

DM85-8-C-164



31M05NE0149 63.4933 COLEMAN

010

S I L V E R C E N T U R Y E X P L O R A T I O N S L T D

E X P L O R A T I O N P R O G R A M

O N T H E

S I L V E R H E A R T P R O P E R T Y G R O U P

C O B A L T O N T A R I O A R E A

by

January 10, 1986

James E. Armstrong, P. Eng.



31M05NE0149 63.4933 COLEMAN

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AREA MAP	1"- $\frac{1}{2}$ mile
PROPERTY MAP (Plan & Section)	1"- 400'
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INTRODUCTION

The following report was prepared to cover the recent exploration program carried out by Silver Century Explorations Ltd. on the Silver Heart Property in the Cobalt Area between November 6, and December 31, 1985.

PROPERTY DESCRIPTION

The Silver Heart Group of properties includes four patented mining claims in Coleman Township as follows.

<u>Claim No</u>	<u>Claim Name</u>	<u>Parcel No</u>	<u>Acres</u>	<u>Description</u>
T34317✓	Clinton	13427 S.S.T.	20.0	W½, SW½, S½, Lot 3, conc. 4
134✓	Dreadnought	5322 S.S.T.	40.0	NW½, N½, Lot 3, conc. 3
199	Rochester	5325 S.S.T.	21.0	SW½, N½, Lot 3, conc. 3
414✓	Davis	4401 S.S.T.	9.0	NEpt, N½, Lot 4, conc. 3

The claims are patented and free from all encumbrances.

The property group is located about 2½ miles south-east of the Town of Cobalt and may be reached by the township road to Brady Lake followed by the mine access road on the Silver Miller Brady Lake property.

The claims are bounded on the north by the former Silver Hill, Conisil and Gem properties, on the east by the Brady Lake properties formerly of Silver Miller Mines, presently held by Agnico Eagle Mines Ltd. and on the west by the Oxford Cobalt Silver Mines presently owned by Consolidated Professor Mines Ltd.

HISTORY

This property group was originally staked and patented in 1907 by the Rothschild Cobalt Company Ltd. It was held by the Dreadnought Mines Ltd. from 1909 to 1919 when it was taken over by the C.R. Reinhardt interests. It has had some further exploration and recently it has been under lease to Sulpetro Minerals Limited, this lease terminating June 30, 1982. At present the property is held under lease option agreement held by Silver Century Explorations Ltd.

GEOLOGY

The area Nipissing diabase sill covers the north part of the property and dips south-east under steeply dipping pillowed andesite. This Keewatin andesite has also been cut by another coarse diabase dike.

The strong Columbus fault strikes North-West, through the centre of the property.

The veins near surface in the upper diabase contact zone contain some silver and cobalt and they have been explored by two shallow shafts. The south shaft is reported, in 1910, to be 100 feet deep with some crosscutting and drifting. The north shaft is described as being 90 feet deep. Although many "float" nuggets of silver have been recovered in the exploration work, no commercial silver deposit has yet been located on this group.

The lower diabase contact zone has never been explored on this property group.

ADJACENT WORKINGS

Adjoining to the east, the 215', 500', and 610' levels of the Brady Lake property approach the boundary. These levels, mostly in diabase, are associated with the upper diabase contact zone. This property group produced approximately 9 million ounces of silver. These workings are presently shut down.

To the north of the Silver Heart Group, the 610' level from the Conisil shaft passes close to the north boundary. This 610' level was driven to explore and develop silver deposits under the centre and south east part of Giroux Lake, at the lower contact. These workings are presently dewatered and are maintained operational pending further financing of Sulpetro Minerals Ltd.

To the West, the Consolidated Professor Mines property, has been explored at the upper contact by several shafts and adits. Some silver and cobalt has been recovered but no commercial deposits have been identified. There has been no exploration of the lower contact zone here.

REFERENCES

This briefly summarizes the main features of the property. Further information may be available from the following sources:

1. Detailed large scale maps and sections of the Conisil operations to the north and the Silver Miller Brady Lake operations to the east, may be available at Sulpetro Minerals Ltd.

2. Some maps and information are available at the office of the Resident Geologist in Cobalt Ontario.

3. The property is covered in the Ontario Department of Mines, Preliminary Report on Parts of Coleman Township - Concession 3, Lots 1 to 3, District of Temiskaming, October 1961, pages 82 - 84.

4. Ontario Department of Mines Map #P96 of the Cobalt area.

PROGRAM DESCRIPTION

In September 1985, an exploration team, using metal detectors, located a small surface showing of native silver in place, on the north-east portion of the claim group.

After further reconnaissance and survey, a diamond drill program was launched, to further extend this silver occurrence.

A total of 16 holes were drilled for a total footage of 2409 feet in phase 1 of this program.

OBSERVATIONS

Significant silver was encountered in 8 of the holes drilled and the silver continued on down for at least 80 feet in the central section. The vein system strikes generally north south over the 150 foot length drilled. A major structure, roughly flat lying, was encountered on hole #13 between 219' and 230 feet hole footage at 190 feet below surface. These flat lying structures often occur at base of silver zones in the area.

The diamond drill core from this program is stored on the Genesee Property just north of the Town of Cobalt.

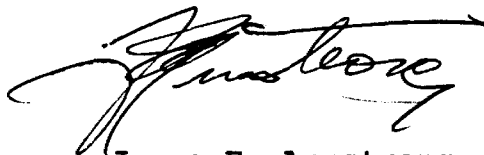
CONCLUSIONS AND RECOMMENDATIONS

Although the actual silver intersections were limited to a small chimney like zone in the central sector drilled, there is a good possibility that this silver zone could continue on down to the flat structure previously noted. The calcite vein zone extends south toward the Columbus fault structure and

there is also a good probability that additional silver could be located along this strike.

I strongly recommend that a program of at least 3000 feet of diamond drilling be carried out to further probe this structure for additional silver zone extensions. This program could be most efficiently carried out starting in May.

Yours truly,

A handwritten signature in cursive script, appearing to read "James E. Armstrong".

James E. Armstrong, P. Eng.
Consulting Mining Engineer.

SILVER CENTURY EXPLORATIONS LTD

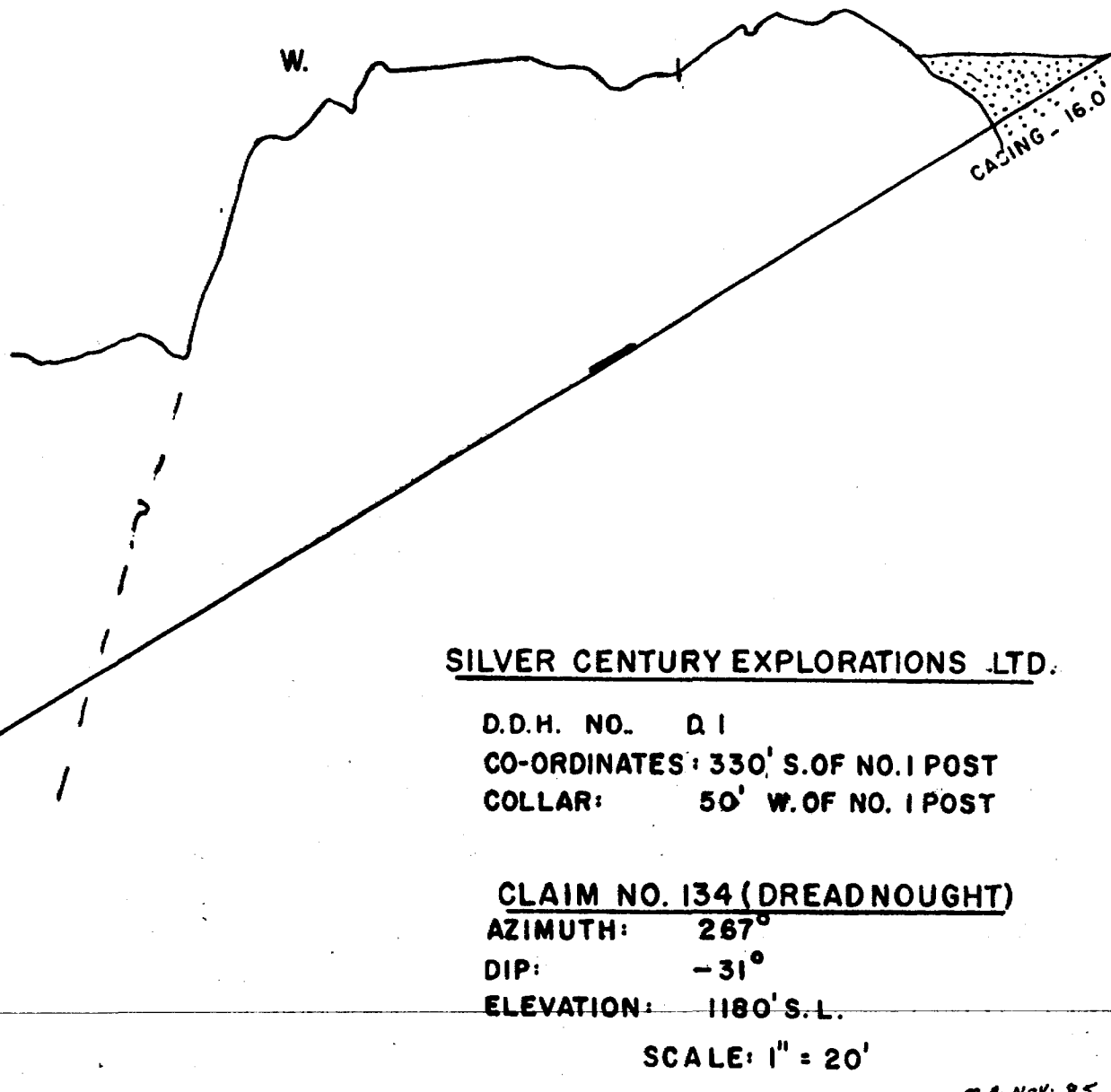
DIAMOND BRILL TABULATION ON CLAIM #134

HOLE NO	DATE STARTED	HOLE DIST	AZIMUTH	DIP	LOCATION		REMARKS
					LAT	DEP	
D1	Nov 6	251.0	267°	-31°	330'S of #1 Post	50' W of #1 Post	
D2	Nov 11	157.0	267°	-36°	"	"	
D3	Nov 12	107.0	267°	-40°	"	"	
D4	Nov 13	121.0	287°	-30°	"	"	
D5	Nov 14	101.0	270°	-30°	280'S of #1 Post	50' W of #1 Post	
D6	Nov 17	117.0	270°	-40°	"	"	
D7	Nov 19	175.0	270°	-36°	430'S of #1 Post	25' W of #1 Post	
D8	Nov 20	167.0	270°	-45°	"	"	
D9	" 22	188.0	087°	-35°	330'S of #1 Post	126' W of #1 Post	
D10	" 25	77.0	087°	-45°	"	"	
D11	" 26	97.0	116°	-40°	304'S of #1 Post	146' W of #1 Post	
D12	" 27	123.0	116°	-50°	"	"	
D13	" 29	303.0	116°	-60°	"	"	
D14	Dec 3	127.0	96°	-45°	"	"	
D15	" 4	131.0	96°	-55°	"	"	
D16	" 6	167.0	132°	-50°	"	"	
TOTAL FOOTAGE		2409.0'					

PHASE 1 Completed Dec 6, 1985

SAMPLES

NO.	FOOTAGE	LENGTH	OZ. AG. PER TON
D.1	65.5 - 65.8	0.3'	2.92
D.2	65.8 - 66.0	0.2'	0.54
D.7	66.0 - 66.9	0.9'	10.86
D.3	66.9 - 67.0	0.1'	454.68
D.8	67.0 - 68.5	1.5'	0.60
D.4	68.5 - 68.6	0.1'	419.88
D.9	68.6 - 69.0	0.4'	25.89
D.5	69.0 - 69.2	0.2'	378.82
D.10	69.2 - 69.4	0.2'	60.47
D.6	69.4 - 69.6	0.2'	8.38
D.11	69.6 - 70.0	0.4'	10.76
D.30	171.0 - 172.0	REP	0.05



SILVER CENTURY EXPLORATIONS LTD.

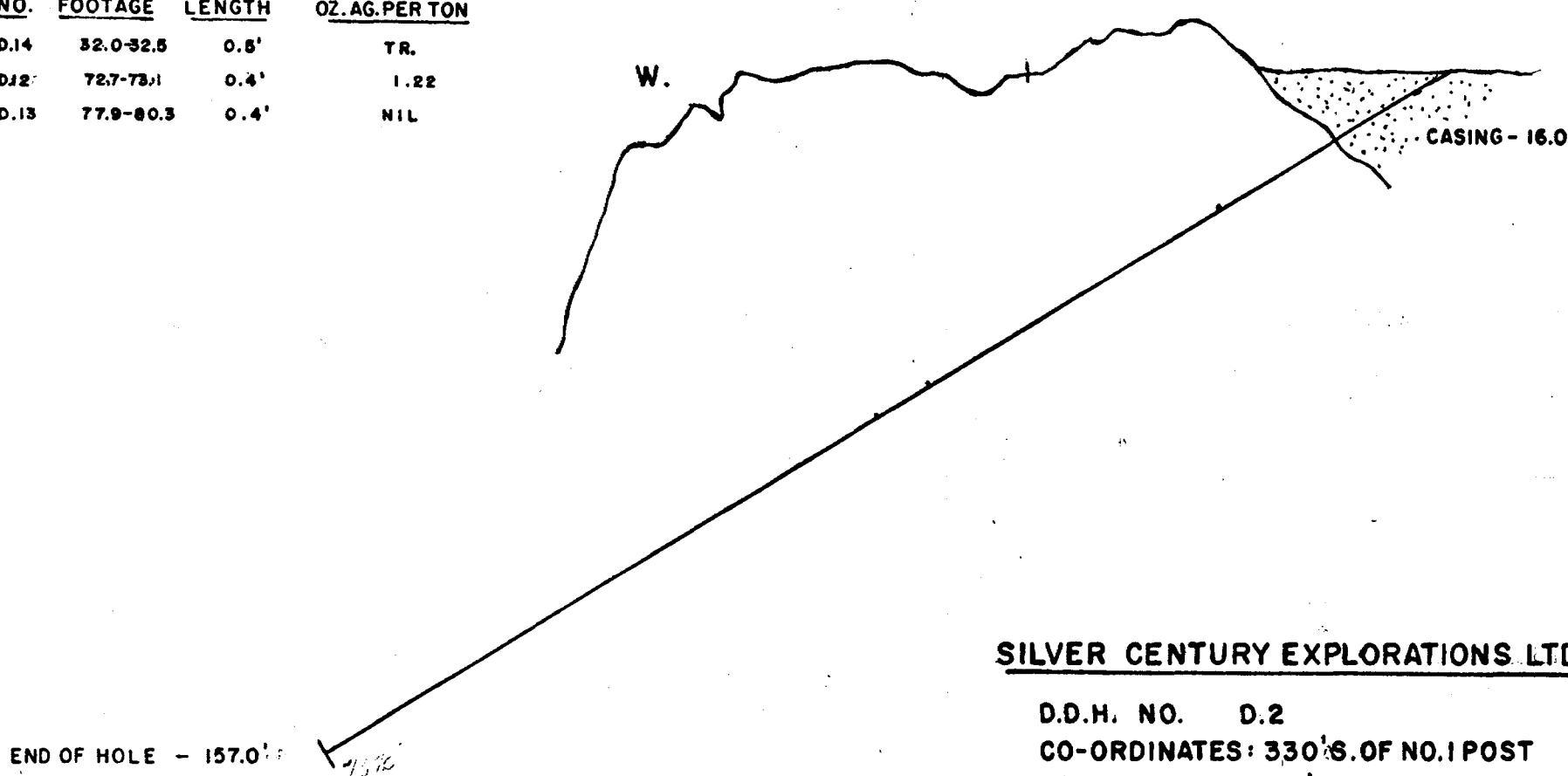
D.D.H. NO. D 1
 CO-ORDINATES: 330' S. OF NO. 1 POST
 COLLAR: 50' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 267°
 DIP: -31°
 ELEVATION: 1180' S.L.

SCALE: 1" = 20'

SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.14	32.0-32.5	0.5'	TR.
D.12	72.7-73.1	0.4'	1.22
D.13	77.9-80.3	0.4'	NIL



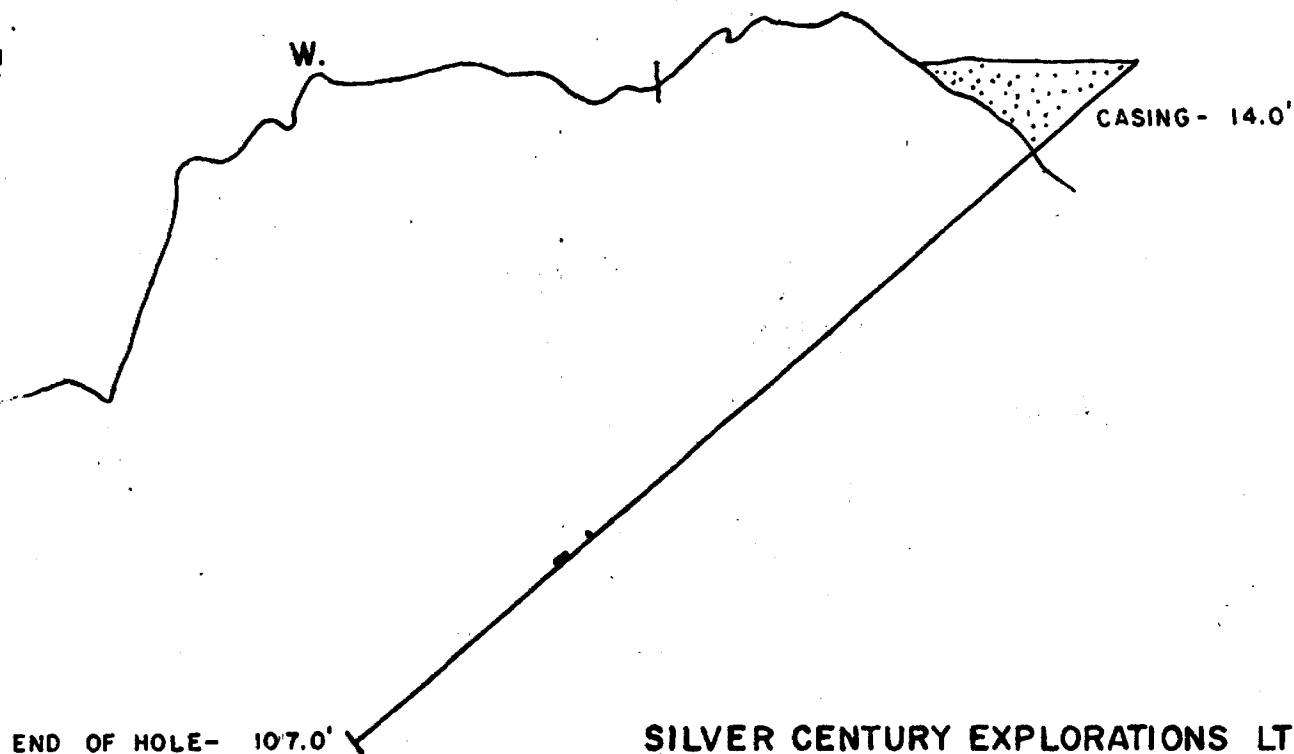
SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.2
CO-ORDINATES: 330' S. OF NO.1 POST
COLLAR: 50' W. OF NO.1 POST

CLAIM NO.134 (DREADNOUGHT)
AZIMUTH: 247°
DIP: - 31°
ELEVATION: 1180' S.L.

SCALE: 1" = 20'

<u>SAMPLES</u>			
<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.15	74.7-74.9	0.2'	2.12
D.16	77.7-78.2	0.5'	7.17
D.17	78.2-78.4	0.2'	13.78
D.18	78.4-78.7	0.3'	24.94
D.19	78.7-78.9	0.2'	24.16
D.20	78.9-79.3	0.4'	23.88



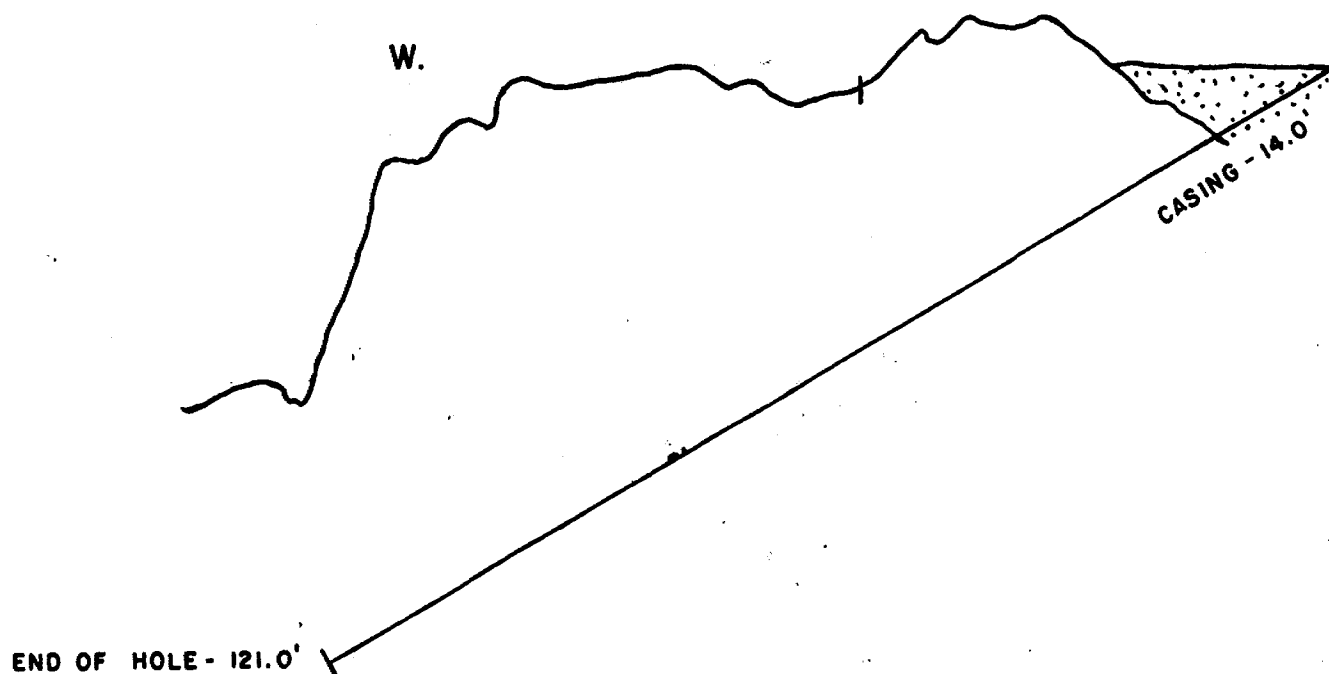
SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.3
 CO-ORDINATES: 330' S. OF NO. 1 POST
 COLLAR: 50' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 267°
 DIP: -40°
 ELEVATION: 1180' S. L.

SCALE: 1" = 20'

<u>SAMPLES</u>			
<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.21	78.0-78.3	0.3'	0.11
D.22	78.5-78.8	0.3'	0.07
D.23	78.8-79.1	0.3'	NIL
D.24	79.1-79.3	0.2'	TR.



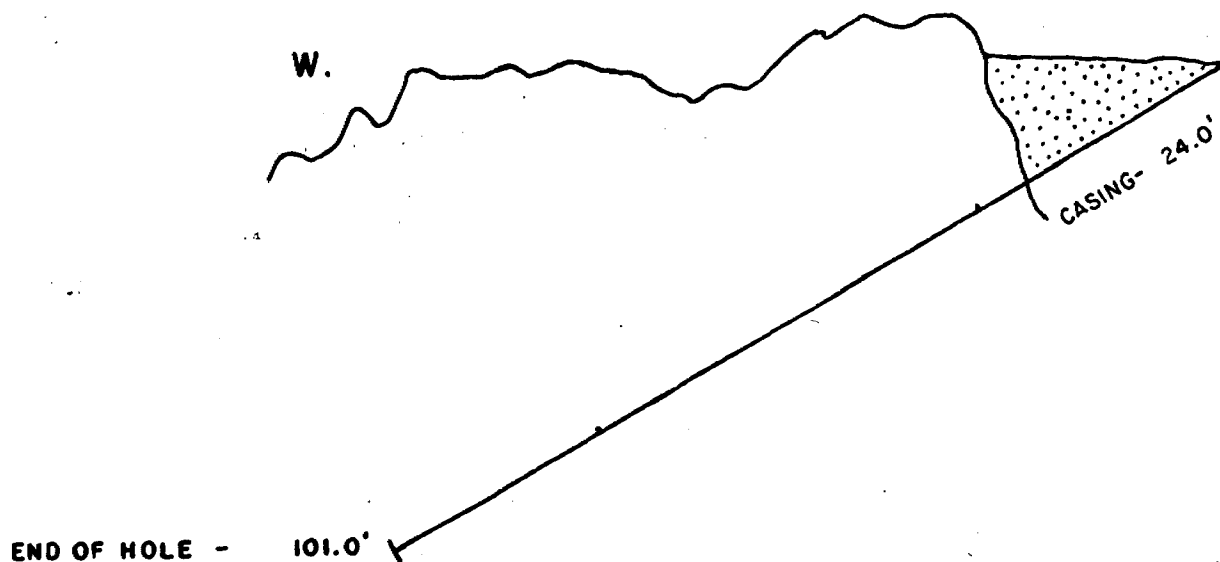
SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.4
 CO-ORDINATES: 330'S. OF NO. 1 POST
 COLLAR: 50' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 287°
 DIP: -40°
 ELEVATION: 1180'S.L.

SCALE: 1" = 20'

NO.	FOOTAGE	SAMPLES	
		LENGTH	OZ. AG. PER TON
0.25	29.6-30.0	0.4'	NIL
0.26	75.5-75.7	0.2'	TR.



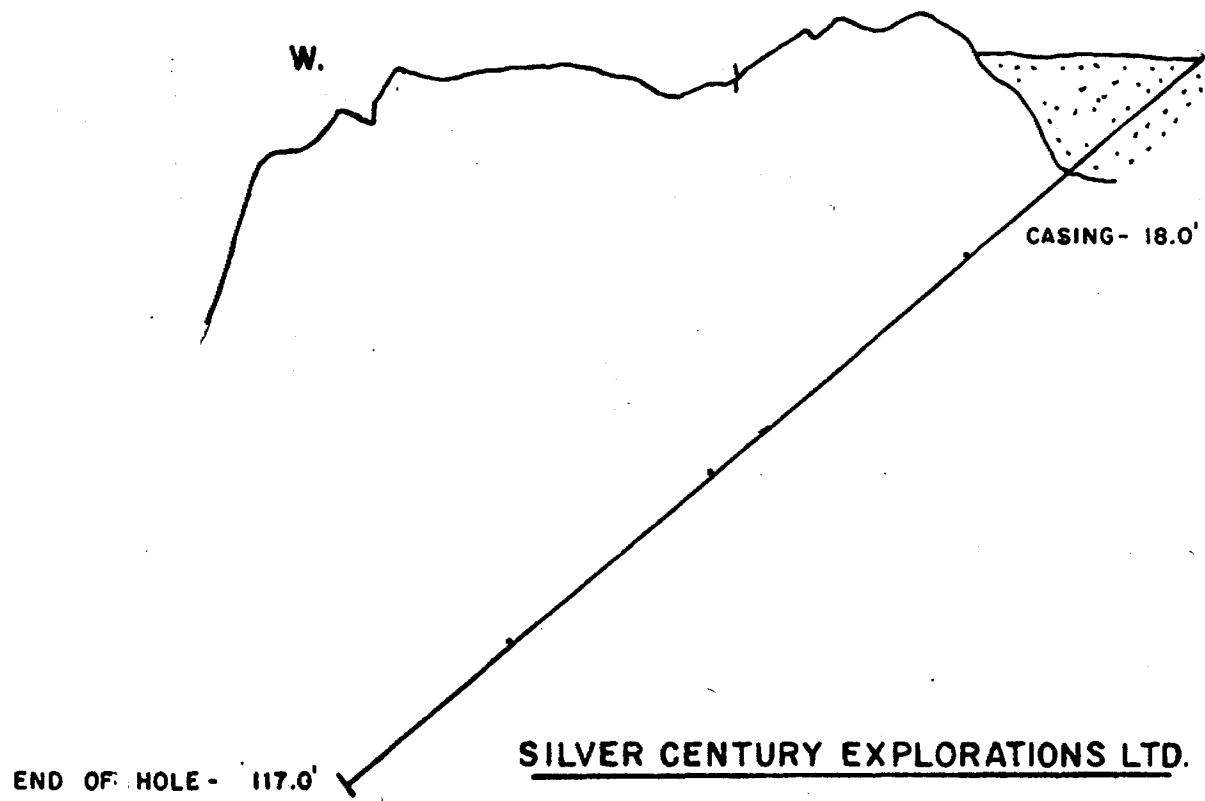
SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.5
 CO-ORDINATES: 280' S. OF NO. 1 POST
 COLLAR: 50' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 270°
 DIP: -30°
 ELEVATION: 1180' S.L.

SCALE: 1" = 20'

NO.	FOOTAGE	SAMPLES	
		LENGTH	OZ. AG. PER TON
D.27	32.0-32.5	0.3'	0.05
D.28	67.2-67.4	0.2'	0.01
D.29	94.0-95.0	1.0'	NIL



SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D. 6
 CO-ORDINATES: 280' S. OF NO. 1 POST
 COLLAR: 50' W. OF NO. 1 POST

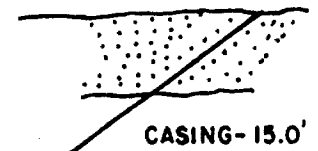
CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 270°
 DIP: -40°
 ELEVATION: 1180' S.L.

SCALE: 1" = 20'

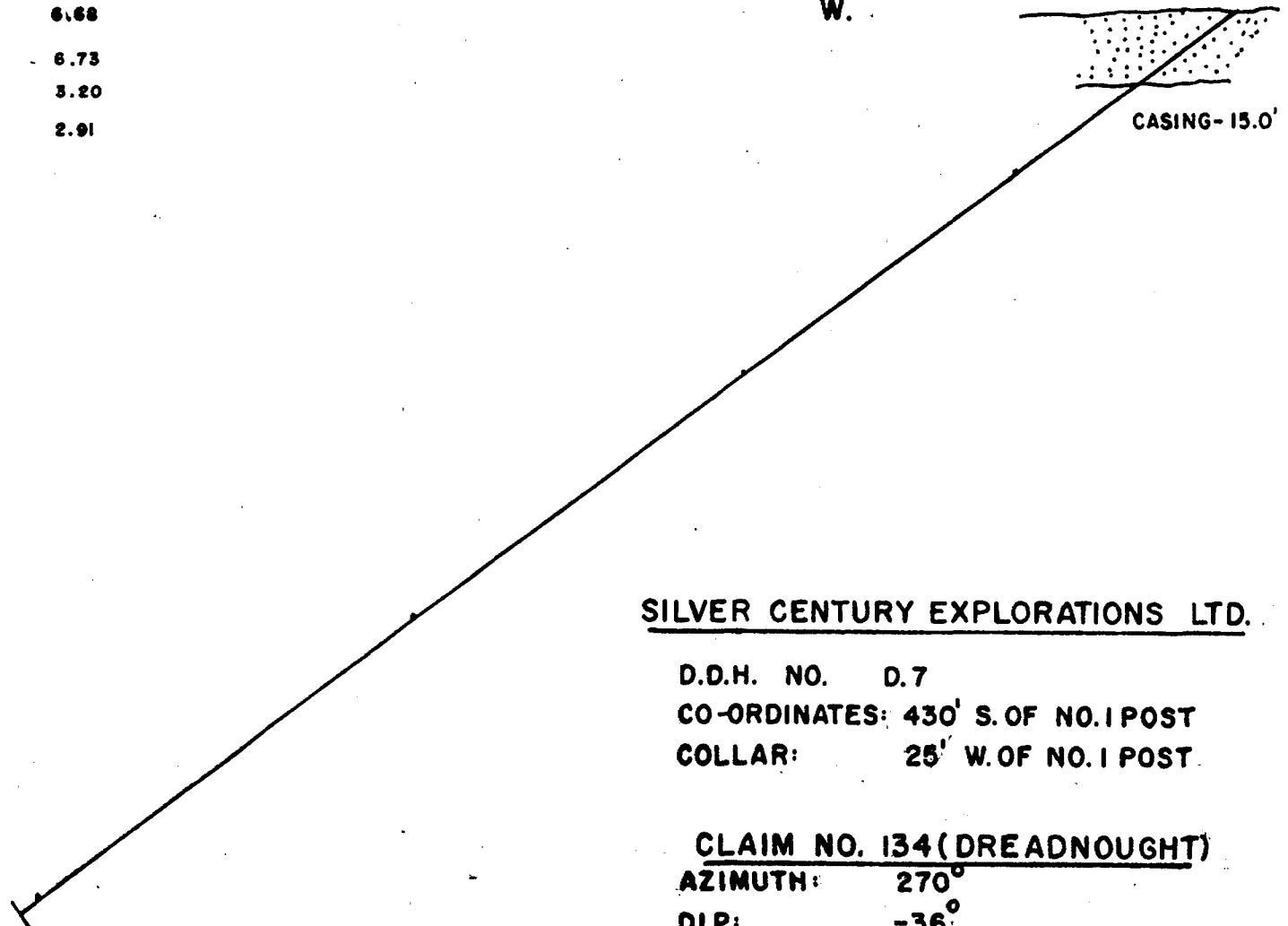
SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.31	31.7 - 32.1	0.4'	6.68
D.32	71.0 - 71.3	0.3'	6.73
D.33	118.2 - 118.6	0.4'	3.20
D.34	173.3 - 173.5	0.2'	2.91

W.



CASING-15.0'



END OF HOLE - 175.0'

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.7

CO-ORDINATES: 430' S. OF NO. 1 POST

COLLAR: 25' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)

AZIMUTH: 270°

DIP: -36°

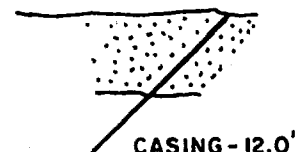
ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

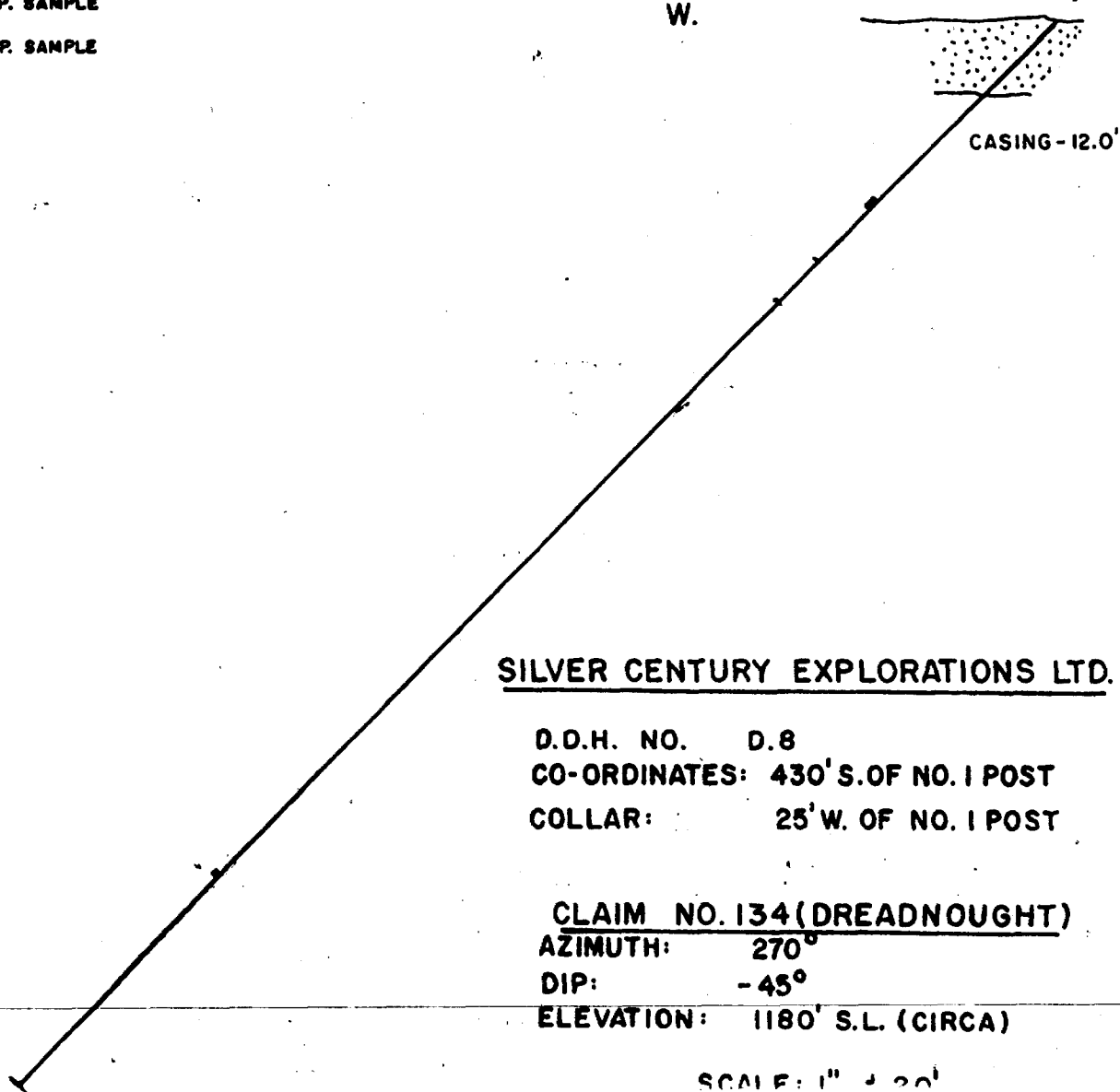
SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>	
D.35	27.8-29.3	0.2'	1.66	REP. SAMPLE
D.36	27.8-29.3	0.4'	0.40	REP. SAMPLE
D.37	38.0-38.1	0.1'	TR.	
D.38	44.0-44.2	0.2'	0.30'	
D.39	133.7-134.0	0.3'	0.10	

W.



CASING - 12.0'



END OF HOLE - 167.0'

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.8
 CO-ORDINATES: 430' S. OF NO. 1 POST
 COLLAR: 25' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 270°
 DIP: -45°
 ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'



CASING - 12.0'

SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.40	34.8-34.8	0.3'	2.8
D.41	34.8-35.0	0.2'	74.12
D.42	35.0-35.2	0.2'	1.15
D.43	35.2-35.4	0.2'	2.03
D.44	35.4-35.8	0.4'	0.33
D.45	35.8-36.0	0.2'	0.68
D.46	36.0-36.2	0.2'	2.20
D.47	40.1-40.4	0.3'	1.91
D.48	41.0-41.2	0.2'	0.26
D.49	44.2-44.3	0.1'	0.17
D.50	44.4-44.5	0.1'	0.15
D.51	56.0-56.2	0.2'	TR.
D.52	177.2-177.5	0.3'	0.70

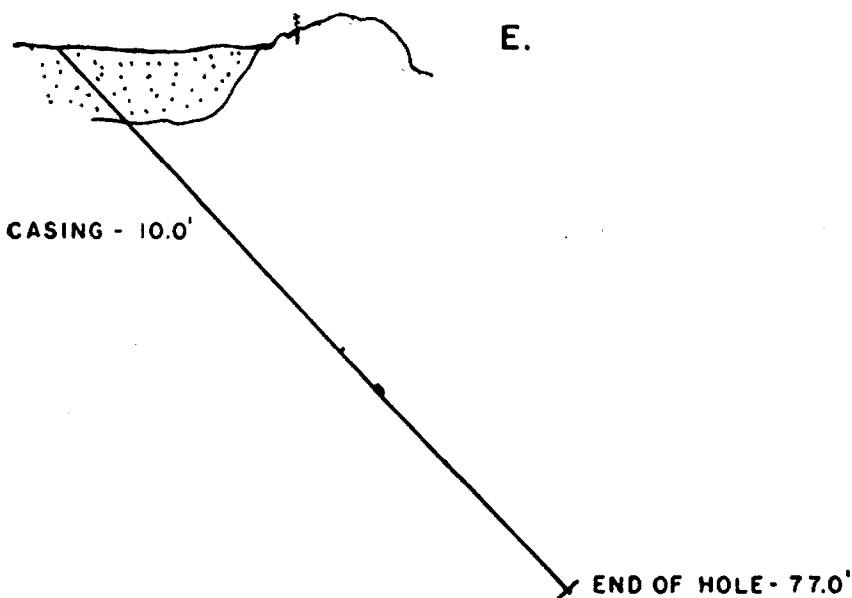
SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.9
CO-ORDINATES: 330' S. OF NO.1 POST
COLLAR: 126 W. OF NO.1 POST

CLAIM NO. 134 (DREADNOUGHT)
AZIMUTH: 087°
DIP: -35°
ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

END OF HOLE - 188.0'



NO.	FOOTAGE	SAMPLES	
		LENGTH	OZ. AG PER TON
D. 53	42.3-42.5	0.2'	0.32
D. 54	47.8-48.2	0.4'	0.75
D. 55	48.2-48.5	0.3'	0.84

SILVER CENTURY EXPLORATIONS LTD.

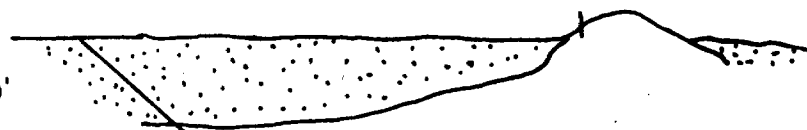
D.D.H. NO. D.10
 CO-ORDINATES: 330' S. OF NO. 1 POST
 COLLAR: 126' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)

AZIMUTH: 087°
 DIP: - 45°
 ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

CASING - 14.0'



E.

SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D. 56	71.0-71.3	0.3'	53.56
D. 57	71.3-71.5	0.2'	251.78
D. 58	71.5-71.8	0.3'	379.00
D. 59	73.3-73.4	0.1'	4.49
D. 60	78.5-78.6	0.1'	3.60
D. 61	79.1-79.2	0.1'	0.84

END OF HOLE - 97.0'

SILVER CENTURY EXPLORATIONS LTD.

D. D. H. NO. D. 11

CO-ORDINATES: 304' S. OF NO. 1 POST

COLLAR: 146' S. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)

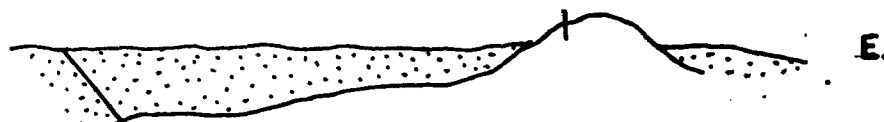
AZIMUTH: 116°

DIP: -40°

ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

CASING- 10.0'



E.

SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.62	79.8-79.0	0.2'	15.42
D.63	79.0-79.3	0.3'	13.52
D.64	79.3-79.5	0.2'	4.26
D.65	79.5-79.8	0.3'	33.71
D.66	87.2-87.4	0.2'	5.62
D.67	87.4-87.6	0.2'	386.62
D.68	87.6-87.75	0.15'	21.20
D.69	87.75-88.0	0.25'	3.88
D.70	88.0-88.2	0.2'	16.32
D.71	88.2-88.4	0.2'	29.84
D.72	88.4-88.6	0.2'	22.96

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.12

CO-ORDINATES: 304' S. OF NO. 1 POST

COLLAR: 146' W. OF NO. 1 POST

CLAIM. NO. 134 (DREADNOUGHT)

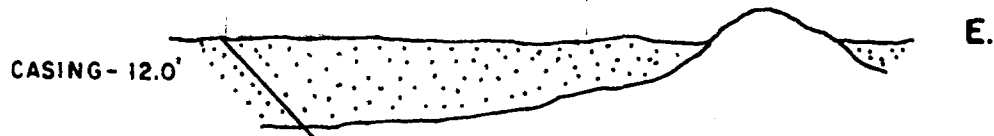
AZIMUTH: 116°

DIP: -50°

ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

END OF HOLE - 123.0'



SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.83	94.8-95.0	0.2'	2.86
D.84	105.7-105.9	0.2'	2.66

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.14
 CO-ORDINATES: 304' S. OF NO. 1 POST
 COLLAR: 146' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
 AZIMUTH: 096°
 DIP: -45°
 ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

END OF HOLE - 127.0'

CASING - 6.0'



E.

SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.88	14.3-15.1	0.4' (REP)	0.35

SILVER CENTURY EXPLORATIONS LTD.

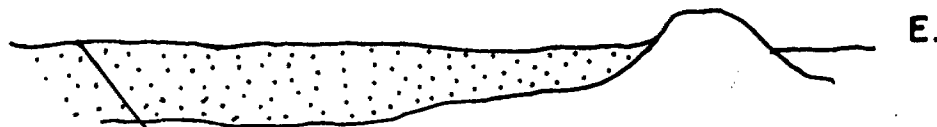
D.D.H. NO. D.15
CO-ORDINATES: 304' S. OF NO. 1 POST
COLLAR: 146' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)
AZIMUTH: 096°
DIP: -55°
ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

END OF HOLE - 131.0'

CASING - 10.0'



SAMPLES

<u>NO.</u>	<u>FOOTAGE</u>	<u>LENGTH</u>	<u>OZ. AG. PER TON</u>
D.88	84.7-85.0	0.3'	18.65
D.89	85.0-85.2	0.2'	0.25
D.90	85.2-85.7	0.5'	34.32
D.91	85.7-85.9	0.2'	290.90
D.92	85.9-86.1	0.2'	18.59
D.93	87.9-88.1	0.2'	0.16
D.93	88.1-88.2	0.1'	0.08
D.94	88.2-88.5	0.3'	0.13

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D.16

CO-ORDINATES: 304' S. OF NO. 1 POST

COLLAR: 146' W. OF NO. 1 POST

CLAIM NO. 134 (DREADNOUGHT)

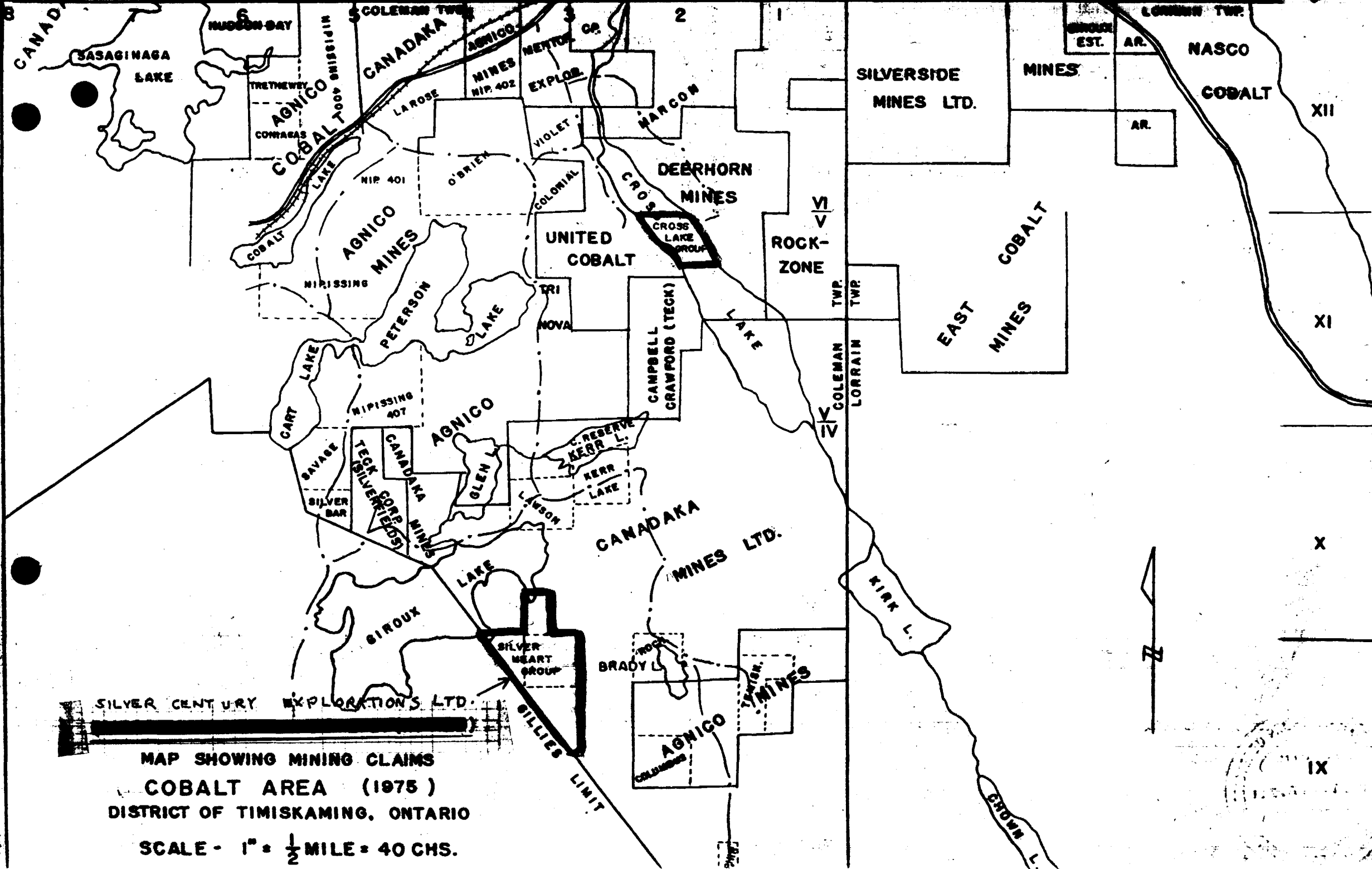
AZIMUTH: 126°

DIP: -50°

ELEVATION: 1180 S.L. (CIRCA)

SCALE: 1" = 20'

END OF HOLE - 1670'



SILVER CENTURY EXPLORATIONS LTD.

MAP SHOWING MINING CLAIMS
 COBALT AREA (1975)
 DISTRICT OF TIMISKAMING, ONTARIO

SCALE - 1" = 1/2 MILE = 40 CHS.

DIAMOND DRILL RECORD

SILVER CENTURY EXPLORATIONS LTD.

DREAD HUGHT
CHAIN 134

PROPERTY _____ HOLE NO. D.1.

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Nov. 6 - 85
 LATITUDE 330' S. OF #1 POST DATUM _____ COMPLETED Nov. 11 - 85
 DEPARTURE 30' W. OF #1 POST BEARING 267° ULTIMATE DEPTH 251.0'
 ELEVATION 1180' S.L. DIP -31° PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER OZ.	SLUDGE GOLD	DIST HOR. VERT.
0.0 - 16.0	CASINE								
16.0 - 68.4	DIABASE COARSE & FINE	65.5	65.8	2-3" GRAY CAL. STRS. 45° FINE METALLIC MINS.	D.1	0.3'	2.92		
68.4 - 69.4	DIABASE, ALTERED	65.8	66.0	WALL ROCK, ALTERED, CHARITIC THREADS	D.2	0.2'	0.54		
69.4 - 171.0	DIABASE - COARSE	66.0	66.9	CHL. STRS. VIS. AC, CPY	D.7	0.9'	10.86	} 50.47 OZ. 4.0'	
		* 66.9	67.0	" " "	D.3	0.1'	454.68		
171.0 - 172.0	LIGHT GREEN	67.0	68.5		D.8	1.5'	0.60		
	OLIVINE DIKE 60°	* 68.5	68.6	CAL. STRS. 45° VIS. AC.	D.4	0.1'	419.88		
172.0 - 183.0	DIABASE - COARSE	68.6	69.0		D.9	0.4'	25.89		
	ORANGE FELDSPAR PREDOMINANTLY, EPIDOTE IN SPOTS	* 69.0	69.2	1" WHITE CRYSTALLINE CAL. 45° - Co. MINS.	D.5	0.2'	378.82		
		69.2	69.4		D.10	0.2'	60.47		
183.0 - 251.0	DIABASE - COARSE & FINE.	69.4	69.6	3" CO. VEINLET 45°	D.6	0.2'	8.38		
		69.6	70.0		D.11	0.4'	10.76		
		70.1	70.5	CHARITIZED SLIPS 25° SERPENTINE.					
		207.0		3" WATERY CAL. 45°	DIKE P.30	Rep.	0.05		
		214.0		4" GR. BLUE; 30° N.V.M.					
				END OF HOLE 251.0'					
								215.1	129.3

DIAMOND DRILL RECORD

SILVER CENTURY EXPLORATIONS LTD.

DRENNONIGHT
CLAIM #134

PROPERTY _____

HOLE NO. D. 3

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Nov. 12 - 85

LATITUDE 33° 5' N. OF #1 POST

DATUM _____

COMPLETED Nov. 13 - 85

DEPARTURE 50' W. OF #1 POST

^{AZ.} BEARING 267°

ULTIMATE DEPTH 107.0

ELEVATION 1180' S.L.

DIP -40

PROPOSED DEPTH _____

DEPTH FEET	LITHOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GOLD OR.	SLUDGE GOLD	DIST. H.R.	VERT.
0.0 - 14.0	CRACKING									
14.0 - 74.3	DIABASE - COARSE									
74.3 - 75.0	DIABASE - ALTERED	74.7	74.9	1/2" CH. STR. 45° N.W.M.	D.15	0.2'	2.2			
75.0 - 78.0	DIABASE - COARSE	77.7	79.8	FINE THREADS AG. - RUBY						
		78.8	78.9	1/2" CH. VEINLET 45° V.S. AG.						
78.0 - 79.3	DIABASE - ALTERED	79.6	79.9	2-1/4" CH. STR. 45°						
79.3 - 107.0	DIABASE - COARSE	77.7	78.2	RUBY & FINE AG.	D.16	0.5'	7.17	} 47.18' of 1.6'		
		78.2	78.4	RUBY & FINE AG.	D.17	0.2'	13.78			
		78.4	78.7	RUBY & FINE AG.	D.18	0.3'	24.94			
		78.7	78.9	CH. VEIN. V.S. AG. 45°	D.19	0.2'	261.16			
		78.9	79.3	WASH ROCK, V.S. AG.	D.20	0.4'	23.58			
				END. OF HOLE 107.0'					82.0	8.8

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DIAMOND DRILL RECORD

SILVER CENTURY EXPLORATIONS LTD.

DREADNOUGHT
CLAIM # 134

PROPERTY _____

HOLE NO. D. 4

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Nov. 13/85

LATITUDE 330' S. OF # 1 POST

DATUM _____

COMPLETED Nov. 14/85

DEPARTURE 50' W. OF 1 POST

^{AZ.} BEARING 287°

ULTIMATE DEPTH 121.0 FT.

ELEVATION 1180' S.L.

DIP -30°

PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GRAMS SZ.	SLUDGE GOLD	DIST. HOR. VERT.
0.0 - 14.0	CASING								
		57.1	57.8	FLAT SILICATE VEIN					
14.0 - 78.5	DIABASE - COARSE			20° PY					
		78.0	78.3	CAL. STRS. 45° N.V.M.	D.21	0.3'	0.11		
78.5 - 79.3	DIABASE - FINE								
		78.5	78.8	IRR. CAL. SPARS 35°	D.22	0.3'	0.07		
79.3 - 121.0	DIABASE - COARSE*			1" WHITE CAL. 30° CPY.					
		78.8	79.1		D.23	0.3'	NIL		
		79.1	79.3		D.24	0.2	TRACE		
		94.0		1/2" WHITE CAL. 45° N.V.M.					
				END OF HOLE.	121.0'				104.8 60.5

DIAMOND DRILL RECORD

SILVER CENTURY EXPLORATIONS LTD.

DREADNOUGHT
CHAIN # 134

PROPERTY _____

HOLE NO. D. 6

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Nov. 17 / 85

LATITUDE 280 S. OF #1 POST

DATUM _____

COMPLETED Nov. 18 / 85

DEPARTURE 50' W. OF #1 POST.

AZIMUTH BEARING 270°

ULTIMATE DEPTH 117.0 FT.

ELEVATION 1180' S.I. (CIRCA)

DIP -40°

PROPOSED DEPTH _____

DEPTH FEET	LITHOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER <small>GRAINS</small> GZ	SLUDGE GOLD	DIST. H.R. VERT.
0.0 - 18.0	CASING	20.9	-	1/4" CAL. STD 30° FINE METALLIC MINS.					
18.0 - 117.0	DIABASE - COARSE	31.8	32.5	CHARITIC CAL. STRS. FINE METALLIC MINS. 30°	D. 27 32.2 - 32.3	0.3'	0.05		
		67.0	67.5	2 - SILICEOUS MIN. VEINS 45°	D. 28 67.2 - 67.4	0.2'	0.01		
		94.0	98.0	CHARITIC SHIPS. 11 1/2 CORE - CM	D. 29	1.0'	NIL.		
END OF HOLE 117.0									8962 75.2

DIAMOND DRILL RECORD

DREADNOUGHT
CLAIM # 134

PROPERTY SILVER CENTURY EXPLORATIONS LTD. HOLE NO. D-7

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Nov. 19/85
 LATITUDE 430' S. OF #1 POST DATUM _____ COMPLETED Nov. 20/85
 DEPARTURE 25' W. OF #1 POST. AZIMUTH 270° ULTIMATE DEPTH 175'.0'
 ELEVATION 1180' S.L. (CIRCUIT) DIP -36° PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GRADE %	SLUDGE GOLD	Dist. HOR. VERT.
0.0 - 15.0	CASING								
15.0 - 175.0	DIABASE-CORSE	31.7	32.1	WEATHERED SECTION	D.31	0.4'	6.68		
		71.0	71.3	1" Grey Cal. 45° N.V.M	D.32	0.3'	6.73		
		118.2	118.6	1/2" Grey Cal. 25° N.V.M	D.33	0.4'	3.20		WHOLE CORE
		173.3	173.5	3/4" Grey Cal. 45° Fine PyR	D.34	0.2'	2.91		WHOLE CORE
				END OF HOLE 175'.0'					141.6 102.9

DIAMOND DRILL RECORD

DREADNOUGHT
CHAIN 134

PROPERTY SILVER CENTURY EXPLORATIONS LTD. HOLE NO. D. 8

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED NOV. 20 / 85
 LATITUDE 43° 5' 0" N. 1st POST DATUM _____ COMPLETED NOV. 21 / 85
 DEPARTURE 25' W. OF #1 POST ~~AZ. BEARING~~ 270° ULTIMATE DEPTH 167.0
 ELEVATION 1180' S.L. (CIRCA) DIP - 45° PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GRAMS G.K.	SLUDGE GOLD	DIST. HOR. VERT.
0.0 - 12.0	CASING								
		27.8	29.3	HEAVILY WEATHERED	D. 35	0.2'	1.66		REPRESENTATIVE Sample
12.0 - 167.0	DIMBASIC - QUARTZ			QUARTZ VEIN SECTION	D. 36	0.4'	0.40		" " "
				SULPHIDES - 45°					
		38.0	38.1	1/2" GRAY CAL. SP. 45°	D. 37	0.1'	TR.		
		44.0	44.2	1/2" GREEN CAL. CHLORITE	D. 38	0.2'	0.30		
				N.V.M. BROKEN UP					
		63.0	63.1	1/2" SILICEOUS, CHERTY, 70°					
		86	110	COR. BOX BROKEN MIXED					
				UP CORE.					
		133.7	134.0	1/2" WHITE CAL. 30°	D. 39	0.3'	0.10		
		166.0	166.1	1/2" GREEN CHLORITE 60°					
				END OF HOLE - 167.0					118.1 118.1

DIAMOND DRILL RECORD

DREADNOUGHT
CHAIN #134

PROPERTY SILVER CENTURY EXPLORATIONS LTD. HOLE NO. D. 9

SHEET NUMBER _____

SECTION FROM _____ TO _____

STARTED Nov. 22 1985

LATITUDE 336' S. OF #1 POST.

DATUM _____

COMPLETED Nov. 25 1985

DEPARTURE 126' W. OF #1 POST.

~~FK.~~
BEARING 087°

ULTIMATE DEPTH 188.0'

ELEVATION 1180' S.L. (CIRCA)

DIP -35°

PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GR.	SLURRY GOLD †	DIST.	
									HOR.	VER.
0.0 - 12.0	CASING	* 34.5	34.8	ALTERED DIABASE FINE AG	D.40	0.3'	2.8			
		* 34.8	35.0	1 1/2" WHITE CAL. AG 60°	D.41	0.2'	74.12		30.1	18.0'
12.0 - 177.0	DIABASE - COARSE			IRON PARTY GROUND.						
		35.0	35.2	WALL ROCK	D.42	0.2'	1.15			
177.0 - 177.5	DIABASE - ALTERED	35.2	35.4	" " MINOR CO. SCAL	D.43	0.2'	2.08			
		35.4	35.8	" "	D.44	0.4'	0.33			
177.5 - 188.0	DIABASE - COARSE	35.8	36.0	" " FINE METALLICS	D.45	0.2'	0.68			
		* 36.0	36.2	3/4" GREY CAL. VEIN 70°	D.46	0.2'	2.20		30.9	18.6'
		40.1	40.4	WALL ROCK, ALTERED FINE AG	D.47	0.3'	1.91			
		41.0	42.2	1/2" GREY CAL. GROUND 45° FINE METALLICS	D.48	0.2'	0.26		35.0	21.1
		44.2	44.3	1/2" WHITE CAL. 70° CPY. FINE METALLICS	D.49	0.1'	0.17		37.7	22.7
		44.4	44.5	1/2" HARD WHITE CAL. 70° CPY. FINE METALLICS	D.50	0.1	0.15			
		56.0	56.2	GREEN ALTERED SECTION REDDISH MINERAL	D.51	0.2	TR.			
		177.2	177.5	WHITE CRYSTALLINE CAL 70°	D.52	0.3	0.10		145.2	101.6
				END OF HOLE. 188.0'					154.0	107.8

AS *—* *P.*

DIAMOND DRILL RECORD

DREADNOUGHT
CLAIM # 134

PROPERTY SILVER CENTURY EXPLORATIONS LTD. HOLE NO. D. 10

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED Nov. 25 / 85
 LATITUDE 336' S. of #1 Post DATUM _____ COMPLETED Nov. 26 / 85
 DEPARTURE 126' W. of #1 Post ^{AX} BEARING 087° ULTIMATE DEPTH 77.0'
 ELEVATION 1180' S.L. (CIRCU) DIP -45° PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GRAMS OZ.	SLUDGE GOLD	DIST HOL. NO.
0.0 - 10.0	CASING								
10.0 - 77.0	DIBBLE	42.3	42.5	1 1/2" WHITE CHL. 60°	D.53	0.2'	0.32		
		47.8	48.2	2-1/2" WHITE CHL. VEINS FINE SP. METALLIC; 60°	D.54	0.4'	0.75		
		48.2	48.5	WALL-ROCK ALTERED FINE MINS	D.55	0.3'	0.84		
END OF HOLE. 77.0'									54454-4

DIAMOND DRILL RECORD

DREAD NOUGHT
CHAIN # 134

PROPERTY SILVER CENTURY EXPLORATIONS. LTD. HOLE NO. D.12

SHEET NUMBER 1

SECTION FROM _____ TO _____

STARTED Nov. 27 1985

LATITUDE 304' S. OF #1 POST

DATUM _____

COMPLETED Nov 28 1985

DEPARTURE 146' W. OF #1 POST.

~~AZ.~~
BEARING 225° (116° 14')

ULTIMATE DEPTH 123.0'

ELEVATION 1180' S.A. (CIRCA)

DIP -50°

PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GR.	SLUDGE GOLD	DIST. HOR. VERT.
0.0 - 10.0	CASING								
10.0 - 123.0	DIABASE	16.0	-	1" MUD					
	COARSE	78.2	78.3	SPY. ON SHIP.					
		(78.8	79.9)	ALTERED DIABASE FINE AG					
		78.8	79.0	WASH-ROCK FINE CO. AG.	D.62	0.2'	15.42		
		79.0	79.3	" " FINE METALLICS.	D.63	0.3'	13.52	} 10 18.114g	
		79.3	79.5	CAL. VEINLET, FINE AG 20'	D.64	0.2'	4.26		
		79.5	79.8	WASH-ROCK, FINE METALLICS	D.65	0.3'	33.71		
		(87.2	88.2)	VEIN SECTION					
		87.2	87.4	WASH-ROCK FINE MINS.	D.66	0.2'	5.62		
		87.4	87.6	" " " AG. (VIEW)	D.67	0.2'	386.62		
		87.6	87.75	CAL. & CO. VEIN 60° RUBY	D.68	0.15'	21.20	} 10 96.47g	
		87.75	88.0	WASH-ROCK, FINE AG	D.69	0.25'	3.88		
		88.0	88.2	1/2" CAL. VEIN, 60° - CO. AG.	D.70	0.2'	16.32		
		88.2	88.4	DIABASE, RUBY ON SHIPS	D.71	0.2'	29.84		
		88.4	88.6	" " " "	D.72	0.2'	22.96		
END. OF HOLE -					123.0'				7906 94.22

DIAMOND DRILL RECORD

DREAD NAUGHT
CLAIM 134

PROPERTY SILVER CENTURY EXPLORATIONS LTD. HOLE NO. D.13

SHEET NUMBER 1 SECTION FROM _____ TO _____ STARTED NOV 29 185
 LATITUDE 304' S. OF #1 POST DATUM _____ COMPLETED DEC 2 185
 DEPARTURE 146' W OF #1 POST BEARING AZ. ~~N 116° E~~ 116° (SURVEYED) ULTIMATE DEPTH 303.0'
 ELEVATION 1180' S.L. (CIRCA) DIP -60° PROPOSED DEPTH _____

DEPTH FEET	GEOLOGY	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER OF	SLUDGE GOLD	DIST. HOR. FEET
0.0 - 6.0	CASING								
6.0 - 208.2	DIABASE - COARSE	27.0	28.0	CH. THREADS - 45°					
		92.0	92.4	ALTERED WALL-ROCK FINE AG	D.73	0.4'	45.39		46.0 79.67
208.2 - 209.0	POSSIBLE DIKE	92.4	92.5	" " " 1/2" AG	D.74	0.1'	69.31		150.13 81 1.1'
	45° HEMATITE	92.5	92.6	MASSIVE CO. AG VEIN 40°	D.75	0.1'	798.13		
	CHLORITE, Banded	92.6	92.7	" " " " 40°	D.76	0.1'	550.24		
		92.7	92.8	WALL-ROCK - FINE AG - CO	D.77	0.1'	27.60		
209.0 - 212.0	FINE GRAINED	92.8	93.1	SPLINES CH. 60°	D.78	0.3'	8.21		46.55 80.62
	DIABASE	93.3	93.5	WALL-ROCK					
		(99.0	100.0)	ALTERED WALL ROCK 1 1/2"					
212.0 - 219.0	DIABASE - COARSE			WHITE CAL. VEIN. 45°					
		99.0	99.3	ALTERED WALL-ROCK	D.79	0.3'	0.58		
		99.3	99.5	" " "	D.80	0.2'	0.66		
		99.5	99.7	GRAY WHITE CAL. VEIN 45° FINE MINS.	D.81	0.2'	0.26		
		99.7	100.0	ALTERED WALL-ROCK	D.82	0.3'	0.25		
		148.5	148.6	1" CHLORITE VEIN AT 45°					
		219.1	220.1	BROKEN CORE, HEMATITE FINE METALLURGY					

~~WENT BACK AND EXTENDED HOLE~~

DIAMOND DRILL RECORD

EXTENSION

DREADNOUGHT
CLAIM # 134

PROPERTY SILVER CENTURY EXPLORATIONS LTD HOLE NO. D. 13.

SHEET NUMBER II

SECTION FROM _____ TO _____

STARTED DEC. 5/85

LATITUDE 304' S. OF #1 POST

DATUM _____

COMPLETED DEC. 6/85

DEPARTURE 146' W. OF #1 POST

^{AZ.} BEARING 116°

ULTIMATE DEPTH 303.0'

ELEVATION 1180' S.L. (CIRCU)

DIP -60°

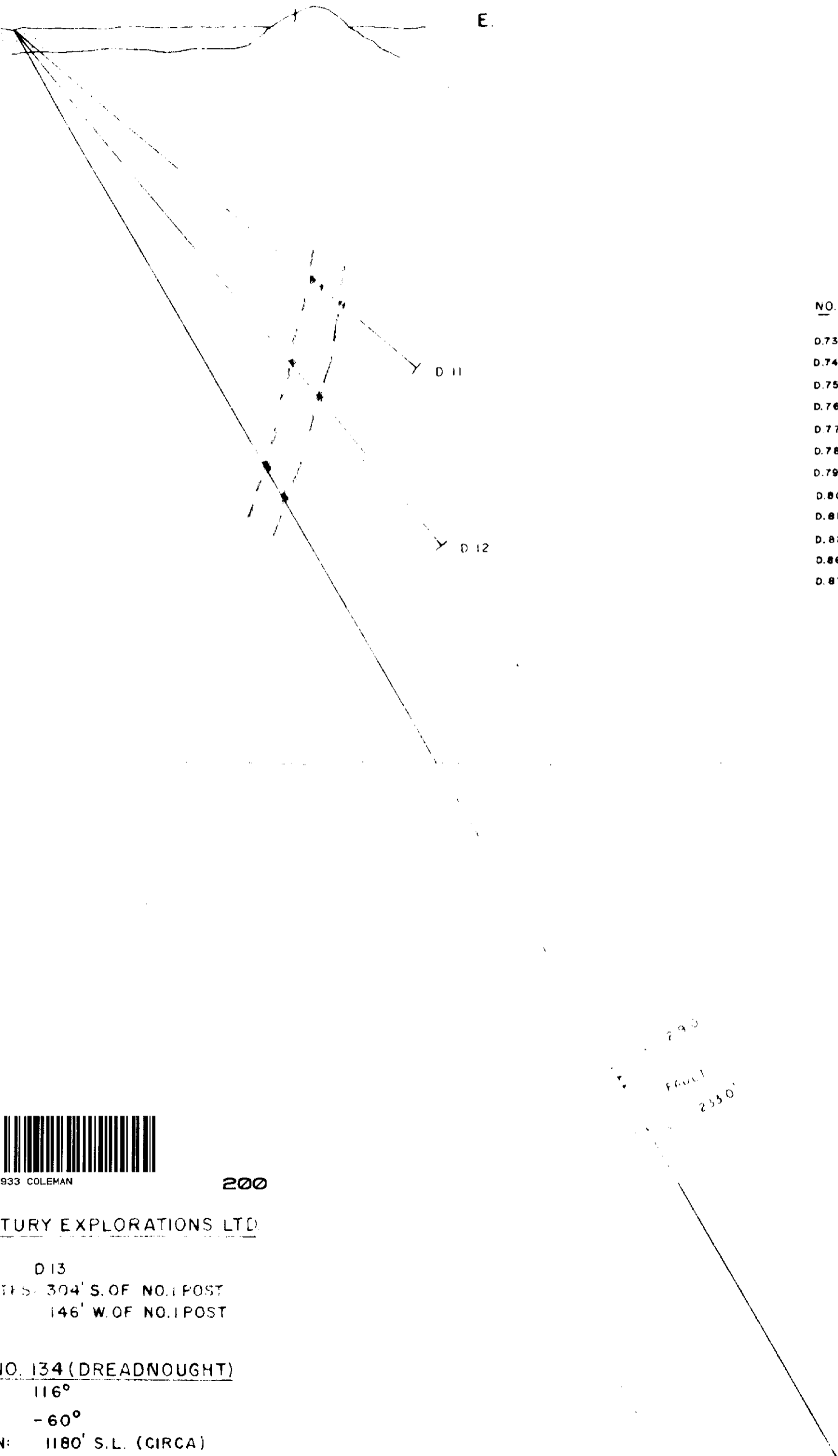
PROPOSED DEPTH _____

DEPTH FEET	Geology	FROM	TO	ECONOMIC	SAMPLE NO.	WIDTH OF SAMPLE	SILVER GR.	SLUDGE GOLD †	DIST. HOR.	VERT.
219.0 - 233.0	FLAT FAULT * ALTERED AND BRECCIATED DIABASE	219.0	230.1	FLAT LYING FAULT BRECCIATED - HEAVILY ALTERED. ZONES OF CAL RECRISTALLINATION; CRY HEMATITE; 85°						
		222.0	222.3	CHL. BANNED N.V.M.	D. 86	0.3'	0.32			
233.0 - 303.0	DIABASE - CONGLO	224.4	224.5	1" BRECCIA CRY; 80° SERPENTINE.	D. 87	0.1'	3.48			
		257.0	257.5	BANNED CHLORITE, EPIDOTE 60°						
		298.0	298.1	1/2" QTZ. STR. 45° N.V.M.						
		298.5	299.0	MOTTLED CH. " " "						
				END OF HOLE. 303.0'						
									151.5	262.4

12 — 11

CASING - 60'

E.



SAMPLES

NO.	FOOTAGE	LENGTH	OZ. AG. PER TON
D.73	92.0-92.4	0.4'	45.39
D.74	92.4-92.5	0.1'	69.31
D.75	92.5-92.6	0.1'	798.13
D.76	92.6-92.7	0.1'	550.24
D.77	92.7-92.8	0.1'	27.60
D.78	92.8-93.1	0.3'	8.21
D.79	99.0-99.3	0.3'	0.58
D.80	99.3-99.5	0.2'	0.66
D.81	99.5-99.7	0.2'	0.26
D.82	99.7-100.0	0.3'	0.25
D.86	222.0-222.3	0.3'	0.32
D.87	224.4-224.5	0.1'	3.48



31M05NE0149 63.4933 COLEMAN

200

SILVER CENTURY EXPLORATIONS LTD.

D.D.H. NO. D13
 CO-ORDINATES: 304' S. OF NO.1 POST
 COLLAR 146' W. OF NO.1 POST

CLAIM NO. 134 (DREADNOUGHT)

AZIMUTH: 116°

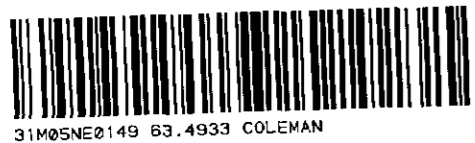
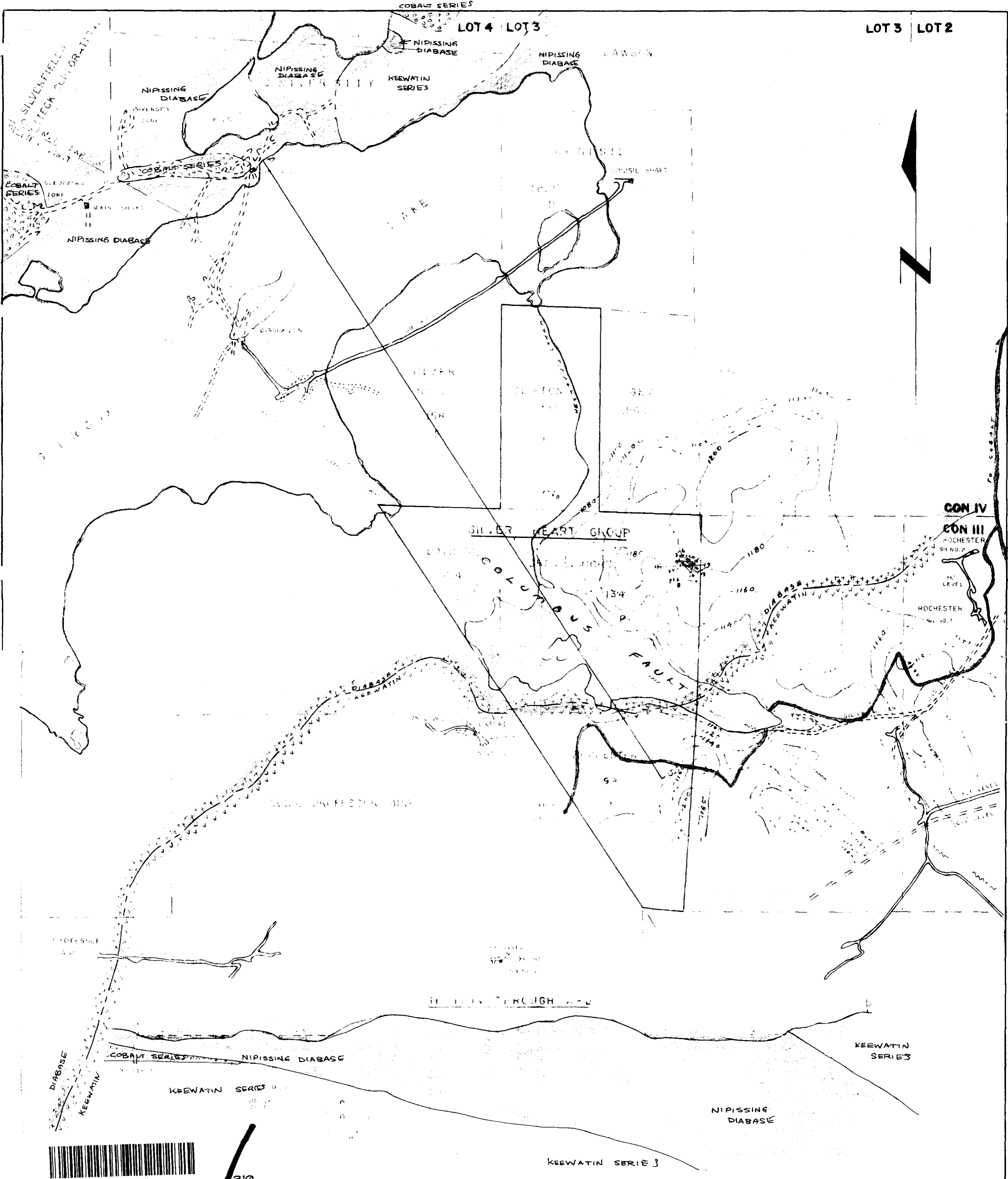
DIP: -60°

ELEVATION: 1180' S.L. (CIRCA)

SCALE: 1" = 20'

290
 FAULT
 2330'

END OF HOLE - 303.0'



210

SILVER CENTURY SILVER PROPERTIES LIMITED
 SILVER HEART GROUP
 COBALT AREA
 REAR GEOLOGY AND ADJACENT AREAS
 W.A. COLEMAN

LEGEND	
	NIPISSING DIABASE
	KEEWATIN SERIES
	PROFESSOR
	SULPHIDE
	AGNICO
	SILVERFIELDS