncline – a SW-trending limb at the top of the hole and a south-trending limb further down. Measurements of bedding are summarized in **Appendix IX.** Straight line projections to surface are made as a first approximation and until fold geometry to surface is determined. Lower contacts shown (rhyolite-metasediment and beneath) in **Figure 5** may dip steeply to the southwest.

Shearing and schistosity (**Figures 4c and 5**) in the drilled sequence appear to be limited- more related to bedding and tight folding than any extensive faulting. Veining is relatively limited. Early S1 deformation, generally wavy or broken, cuts bedding at a shallow angle (0-32° to core axis) and features calcite-quartz with some hematite and some albite (at depth). S2 cuts S1 and is oriented variably from 12° to 62° to core axis (likely two conjugate sets). This set may be slightly wavy or broken. While distinct calcite-quartz veining and some hematite are also present, this deformation is more notable for chloritic slips; for graphitic seams, gouge and mud; or for broken, blocky or coined core. S3 cuts S2 veining and deformation with an orientation 10°-88° to core axis (likely as two conjugate sets). Vein mineralogy includes quartz-calcite. With depth more sericite-quartz and potassium feldspar-calcite quartz is noted. Talc alteration and gouge in the ultramafic unit is also associated with this deformation. Slightly blocky core and mud seams are also found with S3.

Figure 4b geophysical information appears to outline a fold structure as well. Magnetic contours and (flat) 2nd derivative magnetic contours broadly conform to the interpreted syncline and limbs. Airborne electromagnetic anomalies (EM, TEM) could be, (and have been interpreted) as a broad linear (NE-SW) trend, but in the area of the claim may actually outline a folded felsic-intermediate-ultramafic sequence.

DEPOSIT TYPES

Volcanic-associated massive sulphide base metal deposits are subdivided into copper-zinc and zinc-lead-copper groups (J.M. Franklin, 1996). The zinc-lead-copper group is most commonly Phanerozoic in age (e.g. Bathurst district, New Brunswick, Canada). The copper-zinc group spans the Archean, Proterozoic, Phanerozoic and modern eras. Eby Otto geology is Archean in age. Two of the largest copper-zinc deposits in Canada, the Kidd Creek Mine in Timmins, Ontario and the Horne mine at Noranda (Rouyn-Noranda), Quebec, at least constrain an initial choice for a deposit model (and related metallurgical facilities)- even if this spans a large distance west and east of the Kirkland Lake area.

It should be recognized that associated lithologies, alteration, and mineralizing processes and associated lithologies are not nearly as distinctive as the copper-zinc, zinc-lead-copper grouping suggests. All are found in lithologies dominated by submarine volcanic rocks. All contain 90% iron sulphide (pyrite dominant) in massive and stringer zones above and within (respectively) alteration pipes. Aside from copper, zinc and lead, many deposits contain metallurgically recoverable amounts of silver, gold, cadmium, tin, indium, bismuth and selenium.

For the copper-zinc group, associated rock types are mainly mafic volcanics (massive and pillowed flows). Some deposits also feature felsic volcanic, sedimentary (shale, pelite) or oxide/silicate facies iron formations. The massive portion of sulphides is usually concordant or at least semi-concordant (to stratigraphy) while the stringer and alteration zones are discordant (e.g. for several tens of metres below). For both groups, the presence of an impermeable cap (eg. sedimentary/pelitic , turbidite, felsic volcanic, pyroclastic ash) may be interpreted as genetically important. This is believed to constrain a hydrothermal reaction zone which, in turn, concentrates the sulphides. The hydrothermal reaction requires some deeper source of heat – a sizeable intrusive body- which is normally found within most Archean and Proterozoic Cu-Zn districts in Canada. Trondhjemitic intrusions are common, but other compositions (e.g. layered mafics) are known.

The reaction zone includes characteristic quartz-epidote-albite alteration under many copper-zinc deposits. In an apparent contrast, deposits formed in shallow water show volcanic strata with sodium depletion. Zones of alkali-depleted, variably carbonatized strata occur directly beneath some deposits in sedimentary rocks or in volcanics ("Mattabi-type"). Chloritization (especially in a core zone), sericitization, and silicification are common. Talc, magnetite and phlogopite may be found. Gangue minerals include aluminosilicate minerals (or metamorphic equivalents, e.g. andalusite). Some lower, semi-conformable alteration zones may contain actinolite with epidote and quartz.

A synthesis of alteration zones immediately beneath Cu-Zn deposits (Figure 6.3-6, J.M. Franklin, 1996) yields some rough constraints on dimensions. Thus- > 0.5 – 2.0 km of less intense Mg-chlorite +/- sericite +/- andalusite alteration surrounds more intense, 0.5 – 2.0 km (strike length, 0.2 – 1 km depth) Mg-chlorite +/- sericite alteration. The smaller zone surrounds a core alteration pipe (<< 0.5 – 2.0 km) and a stringer zone (tens of metres) with Fe-chlorite, silicification and sulphide. This can be capped by a siliceous/iron/sulphide unit. A massive body of sulphide is found between. The typical form of the Noranda-type deposits is generally bulbuous or conical with at least 60% pyrite, sphalerite, chalcopyrite and pyrrhotite and with length-to-thickness aspect of 3:1 – 10: 1. Smaller (1 million tonne) deposits have a lower ratio, while larger deposits have a higher dimensional ratio.

Median metal contents for the copper-zinc group (142 Canadian deposits) are 1.60% copper, 3.07% zinc, 0.01% lead 0.6 g/t gold and 8.0 g/t silver. Lead values are usually not measured in practice. Mean values are somewhat higher.

The Timmins – Val d'Or mineral belt contains six main massive sulphide districts: Louvicourt, Rouyn-Noranda, Kamiskotia, and Kidd-Munro (including the Kidd Creek deposit) in a southern portion; Hunter and Amos-Barraute along the northern margin (Card and Poulsen, 1998). Kidd Creek is the largest single Archean volcanogenic (/volcanic-associated) massive sulphide deposit in the world. It is characterized by an overturned (repeatedly folded) segment of rhyolite/rhyolite breccia that is overlain by Fe-tholeiite and high Al-basalt. The rhyolitic unit is underlain by a komatiite flow or sill and is intruded by a "diorite-andesite" sill. A related subvolcanic intrusion has not been identified.

Lovell (1972) specifically describes economic geology in Eby and Otto Township areas. Gold and silver were produced from the Swastika Mine in Otto Township (one of the two major, 1906 gold discoveries in the Kirkland Lake camp). Gold is also found at the former Baldwin Consolidated Mines deposit (Eby Township, concession VI, lot 1, now held by GLR Resources Inc.). Occurrences of platinum, base metals and nepheline syenite) are reported. Parts of a graphite-pyrite-pyrrhotite facies of iron formation are historically known to contain low percentages of copper, zinc as well as minor amounts of nickel. These are generally indicated by magnetic and electromagnetic anomalies and have been drilled on these bases.

MINERALIZATION

Table 5 and **Table 6** highlight mineralized zones (see also **Appendices VII, XII** for details). Discrete distributions of zinc or copper were encountered, but combined (Cu-Zn-Pb) metal content of these is low, <0.7% individually and <0.8% in combination (anomalous, sub-economic concentrations). The best intersection obtained was at a vertical depth of around 250 m. An interval-weighted average of 0.23% zinc, 0.03% copper, 0.02% lead, 0.6 g/t silver and trace (5 ppb) gold was cut over a true-width of 2.7 m (8.6 m apparent, 341.4-350 m, drill interval).

Selections are detailed largely for their geochemical and geological significance. Threshold values (>500 ppb of Cu or Zn or Pb in sample) and frequency (2/3 events greater than threshold, e.g. 7/8, 5/5, 1/1, 6/9, 2/3) constrained the highlighted intervals. This also characterizes their semi-massive distribution beyond a metre-scale sample interval. The highest individual values, and other statistical values obtained for copper, zinc, silver and gold are listed in **Table 5.** Intervals are adjusted in **Table 6** for orientations (dip, azimuth and strike – from straight line projections) to yield respective true widths.

TABLE 5 Mineralization, EBY05-01- Summary Statistics

	METRES		DESCRIPTION	ASSAYS				
				Cu	Zn	Pb	Ag	Au
	FROM	TO		ppm	ppm	ppm	ppm	ppb
	8.60	**502.00**	**Summary of Mineralization:**					
			Maximum Value	730	6930	5440	4.8	81
			Minimum Value	5	3	0	0.1	0
			Mean Value	61	285	244	0.2	4
			Median Value	33	61	10	0.1	0
BEST SAMPLES			METRES					
62317	59.40	60.40	1.00 m(apparent width)	234	1320	27	0.3	81
62383	333.80	335.00	1.20 m (apparent width)	143	4870	5440	4.8	17
62393	345.00	346.10	1.10 m (apparent width)	730	6930	35	1.2	0

Observed proportions suggest that combined pyrite and pyrrhotite in Eby05-01 is greater than 90% of combined sulphide. Pyrite is dominant by far. Copper is generally present as larger chalcopyrite grains, but in smaller amounts than zinc-bearing sphalerite (usually smaller, reddish-brown grains under magnification). This mineral is present in larger amounts than lead-bearing galena. This metal distribution provides some support for a copper-zinc mineralization model categorization. Selected samples were assayed for lead content as a guide, but lead is usually present in very small amounts. Notably, the highest silver value is associated with the highest lead value. Gold content was in the low ppb range- the maximum being 81 ppb.

Some sulphide mineralization was observed with non-conformable deformation (fine mm- scale veinlets, with trace to 3% pyrite; a few galena veinlets in S2 deformation orientation; some trace sphalerite), but most veinlets/veins are barren. Thus, mineralization is presumed to be aligned with bedding (or conformable) as expected. Evidence is weak for "stringer" type (non-conformable) mineralization. True widths are therefore (broadly) estimated first with respect to bedding dip (degrees to core axis) and then with respect to divergence of hole azimuth from bedding strike (as interpreted in plan). With folding, variation in orientations may be observed on a smaller scale.

UNIT/	TABLE 6			ASSAYS		Eby05-01		
SAMPLE No.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb
62317	59.40	60.40	1.00	234	1320	27	0.3	81
62488	60.40	61.00	0.60	162	587	12	0.4	24
62489	61.00	62.00	1.00	166	946	3	0.3	3
62490	62.00	63.00	1.00	170	349	5	0.3	0
62491	63.00	64.00	1.00	227	1110	20	0.5	0
62318	64.00	65.00	1.00	191	1190	12	0.2	2
62492	65.00	66.00	1.00	139	561	15	0.3	58
62493	66.00	67.00	1.00	140	849	13	0.3	41
Wtd. Avg.	**59.40**	**67.00**	**7.60**	**180**	**879**	**13**	**0.3**	**26**
True Width	**Dip Adjusted**		**3.80**			**Vertical Depth**	**(m)**	**45.0**
	Dip & Azimuth Adjusted		**3.44**				**to**	**50.5**
62497	73.10	74.00	0.90	56	647	1	0.3	0
62322	74.00	75.00	1.00	83	674	0	0.2	10
62498	75.00	76.00	1.00	55	858	9	0.3	0
62499	76.00	77.00	1.00	59	963	6	0.2	3
62500	77.00	78.00	1.00	60	959	18	0.2	0
Wtd. Avg.	**73.10**	**78.00**	**4.90**	**63**	**824**	**7**	**0.2**	**3**
True Width	**Dip Adjusted**		**2.45**			**Vertical Depth**	**(m)**	**55.0**
	Dip & Azimuth Adjusted		**2.16**				**to**	**58.5**
Eby05-01								
62382	332.80	333.80	1.00	77	2320	1350	1.9	0
62383	333.80	335.00	1.20	143	4870	5440	4.8	17
Eby05-01A								
62386	332.60	334.00	1.40	63	2630	1710	1.5	14
Assumed True Width	**332.6**	**334.00**	**1.40**	**63**	**2630**	**1710**	**2**	**14.0**
	Dip Adjusted		**0.97**			**Vertical Depth**	**(m)**	**242.0**
	Dip & Azimuth Adjusted		**0.47**				**to**	**245.0**
62389	341.40	342.00	0.60	459	3620	2400	2.8	2
62390	342.00	343.00	1.00	400	96	13	0.2	17
62391	343.00	344.00	1.00	148	4550	57	1.0	2
62392	344.00	345.00	1.00	27	423	5	0.1	0
62393	345.00	346.10	1.10	730	6930	35	1.2	0
62394	346.10	347.10	1.00	144	709	6	0.4	3
89012	347.10	348.00	0.90	176	335	5	0.2	0
89013	348.00	349.00	1.00	254	1540	36	0.2	21
62395	349.00	350.00	1.00	281	2220	56	0.2	3
Wtd. Avg.	**341.40**	**350.00**	**8.60**	**290**	**2283**	**193**	**0.6**	**5**
True Width	**Dip Adjusted**		**5.97**			**Vertical Depth**	**(m)**	**248.0**
	Dip & Azimuth Adjusted		**2.71**				**to**	**253.0**
62431	429.24	430.20	0.96	285	1600	7	0.7	0
62432	430.20	431.00	0.80	37	110	103	0.1	0
62433	431.00	432.00	1.00	69	776	9	0.3	0
Wtd. Avg.	**429.24**	**432.00**	**2.76**	**135**	**870**	**36**	**0.4**	**0**
True Width	**Dip Adjusted**		**1.92**			**Vertical Depth**	**(m)**	**304.5**
	Dip & Azimuth Adjusted		**0.33**				**to**	**306.0**

Mineralization controls appear to be related to the following features:

- a stratigraphically lower, ultramafic (talc, tremolite-actinolite schist) unit in steep contact with a rhyolite flow and with a stratigraphically higher epidote-garnet altered andesite (from 67.0 – 78.0 m)
- an iron stained, limonitic-hematitic, chloritized sandstone and lower contact transition to sericite-chlorite alteration;
- beneath this, a graphitic-sericitic rhyolite flow (sheared) transition to sericite-albite-potassic altered rhyolite with chamosite-magnetite bearing sub-units

Chemical constraints suggested by the above indicate that magnesium-, iron- or carbon-enriched zones are associated with concentration of base metals and with mobilization of Na2O, K2O, and OH-. Geochemical "caps" are suggested as ultramafic, hematized-limonitic feldspathic sandstone units and chamosite-magnetite sub-units in rhyolite. In the case of the entire ultramafic-rhyolite-andesite mineralization "trap", associated carbonate alteration-silicification (of low silica andesite; of normally potassic, iron-enriched, iron-bearing rhyolite) is suggested by an epidote-garnet-tremolite-actinolite assemblage. Deformation here is subdued. In the case of the sandstone/ quartzite- rhyolite mineralization trap, dispersed iron, graphitic zones and iron-enriched chamosite-magnetite sub-units are favourably situated to limit open-ended, OH-, K20 and Na2O enrichments of sediments (from the Otto Stock, perhaps with local additions of K_2O from rhyolite).

DRILLING

Diamond drilling was carried out in two attempts a single hole, Eby05-01 (502 m total). The hole was initially set at a 45.5 degree dip and measured with an azimuth of 155 degrees (casing, compass and plumb bob measure). Drilling was aligned (as for previous work) to test for an apparent NE-SW structure suggested by government-published airborne geophysics. The interval from 0-335 (corrected from 332m) was drilled from March 16-March 25, 2005. Drilling was halted with difficult conditions, and ultimately, with loss of the core barrel. At the time, this was attributed to an automatic braking backlash and uncoupling of threads in graphitic, broken, gravel-like rock. Although the core barrel was recovered, rising water from unexpectedly early and persistently warm weather forced a decision to remove equipment from the lowland area. The company was later advised, and a decision was made on a further attempt to reach the 500 m target depth. This hole depth was planned to test the geophysical trend and to probe deeper than Eby-04-01. Set up on the same casing was delayed by spring thaw, by rerouting of access to higher ground and by wetness of the setup area. With drying conditions; with cribbing, corduroy log drill pad access and with drier sandy fill in place, the second phase of drilling cut 331 m to 502 m/ from May 16-May 20 and May 24-May 25 (dayshift only, long weekend interruption). Heath & Sherwood Drilling (1986) Inc. supplied two separate Boyles Super 25 drills for both phases. Casing (10m) was left in the ground upon completion.

Each box of drill core was laid out with 3 m interval markers. Acid etch dip tests were taken every 50 m to 302 m, and every 30m thereafter. The hole cut bedrock at a 48 degree dip, steepened early to 50 degrees and then became progressively shallower to 39 degrees at the end of the hole. Although preparations were made in the event of more serious caving (requiring cementing), the second phase of drilling kept the hole clean and operative with additions of DD-2000 drilling mud.

SAMPLING METHOD AND APPROACH

Widely distributed and low concentrations of sulphide (mainly pyrite) were punctuated by narrow (<1 m intervals of greater pyrite, pyrrhotite and other sulphides. A stratified, 5 m sample spacing (generally 1 metre sampling intervals) was therefore interwoven with narrower feature-based sampling. Both were adjusted to discontinuities (geological units, structures, and mineralization) as appropriate. The overall sample density is believed to be adequate to test characteristic alteration and mineralization for Cu-Zn model deposits. Assuming length to thickness ratios of 3:1 – 10:1, length 0.5-2 km, 0.2-1 km depth (Franklin 1996 p 162,172); assuming 160-200 m thickness, a minimum 200 m depth- stratified sample points would total 40 or more. This sample base can support geological characterization and some basic statistical testing. A relatively uniform, 1 m sampling interval, was chosen to minimize sampling bias and- in the absence of a better definition- serves to distinguish massive mineralization (>1 m continuous sulphide) from semi-massive mineralization (<1 m continuous sulphide).

62301-62457 series samples were selected based on the above sampling approach. 62458-62487 series were drawn from randomly generated intervals to test for sampling and analytical biases. Series 62488-62500, 89001- 89013 were taken test continuity between previously sampled and assayed intervals. No tickets were voided.

SAMPLE PREPARATION, ANALYSES AND SECURITY

Upon extraction, drill core was wired shut at the drill site for pick up (exclusively) by the author and brought to a secure facility for examination and cutting. Tagged samples were cut in half by a contract worker with a regularly-cleaned, wet diamond saw. These were put into fabrene bags, cinched with locking nylon ties and delivered (again exclusively) by the author to a certified laboratory (Swastika Laboratories, CCRMP, ISO 9001:2000, Standards Council of Canada accredited). One half of the core was retained. Delivery by the author to the certified lab minimized handling and maximized security. Wet samples are dried by the lab. All are crushed to ½ "and then to 10 mesh. A Jones riffle is utilized to obtain a 350 gram split, with rejects going to numbered plastic bags. Samples are then pulverised. The pulps are homogenized and then prepared for geochemical (copper, zinc, lead- ppm-level) analysis and assay (gold- ppb, silver- g/t). Analytical runs consist of 30 samples, 3 repeat analyses, a blank and a control (standard). Anomalous values are repeated for both geochemical and assay methods.

Copper, Zinc, Lead

A 0.5 gram split is digested with *aqua regia* (6 ml HNO_3, 4 ml HCl) in a hot water bath for 2 hours. After dissolution, addition of water and mixing, the solution is tested with an atomic absorption spectrometer. A background correction is applied for lead. Detection limits of +/- 0.001% (threshold 100%) are applicable up to 0.50% metal concentration. Final results are reported within a +/- 0.01% tolerance.

Silver

A 1.0 gram split is digested with 5 ml HNO_3 plus 10 ml HCl for 1 hour in a covered beaker. This is further diluted to 50 ml with 30% *aqua regia*. An atomic absorption spectrophotometer then analyzes the concentration (grams/tonne or oz/ton) - with background corrections applied, and with a detection limit of +/- 0.2 g/t (threshold 100%).

Gold

Fusion with a flux-litharge mixture is followed by addition of silver, a second collection agent (litharge-lead being the first). A lead button containing any precious metal is reduced to PbO_2, which is sublimated in a cupellation furnace (standard fire assay). When used, gravimetric assays are completed with dissolution of the dore bead in nitric acid and weighing of the gold.

Laboratory Controls

Certified reference materials (OxK18) are noted on assay certificates and are inserted as a lab quality control check for gold, together with blanks for all analyses. The former have a 95% confidence interval for a gold concentration of 3.463 g/t. The material is synthetic mixture of sodium feldspar with a minor quantity of finely ground, gold-bearing quartz. Adequacy of measures is further discussed in the following section.

DATA VERIFICATION

The purpose of data verification is to detect and to minimize gross errors and biases in measurement, characterization and modeling. Samples can only provide some practical subset of information- observations, samples, characteristics, analyses. These are drawn from a "population" of possible data and individual observations. An ideal sample is randomly chosen from a pre-specified population (and no other) and has characteristics (multiple features) that correctly represent the population parameters.

Procedures to ensure a representative characterization of Eby-Otto drill results were put in place – i.e. to "verify" data. These can be further categorized as procedures to detect and to correct gross errors; tests to measure or identify remaining uncertainties; and tests to detect biases. These procedures and outcomes are presented in order of potential concern below:

a) Drill depth markers were measured against received core intervals prior to logging. Drillers were advised on the corrections for any gross misplacement (a number of instances of tier jumps). Procedures in difficult drilling conditions were also discussed to minimize deviation. Reconciliation of depth indicators is believed to be accurate to within +/- 1 m in spite of broken ground and indicated drill deflection at Eby05-01 termination. This was explained at the time as an unexpected, automatic braking backlash and uncoupling of the core barrel. In spite of the difficulty the overlapping interval 332.8-335.0 (Eby05-01) and 332.6-332.4 (Eby05-01a extension) shows good geological and mineralization correspondence between 332.8-333.8 (Eby05-01) and 332.6-334.0 (Eby05-01A). The smaller (332.6-334.0m) interval is assumed, conservatively, as the representative interval. Differing terminal and re-starting points for drilling appear to support the possibility of a deflection.

b) Core loss was encountered and accounted for in two narrower intervals 29.3-32.0m (77% recovery) and 36.7-38.0 m (31% recovery) in talc schist and gouge. Another measurable loss of core (333.7-333.95 m, 94% recovery) occurred in a graphitic interval. None were in strongly mineralized ground. Boxes with higher core loss were also indicated by an apparent 6.2-6.7 m drill interval. Broken ground- ranging from blocky core to coining; gravel-like returns; gouge and narrower mud seams (talcose or graphitic) led to greater spreading of core in a standard box – a range of 4.4 m to 5.9 m was measured – 5.9 m being the best fit and most competent core.

c) Sampling and analytical controls included computerized and visual rechecking of entries (interval, sample sequence, assay) and statistical checks for potential bias (assays). Data entry errors (12

detected) were readily corrected. A test of means at the 99.9% level rejects the presence of sampling or analytical biases when the random sample set is compared with the rest of the samples. A heterscedastic, 1-tailed, Student's t-test indicates only 3% probability of a higher t-test statistic for the comparison of mean values for Cu, Zn, Ag and Au analyses. Simply put, the samples appear to be drawn from the same population- as should be expected. In addition to providing geochemical information, whole rock analyses were obtained as a contingency in the event that biases were statistically discernable.

d) Maximum, median and minimum values of laboratory blanks and reference samples were also reviewed for discernable biases (gold-basis). While these were excluded from the t-test quality control (insufficient number), the range of values and central tendencies (maximum= 3560 ppb, mean= 3413 ppb, median= 3409 ppb, and minimum=3291 ppb) constrain the 3463 ppb level for the (synthetic) laboratory reference standard OxK18. The range of values and central tendencies for blank analyses showed some slight differences with expected 0 ppb values (maximum= 60 ppb, mean= 10 ppb, median= 4 ppb, and minimum= 0 ppb). None of these differences are critical to conceivable project tolerances.

e) Extra efforts were made to establish and to reconcile varied, published lithological classifications for the project area and with respect to regional classification (for control). Ontario-wide statistical geochemical information was also used for control. This provided some standards for measurement of alteration and for lithological classification.

In summary, sampling density, sample preparation, sample security, analytical procedures and data verification procedures and are believed to be sufficient to provide representative characterization of the Eby-Otto drill results- with minimal uncertainty and bias.

INTERPRETATION AND CONCLUSIONS

The objectives of diamond drill hole Eby05-01 were to test mineralization at greater depths than Eby04-01 and to re-evaluate geochemical and geophysical anomalies in the process. The vertical depth attained was doubled (350 m), but results did not meet expectations. Copper, zinc, lead and silver are present in very low amounts in Eby05-01 – namely, <0.7% individually and <0.8% combined base metal (vs. 1.6% copper and 3.1% zinc median values for this type of deposit). There were five intervals ranging from 0.3 to 3.3 m (true widths, 1.4 to 8.6 m apparent widths). The best intersection obtained was at a vertical depth of around 250 m. An interval-weighted average of 0.23% zinc, 0.03% copper, 0.02% lead, 0.6 g/t silver and trace (5 ppb) gold was cut over a true-width of 2.7 m (8.6 m apparent, drill interval). Silver is present in low amounts. No value exceeded 5 g/t (vs. 8 g/t median value in others). The highest value for gold is 81 ppb. Zinc content exceeds copper content. Lead is present in generally lower amounts than those for the other base metals.

Although not directly comparable, previous drilling (Eby04-01) featured one interval with 0.36% zinc, 0.06% copper and 0.04 g/t silver (6.0 m apparent width) and one interval with 0.05% zinc, 0.01% copper and 0.1 ppm silver (8.73 m apparent width).

Widely distributed and low concentrations of sulphide (mainly pyrite) were punctuated by narrow (<1 m intervals of greater pyrite, pyrrhotite and other sulphides. To ensure adequate data density, a stratified, 5 m sample spacing (generally 1 metre sampling intervals) was interwoven with narrower feature-based sampling and with random sampling. This sample density is believed to be adequate to test characteristic alteration and mineralization for Cu-Zn model deposits and to support basic statistical tests for analytical and sampling

bias. Tests of means did not indicate biases. Areas of uncertainty (marker placements, data entry, drilling overlap) were reconciled or corrected. Data is therefore believed to be reliable to support the current interpretation.

In spite of the disappointing results, other features encountered in drilling and in previous work show some degree of correspondence with attributes of the model – enough to warrant further, feature-by-feature discussion:

Pyrite and lesser pyrhhotite are the dominant sulphides encountered (iron sulphides, as expected). The latter has a strong magnetic intensity, and (in part) a possible magnetic signature detectable at the scale of a geophysical survey. Pyrhhotite has an indicated association with base metal mineralization, but further evidence is needed at Eby-Otto. Massive sulphides or stringer zones were not intersected. Mineralization is semi-massive and conformable in character.

Pillowed mafic volcanics and feldspathic sandstone/quartzite are probably indicative of (generally favoured) sub-aerial lithologies that some associate with copper-zinc deposits. In particular, a mafic-ultramafic-rhyolite-andesite composite correlates well with a komatiite-rhyolite-basalt/ diorite-andesite composite for the Kidd Creek deposit. Allowance must be made for some complex association with folding (overturned, repeated in the case of Kidd Creek; synclinal, possibly isoclinal for Eby-Otto; not specifically characterized in the model). In Eby-Otto, mineralization-capping or mineralization-trapping units (favoured "impermeable" rocks) include a feldspathic sandstone/quartzite; chamosite-magnetite and graphite sub-units; and an ultramafic (talc schist, tremolite-actinolite) metavolcanic. While "impermeable" rocks are not specifically defined in the model (as referenced), the present author interprets the use of the term to include both structural (permeability, porosity, discontinuity) and chemical features (chemical potentials/differences between unit compositions).

A sizeable intrusive to drive hydrothermal processes is not ruled out (adjacent Otto Stock and peripheral intrusives; with or without the Round Lake Batholith). Alteration suggests that the syenitic Otto Stock had a major, if not singular, role in the mineralization event. While trondhjemitic intrusions are usually associated with the specified model, other (and differentiated) intrusives are known. In any case, alteration shows comparable mineralogies. Discrete chlorite-sericite-feldspar alteration zoning is present (in apparent 80m and 140 m widths for the feldspathic sediment and rhyolite units, respectively). This widespread feature is positive. Epidote-garnet alteration is found in an andesite unit- a zone expected for Cu-Zn deposits. The stratigraphic position may be relatively higher than otherwise expected. Tremolite-actinolite alteration was found in the lower ultramafic unit (as expected, but also with talc alteration, e.g. Mattagami Lake-style).

Addition of Na_2O is indicated for the mafic and ultramafic units (and possibly for metasediments), undetected for andesite and deficient in dacite. Rhyolite, a major unit, is strongly deficient, with elevated iron. Sodium depletion is a feature of many Cu-Zn deposits. K_2O is generally higher in all but rhyolite which is strongly deficient (more geochemical evidence needed for the rhyolite and sediment). Mineralogy suggests remobilization of Na_2O and K_20 (albitization, potassic alteration notably for rhyolites), OH- (sericite), CO_2 and silica (calcite, calc-silicate minerals). Quartz-epidote-albite alteration is prevalent under many copper-zinc deposits. The present author is of the opinion that sodic and potassic alteration will vary with unit compositions relative to (varying) intrusives and relative to neighbouring volcanic-sedimentary units. Enrichment and depletion are evidence of a system that works toward chemical equilibrium in a zone (zones or smaller bands) of alteration. The Otto Stock is composed 80-90% of feldspars and feldspars are largely microperthite – a sodic and potassic feldspar exsolution (a "fresh" mixture). Sodic and potassic additions might be expected on the whole for low potassium and low sodium units (e.g. sediments). As part of this process of reaching chemical equilibrium, remobilization should also be expected from sodic and potassic lithologies (e.g. rhyolite, dacite) to less sodic or potassic rocks (siliceous sediments, mafic, ultramafic rocks).

Magnesium-, iron- or carbon-enriched zones appear to constrain (or "cap" relative to the Otto Stock) concentrations of base metals in Eby-Otto (altered ultramafics, hematized-limonitic feldspathic sandstone units and chamosite-magnetite sub-units in rhyolite).

Evidence to this point still leaves open the question of greater copper-zinc mineralization potential for this prospect. For Eby and Otto Townships, Lovell (1972) has pointed out that "parts of a graphite-pyrite-pyrrhotite facies of iron formation are historically known to contain low percentages of copper, zinc as well as minor amounts of nickel". These are generally indicated by magnetic and electromagnetic anomalies and have been drilled on these bases. Alternatively, any remaining potential can be viewed from a narrower perspective – within the boundary of the claim, with parameters for Cu-Zn type deposits (for comparison) and with the limitations of data collected, historically and currently, better understood.

Model parameters suggest some dimensional constraints for a minimal zone of alteration and mineralization- 500 m long, 200 m deep and (with length to thickness 3:1 assumed) 170 m thick for a deposit "envelope" (a larger surrounding zone, inclusive core alteration and mineralization). Over time, much data has been gathered in the claim area – data which either limits or leaves possibilities on the property. Some qualifications on the available data can be stated here:

a) Exploration has been focused on a potential northeast-southwest strike (geophysical, geological) whereas current drilling and interpretation has outlined a synclinal fold structure with a NNE direction and plunge.
b) Geophysical sampling and sampled points (airborne EM, time-domain EM/VTEM, magnetics) are limited with respect to the current interpretation- EM stations are peripheral to an interpreted fold axis.
c) Flight lines for the closest anomalies (VTEM) are nearly parallel to drilling (which in turn was perpendicular to the earlier trend interpretation).
d) VTEM anomalies (Map 82039) closest to the projected axis of the projected syncline axis indicate an apparent conductor depth of 964 - 1202 m. Bedding suggests a possible depth of 900-1400 m if mineralization is conformable.
e) Previous drilling (Eby04-01) followed a trend along the southern portion the interpreted south-trending limb to a vertical depth of 175 m (two mineralized intersections highlighted). No information was found on a historical drill hole from the area of the shaft with an azimuth to the NNW, but this hole (and the shallow shaft) likely cut higher stratigraphy than Eby04-01 and Eby05-01. In this program, Eby05-01 appears to have cut across the upper portion of a SW-trending synclinal limb and northerly to southerly portions of the same south-trending limb as Eby04-01. A vertical depth of 350 m was reached. Five, mineralized intersections have been highlighted in this report (vs. two previously).
f) A contour of 2nd-derivative total magnetic intensity is relatively flat between the projected syncline limbs. In functional terms this should indicate relative maxima, minima or stationary points in total magnetic intensity- in other words, a relative crest (with locally higher magnetic intensity, or a trough otherwise) constrained by the fold.
g) The total magnetic intensity contour of 58,500 gamma (Map P.2268) -a locally elevated value- appears to be constrained by the projected syncline and lends supports for a crest-related, 2nd derivative, total magnetic intensity. Magnetic mineralogy and lithology also lends support to this.

Given the above, an interpreted (axial) trend from the nose of the interpreted syncline toward the Highway 11/west claim boundary intersection (shaft area on east side, Claim 1239353 on the west side) may need further attention. A 500 m trend could be accommodated. While a thickness of 170 m should be detectable, this dimension is unfortunately equivalent to the horizontal distance between the two closest and anomalous EM (VTEM) sample points. Rough agreement between (straight-line) bedding projections and apparent

VTEM conductor depths lend support to the possibility of mineralization at greater depth- within a range of 900 to 1400 m. There is ample room for a minimal (model-based) 200 m depth constraint.

RECOMMENDATIONS

With disappointing results from two drill holes, no further work is recommended for the Eby-Otto property until a line cutting, geological mapping and sampling program is undertaken. The objective would be to systematically define the distribution of lithology, alteration, mineralization and structural orientations at surface. Additional requirements would be to reconcile this information with drilling, geophysics, geochemistry and published geology to date. The cost of the program is estimated at $12,500.00.

Line cutting on claim L-1167172, 16 (east-west) lines of 400 m, 50 m (north-south) spacing	$1,500.00
Geological mapping, sampling, reporting	$7,500.00
Assay costs ($22.50 per sample)	$2,250.00
Contingency (10%)	$1,125.00
Total	$12,500.00

Dated this 13th Day of July, 2005

Julius Hava B.A., B.Sc.(P.Geo.)

REFERENCES

Ayer, J.A. and Trowell, N.F. 2000. Geological compilation of the Kirkland Lake Area, Abitibi greenstone belt; Ontario Geological Survey, Preliminary Map P.3425, scale 1:100 000.

Card, K.D. and Poulsen, K.H. 1998. Geology and mineral deposits of the Superior Province of the Canadian Shield; Chapter 2 in Geology of the Precambrian Superior and Grenville Provinces and Precambrian Fossils in North America, (co-ord) S. Lucas; Geological Survey of Canada, Geology of Canada, no. 7, p 13-94.

Carmichael, Stewart J. 1990. Results and Recommendations in the Eby Township Property, District of Timiskaming for Fernand Rivard (OPAP# OP-90-121)

Falconbridge Limited. Company website http: Falconbridge.com/our_business/copper_kidd_creek.html

Franklin, J.M. 1996. Volcanic-associated massive sulphide base metals; in Geology of Canadian Mineral Deposit Types, (ed.) O.R. Eckstrand, W.D. Sinclair and R.I. Thorpe; Geological Survey of Canada, Geolog of Canada, no. 8, p. 158-183.

Fyon, J.A., Breaks, F.W., Heather, K.B., Jackson, S.L., Muir, T.L., Stott, G.M. and Thurston, P.C., Metallogeny of metallic mineral deposits in the Superior Province of Ontario, *in* Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 2. p. 1091-1174

GLR Resources Inc., Internal company documents. Application for Building and Land Use Permit/ Entrance Permit, Encroachment Permit and notations January 26, 2005

Gross, G.A., 1996. Algoma-type iron formation; in Geology of Canadian Mineral Deposit Types, (ed.) O.R. Eckstrand, W.D. Sinclair, and R.I. Thorpe; Geological Survey of Canada, Geology of Canada, no. 9, p. 66-73.

Gross, G.A., 1965. Geology of iron deposits in Canada; Economic Geology Report No. 22, Vol 1, Geol. Survey of Canada.

Grunsky, E.C., Easton, R.M., Thurston, P.C. and Jensen, L.S., 1991. Characterization and Statistical Classification of Archean Volcanic Rocks of the Superior Province Using Major Element Geochemistry in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p.1397-1498

Hava, Julius 2005. Report on the 2005 Drilling Programme, Hurd-McAuley Property, Teck Township, Ontario Canada for GLR Resources Inc.

Jackson, Kern C., 1970.Textbook of Lithology, McGraw Hill, Toronto 552 p.

Jackson, S.L. and Fyon, J.A., 1991. The Western Abitibi Subprovince in Ontario *in* Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 405-482

LeMaitre, R.W., 1968. Chemical variation within and between volcanic rock series – a statistical approach; Journal of Petrology, v.9, p 220-252

Lovell, H.L., 1972. Geology of the Eby and Otto Area, District of Timiskaming, Geological Report 99, Ontario Department of Mines and Northern Affairs, Toronto

Lovell, H.L., 1972. Eby and Otto Area, Timiskaming District, Map 2239, Ontario Department of Mines and Northern Affairs, Toronto 1" : ½ mile or 1:31, 680

Lovell, H.L., 1968. Preliminary Geological Map, P.448, Eby Township, District of Timiskaming, Ontario Department of Mines. 1 inch to ¼ mile.

Ministry of Northern Development and Mines, 2005. Mining Land Tenure Map, Eby Township, Plan M-0345. (May 2, 2005 issue) 1:20 000.

Ministry of Northern Development and Mines, Resident Geologist Files, Old Claim Map Files, microfiche files, Eby Township

Nadeau, Serge, 2004. Report on Exploration Activities at Claim L-1167172, Eby Township Property of GLR Resources Inc. 13 p

Natural Resources Canada 2001. Centre for Topographic Information, Map 42A/1, Ed. 4, NAD 83, Series A 751, 1:50:000.

Ontario Geological Survey, 2004. Airborne Magnetic Survey, Kirkland Lake Area, Map 81944, Scale 1:20,000

Ontario Geological Survey, 2000. Airborne Magnetic and Electromagnetic Surveys, Kirkland Lake Area, Map 82039, Scale 1:20,000

Ontario Geological Survey, 1979. Airborne Electromagnetic Survey, Total Intensity Magnetic Survey, Eby Township, Kirkland Lake Area, Preliminary Map P.2268, Scale 1:20,000

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

Ploeger, F., Campbell, A., and Grabowski, G. 1979: Eby Township, District of Timiskaming; Ontario Geological Survey Preliminary Map P.903, Kirkland Lake Data Series. Scale 1: 15 840 or 1 inch to ¼ mile. Data compiled 1978.

Sharpley, Fred J., 2004. Summary Report on Diamond Drilling Program 2004, Eby-Otto Property, Eby Township, Ontario, Larder Lake Mining Division for GLR Resources Inc.. 8 p

Thurston, P.C. 1991. Geology of Ontario: Introduction; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 3-27.

APPENDIX I Table of Lithologies (Ayer, J.A. and Trowell, N.F. 2000)

Within this lithological grouping, age relationships are not implied by the authors (Ayer and Trowell, 2000). While some individual rock types (intermediate, felsic) are not broken out, this regional lithological classification provides best control for other lithological interpretations in the proximity of drilling, and specific control for the current work program. Squared brackets indicate units known to be present, or impinging on the claim area

PHANEROZOIC

Pleistocene and Recent
[sand, gravel, clay and wetland deposits]

UNCONFORMITY

PALEOZOIC
Mesozoic (Jurassic kimberlite**)**
Silurian (sediments)
Ordovician (sediments)

INTRUSIVE CONTACT

PRECAMBRIAN
Proterozoic

Nippising
17 Mafic Intrusive Rocks: diabase, granophyre

Huronian Supergroup
16b Gowganda Formation sedimentary rocks
15b Biscotasing diabase dikes
15d Abitibi diabase dikes

INTRUSIVE CONTACT

Archean
Neoarchean

13 Alkalic Intrusive Suite
[13a] Syenite, monzonite, granite
[13b] Diorite, syenodiorite, monzogabbro, hornblendite

12 Felsic to Intermediate Intrusive Suite
12a Tonalite, granodiorite, trondhjemite
12b Granite, quartz monzodiorite, quartz diorite
12c Schistose textured

11 Porphyry Suite
11a Porphyry
11b Quartz and/or feldspar porphyry
11d Tonalite, granodiorite

10 Mafic Intrusive Rocks
[10a] Diorite, gabbro, metagabbro

10b Porphyritic

APPENDIX I Table of Lithologies (Ayer, J.A. and Trowell, N.F. 2000 cont'd.)

10c Anorthositic gabbro, leucogabbro
10d Granophyre

9 Ultramafic Intrusive Rocks
9a Peridotite, pyroxenite
9c Schistose-textured

INTRUSIVE CONTACT

8 Timiskaming-Type Clastic Metasedimentary Rocks
8a Arenite
8b Wacke
8c Conglomerate
8d Mudstone, siltstone
8e Schistose-textured

7 Chemical metasedimentary rocks
7a Iron formation
[7b] Oxide facies
[7c] Sulfide facies
[7d] Silicate facies, chert
[7e] Graphite facies

6 Clastic metasedimentary rocks (arenite, wacke, conglomerate, mudstone, siltstone, schistose)
6a Arenite
6b Wacke
6d Mudstone, siltstone
6f Schistose-textured

Alkalic Metavolcanic Rocks, Intrusions; Unconformable, Timiskaming Type
5a Massive flows
5b Porphyritic flows
5c Tuff
5d Breccia, pyroclastic breccia

Felsic (to Intermediate) Metavolcanic Rocks/Intrusions
4a Massive flows
4b Tuff, lapilli tuff
4c Tuff, breccia, pyroclastic breccia
4d Porphyritic
4e Spherulitic
4f Schistose-textured
4C Calc-alkalic
4T Tholeiite

Intermediate (to Felsic) Metavolcanic Rocks/Intrusions

3a Massive flows
3b Pillowed flows
[3c] Variolitic flows
3d Hyaloclastite, flow breccia
3e Amygdaloidal flows

[3f] Tuff, lapilli tuff

APPENDIX I Table of Lithologies (Ayer, J.A. and Trowell, N.F. 2000 cont'd.)

3g Tuff breccia, pyroclastic breccia
3h Schistose textured

Mafic (to Intermediate Metavolcanic Rocks/Intrusions
[2a] Massive flows (Mafic to intermediate metavolcanic rocks, intrusions)
[2b] Pillowed flows (Mafic to intermediate metavolcanic rocks)
[2c] Variolitic flows
2d Hyaloclastite, flow breccia
[2e] Amygdaloidal flows
2h Schistose textured
2C Calc-alkalic
[2F] High-iron tholeiite
[2M] High-magnesium tholeiite
2F High-iron tholeiite
2T Tholeiite

Ultramafic (to Mafic) Metavolcanic Rocks/Intrusions

[1a] Massive flows/intrusions
[1b] Polysutured flows
[1c] Spinifex-textured flows
1d Pillowed flows
1f Schistose-textured
[1B] Basaltic komatiite
[1K] Komatiite
1O Olivine-spinifex

2

APPENDIX II Table of Lithologies (Lovell, 1972)

Lovell (1972, Map 2239) offers the following composite of metavolcanic and sedimentary rocks from detailed mapping of Eby and Otto Townships. Angle brackets <> indicate units impinging on (intrusion/alteration); on strike with; or most relevant to the property drilling.

PHANEROZOIC

Pleistocene and Recent

<Silt, clay, sand, gravel>

UNCONFORMITY

PRECAMBRIAN

Proterozoic

9 Late mafic intrusive rocks
9a Diabase

Huronian
Cobalt Group
Gowganda Formation

8a Conglomerate
8b Arkose, greywacke, argillite

UNCONFORMITY

7 Alkalic Intrusive Rocks
<7a> Coarse-grained syenite, syenite porphyry, pegmatite
<7b> Mafic syenite, syenite contaminated by country rocks
<7c> Medium-grained syenite, aplite dykes
7d Syenite with numerous xenoliths and autoliths
7e Lamprophyre
7f Quartz syenite granite
7g Diorite

Matachewan or Nippissing
<6> Diabase

INTRUSIVE CONTACT

Archean

5 Felsic Intrusive Rocks (Algoman)
5a granite, porphyritic granite, granodiorite
5b Granodioritic gneiss
<5c> Syenite and trachyte
<5d> Mafic syenite and mafic trachyte

INTRUSIVE CONTACT

4 Early Mafic and Ultramafic Rocks (Haileyburian, Early Algoman and Keewatin)
4a Serpentinite, peridotite
<4b> Gabbro, diorite

APPENDIX II Table of Lithologies (Lovell, 1972) cont'd.

INTRUSIVE CONTACT

3 Metasediments (Timiskaming and Keewatin)
<3a> Conglomerate
3b Quartzite, greywacke
3c Tuff, agglomerate, minor amounts of trachyte agglomerate, breccia

UNCONFORMITY AND INTERBEDDING

2 Felsic metavolcanics (Keewatin)
<2a> Rhyolite, dacite
<2b> Iron formation, silicic tuff, agglomerate
2c Dacite porphyry; amygdaloidal dacite and spherulitic dacite

1 Mafic metavolcanics and metasediments
<1a> Basalt, andesite
<1b> Chloritic mafic tuff, agglomerate
1c Altered (bleached, carbonatized) volcanic and sedimentary rocks
<1d> Amphibolite, garnet-epidote amphibolite, amphibolite gneiss
<1e> Andesite porphyry, amygdaloidal and spherulitic dacite
1g Biotite-garnet-pyroxene amphibolite

3

APPENDIX III Table of Lithologies (Lovell, 1968)

Lovell (1968, Map P448) previously outlined the following composite of metavolcanic and sedimentary rocks from detailed mapping of Eby and Otto Townships. Braces {} indicate units impinging on (intrusion/alteration); on strike with; or most relevant to the property drilling.

CENOZOIC

Pleistocene and Recent

{sand, gravel,clay}

UNCONFORMITY

PRECAMBRIAN

Proterozoic

8 Mafic intrusive rocks (Nippissing or Keweenawan)

Huronian

Cobalt Group

Gowganda Formation

7a Conglomerate
7b Arkose
7c Quartzite and grewacke
7d Argillite and slate

UNCONFORMITY

Archean

Mafic Intrusive Rocks (Matachewan)
{6} Diabase

INTRUSIVE CONTACT

5 Felsic Intrusive Rocks (Algoman)
5a Granite and granodiorite
5b Granite gneiss
{5c} Syenite and syenite porphyry
{5d} Mafic syenite, lamprophyre and hybrid syenite and country rocks

INTRUSIVE CONTACT

4 Mafic and Ultramafic Intrusive Rocks (Haileyburian, Early Algoman and some Keewatin)
4a Serpentinite, peridotite
{4b} Gabbro and diorite

APPENDIX III Table of Lithologies (Lovell, 1968) cont'd.

INTRUSIVE CONTACT

3 Metasediments (Timiskaming or Keewatin)
{3a} Conglomerate
3b Arkose
{3c} Quartzite and greywacke
3d Argillite and slate
3e Tuff and agglomerate, minor amounts of trachyte, trachytic agglomerate and breccia

UNCONFORMITY

2 Felsic metavolcanics (Keewatin)
2a Rhyolite and dacite
{2b} Iron formation, silicic tuff and agglomerate
2c Dacite porphyry, amygdaloidal dacite and spherulitic dacite

1 Mafic metavolcanics and metasediments
{1a} Basalt and andesite (pillowed and massive)
{1b} Mafic agglomerate and tuff
1c Altered (bleached, carbonatized) volcanic and sedimentary rocks
{1d} Amphibolite and amphibolite (quartz-diorite) gneiss
1e Andesite porphyry, amygdaloidal andesite and variolitic mafic volcanic rocks

4

APPENDIX IV Table of Lithologies (Pigeon, L and Berger, B.R., 2004)

Detailed mapping of Otto and Eby Townships at 1:20 000 scale presented the following classification. Round brackets () indicate units impinging on (intrusion/alteration); on strike with; or most relevant to the property drilling

PHANEROZOIC

CENOZOIC

QUATERNARY

RECENT

Lake, stream, wetland deposits

PLEISTOCENE

Glacial, glaciofluvial and glaciolacustrine deposits; sand, gravel, clay

UNCONFORMITY

PRECAMBRIAN

PROTEROZOIC

PALEOPROTEROZOIC

Huronian Supergroup

Cobalt Group

Gowganda Formation

13a Conglomerate
13b Sandstone and arkose

UNCONFORMITY

12 Mafic Intrusive Rocks (Diabase Dikes)
12a,(b) Diabase (Matachewan swarm, <1% plagioclase phenocrysts, >1% phenocrysts, respectively)
12c Diabase, medium-grained, equigranular, unknown affinity

INTRUSIVE CONTACT

ARCHEAN

NEOARCHEAN

11 Metamorphosed Calc-Alkalic Felsic and Intermediate Intrusive Rocks

11a Massive to foliated tonalite
11c Massive to foliated granodiorite, granite
11d Gneiss, compositional mineral layering
11h Xenolith bearing
11i Tonalite dikes

10 Metamorphosed Alkalic Felsic and Intermediate Intrusive Rocks
(10a) Syenite, medium to coarse-grained, equigranular
10b Monzonite, quartz monzonite
10c Alkaline granite, quartz syenite
(10d) "Spotted" syenite, 1-10% ultramafic nodules
(10e) Aplite dykes
(10g) Feldspar porphyry, syenitic composition

(10j) Albitite

APPENDIX IV Table of Lithologies (Pigeon, L and Berger, B.R., 2004 cont'd.)

(10k) Syenite gneiss
(10l) Aplitic syenite
(10n) Syenite, coarse-grained to pegmatite
(10p) Syenite, mesocratic to melanocratic
10q Xenolith bearing
10r Biotite bearing
(10s) Syenite, potassium feldspar megacrystic

INTRUSIVE CONTACT

9 Metamorphosed Alkalic Ultramafic and Mafic Intrusive Rocks
(9a) Hornblendite and/or pyroxenite
(9b) Melasyenite
(9c) Xenolith bearing
9d Mafic syenitic schist
(9e) Phlogopite-amphibole lamprophyre
(9f) Alkalic gabbro/diorite
9g Amphibole +/- mica lamprophyre
9i Gabbro, melagabbro, mica-bearing
9j Megacrystic amphibole

INTRUSIVE CONTACT
8 Metamorphosed Tholeiitic Ultramafic and Mafic Intrusive Rocks
(8a) Peridotite; massive, talc and serpentine bearing
(8c) Gabbro
8d Schist
8e Diorite to quartz diorite
8h Intrusion breccia
8j Leucogabbro
8k "Knobby" gabbro
(8l) ?

INTRUSIVE CONTACT
7 Alkalic Metavolcanic and Related Intrusive Rocks- Timsikaming Assemblage
7a Massive mafic and intermediate flows with biotite +/- amphibole phenocrysts
7b Intermediate to felsic tuff and lapilli tuff; heterolithic, epiclastic
7c Intermediate to felsic tuff breccia; heterolithic, epiclastic
7d Trachyte flows: feldspar phenocrystic to porphyritic
7e Intermediate to felsic alkalic dikes and sills

6 Clastic and Chemical Metasedimentary Rocks- Timiskaming Assemblage
6a Wacke, sandstone, arkose
6b Siltstone
6c Argillite
6d Conglomerate, polymictic, clast and matrix supported
6e Schist
6h Pebbly conglomerate and grit

5 Clastic and Chemical Metasedimentary Rocks- Turbidite Related
(5a) Wacke
(5b) Siltstone

APPENDIX IV Table of Lithologies (Pigeon, L and Berger, B.R., 2004, cont'd.)

(5c) Sandstone?
5d Graphitic and pyritic ironstone +/- chert
(5e) Chert
5f Schist
(5g) Garnetiferous
(5h) Tuffaceous; fine to medium-grained, feldspathic
(5j) Conglomerate, metavolcanic and metasedimentary clasts, 1 to 40 cm in size
(5k) Amphibolitic metasedimentary rocks, recrystallized
(IF) Iron formation; magnetite-chert, laminated to thinly bedded

Felsic Metavolcanic Rocks
(4a) Flows
(4b) Tuff, lapilli tuff
4p Quartz-feldspar tonalite dikes; rarely porphyritic

Intermediate Metavolcanic Rocks
3a Massive to flow laminated
3d Tuff and lapilli tuff
(3e) Schist
(3f) Tuff breccia and breccia, pyroclastic and epiclastic
(3l) Amphibolite with calc-silicate alteration +/- feldspar porphyroblasts
(3n) Gneiss

Mafic (to Intermediate Metavolcanic Rocks/Intrusions
(2a) Flows, massive
(2b) Flows, pillowed
(2c) Pillow and/or flow top breccia
(2d) Tuff and lapilli tuff
2e Schist
(2f) Variolitic
2g Amygdaloidal
2h Plagioclase bearing; may be porphyritic
2k Leucoxene bearing
(2l) Amphibolite
(2m) Calc-silicate alteration, epidote-chlorite bands, veins, patches +/- calcite veins
(2n) Gneiss
2p Basaltic dikes

Ultramafic and Mafic Metavolcanic Rocks (Komatiites)

1a Flows, massive flows
1b Flows, spinifex textured
1c Schist
1d Komatiitic basalt, very soft, dark green
1e Flow breccia
1f Polysuture-texture flows

5

APPENDIX V Table of Lithologies (Sharpley, 2004)

From GLR Resources Inc.'s drill hole program in 2004 (Eby-04-01) we have specific lithologies at depth, and in part, on strike from the current drill hole.

/6a/ Syenite
/6b/ Feldspar porphyry
/6c/ Syenite porphyry
/5/ Gabbro
/4/ Felsic(to intermediate) volcanics: tuff, fragmental, graphitic argillite (silicified, graphitic, garnetiferous, chloritized)
/1/ Mafic (to intermediate) volcanics: tuff, fragmental (silicified, garnetiferous)

6

APPENDIX VI ICP Whole Rock Assays

PAGE 01/01
SWASTIKA LABORATORIE
17056423300
06/21/2005 11:59

Assayers Canada
8282 Sherbrooke St., Vancouver, B.C., V5X 4R6
Tel: (604) 327-3436 Fax: (604) 327-3423

Report No : 5W1379 RL
Date : Jun-20-05

GLR RESOURCES INC.
Attention: J.HAVA
Project: EBY-OTTO
Sample: Whole Rock

ICP Whole Rock Assay

Lithium Metaborate Fusion

Sample Number	SiO_2 %	Al_2O_3 %	Fe_2O_3 %	CaO %	MgO %	Na_2O %	TiO_2 %	K_2O %	MnO %	P_2O_5 %	LOI %	Ba ppm	Sr ppm	Zr ppm	Sc ppm	Y ppm	Be ppm	Co ppm	Cr ppm	Cu ppm	Ni ppm	V ppm	Zn ppm	Rb ppm	Nb ppm	Total %
62301	50.62	13.16	10.84	8.83	7.57	3.15	0.99	0.86	0.24	0.10	2.46	298	117	74	38	25	<5	47	385	53	122	254	73	117	21	98.99
62307	46.48	10.91	9.71	6.77	13.53	1.99	0.65	0.56	0.17	0.16	8.75	156	106	74	22	12	<5	51	867	<5	527	170	60	134	11	99.90
62330	49.87	11.56	11.51	12.12	8.05	1.98	0.69	1.19	0.28	0.33	1.96	357	423	62	34	14	<5	56	889	75	236	200	61	212	13	99.81
62338	61.01	15.49	4.19	4.13	3.39	5.64	0.50	2.68	0.06	0.16	1.08	1155	488	112	12	8	<5	15	117	<5	45	98	42	153	<10	98.55
62412	73.01	0.74	20.55	1.76	1.96	0.07	0.03	0.06	0.29	0.09	0.26	11	70	14	<5	7	<5	<5	113	<5	14	13	22	<100	<10	98.85
62457	67.06	12.32	4.89	2.37	2.80	2.44	0.53	3.74	0.09	0.06	2.72	956	314	75	13	8	<5	24	422	82	70	103	62	<100	<10	99.24

Sample is fused with Lithium metaborate and dissolved in dilute HNO3.

Signed:

2 306 46

APPENDIX VII Assays

Swastika Laboratories Ltd

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Geochemical Analysis Certificate

5W-1382-RG1

Company: **GLR RESOURCES INC.**
Project: Eby Otto
Attn: J. Hava

Date: JUN-15-05

We hereby certify the following Geochemical Analysis of 22 Pulp samples submitted JUN-09-05 by .

Sample Number	Pb PPM
62317	27
62318	12
62382	1350
62383	5440
62384	101
62385	27
62386	1710
62387	10
62388	34
62389	2400
62390	13
62391	57
62392	5
62393	35
62394	6
62395	56
62428	7
62429	128
62430	2
62431	7
62432	103
62433	9

Certified by Denis Charbonneau

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Geochemical Analysis Certificate

5W-1383-RG1

Company: **GLR RESOURCES INC.**
Project: Eby-Otto
Attn: J. Hava

Date: JUN-14-05

We hereby certify the following Geochemical Analysis of 26 Core samples submitted JUN-09-08 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM
62488	24	24	0.4	162	12	587
62489	3	2	0.3	166	3	946
62490	Nil	-	0.3	170	5	349
62491	Nil	-	0.5	227	20	1110
62492	58	-	0.3	139	15	561
62493	41	-	0.3	140	13	849
62494	Nil	-	0.2	88	4	166
62495	Nil	-	0.1	68	10	38
62496	Nil	-	0.1	54	1	363
62497	Nil	-	0.3	56	1	647
62498	Nil	-	0.3	55	9	858
62499	3	-	0.2	59	6	963
62500	Nil	-	0.2	60	18	959
89001	7	-	0.1	24	1	191
89002	17	-	0.1	12	1	32
89003	48	-	0.1	11	2	55
89004	Nil	-	0.1	29	7	153
89005	41	31	0.1	88	6	497
89006	31	-	0.1	134	12	461
89007	Nil	-	0.1	27	7	106
89008	10	-	0.1	16	15	63
89009	Nil	-	0.1	12	1	47
89010	10	-	0.1	8	1	61
89011	Nil	-	0.3	18	215	28
89012	Nil	-	0.2	176	5	335
89013	21	-	0.2	254	36	1540
Blank	Nil	-	-	-	-	-
STD OxK18	3374	-	-	-	-	-

Certified by Judy Rees

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Geochemical Analysis Certificate

5W-1280-RG1

Company: **GLR RESOURCES INC.**
Project: Eby-Otto
Attn: J. Hava

Date: JUN-03-05

We hereby certify the following Geochemical Analysis of 30 Core samples submitted MAY-31-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
Blank	Nil	-	-	-	-
STD OxK18	3435	-	-	-	-

Certified by Denis Charette

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Geochemical Analysis Certificate

5W-1280-RG1

Company: **GLR RESOURCES INC.**
Project: Eby-Otto
Attn: J. Hava

Date: JUN-03-05

We hereby certify the following Geochemical Analysis of 30 Core samples submitted MAY-31-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62458	3	-	0.8	103	51
62459	Nil	-	0.1	8	60
62460	2	Nil	0.2	81	111
62461	Nil	-	0.1	69	123
62462	3	-	0.1	70	105
62463	Nil	-	0.1	82	19
62464	Nil	-	0.1	117	22
62465	Nil	-	0.1	21	35
62466	Nil	-	0.1	10	30
62467	Nil	-	0.1	15	31
62468	Nil	-	0.1	41	29
62469	2	-	0.1	11	31
62470	Nil	-	0.1	9	19
62471	Nil	-	0.1	25	21
62472	Nil	-	0.1	9	32
62473	Nil	-	0.1	11	17
62474	Nil	-	0.1	17	24
62475	Nil	-	0.1	5	23
62476	Nil	Nil	0.1	17	25
62477	Nil	-	0.1	6	24
62478	Nil	-	0.1	14	28
62479	3	-	0.1	12	23
62480	Nil	2	0.2	71	297
62481	7	-	0.1	25	102
62482	10	-	0.1	15	80
62483	14	-	0.1	18	49
62484	7	-	0.1	12	34
62485	3	-	0.2	43	155
62486	Nil	-	0.1	37	66
62487	3	-	0.2	137	316

Certified by Denis Charette

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Geochemical Analysis Certificate

5W-1265-RG1

Company: **GLR RESOURCES INC.**
Project: Eby 1625
Attn: J. Hava

Date: JUN-02-05

We hereby certify the following Geochemical Analysis of 21 Core samples submitted MAY-30-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62437	3	-	0.1	16	38
62438	7	-	0.1	16	77
62439	10	-	0.1	17	55
62440	10	-	0.1	19	40
62441	10	3	0.1	15	66
62442	3	-	0.1	20	77
62443	3	-	0.1	10	34
62444	Nil	-	0.1	35	275
62445	Nil	-	0.1	28	259
62446	2	-	0.1	56	60
62447	3	-	0.2	41	59
62448	Nil	-	0.2	61	283
62449	Nil	-	0.1	57	179
62450	Nil	-	0.1	138	125
62451	3	-	0.1	44	151
62452	Nil	-	0.2	50	88
62453	Nil	-	0.1	55	131
62454	Nil	-	0.1	35	49
62455	Nil	-	0.1	41	60
62456	Nil	-	0.1	65	95
62457	3	-	0.1	70	83

Certified by _____

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Geochemical Analysis Certificate

5W-1232-RG1

Company: **GLR RESOURCES INC.**
Project: Eby 1625
Attn: J. Hava

Date: MAY-31-05

We hereby certify the following Geochemical Analysis of 23 Core samples submitted MAY-26-05 by .

Sample Number	Au PPB	Au Check PPB	Ag g/tonne	Cu PPM	Zn PPM
62414	2	Nil	0.1	31	41
62415	Nil	-	0.1	33	91
62416	Nil	-	0.1	79	75
62417	Nil	-	0.1	38	78
62418	3	-	0.1	42	62
62419	3	-	0.1	35	45
62420	Nil	-	0.1	45	135
62421	2	Nil	0.2	53	107
62422	10	-	0.1	16	55
62423	Nil	-	0.1	24	22
62424	Nil	-	0.1	17	30
62425	10	-	0.2	32	122
62426	Nil	-	0.2	94	502
62427	Nil	-	0.1	50	135
62428	3	-	0.2	161	900
62429	Nil	-	0.1	20	72
62430	Nil	-	0.1	31	131
62431	Nil	-	0.7	285	1600
62432	Nil	-	0.1	37	110
62433	Nil	-	0.3	69	776
62434	3	2	0.3	30	103
62435	3	-	0.1	25	92
62436	Nil	-	0.1	23	22
Blank	Nil	-	-	-	-
STD OxK18	3291	-	-	-	-

Certified by Denis Charette

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Geochemical Analysis Certificate

5W-1208-RG1

Company: **GLR RESOURCES INC.**
Project: EBY-1625
Attn: J.Hava

Date: MAY-30-05

We hereby certify the following Geochemical Analysis of 30 Core samples submitted MAY-25-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
Blank	Nil	-	-	-	-
STD OxK18	3409	-	-	-	-

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Geochemical Analysis Certificate

5W-1208-RG1

Company: **GLR RESOURCES INC.**
Project: EBY-1625
Attn: J.Hava

Date: MAY-30-05

We hereby certify the following Geochemical Analysis of 30 Core samples submitted MAY-25-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62384	7	-	0.1	27	186
62385	33	-	0.2	44	254
62386	14	-	1.5	63	2630
62387	3	-	0.1	31	83
62388	3	-	0.1	62	140
62389	2	-	2.8	459	3620
62390	17	-	0.2	400	96
62391	2	-	1.0	148	4550
62392	Nil	-	0.1	27	423
62393	Nil	-	1.2	730	6930
62394	3	-	0.4	144	709
62395	3	2	0.2	281	2220
62396	2	-	0.3	59	545
62397	5	-	0.1	45	174
62398	Nil	-	0.1	33	125
62399	2	-	0.1	17	60
62400	Nil	-	0.1	12	63
62401	Nil	-	0.1	15	67
62402	Nil	-	0.1	18	65
62403	5	-	0.1	55	165
62404	Nil	-	0.1	73	74
62405	2	-	0.1	18	72
62406	24	-	0.1	46	80
62407	Nil	-	0.1	30	95
62408	Nil	-	0.1	34	82
62409	Nil	-	0.1	32	58
62410	Nil	-	0.1	8	36
62411	Nil	-	0.1	19	24
62412	Nil	5	0.1	17	3
62413	Nil	-	0.1	29	7

Certified by Denis Chortyk

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Geochemical Analysis Certificate

5W-0680-RG1

Company: **GLR RESOURCES LTD**
Project: Eby 1625
Attn: J. Hava

Date: APR-04-05

We hereby certify the following Geochemical Analysis of 18 Core samples submitted MAR-29-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62366	Nil	-	0.1	7	33
62367	Nil	-	0.1	14	31
62368	Nil	5	0.1	10	24
62369	Nil	-	0.1	15	23
62370	Nil	-	0.1	9	22
62371	Nil	-	0.1	7	24
62372	Nil	-	0.1	14	22
62373	2	-	0.1	13	29
62374	Nil	-	0.1	21	21
62375	Nil	-	0.1	17	249
62376	Nil	-	0.3	47	500
62377	Nil	-	0.2	24	188
62378	Nil	-	0.1	21	80
62379	Nil	-	0.1	19	126
62380	Nil	-	0.2	20	238
62381	22	-	0.2	21	127
62382	Nil	-	1.9	77	2320
62383	17	-	1.8	142	4870

Certified by Denis Charette

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Geochemical Analysis Certificate

5W-0622-RG1

Company: **GLR REOURCES INC.**
Project: Eby 1625
Attn: J. Hava

Date: MAR-29-05

We hereby certify the following Geochemical Analysis of 15 Core samples submitted MAR-23-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62351	Nil	-	0.1	23	28
62352	2	-	0.1	13	29
62353	Nil	-	0.1	40	25
62354	Nil	-	0.1	12	30
62355	Nil	-	0.1	35	22
62356	3	3	0.1	24	25
62357	5	-	0.1	15	22
62358	2	-	0.1	9	21
62359	Nil	-	0.1	13	17
62360	Nil	-	0.1	13	29
62361	Nil	-	0.1	14	25
62362	Nil	-	0.1	13	21
62363	12	-	0.1	10	30
62364	Nil	-	0.1	10	18
62365	12	15	0.1	8	15
Blank	Nil	-	-	-	-
STD OxK18	3560	-	-	-	-

Certified by Denis Chartre

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Assay Certificate

5W-0610-RA1

Company: **GLR RESOURCES INC.**
Project: Eby 1625
Attn: J. Hava

Date: MAR-29-05

We hereby certify the following Assay of 50 Core samples submitted MAR-23-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62331	9	-	0.1	14	14
62332	5	-	0.1	20	17
62333	Nil	-	0.1	23	16
62334	Nil	Nil	0.1	40	23
62335	Nil	-	0.1	27	32
62336	Nil	-	0.1	17	22
62337	Nil	-	0.1	16	30
62338	Nil	-	0.1	17	14
62339	3	-	0.1	5	30
62340	Nil	-	0.1	33	28
62341	2	-	0.1	32	40
62342	17	5	0.1	43	21
62343	Nil	-	0.1	22	28
62344	Nil	-	0.1	8	39
62345	Nil	-	0.1	50	24
62346	Nil	-	0.1	11	25
62347	Nil	-	0.1	12	23
62348	2	-	0.1	10	31
62349	5	-	0.1	15	29
62350	3	-	0.1	23	22
Blank	Nil	-	-	-	-
STD OxK18	3368	-	-	-	-

Certified by Denis Charette

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Assay Certificate

5W-0610-RA1

Company: **GLR RESOURCES INC.**
Project: Eby 1625
Attn: J. Hava

Date: MAR-29-05

We hereby certify the following Assay of 50 Core samples submitted MAR-23-05 by .

Sample Number	Au PPB	Au Check PPB	Ag PPM	Cu PPM	Zn PPM
62301	3	-	0.1	73	29
62302	5	-	0.1	145	80
62303	2	-	0.1	196	71
62304	Nil	-	0.2	53	76
62305	Nil	-	0.1	55	60
62306	7	-	0.1	53	56
62307	5	7	0.1	40	75
62308	Nil	-	0.1	50	82
62309	Nil	-	0.1	200	57
62310	Nil	-	0.1	66	37
62311	19	14	0.1	11	40
62312	3	-	0.1	14	36
62313	Nil	-	0.1	52	44
62314	Nil	-	0.1	56	92
62315	Nil	-	0.1	121	77
62316	10	-	0.1	62	49
62317	81	60	0.3	234	1320
62318	2	-	0.2	191	1190
62319	Nil	-	0.1	73	53
62320	Nil	Nil	1.1	529	220
62321	Nil	-	0.7	300	146
62322	10	-	0.2	83	674
62323	9	-	0.1	82	500
62324	5	-	0.1	38	375
62325	Nil	-	0.1	43	49
62326	Nil	-	0.1	59	33
62327	Nil	-	0.1	75	22
62328	Nil	-	0.1	86	23
62329	3	-	0.1	65	52
62330	Nil	-	0.1	103	24

Certified by Denis Chartrand

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CERTIFICATE of AUTHOR

I, Julius Hava P. Geo. do hereby certify that:

1. I am a consulting geologist.

2. I graduated with a Bachelors degree in Science (Geol.) from Laurentian University in 1982. In addition, I have obtained a Bachelors degree in Arts (Econ.).

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

4. I have worked as a geologist for over five years since my graduation from university.

5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional association (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.

6. I am responsible for the preparation of the technical report titled Report on the 2005 Drilling Program- Eby-Otto Property, Eby Township, Ontario, Canada and dated July 13, 2005 (the "Technical Report") relating to the Eby-Otto property. I visited the Eby-Otto property intermittently during the period of February 25 to June 27, 2005 in support of the work programme.

7. I have not had prior involvement with the property that is the subject of the Technical Report.

8. I am not aware of any material fact or material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.

9. I am independent of the issuer applying all of the tests in section 1.5 of National Instrument 43-101.

10. I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and that form.

11. I consent to the filing of the Technical Report with any stock exchange and other regulatory authority and any publication by them for regulatory purposes, including electronic publication in the public company files on their websites accessible by the public, of the Technical Report.

Dated this 13th Day of July, 2005.

J. Hava

Julius Hava B.A., B.Sc. (P.Geo.)

GLR Resources Inc.

Eby-Otto Project 2005 Drilling Program
Eby Township, District of Timiskaming, Ontario
Julius Hava P. Geo., July 13, 2005

VOL. 2

2.30646

[redacted].30646

APPENDIX VIII Diamond Drill Record Summary – Lithology, Mineralization, True Width

Diamond Drill Record Summary- Lithology, Mineralization, True Width (APPENDIX VIII)

NAME OF PROPERTY: Eby-Otto

LOCATION: Eby Tp., Larder Lake Mining Div., Dist. Of Timiskaming, Ontario, Canada

UTM Zone 17, NAD 83, NTS 42A/1, N 48 04'17.4", W 80 09' 06.0" (GPS deg/min/sec)

LATITUDE: 1+26 N DEPARTURE: 0+49E ELEVATION: 320m

AZIMUTH: 155 deg. DIP: -48 (initial head setting -45.5 deg.)

LENGTH (m): 502 OVERBUR. 8.6 m CASING (m, pulled Y/N): 10m, N

START: Mar. 16, 2005 END: Mar. 25, 2005 RESUME: May 16-May 25, 2005

OBJECTIVE: To test depth extensions to Eby04-01 mineralization; to test soil geochemistry, AEM anomalies;

RESULT: Weak mineralization over five intervals intersected

DIP TESTS	m/deg
13m/-48	379m/-40
51m/-48	409m/-40
103m/-50	439m/-39
161m/-50	469m/-39
209m/-45	499m/-39
251m/-44	
302m/-42	
346m/-41	

HOLE: Eby05-01, 01A SHEET: 1/4

CLAIM: 1167172

CONTRACTOR: Heath & Sherwood

DRILL: Boyles Super 25

CORE SIZE: BQ

STORAGE: NAPA Auto Parts, Kirkland Lake, ON

LOGGED BY: Julius Hava

METRES FROM	METRES TO	DESCRIPTION	ORIENT. deg to c.a.	UNIT/ SAMPLE No.	ASSAYS FROM	ASSAYS TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb
0.00	8.60	Overburden	28	o/b								
8.60	11.00	Mafic, pillowed metavolcanic (chloritic, tholeitic) dark green with chlorite-quartz-epidote selvages	28	2b								
11.00	13.80	Mafic lapilli tuff, dark green to dark grey; chloritic to magnesian (talcose) mineralogy;with grey lapilli and increasing ash tuff toward bottom of section;	28	2d								
13.80	14.90	Mafic ash tuff; dark green to greyish (chloritic, tholeitic), finely-layered	28	2c								
14.90	22.50	Pyroclastic breccia; dark green (chloritic matrix) with grey to cream-coloured rhyolite; greenish-grey andesite, lesser lapilli (as for 11.0-13.80)	28	2e								
22.50	38.00	Ultramafic metavolcanic (komatiitic); dark grey (talcose), with minor greenish (actinolite), white intervals (tremolite) or banding	29	1								
38.00	59.40	Ultramafic metavolcanic (basaltic komatiite- graphitic actinolite-tremolite schist); white and green banding; layering	29	1								

Diamond Drill Record Summary- Lithology, Mineralization, True Width (APPENDIX VIII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 2/4

METRES FROM	METRES TO	DESCRIPTION	ORIENT. deg to c.a.	UNIT/ SAMPLE No.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb
59.40	89.80	Rhyolite, black to light grey; flow-banded	30	4Ra								
				62317	59.40	60.40	1.00	234	1320	27	0.3	81
				62488	60.40	61.00	0.60	162	587	12	0.4	24
				62489	61.00	62.00	1.00	166	946	3	0.3	3
				62490	62.00	63.00	1.00	170	349	5	0.3	0
				62491	63.00	64.00	1.00	227	1110	20	0.5	0
				62316	64.00	65.00	1.00	191	1190	12	0.2	2
				62492	65.00	66.00	1.00	139	561	15	0.3	58
				62493	66.00	67.00	1.00	140	849	13	0.3	41
				Wtd. Avg.	**59.40**	**67.00**	**7.60**	**180**	**879**	**13**	**0.3**	**26**
				True Width	**Dip Adjusted**		**3.80**		**Vertical Depth**		**(m)**	**45.0**
					& Azimuth Adjusted		**3.44**				**to**	**50.5**
				62497	73.10	74.00	0.90	56	647	1	0.3	0
				62322	74.00	75.00	1.00	83	674	0	0.2	10
				62498	75.00	76.00	1.00	55	858	9	0.3	0
				62499	76.00	77.00	1.00	59	963	6	0.2	3
				62500	77.00	78.00	1.00	60	959	18	0.2	0
				Wtd. Avg.	**73.10**	**78.00**	**4.90**	**63**	**824**	**7**	**0.2**	**3**
				True Width	**Dip Adjusted**		**2.45**		**Vertical Depth**		**(m)**	**55.0**
					& Azimuth Adjusted		**2.16**				**to**	**58.5**
89.80	109.20	Intermediate metavolcanic (andesite), dark green (chloritic) and pistachio green (epidotized);	32.0	3Aa								
109.20	318.70	Feldspathic sandstone (subarkose) brownish or greenish grey;	34.0	6a								
318.70	335.00	Rhyolite, dark grey to dark olive (with sericite development); graphitic to 324.5 m;	39.0	4Ra								

Diamond Drill Record Summary- Lithology, Mineralization, True Width (APPENDIX VIII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 3/4

METRES FROM	METRES TO	DESCRIPTION	ORIENT. deg to c.a.	UNIT/ SAMPLE No.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb
331.00	437.10	Rhyolite, dark-grey to medium grey; flow-banded, minor chamosite-magnetite; some porphyritic	44	**4Ra, 7bd**								
				Eby05-01								
				62382	332.80	333.80	1.00	77	2320	1350	1.9	0
				62383	333.80	335.00	1.20	143	4870	5440	4.8	17
				Eby05-01A								
				62386	332.60	334.00	1.40	63	2630	1710	1.5	14
				Assumed	**332.6**	**334.00**	**1.40**	**63.00**	**2630**	**1710**	**2**	**14.0**
				True Width	**Dip Adjusted**		**0.97**		**Vertical Depth**		**(m)**	**242.0**
					& Azimuth Adjusted		**0.47**				**to**	**245.0**
				62389	341.40	342.00	0.60	459	3620	2400	2.8	2
				62390	342.00	343.00	1.00	400	96	13	0.2	17
				62391	343.00	344.00	1.00	148	4550	57	1.0	2
				62392	344.00	345.00	1.00	27	423	5	0.1	0
				62393	345.00	346.10	1.10	730	6930	35	1.2	0
				62394	346.10	347.10	1.00	144	709	6	0.4	3
				89012	347.10	348.00	0.90	176	335	5	0.2	0
				89013	348.00	349.00	1.00	254	1540	36	0.2	21
				62395	349.00	350.00	1.00	281	2220	56	0.2	3
				Wtd. Avg.	**341.40**	**350.00**	**8.60**	**290**	**2283**	**193**	**0.6**	**5**
				True Width	**Dip Adjusted**		**5.97**		**Vertical Depth**		**(m)**	**248.0**
					& Azimuth Adjusted		**2.71**				**to**	**253.0**
				62431	429.24	430.20	0.96	285	1600	7	0.7	0
				62432	430.20	431.00	0.80	37	110	103	0.1	0
				62433	431.00	432.00	1.00	69	776	9	0.3	0
				Wtd. Avg.	**429.24**	**432.00**	**2.76**	**135**	**870**	**36**	**0.4**	**0**
				True Width	**Dip Adjusted**		**1.92**		**Vertical Depth**		**(m)**	**304.5**
					& Azimuth Adjusted		**0.33**				**to**	**306.0**

Diamond Drill Record Summary- Lithology, Mineralization, True Width (APPENDIX VIII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 4/4

METRES		DESCRIPTION	ORIENT.	UNIT/ SAMPLE	ASSAYS							
FROM	TO		deg to c.a.	No.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au ppb
437.10	463.20	Rhyolite,dark grey, med. grey, olive; flow-banded, no chamosite-magnetite; some porphyritic	**52.0**	**4Ra**								
463.20	497.60	Rhyolite, flow-top breccia; dark grey, black to olive-grey (sericitic);some flow-banded, some lapilli and ash tuff sections; minor dacite flow;	**52.0**	**4De**								
497.60	502.00	Dacite porphyry, light greenish-grey, speckled with fine, white feldspar phenocrysts;	**52.0**	**4Da**								
8.60	**502.00**	**Summary of Mineralization:**										
		Maximum Value						730	6930	5440	4.8	81
		Minimum Value						5	3	0	0.1	0
		Mean Value						61	285	244	0.2	4
		Median Value						33	61	10	0.1	0

APPENDIX IX Diamond Drill Record Summary – Bedding

Diamond Drill Record Summary - Bedding (APPENDIX IX)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 1/1

METRES		DESCRIPTION	UNIT	BEDDING	INFERRED BEDDING	ASSAYS						
FROM	TO			deg to c.a.	deg to azim.	WIDTH FACTOR	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
0.00	8.60		**o/b**	28								
8.60	11.00		**2b**	28								
11.00	13.80		**2d**	28								
13.80	14.90	\So\ 18-28 deg. To c.a., lower contact at 28 deg. To c.a.	**2c**	28								
14.90	22.50		**2e**	28								
22.50	38.00		**1**	29								
38.00	59.40		**1**	29								
59.40	89.80	\So\ 30 deg. To c.a., flow banding	**4Ra**	30								
89.80	109.20		**3Aa**	32								
109.20	318.70	\So\ bedding at 34 deg. To c.a. from contact at 109.2 m	**6a**	34								
318.70	335.00		**4Ra**	39								
331.00	463.20	\So\ 50 deg. To c.a. at 332 m; 44 deg. To c.a. at 362.3 m; 40 deg at 379.0 m; from flow banding	**4Ra, 7bd**	44								
463.20	497.60	\So\ 52 deg. To c.a., flow-banding @ 475.5 m	**4De**	52								
497.60	502.00	\So\ 52 deg. To c.a., contact (brecciated, infilled)	**4Da**	52								

APPENDIX X Diamond Drill Record Summary – Alteration

Diamond Drill Record Summary- Alteration (APPENDIX X)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 1/1

METRES		DESCRIPTION	ALTERATION	SAMPLE	ASSAYS							
FROM	TO			NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
0.00	8.60	Casing and overburden										
8.60	11.00	Mafic, pillowed metavolcanic (chloritic, tholeitic)										
11.00	13.80	Mafic lapilli tuff										
13.80	14.90	Mafic ash tuff										
14.90	22.50	Pyroclastic breccia; dark green (chloritic matrix)										
22.50	38.00	Ultramafic metavolcanic, talcose, with minor actinolite, tremolite	tlc,act,trm									
38.00	59.40	Ultramafic metavolcanic (basaltic komatiite- graphitic actinolite-tremolite schist)	gr,act,trm									
59.40	89.80	Rhyolite, black to light grey; flow-banded										
89.80	109.20	Intermediate metavolcanic, andesite; chloritic (unaltered) or epidotized; some garnetiferous	ep,gnt									
212.00	242.40	Feldspathic sandstone, increasingly chloritized with some limonitic staining	chl,lim									
283.50	318.70	Feldspathic sandstone, variably chloritized or sericitic; locally reddish (hematite);	chl,ser,hem									
318.70	335.00	Rhyolite, sericite development; graphitic to 324.5 m; sericitic alteration from 329.0-332.8 m	ser,gr									
331.00	336.90	Rhyolite, sericitized	ser									
336.90	338.20	Rhyolite, graphitic	gr									
346.10	349.00	Rhyolite, lightly sericitized to greenish-grey; weakly albitized (veinlets, patches); locally graphitic	ser,ab,gr									
349.00	354.80	Rhyolite, albitized, lesser pinkish potassic alteration	ab,Ksp									
354.80	369.10	Rhyolite, minor albite, potassic (pink, hard) alteration (with veinlets, patches)	ab,Ksp									
369.10	379.00	Rhyolite, sericitized with lesser dark grey (unaltered) bands;	ser									
379.00	437.10	Rhyolite, some sericitic sections	ser									
437.10	463.20	Rhyolite, 70% medium grey to olive, sericitic sections with flow-bands overprinted	ser									
463.20	497.60	Rhyolite, flow-top breccia; sericitic	ser									
497.60	502.00											
		Abbreviations: ab- albite, act- actinolite, chl- chlorite, ep- epidote, gr- garnet, hem - hematite, lim- limonite, Ksp - potassic feldspar, ser- sericite, trm- tremolite										

APPENDIX XI Diamond Drill Record Summary – Deformation

Diamond Drill Record Summary- Deformation (APPENDIX XI)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 1/3

METRES		DESCRIPTION	% SULPHIDES	SAMPLE			ASSAYS					
FROM	TO			NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
8.60	11.00	/S1/ 0-14 deg. To c.a., <1 mm, hematite-calcite-quartz veinlets; distinct; wavy, broken; barren										
8.60	11.00	\S2\ 42 deg. To c.a., 1-2 mm, hematitie-calcite-quartz veinlets, distinct, straight, barren										
8.60	11.00	/S3/ 50 deg. To c.a., 1 mm, quartz veinlets; distinct; straight, barren										
8.60	11.00	/S3/ slightly blocky core in S3 orientation										
22.50	38.00	/S1/ 0-24 deg. To c.a., <1 mm, indistinct, wavy to broken veinlets										
22.50	38.00	\S2\ 12-26 deg. To c.a., 25.0-25.9 m gouge and broken core; 29.3-32.0 m (lost core, 77% recovery)										
22.50	38.00	36.7-38.0 m (lost core, 31% recovery)										
22.50	38.00	/S3/ 34-88 deg. To c.a., 23.9-32.0 m; talc gouge with some phlogopite, garnet; lesser blocky core										
22.50	38.00	/S3/ 34 deg. To c.a., 37.4-37.7 m mud seam										
38.00	59.40	/S1/ 0-8 deg. To c.a., wavy to broken, 1-2 mm, calcite veinlets; barren										
38.00	59.40	\S2\ 12-48 deg. To c.a., slightly pinched, wavy tremolite-actinolite, graphite bands or slips; 1-3% pyrite										
38.00	59.40	\S2\ 46.1-54.0 m, broken core										
38.00	59.40	/S3/ 40-48 deg. To c.a., 1-2 mm, quartz-calcite veinlets; distinct; straight, trace pyrite										
89.80	109.20	\S2\ related banding, alteration at 42 deg. To c.a.										
109.20	212.00	/S1/ 0-10 deg. To c.a., 1 mm, indistinct, wavy to broken, hematite-quartz veinlets, barren										
109.20	212.00	\S2\ 32-46 deg. To c.a., distinct, wavy to broken, epidote veinlets										
109.20	212.00	\S2\ mud seam at 123.8 m										
109.20	212.00	\S2\ broken to blocky core 145.0-149.0, 156.7-168.0, 183.2-212.7, 220.9-222.7, 232.5-232.9 m										
212.00	242.40	/S1/ 0-30 deg. To c.a., broken to wavy, (increasingly) calcite-epidote-quartz veinlets down interval										
212.00	242.40	\S2\ 30-50 deg. To c.a., chlorite-epidote enriched, narrow seams; parallel chlorite-epidote wall alteration										
212.00	242.40	/S3/ 10-63 deg. To c.a., quartz veins; 1.2 cm @ 227.6 m; 2 cm wide @ 240.8 (bottom); barren; non-magnetic, non-reactive to HCl										

Diamond Drill Record Summary- Deformation (APPENDIX XI)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 2/3

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
242.40	283.50	\So\ 28 deg. To c.a., bedding from elongated pebble, feldspar clast alignments										
242.40	283.50	/S1/ 0-32 deg. To c.a., < 1 mm, wavy to broken, hematite-quartz veinlets, barren										
242.40	283.50	\S2\ 28-54 deg. To c.a., straight to slightly wavy, some broken, veinlets; some seams with chloritic slips										
242.40	283.50	\S2\ blocky core in S2 orientation; localized shearing, clast deformation; trace pyrite										
242.40	283.50	/S3/ 40-85 deg. To c.a., 1-3 mm, hematite-calcite-quartz veinlets, weakly foliated; some straight veinlets with hematite in margins, otherwise barren										
283.50	318.70	\So\ 28 deg. To c.a., bedding from finer sediment -coarser sediment lamination in unit at 295.6 m										
283.50	318.70	/S1/ 0-26 deg. To c.a., 1 mm; wavy to broken; calcite-hematite-quartz veinlets, barren										
283.50	318.70	\S2\ 12-50 deg. To c.a., veinlets, veins, seams; with chlorite-hematite-epidote alteration; non-reactive to HCl; trace pyrite with chloritic partings										
283.50	318.70	\S2\ competent 290.5-296.2; mudseam @ 297.5-298 accompanying gouge @ 20 deg. To c.a., pyrite 1%; otherwise blocky to broken										
318.70	335.00	/S1/ 0-8 deg. To c.a., <1 mm, indistinct in sericitic-graphitic segments, wavy; calcite-quartz veinlets some with finely recrystallized (anhedral) pyrite;										
318.70	335.00	\S2\ 30-58 deg. To c.a., 1-5 mm, distinct, calcite-quartz veinlets, straight; trace pyrite (anhedral) on margins										
318.70	335.00	\S2\ 320.7-322.7 graphitic seam, gouge and washout										
318.70	335.00	\S2\ 329-332.8, inreasing sericite alteration, cm-scale bands in S2 orientation, becoming pervasive; pyrite-pyrrhotite seam, 3 mm at 334.0 m										
318.70	335.00	\S2\ 332.8-335.0 m, semi-massive pyrrhotite banding to 10% in sections; to 1% sphalerite @ 40 deg to c.a. (32-60 deg. Variations); a few galena veinlets, partings < 1% overall										
318.70	335.00	/S3/ 40 deg. To c.a., 1-2 cm sericite-quartz vein @ 331.6 m (bottom); with recrystallized pyrite (granular) at margins; related sericite alteration 331.0-335.0 m										
331.00	463.20	/S1/ 5-24 deg. To c.a., 1-3 mm, distinct; wavy to broken or pinched; calcite-albite-quartz veinlets and veins (1 cm or greater);										

Diamond Drill Record Summary- Deformation (APPENDIX XI)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01, 01A SHEET: 3/3

METRES		DESCRIPTION	% SULPHIDES	SAMPLE	ASSAYS								
FROM	TO			NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
331.00	463.20	/S1/ 342.6-343.0 quartz-albite vein with massive, pyritic upper 8cm margin; 7% pyrite 341.6-342.0 m overall pyrite = 5% with quartz-chlorite veining										
331.00	463.20	\S2\ coining, broken core, graphitic seams; gouge 333.7-333.95 @ 56 deg. To c.a.; 0.5 m lost core (94% recovery)										
331.00	463.20	\So\ 52 deg. To c.a., flow-banding at 452.6 m										
331.00	463.20	/S1/ 0-34 deg. To c.a., 1-5 mm, distinct; wavy to broken, quartz-calcite veinlets; barren										
331.00	463.20	\S2\ 30-62 deg. To c.a., 1-7 mm, indistinct to distinct, calcite-quartz veinlets with sericitic alteration barren										
331.00	463.20	/S3/ 20-46 deg. To c.a., 1-3 mm, distinct, straight, (pink) potassic feldspar-calcite-quartz veinlets trace pyrite (anhedral) in margins										
331.00	463.20	/S3/ 445.75-445.92 m, 22/46 deg. To c.a., calcite-quartz vein with trace pyrite in margins										
463.20	497.60	spidery network of calcite fillings; veinlets										
463.20	497.60	463.2-466.1m graphitic, broken core with 1% pyrite 475.8-476.75 dacite flow, greenish-grey, softer than rhyolite to blade; finely porphyritic; trace pyrite										
463.20	497.60	\So\ 52 deg. To c.a., flow-banding @ 475.5 m										
463.20	497.60	/S1/ 0-24 deg. To c.a., 1-2 mm, distinct, wavy to broken, quartz-calcite veinlets; barren										
463.20	497.60	\S2\ 36-52 deg. To c.a., 1-5 mm, indistinct to distinct, slightly wavy, some broken, calcite-quartz veinlets; barren										
463.20	497.60	/S3/ 30-52 deg. To c.a., 1-4 mm, distinct, straight, quartz-calcite veinlets; barren										
463.20	497.60	/S3/ 463.4-463.54, calcite-quartz vein at 42 deg. To c.a.; barren										
463.20	497.60	/S3/485.9-486.0, quartz-calcite vein at 60 deg. To c.a.; barren										
497.60	502.00	/S1/ 0-10 deg. To c.a., 1-4mm, distinct, broken, calcite-quartz veinlets; barren										
497.60	502.00	\S2\ 52-64 deg. To c.a., 1-3 mm, calcite-quartz veinlets; barren										
497.60	502.00	/S3/ 32 deg. To c.a., 1-2 mm, distinct, straight, potassic feldspar-calcite-quartz veinlets; barren										

2.30646

APPENDIX XII Diamond Drill Record

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto

LOCATION: Eby Tp., Larder Lake Mining Div., Dist. Of Timiskaming, Ontario, Canada

UTM Zone 17, NAD 83, NTS 42A/1, N 48 04'17.4", W 80 09' 06.0" (GPS deg/min/sec)

LATITUDE: 1+26 N DEPARTURE: 0+49E ELEVATION: 320 m

AZIMUTH: 155 deg. DIP: -48 (initial head setting -45.5 deg.)

LENGTH (m): 502 OVERBUR. 8.6 m CASING (m, pulled Y/N): 10m, N

START: Mar. 16, 2005 END: Mar. 25, 2005 RESUME: May 16-May 25, 2005

OBJECTIVE: To test depth extensions to Eby04-01 mineralization; to test soil geochemistry, AEM anomalies;

RESULT: Weak mineralization over five intervals intersected

DIP TESTS	m/deg
13m/-48	379m/-40
51m/-48	409m/-40
103m/-50	439m/-39
161m/-50	469m/-39
209m/-45	499m/-39
251m/-44	
302m/-42	
346m/-41	

HOLE: Eby05-01, 01A SHEET: 1/14

CLAIM: 1167172

CONTRACTOR: Heath & Sherwood

DRILL: Boyles Super 25

CORE SIZE: BQ

STORAGE: NAPA Auto Parts, Kirkland Lake, ON

LOGGED BY: Julius Hava

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	SAMPLE FROM	SAMPLE TO	ASSAYS METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
0.00	8.60	Overburden										
8.60	11.00	Mafic, pillowed metavolcanic (chloritic, tholeitic) dark green with chlorite-quartz-epidote selvages (So structure); weakly magnetic; no HCl reaction; competent core; trace pyrite										
			tr py	62301	9.00	10.00	1.00	73	29		0.1	3
		/S1/ 0-14 deg. To c.a., <1 mm, hematite-calcite-quartz veinlets; distinct; wavy, broken; barren										
		\S2\ 42 deg. To c.a., 1-2 mm, hematitie-calcite-quartz veinlets, distinct, straight, barren										
		/S3/ 50 deg. To c.a., 1 mm, quartz veinlets; distinct; straight, barren										
		/S3/ slightly blocky core in S3 orientation										
11.00	13.80	Mafic lapilli tuff, dark green to dark grey; chloritic to magnesian (talcose) mineralogy;with grey lapilli and increasing tuff toward bottom of section; veining very restricted; <1% anhedral pyrite in clots, small seams; weak HCl reaction										
			1% py	62458	11.80	12.80	1.00	103	51		0.6	3
			<1% py	62302	12.80	13.80	1.00	145	80		0.1	5
13.80	14.90	Mafic ash tuff; dark green to greyish (chloritic, tholeitic), finely-layered, competent rock; seams of pyrite trace to 3% locally; weakly magnetic; very weak - weak (10%) HCl reaction	tr - 3% py									
		\So\ 18-28 deg. To c.a., lower contact at 28 deg. To c.a.	2% py	62303	13.80	14.90	1.10	196	71		0.1	2

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 2/14

METRES		DESCRIPTION	% SULPHIDES	SAMPLE			ASSAYS					
FROM	TO			NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
14.90	22.50	Pyroclastic breccia; dark green (chloritic matrix) with grey to cream-coloured rhyolite; greenish-	1-2% py									
		grey andesite, lesser lapilli (as for 11.0-13.80); rhyolite bomb mineralized with euhedral to	tr cpy									
		subhedral pyrite, otherwise 1-2% pyrite, trace chalcopyrite; weakly magnetic, no- to very weak										
		HCl reaction;	1% py	62304	14.90	15.90	1.00	53	76		0.2	nil
			tr cpy									
			1% py	62305	20.00	21.00	1.00	55	60		0.1	nil
			1% py	62306	21.00	22.50	1.50	53	56		0.1	7
22.50	38.00	Ultramafic metavolcanic (komatiitic); dark grey (talcose), with minor greenish (actinolite), white										
		intervals (tremolite) or banding; non- to moderately magnetic (more in actinolite rich sections)										
		weak HCl reaction; <1% pyrite										
			1% py	62307	22.50	23.50	1.00	40	75		0.1	5 (7)
		/S1/ 0-24 deg. To c.a., <1 mm, indistinct, wavy to broken veinlets	1% py	62308	23.50	24.50	1.00	50	82		0.1	nil
		\S2\ 12-26 deg. To c.a., 25.0-25.9 m gouge and broken core; 29.3-32.0 m (lost core, 77% recovery)	1% py	62309	28.00	29.30	1.30	200	57		0.1	nil
		36.7-38.0 m (lost core, 31% recovery)	1% py	62310	29.30	32.00	2.70	66	37		0.1	nil
		/S3/ 34-88 deg. To c.a., 23.9-32.0 m; talc gouge with some phlogopite, garnet; lesser blocky core	<1% py	62459	32.00	33.00	1.00	8	60		0.1	nil
		/S3/ 34 deg. To c.a., 37.4-37.7 m mud seam										
38.00	59.40	Ultramafic metavolcanic (basaltic komatiite- graphitic actinolite-tremolite schist); white and green	1% py	62311	38.00	39.00	1.00	11	40		0.1	19(14)
		banding; layering with dark grey graphitic slips, seams; non- to weakly magnetic (tremolite, graphitic	1% py	62312	39.00	40.00	1.00	14	36		0.1	3
		intervals); moderately magnetic (actinolite-rich bands); weak reaction to HCl (tremolite-actinolite rich	1%py, tr cpy	62313	44.00	45.00	1.00	52	44		0.1	nil
		bands, slips); < 3% pyrite, highest amount in lowest part of interval	1% py	62460	46.00	47.00	1.00	81	111		0.2	2(nil)
		/S1/ 0-8 deg. To c.a., wavy to broken, 1-2 mm, calcite veinlets; barren	1% py	62461	47.00	48.00	1.00	69	123		0.1	nil
		\S2\ 12-48 deg. To c.a., slightly pinched, wavy tremolite-actinolite, graphite bands or slips; 1-3%	1% py	62314	48.00	49.00	1.00	56	92		0.1	nil
		pyrite	2% py	62315	54.00	55.00	1.00	121	77		0.1	nil
		\S2\ 46.1-54.0 m, broken core	1% py	62462	56.00	57.00	1.00	70	105		0.1	3
		/S3/ 40-48 deg. To c.a., 1-2 mm, quartz-calcite veinlets; distinct, straight, trace pyrite										
			3% py	62316	58.40	59.40	1.00	62	49		0.1	10

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 3/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
59.40	89.80	Rhyolite, black to light grey; flow-banded; with pyrite, pyritic banding to 5%; non-magnetic; non-reactive to HCl	3-50% py tr sphalerite									
		\So\ 30 deg. To c.a., flow banding	5% py	62317	59.40	60.40	1.00	234	1320	27	0.3	81(60)
			2% py	62488	60.40	61.00	0.60	162	587	12	0.4	24(24)
		70.3-72.3 m, massive to semi-massive, banded pyrite, pyrrhotite; some massive pyritic bands to 0.2 m with trace sphalerite	tr sph, cpy									
			"	62489	61.00	62.00	1.00	166	946	3	0.3	3(2)
		72.3-89.8 medium to dark grey rhyolite with pyritic seams 40 deg. To c.a., 2% pyrite overall	"	62490	62.00	63.00	1.00	170	349	5	0.3	nil
			2% py	62491	63.00	64.00	1.00	227	1110	20	0.5	nil
			<1% po tr sph, cpy									
			3% py tr sph	62318	64.00	65.00	1.00	191	1190	12	0.2	2
			2% py tr sph, cpy	62492	65.00	66.00	1.00	139	561	15	0.3	58
			"	62493	66.00	67.00	1.00	140	849	13	0.3	41
				Weighted average	**59.40**	**67.00**	**7.60**	**180**	**879**	**13**	**0.3**	
			<1% py, tr cpy	62494	67.00	68.00	1.00	88	166	4	0.2	nil
			tr py	62495	68.00	69.30	1.30	68	38	10	0.1	nil
			3% py,tr po	62319	69.30	70.30	1.00	73	53		0.1	nil
			40% py tr sph	62320	70.30	71.30	1.00	529	220		1.1	nil(nil)

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 4/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
59.40	89.80	Rhyolite, black to light grey; flow-banded, cont'd.	50% py tr sph	62321	71.30	72.30	1.00	300	146		0.7	nil
			2% py, tr sph	62496	72.30	73.10	0.80	54	363	1	0.1	nil
			"	62497	73.10	74.00	0.90	56	647	1	0.3	nil
			"	62322	74.00	75.00	1.00	83	674	0	0.2	10
			1% py tr sph	62498	75.00	76.00	1.00	55	858	9	0.3	nil
			"	62499	76.00	77.00	1.00	59	963	6	0.2	3
			"	62500	77.00	78.00	1.00	60	959	18	0.2	nil
				Weighted average	**73.10**	**78.00**	**4.90**	**63**	**824**	**7**	**0.2**	
			1% py	89001	78.00	79.00	1.00	24	191	1	0.1	7
			2% py,tr sph	62323	79.00	80.00	1.00	82	500		0.1	9
89.80	109.20	Intermediate metavolcanic (andesite), dark green (chloritic) and pistachio green (epidotized); banded alteration; with lesser brownish (garnetiferous) alteration; minor tremolite-epidote rich seams or sections; mottled white to grey (ultramafic relicts); non- to very weakly magnetic; non-reactive to HCl except for tremolite-rich seams (moderate reaction); <1% pyrite, few fine veinlets of quartz-calcite	"	62324	84.00	85.00	1.00	38	375		0.1	5
			<1% py	62325	88.80	89.80	1.00	43	49		0.1	nil
			<1% py	62326	89.80	91.00	1.20	59	33		0.1	nil
				62327	94.00	95.00	1.00	75	22		0.1	nil
		\S2\ related banding, alteration at 42 deg. To c.a.		62328	99.00	100.00	1.00	86	23		0.1	nil
				62463	100.00	101.00	1.00	82	19		0.1	nil
				62464	102.00	103.00	1.00	117	22		0.1	nil
				62329	104.00	105.00	1.00	65	52		0.1	3
				62330	108.20	109.20	1.00	103	24		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET:5/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
109.20	318.70	Feldspathic sandstone (subarkose) brownish or greenish grey; detrital matrix < 15%; quartz-rich and hard; feldspar content greater than lithic clasts; lithic clasts include mafic metavolcanic schist and quartz cobbles otherwise well-sorted; unaltered to chloritic, sericitic; some hematite, limonite staining (reddish, rusty feldspars); compact structure (baked, quartzite); non-magnetic; non-reactive to 10% HCl; trace to 1% pyrite (greater with chloritic alteration)	tr - 1% py	62331	109.20	110.20	1.00	14	14		0.1	9
				62332	114.00	115.00	1.00	20	17		0.1	5
				62333	119.00	120.00	1.00	23	16		0.1	nil
				62334	124.00	125.00	1.00	40	23		0.1	nil(nil)
				62465	128.00	129.00	1.00	21	35		0.1	nil
		109.2-212.0 Feldspathic sandstone, grey to brownish grey; unaltered but hard (quartzite)		62335	129.00	130.00	1.00	27	32		0.1	nil
				62336	134.00	135.00	1.00	17	22		0.1	nil
		\So\ bedding at 34 deg. To c.a. from contact at 109.2 m		62337	139.00	140.00	1.00	16	30		0.1	nil
		/S1/ 0-10 deg. To c.a., 1 mm, indistinct, wavy to broken, hematite-quartz veinlets, barren		62338	144.00	145.00	1.00	17	14		0.1	nil
		\S2\ 32-46 deg. To c.a., distinct, wavy to broken, epidote veinlets		62339	149.00	150.00	1.00	5	30		0.1	3
		\S2\ mud seam at 123.8 m		62340	154.00	155.00	1.00	33	28		0.1	nil
		\S2\ broken to blocky core 145.0-149.0, 156.7-168.0, 183.2-212.7, 220.9-222.7, 232.5-232.9 m		62341	159.00	160.00	1.00	32	40		0.1	2
				62342	164.00	165.00	1.00	43	21		0.1	17(5)
				62343	169.00	170.00	1.00	22	28		0.1	nil
				62344	174.00	175.00	1.00	8	39		0.1	nil
				62345	179.00	180.00	1.00	50	24		0.1	nil
				62346	184.00	185.00	1.00	11	25		0.1	nil
				62347	189.00	190.00	1.00	12	23		0.1	nil
				62466	191.00	192.00	1.00	10	30		0.1	nil
				62348	194.00	195.00	1.00	10	31		0.1	2
				62349	199.00	200.00	1.00	15	29		0.1	5
				62467	202.00	203.00	1.00	15	31		0.1	nil
				62350	204.00	205.00	1.00	23	22		0.1	3
				62351	209.00	210.00	1.00	23	28		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 6/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
109.20	318.70	212.0-242.4 m Feldspathic sandstone, increasingly chloritized with some limonitic staining in several m to 2m sections	tr py	62352	214.00	215.00	1.00	13	29		0.1	2
				62353	219.00	220.00	1.00	40	25		0.1	nil
		/S1/ 0-30 deg. To c.a., broken to wavy, (increasingly) calcite-epidote-quartz veinlets down interval		62354	224.00	225.00	1.00	12	30		0.1	nil
				62355	229.00	230.00	1.00	35	22		0.1	nil
		\S2\ 30-50 deg. To c.a., chlorite-epidote enriched, narrow seams; parallel chlorite-epidote wall alteration		62356	234.00	235.00	1.00	24	25		0.1	3(3)
				62468	237.00	238.00	1.00	41	29		0.1	nil
		/S3/ 10-63 deg. To c.a., quartz veins; 1.2 cm @ 227.6 m; 2 cm wide @ 240.8 (bottom); barren; non-magnetic, non-reactive to HCl		62357	239.00	240.20	1.20	15	22		0.1	5
		242.4-283.5 Feldspathic sandstone cont'd.	tr py	62469	243.00	244.00	1.00	11	31		0.1	2
		\So\ 28 deg. To c.a., bedding from elongated pebble, feldspar clast alignments		62358	244.00	245.00	1.00	9	21		0.1	2
		/S1/ 0-32 deg. To c.a., < 1 mm, wavy to broken, hematite-quartz veinlets, barren		62470	248.00	249.00	1.00	9	19		0.1	nil
		\S2\ 28-54 deg. To c.a., straight to slightly wavy, some broken, veinlets; some seams with chloritic slips		62359	249.00	250.00	1.00	13	17		0.1	nil
				62360	254.00	255.00	1.00	13	29		0.1	nil
		\S2\ blocky core in S2 orientation; localized shearing, clast deformation; trace pyrite		62471	257.00	258.00	1.00	25	21		0.1	nil
		/S3/ 40-85 deg. To c.a., 1-3 mm, hematite-calcite-quartz veinlets, weakly foliated; some straight veinlets with hematite in margins, otherwise barren		62361	259.00	260.00	1.00	14	25		0.1	nil
				62472	261.00	262.00	1.00	9	32		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 7/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
109.20	318.70	242.4-283.5 Feldspathic sandstone cont'd.	tr py	62362	264.00	265.00	1.00	13	21		0.1	nil
				62473	266.00	267.00	1.00	11	17		0.1	nil
				62474	268.00	269.00	1.00	17	24		0.1	nil
				62363	269.00	270.00	1.00	10	30		0.1	12
				62475	270.00	271.00	1.00	5	23		0.1	nil
				62364	274.00	275.00	1.00	10	18		0.1	nil
				62476	275.00	276.00	1.00	17	25		0.1	nil(nil)
				62365	279.00	280.00	1.00	8	15		0.1	12(15)
		283.5-318.7 m Feldspathic sandstone, cont'd., greenish-grey, brownish, medium grey variable colour; variably chloritized or sericitic; locally reddish (hematite); notable clasts of black rhyolite which anticipates underlying unit; non-magnetic, non-reactive to HCl; trace pyrite with chloritic alteration or chloritic veinlets	tr py									
		\So\ 28 deg. To c.a., bedding from finer sediment -coarser sediment lamination in unit at 295.6 m	tr py	62477	283.00	284.00	1.00	6	24		0.1	nil
		/S1/ 0-26 deg. To c.a., 1 mm; wavy to broken; calcite-hematite-quartz veinlets, barren	tr py	62366	284.00	285.00	1.00	7	33		0.1	nil
		\S2\ 12-50 deg. To c.a., veinlets, veins, seams; with chlorite-hematite-epidote alteration; non-	tr py	62367	289.00	290.00	1.00	14	31		0.1	nil
		reactive to HCl; trace pyrite with chloritic partings	tr py	62478	290.00	291.00	1.00	14	26		0.1	nil
		\S2\ competent 290.5-296.2; mudseam @ 297.5-298 accompanying gouge @ 20 deg. To c.a.,	tr py	62479	291.00	292.00	1.00	12	29		0.1	3
		pyrite 1%; otherwise blocky to broken	tr py	62368	294.00	295.00	1.00	10	24		0.1	nil(5)
			1% py	62369	297.00	298.00	1.00	15	23		0.1	nil
			tr py	62370	298.00	299.00	1.00	9	22		0.1	nil
			tr py	62371	299.00	300.00	1.00	7	24		0.1	nil
			tr py	62372	304.00	305.00	1.00	14	22		0.1	nil
			tr py	62373	309.00	310.00	1.00	13	29		0.1	2
			tr py	62374	314.00	315.00	1.00	21	21		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01 SHEET: 8/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	FROM	TO	ASSAYS METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
318.70	335.00	Rhyolite, dark grey to dark olive (with sericite development); graphitic to 324.5 m; sericitic alteration from 329.0-332.8 m; non-magnetic to 330 m; magnetic with increased pyrrhotite at bottom of interval pyrite to 3% flow-banded, pyrrhotite to 10% locally; <1% sphalerite, trace chalcopyrite; banded, semi-massive sulphides 332.0-335 m	py 1-3% po to 10% <1% sph tr cpy									
		\So\ 28-32 deg. To c.a. flow band - flow breccia contact at 329.3 m	1% py,tr sph	62375	319.00	320.00	1.00	17	249		0.1	nil
		/S1/ 0-8 deg. To c.a., <1 mm, indistinct in sericitic-graphitic segments, wavy; calcite-quartz veinlets	"	62376	323.00	323.75	0.75	47	500		0.3	nil
		some with finely recrystallized (anhedral) pyrite;	"	62377	327.00	328.00	1.00	24	188		0.2	nil
		\S2\ 30-58 deg. To c.a., 1-5 mm, distinct, calcite-quartz veinlets, straight; trace pyrite (anhedral)	<1% py	62378	329.00	330.00	1.00	21	80		0.1	nil
		on margins	1% py, po	62379	330.00	331.00	1.00	19	126		0.1	nil
		\S2\ 320.7-322.7 graphitic seam, gouge and washout	1% py, po	62380	331.00	332.00	1.00	20	238		0.2	nil
		\S2\ 329-332.8, inreasing sericite alteration, cm-scale bands in S2 orientation, becoming	5% py	62381	332.00	332.80	0.80	21	127		0.2	22
		pervasive; pyrite-pyrrhotite seam, 3 mm at 334.0 m	<1% po									
		\S2\ 332.8-335.0 m, semi-massive pyrrhotite banding to 10% in sections; to 1% sphalerite @ 40 deg	7% po, 5%	62382	332.80	333.80	1.00	77	2320	1350	1.9	nil
		to c.a. (32-60 deg. Variations); a few galena veinlets, partings < 1% overall	py, <1% sph									
		/S3/ 40 deg. To c.a., 1-2 cm sericite-quartz vein @ 331.6 m (bottom); with recrystallized pyrite	10% po, 5%	62383	333.80	335.00	1.20	143	4870	5440	4.8	17
		(granular) at margins; related sericite alteration 331.0-335.0 m	py,1% sph,									
			<1% gal									
			tr cpy									
			Eby05-01	**Weighted average**	**332.80**	**335.00**	**2.20**	**113**	**3711**	**3581**	**3.5**	
			Combined	& Assumed	332.60	334.00	1.40	63	2630	1710	1.5	
			Eby05-01A	62386	332.60	334.00	1.40	63	2630	1710	1.5	
				Weighted average	**341.40**	**350.00**	**8.60**	**290**	**2283**	**193**	**1**	

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET:9/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
331.00	463.20	Rhyolite, dark-grey to medium grey; flow-banded, minor with minor bombs, xenoliths;										
		with some graphitic sections; hardness varies with alteration (unaltered is hard; sericitic/chloritc	2% py	62384	331.00	331.60	0.60	27	186	101	0.1	7
		softer; graphitic is very soft); non-magnetic except for greenish-grey chamosite bands	2% py	62385	331.60	332.60	1.00	44	254	27	0.2	33
			1% py	62386	332.60	334.00	1.40	63	2630	1710	1.5	14
		331.0-331.6 m Rhyolite, medium-grey, banded, sericitized; non-reactive to HCl; non-magnetic	<1% sph									
		2% pyrite	<1% py	62387	334.00	334.60	0.60	31	83	10	0.1	3
		331.6-336.9 m Rhyolite, dark grey with lesser mediium-grey banding; granite xenoliths (flesh or	<1% py	62388	339.00	340.00	1.00	62	140	34	0.1	3
		medium grey); pyrite to 2% in flow-aligned bands; non-reactive to HCl (except for calcite veinlets)	<1% py	89011	340.00	341.40	1.40	18	28	215	0.3	nil
		non-magnetic	3% py,	62389	341.40	342.00	0.60	459	3620	2400	2.8	2
		336.9-338.2 m Rhyolite, graphitic; 1% pyrite; non-reactive to medium reaction to HCl (with calcite	<1% sph,gal									
		veinlets)	4% py	62390	342.00	343.00	1.00	400	96	13	0.2	17
		338.2-341.4 m Chamosite-(magnetite) formation; dark green/ medium-grey banded; slightly foliated	<1% py	62391	343.00	344.00	1.00	148	4550	57	1.0	2
		(with chloritic partings); unmineralized; moderately- to strongly- magnetic; very weak to weak	<1% sph									
		reaction to HCl	1% py	62392	344.00	345.00	1.00	27	423	5	0.1	nil
		341.4-343.0 m as above with quartz-calcite veins, white albite and pyritic seams, veins to 8 cm;	1% py, <1%	62393	345.00	346.10	1.10	730	6930	35	1.2	nil
		associated with increased chlorite; locally moderately magnetic with fragments	sph, tr cpy									
		343.0-344.4 m Rhyolite, dark grey (with 0.5 m of flesh-coloured rhyolite, unaltered but finely veined	2% py,	62394	346.10	347.10	1.00	144	709	6	0.4	3
		and pyritic); becoming graphitic to end of interval; 1% pyrite overall; non-reactive to HCl (except	tr sph									
		for more reactive calcite veinlets); non-magnetic	"	89012	347.10	348.00	0.90	176	335	5	0.2	nil
		346.1-349.0 m Rhyolite, medium-grey to dark-grey, flow-banded; lightly sericitized to greenish-grey	"	89013	348.00	349.00	1.00	254	1540	36	0.2	21
		weakly albitized (veinlets, patches); locally graphitic (20% overall); 1% pyrite; 5% pyrite in	"	62395	349.00	350.00	1.00	261	22201	56	0.2	3(2)
		section 346.1-346.5 m	<1% py	89002	350.00	351.00	1.00	12	32	1	0.1	17
		349.0-354.8 m Rhyolite, albitized, lesser pinkish potassic alteration; non- to very weakly reactive										
		to HCl (especially fractures, veinlets); non-magnetic; <1% pyrite, banded	<1% py	89003	351.00	352.00	1.00	11	55	2	0.1	48
		354.8-369.1 m Rhyolite, dark-grey, medium-grey, flow-banded; minor albite, potassic (pink, hard)	1% py	89004	352.00	353.00	1.00	29	153	7	0.1	nil
		alteration (with veinlets, patches); non-magnetic; < 1% pyrite	1% py	89005	353.00	354.00	1.00	88	497	6	0.1	41(31)
		369.1-379 m Rhyolite, medium-grey, sericitized with lesser dark grey (unaltered) bands; <1% pyrite	tr sph									
			"	89006	354.00	354.80	0.80	134	461	12	0.1	31

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 10/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
331.00	463.20	Rhyolite, dark-grey to medium grey; flow-banded, cont'd.										
			1% py	62396	354.80	355.80	1.00	59	545		0.3	2
		\So\ 50 deg. To c.a. at 332 m; 44 deg. To c.a. at 362.3 m; 40 deg at 379.0 m; from flow banding	tr sph									
		/S1/ 5-24 deg. To c.a., 1-3 mm, distinct; wavy to broken or pinched; calcite-albite-quartz veinlets	<1% py	62397	359.00	360.00	1.00	45	174		0.1	5
		and veins (1 cm or greater);	<1% py	62398	364.00	365.00	1.00	33	125		0.1	nil
		/S1/ 342.6-343.0 quartz-albite vein with massive, pyritic upper 8cm margin; 7% pyrite 341.6-342.0 m	<1% py	62399	369.10	370.10	1.00	17	60		0.1	2
		overall pyrite = 5% with quartz-chlorite veining	<1% py	62400	374.00	375.00	1.00	12	63		0.1	nil
		\S2\ coining, broken core, graphitic seams; gouge 333.7-333.95 @ 56 deg. To c.a., lost core										
		(94% recovery)										
		379.0-437.1 m Rhyolite, dark grey to medium-grey, aphanitic with some porphyritic flows; flow-										
		banded; some light grey to olive, sericitic sections; lesser, olive-coloured chamosite-magnetite	<1% py	62401	379.00	380.00	1.00	15	67		0.1	nil
		bands (396.7-411.2); minor graphite (414.0-415.0 m); 1 actinolite-tremolite volcanic bomb(?) at	<1% py	62402	384.00	385.00	1.00	18	65		0.1	nil
		405.9-406.4 m; non-magnetic except for cm-scale chamosite-magnetite bands and pyrrhotite	<1% py	62480	387.96	388.96	1.00	71	297		0.2	nil(2)
		aggregates (moderately- to strongly magnetic); non-reactive to HCl (except for some veinlet margins	<1% py	62403	388.96	389.96	1.00	55	165		0.1	5
		some calcite seams); to 2% pyrite, pyrrhotite (aggregates) with both aligned along flow bands	2% po, py	62404	389.96	391.00	1.04	73	74		0.1	nil
		or parallel to chamosite-magnetite bedding/banding direction; one semi-massive, 0.1 m sulphide	1% py	62405	391.00	392.00	1.00	18	72		0.1	2
		interval within 2% pyrrhotite-pyrite segment 389.96-396.7 m	1% py	62406	392.00	393.00	1.00	46	80		0.1	24
			<1% po									
			2% py	62407	393.00	394.00	1.00	30	95		0.1	nil
			1% py, <1% po	62408	394.00	395.00	1.00	34	82		0.1	nil
			1% py, <1% po	62409	395.00	396.00	1.00	32	58		0.1	nil
			1% py	62410	396.00	396.70	0.70	8	36		0.1	nil
			1% po	62411	396.70	398.00	1.30	19	24		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 11/14

METRES		DESCRIPTION	% SULPHIDES	SAMPLE			ASSAYS					
FROM	TO			NO.	FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
331.00	463.20	379.0-437.1 m Rhyolite, dark grey to medium-grey, aphanitic with some porphyritic flows; flow-banded; some light grey to olive, sericitic sections; lesser, olive-coloured chamosite-magnetite bands;	1% po	62412	398.00	399.00	1.00	17	3		0.1	nil(5)
			1% po	62413	399.00	400.00	1.00	29	7		0.1	nil
			1% po	62414	400.00	401.00	1.00	31	41		0.1	2(nil)
			1% py, <1% po	62415	401.00	402.00	1.00	33	91		0.1	nil
			1% py, 1% po	62416	402.00	403.00	1.00	79	75		0.1	nil
			1% py, 1% po	62417	403.00	404.00	1.00	38	78		0.1	nil
			2% py	62418	404.00	405.00	1.00	42	62		0.1	3
			1% py, 1% po	62419	405.00	405.90	0.90	35	45		0.1	3
			1% po 2% po	62420	405.90	407.00	1.10	45	135		0.1	nil
			1% py	62421	407.00	408.00	1.00	53	107		0.2	2(nil)
			1% po	62422	408.00	409.00	1.00	16	55		0.1	10
			1% po	62423	409.00	410.00	1.00	24	22		0.1	nil
			1% po <1% py	62424	410.00	411.20	1.20	17	30		0.1	nil
			1% py	62425	411.20	412.20	1.00	32	122		0.2	10
			1% py tr sph	62426	412.20	413.00	0.80	94	502		0.2	nil
			<1% po	62427	413.00	414.00	1.00	50	135		0.1	nil
			<1% po tr sph	62428	414.00	415.00	1.00	161	900	7	0.2	3
			1% py	62481	415.00	416.00	1.00	25	102		0.1	7
			1% py, tr po	62482	418.00	419.00	1.00	15	80		0.1	10

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 12/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	FROM	TO	ASSAYS METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au check ppb
331.00	463.20		1% py	62429	419.00	420.00	1.00	20	72	128	0.1	nil
			tr po									
		379.0-437.1 m Rhyolite, dark grey to medium-grey, aphanitic with some porphyritic flows; flow-	1% py	62430	424.00	425.00	1.00	31	131	2	0.1	nil
		banded; some light grey to olive, sericitic sections; lesser, olive-coloured chamosite-magnetite	<1%py	89007	425.00	426.00	1.00	27	106	7	0.1	nil
		bands;fine pyritic veinlets, seams with trace sphalerite especially 424.0-432.0; some sphalerite	<1%py,tr sp	89008	426.00	427.00	1.00	16	63	15	0.1	10
		grains (reddish-brown) to 2 mm in quartz-albite vein at 429.29 m	"	89009	427.00	428.00	1.00	12	47	1	0.1	nil
			"	89010	428.00	429.24	1.24	8	61	1	0.1	10
			<1% py	62431	429.24	430.20	0.96	285	1600	7	0.7	nil
			tr sph, cpy									
			<1% py	62432	430.20	431.00	0.80	37	110	103	0.1	nil
			<1% py	62433	431.00	432.00	1.00	69	776	9	0.3	nil
			tr sph									
				Weighted average	**429.24**	**432.00**	**2.76**	**135**	**870**	**36**	**0**	
			<1% py	62434	432.00	433.10	1.10	30	103		0.3	3(2)
			tr py	62435	433.10	434.00	0.90	25	92		0.1	3
			tr py	62436	434.00	435.00	1.00	23	22		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 13/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	ASSAYS FROM	TO	METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
331.00	463.20	437.1-463.2 m Rhyolite, dark grey to medium-grey, aphanitic with some porphyritic flows; flow-	1-2% py									
		banded; 70% medium grey to olive, sericitic sections with flow-bands overprinted; without	tr po									
		chamosite-magnetite bands; non-magnetic; non-reactive to HCl (except for few veinlets);	1% py	62437	437.10	438.10	1.00	16	38		0.1	3
		finely disseminated pyrite to 2%, trace pyrrhotite	1% py	62438	438.10	439.00	0.90	16	77		0.1	7
			1% py	62439	439.00	440.00	1.00	17	55		0.1	10
		\So\ 52 deg. To c.a., flow-banding at 452.6 m	1% py	62483	442.00	443.00	1.00	18	49		0.1	14
		/S1/ 0-34 deg. To c.a., 1-5 mm, distinct; wavy to broken, quartz-calcite veinlets; barren	1% py	62440	444.00	445.00	1.00	19	40		0.1	10
		\S2\ 30-62 deg. To c.a., 1-7 mm, indistinct to distinct, calcite-quartz veinlets with sericitic alteration	1% py	62441	449.00	450.00	1.00	15	66		0.1	10(3)
		barren	1% py	62442	454.00	455.00	1.00	20	77		0.1	3
		/S3/ 20-46 deg. To c.a., 1-3 mm, distinct, straight, (pink) potassic feldspar-calcite-quartz veinlets	1% py	62484	458.00	459.00	1.00	12	34		0.1	7
		trace pyrite (anhedral) in margins	1% py	62443	459.00	460.00	1.00	10	34		0.1	3
		/S3/ 445.75-445.92 m, 22/46 deg. To c.a., calcite-quartz vein with trace pyrite in margins	2% py	62444	462.20	463.20	1.00	35	275		0.1	nil
463.20	497.60	Rhyolite, flow-top breccia; dark grey, black to olive-grey (sericitic);some flow-banded,flow	1-3% py									
		lapilli and ash tuff sections; minor dacite flow; minor graphitic section; spidery network of calcite	2% py	62445	463.20	464.20	1.00	28	259		0.1	nil
		fillings; veinlets; 1-3% pyrite	3% py	62446	468.00	469.00	1.00	56	60		0.1	2
			2% py	62447	469.00	470.00	1.00	41	59		0.2	3
		463.2-466.1m graphitic, broken core with 1% pyrite	1% py	62448	474.00	475.00	1.00	61	283		0.2	nil
		475.8-476.75 dacite flow, greenish-grey, softer than rhyolite to blade; finely porphyritic; trace pyrite	1% py	62449	479.00	480.00	1.00	57	179		0.1	nil
			3% py	62450	481.00	482.00	1.00	138	125		0.1	nil
		\So\ 52 deg. To c.a., flow-banding @ 475.5 m	1% py	62485	483.00	484.00	1.00	43	150		0.2	3
		/S1/ 0-24 deg. To c.a., 1-2 mm, distinct, wavy to broken, quartz-calcite veinlets; barren	1% py	62451	484.00	485.00	1.00	44	151		0.1	3
		\S2\ 36-52 deg. To c.a., 1-5 mm, indistinct to distinct, slightly wavy, some broken, calcite-quartz	1% py	62452	487.00	487.85	0.85	50	88		0.2	nil
		veinlets; barren	<1% py	62453	489.00	490.00	1.00	55	131		0.1	nil
		/S3/ 30-52 deg. To c.a., 1-4 mm, distinct, straight, quartz-calcite veinlets; barren	1% py	62486	492.00	493.00	1.00	37	66		0.1	nil
		/S3/ 463.4-463.54, calcite-quartz vein at 42 deg. To c.a.; barren	1% py	62454	494.00	495.00	1.00	35	49		0.1	nil
		/S3/485.9-486.0, quartz-calcite vein at 60 deg. To c.a.; barren	1% py	62455	496.60	497.60	1.00	41	60		0.1	nil

Diamond Drill Record (APPENDIX XII)

NAME OF PROPERTY: Eby-Otto HOLE: Eby05-01A SHEET: 14/14

METRES FROM	METRES TO	DESCRIPTION	% SULPHIDES	SAMPLE NO.	FROM	TO	ASSAYS METRES TOTAL	Cu ppm	Zn ppm	Pb ppm	Ag ppm	Au/check ppb
497.60	502.00	Dacite porphyry, light greenish-grey, speckled with fine, white feldspar phenocrysts; with	1% py									
		lesser black phenocrysts (amphibole); softer than rhyolite to blade; non-magnetic, non- to very										
		weakly reactive to HCl; flow-banded structure with parallel distribution of pyrite (1%)	1% py	62456	497.60	498.60	1.00	65	95		0.1	nil
			1% py	62457	498.60	499.60	1.00	70	83		0.1	3
		\So\ 52 deg. To c.a., contact (brecciated, infilled)	1% py	62487	501.00	502.00	1.00	137	316		0.2	3
		/S1/ 0-10 deg. To c.a., 1-4mm, distinct, broken, calcite-quartz veinlets; barren										
		\S2\ 52-64 deg. To c.a., 1-3 mm, calcite-quartz veinlets; barren										
		/S3/ 32 deg. To c.a., 1-2 mm, distinct, straight, potassic feldspar-calcite-quartz veinlets; barren										
		Abbreviations:										
		cpy- chalcopyrite										
		gal- galena										
		py- pyrite										
		po- pyrrhotite										
		sph- sphalerite										
		tr - trace amount										

07.03.26