



52E10SW8556 63.4569 SHOAL LAKE

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ECLIPSE RESOURCES CORP.

- Gold Coin Property -

Shoal Lake, Ontario

Glass Township

Kenora Mining Division

1984 WORK PROGRAM

Kirkland Lake, Ontario

July 20, 1985

James R.B. Parres B. Sc.

1984 Gold Coin Work Program

SUMMARY:

The property is located in Glass Twp. on Shoal Lake approximately 30 miles southwest of Kenora, Ont. and is a gold prospect.

The work program was recommended by Don Bourne P. Eng. in his report of April 24, 1984 and outlined in the prospectus of Eclipse Resources Corp.

A picket line grid was established on Mining Patents S-120 and D-218 (comprises K-1317, K-1395 & 96).

Once the grid was completed geophysics consisting of VLF-EM and Magnetometer surveys were carried out at 50 foot intervals.

Geological mapping was done at a scale of 1"=200'.

Prospecting was carried out over the entire property.

SUMMARY - Results of Work Program

Linecutting - a grid pattern of picket lines every two hundred feet were cut from an east-west baseline. Chaining was carried out every 100 feet.

Geology - The north part of the property is the most geologically complex however the entire property hosts a variety of rocks, from felsic to ultramafic, intrusive to extrusive.

Geophysics - A number of anomalous features were measured by magnetometer and VLF-EM. These were plotted on 3 maps.

Prospecting - Several new (at least, previously un-recorded) discoveries were made. These and any old trenches or pits were brushed out, freshened and sampled. 50 samples all returned some gold values ranging from trace to 3.18 ozs. gold/ton.

1984 Gold Coin Work Program

General

The property is located approximately 30 miles south-west of Kenora, Ontario. Access can be by aircraft from Kenora or by vehicle 25 miles west from Kenora and 12 miles south on a paved/gravel road to the Clytie Bay landing. A boat/skidoo can then be used to travel the 6 miles to the property.

Accommodation for the 1984 work program was at Gold Point Lodge (no services) and a cabin on a nearby island associated with the Lodge (abandoned).

Linecutting

To locate the grid we used the south shaft as a reference station and set up a transit. We cut and chained north 200 feet and turned the baseline 90° on an east-west bearing. The baseline was cut and chained every 100 feet to 1800 feet east and 3000 feet west to the shore of Shoal Lake (However the last west picket line was at 28-W).

The baseline was cut with chain saws, axes and machetes.

A picket line grid was then established to the north and south off the baseline at 90° and cut with axes and machetes to the property and/or topographic boundaries as defined by Mining Patents S-120 and D-218. D-218 is subdivided into K 1317, K 1395 and 96.

The only tie ins located were the tags for No.3 of K-1395 and No.4 for K-1396. These were found on an old fallen post several feet from 1-N on L-2-E. An old baseline was noted parallel to our baseline approximately 100 feet north.

Geology

Geological mapping was carried out on the entire property at a scale of 1"=200' and in certain areas of importance at 1"=50 feet.

Mapping revealed pillowed lavas along the lake shore in several places. A breccia zone was also noted along the lake west of the "cabin island." Andesitic to basaltic flows comprise the central portion of the property with several intrusive feldspar porphyry dikes cutting the volcanics almost parallel to the regional strike. The dikes are not expressed within the mag pattern probably due to their limited widths.

A black ultramafic found in the area of 5-N on L-8-W appears to be related to a mag high which could be a dike structure.

An area of felsite was noted in the central part of the north claims and a large body of granodiorite intrudes the north-east part of the property.

Geophysics

Once the grid was completed geophysical surveys comprising a VLF-EM survey (Geonics EM-16) and a Proton Precession Magnetometer survey (Geometrics) were carried out at 50 foot intervals for accuracy.

VLF-EM - The VLF-EM survey utilized the Cutler, Maine transmitting station. The instrument was a Geonics EM 16.

A number of anomalies were outlined. These were reflected by medium length (600 - 1200 feet) arcuate conductors which probably reflect shearing along intrusive contacts or the boundaries of stratigraphic units.

The axis of most of the anomalous zones are in low ground and therefore can not be prospected except by diamond drilling. The axis of most of the VLF zones strike NW-SE which is the strike of the low areas between outcrops. As gold appears, in some instances, to be associated with shearing related to intrusive activity on the Gold Coin property several of the VLF zones could be prime exploration targets.

Magnetometer - The volcanics in the southern part of the property exhibit a consistent mag response about 500 gammas above background. North of the baseline we find a number of anomalous highs and lows. The very high readings on L-8-W relate to an ultramafic body as seen in outcrop at 5-N. The very low mag readings are associated with the westerley edge of a large intrusive body of grano-diorite related to the Canoe Lake stock.

Prospecting - One new discovery was a previously unreported open cut in the side of an outcrop hill at 6-N on L-2-E. A mineralized rusty flat west dipping shear at the top of the open cut returned good gold values.

Another mineralized showing consisting of chalcopyrite in a granodiorite host was located at 13 + 50 N on L-0+0.

A number of pits and trenches which have been sunk on quartz veins and sulphide lenses or mineralized occurences were cleaned out of trees and debris and sampled. Sample locations were marked with fluorescent paint and sketches prepared.

Most of the pits were located in the volcanics or the felsite: Several were in the granodiorite.

Conclusions - From all exploration activity to date, with the exception of the drill hole at the south shaft, it would appear that the chances of finding a gold orebody in outcrop are very slim. This enhances the theory of looking at the topographically depressed areas. In fact, the good intersection at the South Shaft may be somehow associated with the VLF anomaly to the north. Gold at the Gold Coin could be associated with structural conditions such as along intrusive or stratigraphic contacts and related shears.

Gold is also found to have a spatial relationship with pyrite which is the main mineral in a number of mineralized zones. Thus an economic gold deposit could be found associated with a large enough mineralized zone. Induced polarization could be a useful tool to identify large disseminated mineralized areas or zones.

Geochemistry could be helpful to prioritize diamond drilling targets as over-burden is generally thin to medium cover.



SWASTIKA LABORATORIES LIMITED

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

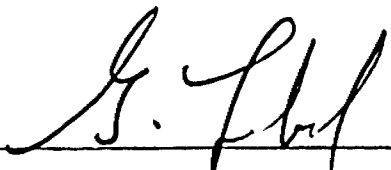
Certificate No. 59077

Date: Nov. 9, 1984

Received Nov. 1, 1984 51 Samples of ore

Submitted by Eclipse Resources Ltd., Toronto, Ontario per: J. Parres

SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton	SAMPLE NO.	GOLD Oz./ton
3801	0.03	3819	0.02	3836	0.17
3802	0.005	3820	0.002		0.18
3803	0.02	3821	1.26	3837	0.04
3804	0.005		1.26	3838	0.002
3805	0.04	3822	0.08	3839	0.01
3806	0.05	3823	0.02	3840	0.08
	0.04	3824	0.10	3841	0.04
3807	0.005	3825	0.16	3842	0.03
3808	0.02	3826	0.06	3843	0.05
3809	0.01	3827	0.67	3844	0.02
3810	0.03		0.73	3845	0.07
		second pulp	0.78		
3811	0.005	3828	0.39	3846	0.06
3812	0.002	3829	0.01	3847	0.07
3813	0.01	3830	0.16	3848	0.12
3814	0.01	3831	0.02	3849	0.13
3815	0.02	3832	0.13	3850	3.18
	0.02				2.88
3816	0.02	3833	0.12	second pulp	2.53
3817	0.005	3834	0.02	3851	0.002
3818	0.01	3835	0.16		

Per 
G. Lebel, Manager



SAMPLING

SAMPLE NUMBER	DESCRIPTION	PIC	GRID (1984) CO-ORDINATES	Au -OZS/TON ASSAYS SWASTIKA
3801	Oxidized (rusty) silicified altered basalt Fine disseminated pyrite		L-22-W <i>18+40 South</i>	.03
3802	Oxidized (rusty) silicified altered basalt Sheared or foliated		L-22-W 18 & 50 South	.005
3803	Oxidized (rusty) silicious basalt Pyrite seam		L-22-W 19 & 00 South	0.02
3804	Massive granular basalt Fine disseminated pyrite	X	L-8-W 3- North	0.005
3805	Oxidized, altered, sheared basalt Dissem. Pyrite		L-8-W 2 + 60 N(west)	0.04
3806	Oxidized sheared basic volcanic Dissem. Pyrite		L-8-W 3 + 30 N(west)	0.04 0.05
3807	Very silicified fine grained basalt Not much mineraliz. Fine grain pyrite	X	L-6-W B-North	0.005
3808	Altered and sheared / a scattered mafic mineral Dissem. pyrite cubes	X	L-0+0 13 North	0.02
3809	Silicified massive granular basalt Fine grained dissem. pyrite	X	L-2-W 7-North	0.01
3810	Quartz vein material Scattered pyrite	X	L-2-W 7-North	0.03
3811	Felsic, much quartz but with a sodic appearance Sparse mineral	X	L-0+0 13 North	0.005
3812	Very silicic almost cherty, f.g. basalt Dissem. pyrite, pyrite along slip planes	X	L-6-W 8 North	0.002
3813	Oxidized (rusty) cherty appearance blebs pyrite; chalcopyrite		L-8-W 3 North	0.01

SAMPLE NUMBER	DESCRIPTION	PIC	GRID (1984) CO-ORDINATES	Au-OZS/TON ASSAYS SWASTIKA
3814	Very Silicious - Dissem. pyrite Brown oxidation or carbonate		L-8-W 3 North	0.01
3815	Oxidized, silicified basalt with dissem. pyrite; buff coloured on weath. surface	X	L-8-W 3 North	0.02 0.02
3816	Feldspathic; rusty		L-22-W 19-South (East)	0.02
3817	Fine grain basalt Sparse mineralization		L-22-W 18+75 S (East)	0.005
3818	Dissem. pyrite on slip planes Lightly sheared basalt		L-22-W 18+70 S. (East)	0.01
3819	Oxidized(rusty) altered; dissem. pyrite; rosy stain; fibrous material		L-22-W 18+40 S. East	0.02
3820	Silicified f.g. basalt with scattered pyrite; slightly sheared		L-22-W 17+30 S. (East)	0.002
3821	Highly altered; granular with dissem. pyrite	X	L-2-E 6- North	1.26 1.26
3822	Quartz vein material - glassy seam of pyrite		L-0+0 6 North 50 W	0.08
3823	Highly altered serpentini- zied basic volcanic with scattered pyrite		3 E and 50 south	0.02
3824	Banding or bedding - Quartz plus mafic material; some chalco		L-0+0 6-N & 50 W	0.10
3825	Feldspathic appearance; Ground mass cut by 40-50 glassy Qtz. veins. few belbs scattered pyrite	X	L-0+0 6 N & 50 W	0.16

SAMPLE NUMBER	DESCRIPTION	PIC	GRID (1984) CO-ORDINATES	Au-OZS/TON ASSAYS SWASTIKA
3826	Silicified; reddish feldspars; dissem. pyrite	X	L-2-E 6-N (50' W)	0.06
3827	Felsite; fair dissem. pyrite		55' North- West of OBL/ 2E	0.67 0.73
3828	Felsite; scattered pyrite; chalco; massive	X	1+50 N on L-0+0 & 70'E	0.39
3829	Felsite; appears very altered - "cooked" sericitized	X	at L-2 East	0.01
3830	Silicified basic volcanic scattered pyrite	X	3 E along BL & 50' S	0.16
3831	Basalt scattered pyrite	X	3 E along BL & 50' S	0.02
3832	Vein material Quartz and feldspar	X	L-0&0 6 North	0.13
3833	Felsite; heavily oxidized Scattered pyrite 2%	X	L-4-W 14 North	0.12
3834	Dioritic texture; scattered chalco Heavy malachite stain		L 0+0 13+45 North	0.02
3835	Altered basalt; chert fragment Scattered pyrite	X	L-4-W 14 North	0.16
3836	Oxidized; highly altered; pockets of sulphides	X	L-2-W 2 South	0.17 0.18
3837	Very silicified; sheared, altered oxidized basalt; scattered pyrite	X	L-4-W 1+50 S & 30'E	0.04
3838	Quartz feldspar porphyry Alignment of feldspars		L-0&0 2-S & 30'W	0.002
3839	Qtz. rich material edge of q.f. por. dike; scattered pyrite		20'E & 20'S of 6-S on L-0	.01

SAMPLING

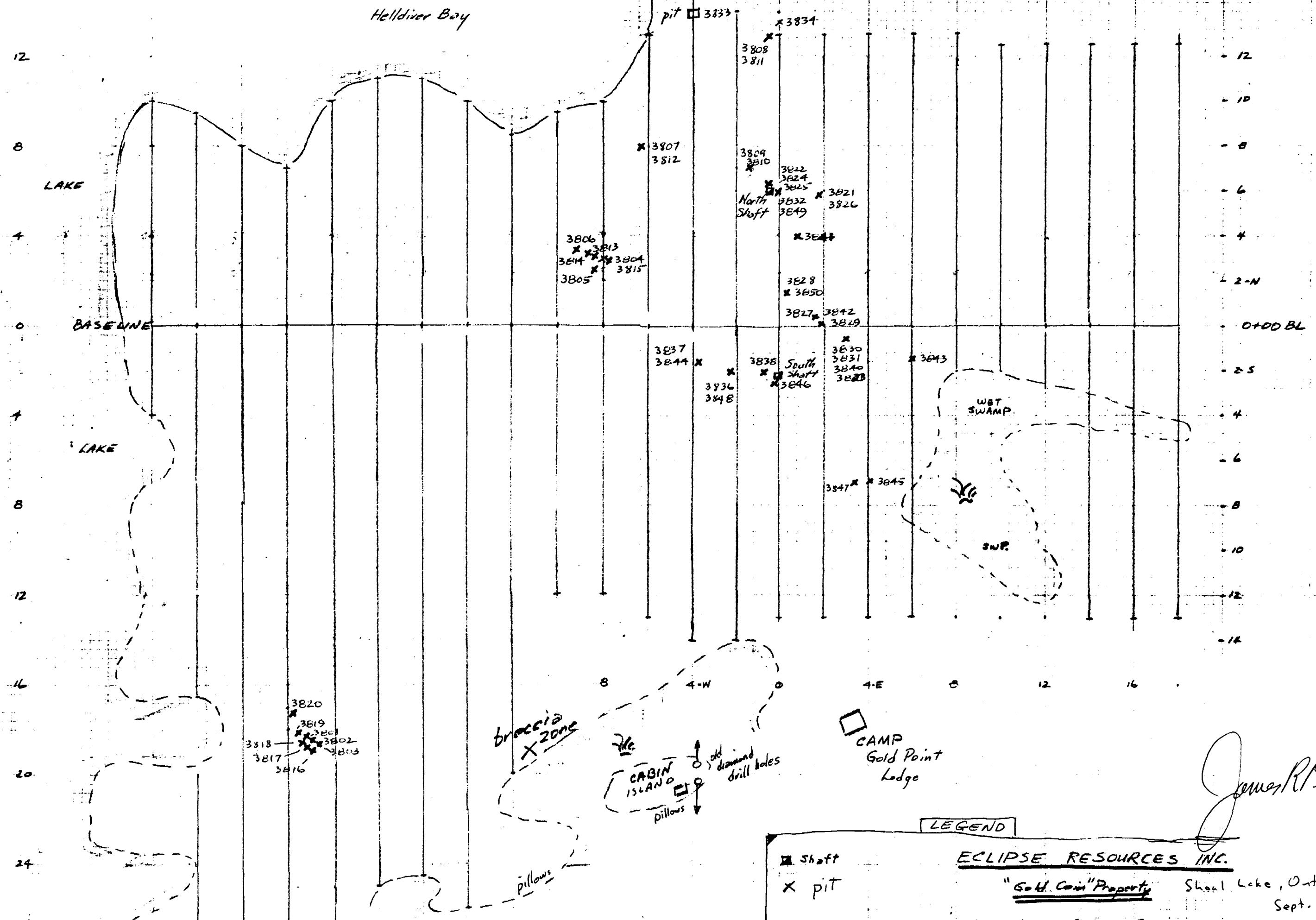
Sheet No. 4

SAMPLE NUMBER	DESCRIPTION	PIC	GRID (1984) CO-ORDINATES	Au-OZS/TON ASSAYS SWASTIKA
3840	Oxidized, chloritized basic volcanic Schistose; heavy mineraliz. with pyrite stain	X	3 E along BL & 50' south	0.08
3841	Dioritic textured andesite sulphides on slips	X	1 & 50 N on L-0 70' East	0.04
3842	Felsitic; oxidized Scattered pyrite		55' NW of L-2-E on OBL	0.03
3843	Highly oxidized schistose basalt Scattered pyrite		L-6-E 1&50 South	0.05
3844	Highly oxidized basalt Scattered pyrite	X	L-4-W 1 & 50'S & 35'E	0.07
3845	Felsic; highly silicified 4-5% pyrite	X	L-4-E 7-South	0.07
3846	Highly chloritized flow top breccia slight silicification well mineral - pyrite	X	L-0&0 2-South	0.06
3847	Sheared felsite; highly oxidized Scattered pyrite	X	L-3-E 7-South	0.07
3848	Dioritic appearance Scattered pyrite	X	L-2-W 2-South	0.12
3849	Heavily chloritized slips felsitic	X	L-0&0 6 North	0.13
3850	Felsite, chalco in seams, Scattered pyrite	X	L-0&0 1&50 N & 70'E	3.18 2.88 2.53
3851	Large sample (30 lbs) Sheared; oxidized Well mineralized with pyrite		L-4-W 5 North Great Northwest Clytie Bay	0.002

NOTES: There are several pits with same name - see co-ordinates
for accuracy
Snake, Square, Big, Contact

28-W 24 20 16 12 8 4-W 2 0 2 4-E 6 8 12 16-E SURFACE

SAMPLING PLAN NUMBERS



James R. Barnes

L24W

L18W

L12W

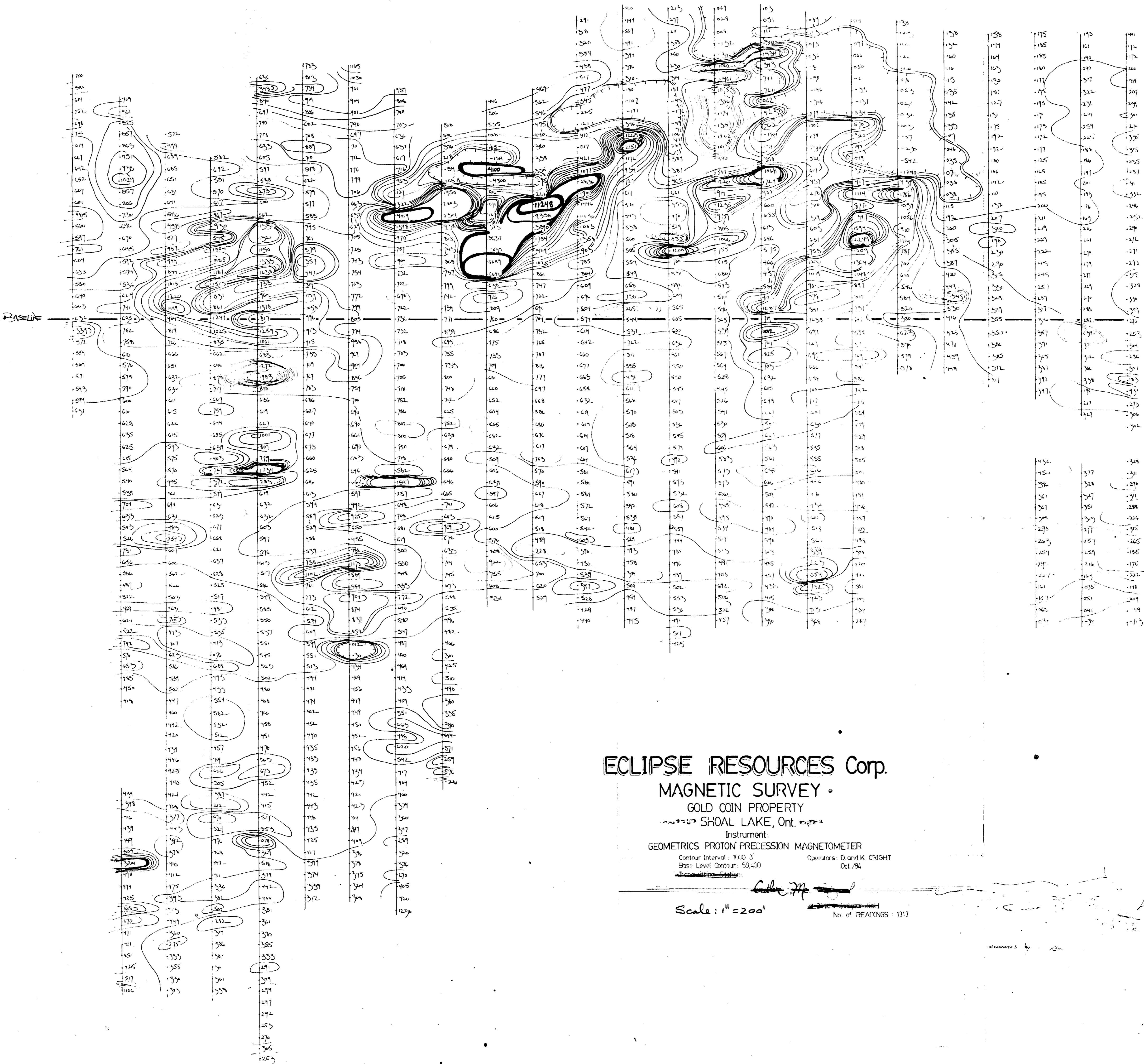
L6W

L0

L6E

L12E

L18E



ECLIPSE RESOURCES Corp.

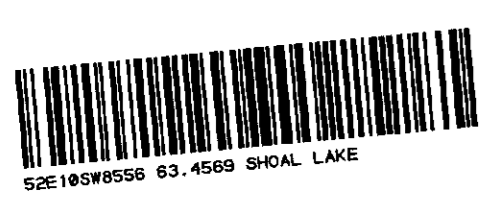
MAGNETIC SURVEY

GOLD COIN PROPERTY
SHOAL LAKE, Ont.

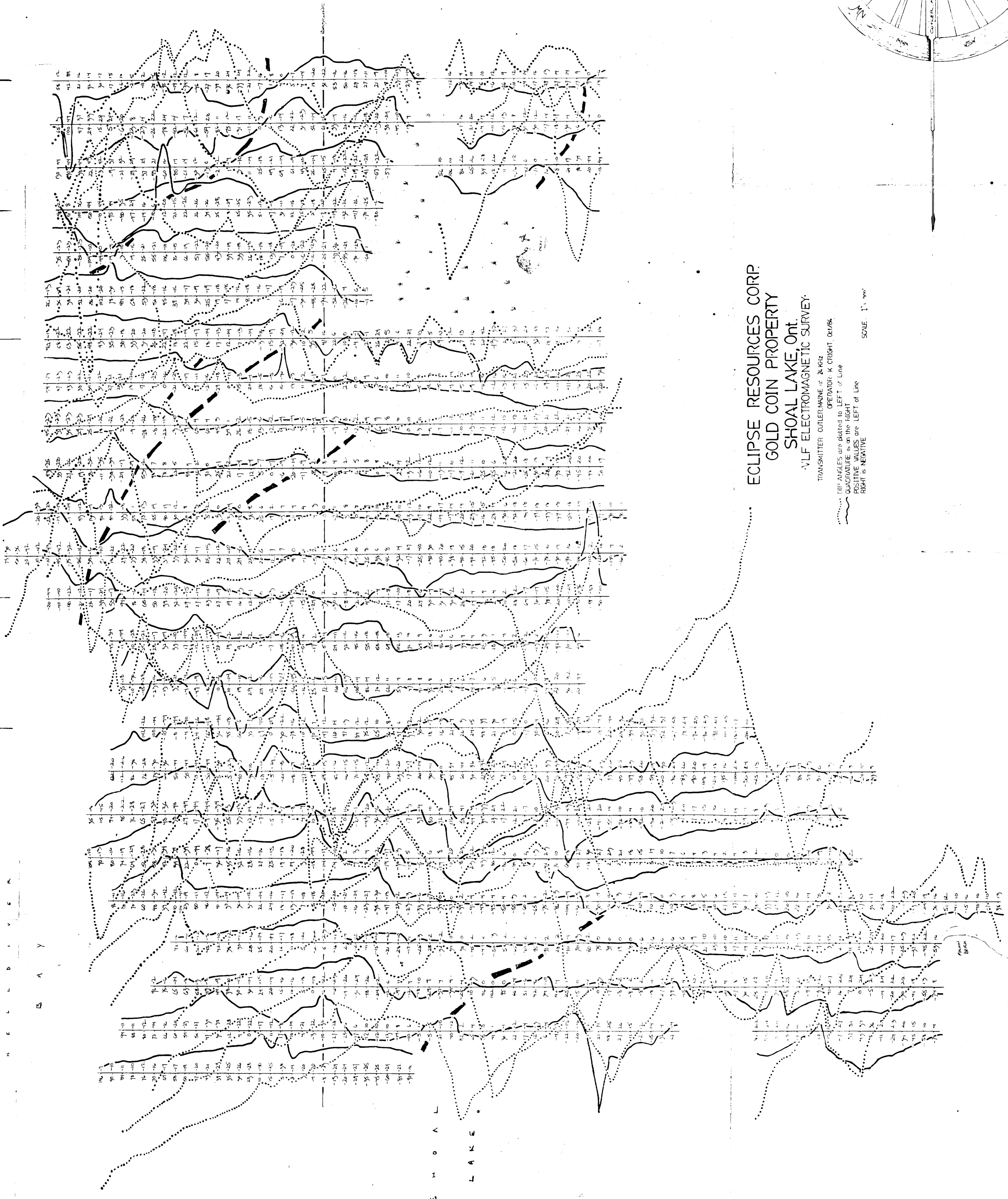
Instrument:
GEOMETRICS PROTON PRESSION MAGNETOMETER
Contour Interval: 100 J
Base Level Contour: 50-100
Operators: D and K CRIGHT
Oct/84

Scale: 1" = 200'

No. of READINGS: 1313



L24W L18W L12W L6W L0 L6E L12E L18E



ECLIPSE RESOURCES CORP.
 GOLD COIN PROPERTY
 SHOAL LAKE, Ont.
 VLF ELECTROMAGNETIC SURVEY

TRANSMITTER: OUTER MAINS at 24 KHZ
 OPERATOR: K. CRIGHT Oct/86.
 DIP ANGLES are plotted to LEFT of Line
 QUADRATURE is on the RIGHT
 POSITIVE VALUES are LEFT of Line
 NEGATIVE VALUES are RIGHT of Line

SCALE: 1" = 100'

