87 050

DURHAM RESOURCES INC.

WEST GORE ANTIMONY PROPERTY

WEST GORE, NOVA SCOTIA

LICENSE #11158 16 MINERAL CLAIMS

MAP SHEET 11E 4B

REPORT ON

1987 DIAMOND DRILLING - BERGGREN SOUTH ZONE

MARCH 2, 1987

RENE ALBERT
CHARLES MORRISSY
GEOLOGIST

INTRODUCTION

LOCATION & PROPERTY DESCRIPTION

SURVEY METHODS

DIAMOND DRILLING

ASSESSMENT WORK BREAKDOWN

✓DIAMOND DRILL LOGS

MAPS

✓ (i) 1:200 SECTIONS ✓ (11 Sections)

✓ (ii) 1:2000 ddh LOCATION ✓

✓ (iii) 1:2000 LONGITUDINAL SECTION ✓

✓ (iv) 1:2000 ddh LOCATION: PROPERTY ✓ & CLAIM ✓ (2 maps)

x (v) 1:5000 ddh LOCATION

x (vi) 1:5000 SOIL GEOCHEM

x (vii) 1:5000 VLF

x (viii) 1:5000 MAG

✓ (ix) 1:5000 GEOLOGY ✓

✓ (x) 1:5000 COMPOSITE: GEOCHEM, GEOPHYSICS, GEOLOGY ✓

~~MAPS~~

x = not provided

LOCATION AND PROPERTY DESCRIPTION

The property is located 50 km north of Halifax, Nova Scotia, midway between Windsor and Shubeniacadie.

It consists of 93 mineral claims, held under two exploration licenses and covers an area of 1505 hectares.

The two licenses are:

(1) Exploration License No. 11158

CLAIMS	TRACT NO.	REFERENCE MAP
JKPQ	70	11 E 4 B
LMNO	71	11 E 4 B
CDEF	74	11 E 4 B
ABGH	75	11 E 4 B

(11) Exploration License No. 11159

CLAIMS	TRACT NO.	REFERENCE MAP
ALL CLAIMS	50	11 E 4 B
JKLM NOPQ	51	11 E 4 B
JKLM NOPQ	52	11 E 4 B
ABCD EFGH J	69	11 E 4 B
ABCD EFGH LMNO	70	11 E 4 B
ABCD EFGH JKPO	71	11 E 4 B
ABCD JKLM NOPQ	74	11 E 4 B

Of the above claims the following are held under option from:

Seabright Resources Inc. (10 claims)

CLAIMS	TRACT NO.	REFERENCE MAP
JKP	70	11 E 4 B
LMP	71	11 E 4 B
CF	74	11 E 4 B
BG	75	11 E 4 B

Trenholme Lodge (19 claims)

CLAIMS	TRACT NO.	REFERENCE MAP
J	69	11 E 4 B
EFGH LMNO	70	11 E 4 B
N	71	11 E 4 B
D JKLM NOPQ	74	11 E 4 B

INTRODUCTION

Exploration on the West Gore claims, consisting of geochemistry, geophysics, geological mapping and diamond drilling, was done over a period of 7 months from mid May to mid December 1985. The objects of this work were to 1) extend the known quartz/stibnite veins around the old workings into a new deposit, 2) search for new undiscovered stibnite bearing veins lying beneath the soil cover, within the 93 mineral claims.

In 1985 encouraging results were obtained with some holes drilled on the Berggren South Zone. The zone averaged 4.18% Sb and 0.261 oz. T/Au over an area 425 feet long x 300 feet deep and 1 foot thick. It is possible that what has been intersected to date is only a narrow window of mineralization that has surfaced.

A 6 hole diamond drill program was initiated in February, 1987 to further evaluate this zone at approximately the 400 foot level.

DIAMOND DRILLING

Introduction

A total footage of 3,273' of N Q diamond drill core was recovered from 6 drill holes over a 2 week period from February 4 to 17, 1987. The minimum depth obtained on the holes was 497' (152.92 m) while the maximum depth reached 607' (186.77 m).

The purpose of these drill holes was to extend the quartz/stibnite ore zone from the known Berggren South mining shaft. The holes were all to be drilled trending true north so as to crosscut at greater depth (450') the east-west trending quartz/stibnite vein with an 85° S plunge, observed in the 1985 drill holes.

Drilling Equipment

A skid mounted Longyear 38 diamond drill was used on the property. C.J.M. drilling from Wallace, NS performed the contract.

Geology of the Core

All the diamond drill holes were drilled on the Halifax formation of the Meguma Group. The major portion of the core is a medium to fine grained, greenish grey, highly sheared and sericitized slate, with up to 50% greywacke interbedding at lower depths. In holes 87-1 to 87-4 the thin greywacke layers are interrupted between approximately 180' to 250' where slate and thin quartzite layers compose the bedrock. At greater depth the greywacke beds reappear in the slate. In holes 87-5 and 87-6 the greywacke layers are interrupted at shallow depths of 70' to 180' while slate is the major component of the rock throughout. Quartzite layers only appear deep in these holes (at 470') or are completely absent. The mineralized zones of the Berggren South vein occur as quartz filled fault zones and fractures. The fault zones are distinguished by a higher degree of shearing and a definite change in the shearing angle as well as the presence of quartz, stibnite and shale gangue.

SUMMARY OF HOLES DRILLED IN 1987

ɔle No.	Vein/Lead	Depth	Purpose
87-1	Berggren South	503' (154.77 m)	Testing the plunge of Berggren South zone picked-up in 1985 drilling at depth and along strike.
87-2	"	497' (152.92 m)	"
87-3	"	507' (156.00 m)	"
87-4	"	607' (186.77 m)	"
87-5	"	557' (171.38 m)	"
87-6	"	602' (185.23 m)	"

DRILL SAMPLES

ɔle No.	Sample No.	Footage	Rock Type	%Sb		Auppb	Au oz/T	
87-1	WGD 3925	245 - 247	Quartz vein	0.06		1196	0.038	
"	WGD 3918	316.8 - 318.8	Shist	0.08		64		
"	WGD 3919	318.8 - 321.3	Quartz vein	9.58	10.25/7.5		0.44	1.0
"	WGD 3920	321.3 - 323.8	Quartz vein	3.75			1.07	7.5
"	WGD 3921	326.3 - 328.3	Quartz vein	17.41			1.60	
"	WGD 3922	326.3 - 328.3	Quartz vein	0.20		402		
"	WGD 3923	335 - 337	Quartzite bands	0.11		66		
"	WGD 3824	337 - 340	Quartzite bands	0.09		25		
87-2	WGD 91	332.5 - 333.5	Quatz vein	0.18		218		
"	WGD 92	347.5 - 349.1	Sheared schist	0.08		5		
"	WGD 3929	445.5 - 448.5	Quartz vein	0.07	1.54/7.0	43		
"	WGD 3930	448.5 - 450	Quartz vein	6.62		8401	0.26	
"	WGD 3931	450 - 452.5	Quartz vein	0.25		359		
"	WGD 3932	468 - 471	Quartzite band	0.21		124		
"	WGD 3933	490.5 - 492.5	Quartz stringer	0.08		5		
87-3	WGD 3934	471 - 472	Quartz vein	0.06		5		
"	WGD 3935	477 - 480	Quartz vein	0.14		500		
"	WGD 3936	480 - 481	Quartz vein	2.87		974	0.031	
"	WGD 3937	481 - 484	Quartz vein	0.06		178		
87-4	WGD 3636	53.7 - 57	Quartz/chlorite vein	0.13		33		
"	WGD 100	272.5 - 273.9	Quartzite bands	0.08		58		
"	WGD 3638	281.3 - 282.0	Sericite schist	0.09		5		
"	WGD 99	403.3 - 405.3	Quartz vein	0.08		368		
"	WGD 3926	408 - 413	Quartz vein	0.07	0.08/10.0	5		
"	WGD 3927	413 - 415	Quartz vein	0.10		184		
"	WGD 3928	415 - 418	Quartz vein	0.09		54		
87-5	WGD 93	178.5 - 179.5	Fractured schist	0.07		5		
"	WGD 94	273.8 - 275.8	Quartz vein	0.13		5		
"	WGD 95	340.5 - 341.8	Breciated quartz vein	0.10		5		
"	WGD 96	379.5 - 380.5	Sheared quartz vein	0.09		29		
"	WGD 97	450.2 - 452.4	Quartz vein	2.98			0.31	
"	WGD 3637	457.1 - 457.8	Quartz vein	0.12		22		
"	WGD 98	468.6 - 469.7	Fractured schist	0.22		362		
"	WGD 3938	488.5 - 490.5	Quartz vein	0.09		5		
87-6	WGD 3939	328.5 - 329.5	Mud slip	0.08		18		
"	WGD 3941	462 - 463	Quartz vein	0.09		255		
"	WGD 3940	464 - 468.5	Quartz vein	0.07		5		

ASSAYERS (ONTARIO) LIMITED
33 CHAUNCEY AVENUE TORONTO, ONTARIO M8Z 2Z2 · TELEPHONE (416) 239-3527

Certificate of Analysis

Certificate No. MI-15557/5993 Date: March 5, 1987

Received Feb. 24/87 38 Samples of Pulps

Submitted by Durham Resources Inc. Att'n: Mr. Charles Morrissy

Sample No.	Au ppb	oz/ton	Sample No.	Au ppb	oz/ton
091	218		3925	1196	.038
092	<5		3926	5	
093	<5		3927	184	
094	<5		3928	54	
095	<5		3929	43	
096	29		3930	8401	.26
097	>10000	.31	3931	359	
098	362		3932	124	
099	368		3933	<5	
100	58		3934	<5	
3636	33		3935	500	
3637	22		3936	974	.031
3938	<5		3937	178	
3918	64		3938	<5	
3919	>10000	.44	3939	18	
3920	>10000	1.07	3940	<5	
3921	>10000	1.6*	3941	255	
3922	402		~~3942~~	~~532~~	
3923	66		~~3943~~	~~122~~	
3924	25				

*Not enough sample to check Assay

ASSAYERS (ONTARIO) LIMITED

Per _____

J. van Engelen Mgr.

ASSESSMENT WORK BREAKDOWN

WEST GORE CLAIM GROUP

LICENSE #11158 - 16 CLAIMS

Total Cost $79,185.86

Equivalent Assessment

$$\frac{\$79,185.86}{\$20/\text{day}} = 3,959 \text{ Days}$$

SUMMARY OF

EXPLORATION EXPENDITURES

11158

Name of Company or Individual: DURHAM RESOURCES INC.

Property Name: WEST GORE ANTIMONY No. of Claims: 16

Work Period:

Area:

County HANTS

NTS 11E 4B

Work Reported:

Line Cutting:		
Line Miles		
Cost		
Geological Survey:		
Cost		
Geophysical Survey:		
Ground:		
Line Miles		
Cost		
Airborne:		
Line Miles		
Cost		
Geochemical Survey:		
Line Miles		
No. of Samples		
Cost		
Drilling:		
No. of Drill Holes	6	
Total Footage	3,273 N Q Core	
Cost	61,532.70	61,532.70
Trenching:		
Cost		
Miscellaneous Cost: (rentals, chemical analyses, camp cost, overhead, etc.)		
	17,653.16	17,653.16
Total Cost:		79,185.86

Nova Scotia

Department of Mines and Energy

Report of Work Performed

I, the undersigned, holder of/agent for, Exploration License No. 11,158 issued on the 11 day of November 15 19 82, hereby report work as follows:

I have, under said License, and in conformity with the provisions of The Mineral Resources Act, performed or caused to be performed on the licensed area 3,959 days' work (eight-hour days) not reported before, totalling $ 79,185.86 as per the attached list of expenditures. (Rate is one day's work for each $20.00 spent.)

Expenditures relating to office overhead, transportation, lodging, freight, express, construction of roads, erection of buildings, etc., will be accepted up to a maximum of ten percent (10%) of the **required** work.

The said work consisted of Diamond Drilling (N Q Core 3,273')

Attached is a geological report with applicable maps, sample results, drill logs, etc., which is submitted as evidence and initialled by me.

My Post Office address is Durham Resources Inc., Prince William,

N.B. E0H 1S0 Tel. No. 506-454-9761

Dated this 27th day of March 19 87

Signature of Licensee/Agent

I hereby make oath and say that the above statement is true and correct.

Signature of Licensee/Agent

Sworn to
at Fredericton
in the County of York
Province New Brunswick
this 27 day of March A.D. 19 87
Before me HAROLD L. DOHERTY
a NOTARY PUBLIC in and
for the PROVINCE OF NEW BRUNSWICK

Harold L. Doherty

The NAMES and ADDRESSES of the men who performed the said work and the DATES upon which each man worked in its performance are as follows:

NAME	ADDRESS	MONTH	DATES 1987
CJM Drilling	R.R. #2 Wallace, NS B0K 1Y0	February	4 - 17
Rene Albert	General Delivery St. Jacques E8L 1K0	February - March	2 - 13

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

LOCATION: EASTING 33+00 E
NORTHING 33+70 N
ELEVATION OF COLLAR 87 050
DATUM
DIRECTION AT START: BEARING 0° - True North
DIP - 63°
LOGGED BY Rene Albert

From acid test

TESTS

FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
247'	70°	uncorrected			
	63.5	corrected			
503'	67°	uncorrected			
	60°	corrected			

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-1
SHEET NO. 1 of 9
SECTION FROM TO
STARTED February 6, 1987
COMPLETED February 7, 1987
ULTIMATE DEPTH 503' (154.77m)
HOR. COMP. VERT. COMP.

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS Sb.			
0	24'	Casing	Over burden							
24'	95.5'	Sencite schist	Fine to medium grained, medium to light grey, moderatly-well developed cleavage with slightly offset sedimentary layering. Cleavage at 75° to core axis. Thin beds of greywacke (1-3mm) and rare blebs and/or layers of impure sandstone (4-9mm)							
			24.2' - 28' Quartz blebs 5-10 mm with long axis following cleavage; some blebs showing dark inclusions (slate??)							
			28.2' - 35.9' shear zone; slightly undulating cleavage displacement of cleavage through fractures producing folds with fold axis at 65° to core axis. Poor return of core.	weathered pyrite						
		Greywacke	28.0' medium grained, light grey to white 37.2' fracture showing traces of pyrite	Tr. pyrite <1%						

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

SHEET NO. 2 of 9

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
24'	95.5	Sencite schist	38.4' Sandstone pocket in slate ~ 1 cm wide	none visible			
(7.32 m)		(cont'd)					
			44.8' Sandstone pocket of well mended quartz grains.				
			(~2 cm wide). White to pink blebs.				
			66.4' Breciated fault zone with mud slip. Angular				
			fragments of slate inside a 1 cm wide quartz vein	none visible			
			at 5-10° to core axis.				
			70.5' - 72.9' (advance box)	Tr. pyrite			
			shear zone at 30° to core axis. Desiminated pyrite	Tr. pyrite			
			and rare stibnite in quartz vein.				
			Poor core return.				
			85.9' Quartz blebs.	none visible			
95.5	244.7	Schist	Medium to coarse grained, grey, moderatly well				
		(phyllite)	developed cleavage with more interbedding grey-				
			wackes.				
			117.6' - 118.0' Minute calcite veins (1mm) in	none visible			
			fractures.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
95.5	244.7	Schist	1226.6'- 122.8' 1 mm wide quartz vein at 30° to core axis.	Tr. Stibnite ?			
			135.2'- 137.7' slight fold in cleavage fold axis at 70° to core axis				
			139.6' Accumuation of calcite in empty spaces in fractures.				
			140.0'- 144.2' folding in shale fold axis at 60° to core axis.				
			156.5'- 160.0' Very soft schist with soapy touch (talcose touch) Breaking of core in chips. Shear zone producing a more shistose section.	none visible			
			163.8'- 164.2' (advance box) Poor return of core. Highly schistose.				
			181.45 2', 4 mm wide impure quartzite bands following cleavage plane at 60° to core axis.	none visible			
			182.2' Impure quartzite band 9 mm wide at 60° to core axis.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			183.0' - 183.2' Quartz blebs 5 mm.				
			183.2' 4 mm wide quartzite band light grey; at 60°	none visible			
			to core axis.				
			183.8' - 184.6' Highly schistose. Poor core return.				
			207' - 217' Lost core				
			223.5' - 223.7' Mud slips and schistose slate. Chips of core.				
			224.7' - 224.8' Mud slips and schistose slate. Core chips.				
244.7	252.7	Sericite Chlorite Schist	Dark green to light greyish-green fine to medium grained. Slightly folded with fold axis at 60° to core axis. Heavily fractured with associated quartz veins and mineralization.				
			244.7' - 245.7' Fracture zone showing a 1 mm quartz vein.	Tr. pyrite Tr. stibnite			

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS						
			245.7' 1.5 cm wide quartz veins at 0° to 10° to core	stibnite and Tr.			%Sb	Au ppb	Au oz./T				
			axis.	pyrite									
			60% slate, 30% quartz										
			10% stibnite, 1% pyrite										
			245 - 247	Tr. pyrite broken	WGD 3925	2.0	0.06	1196	0.038				
				core.									
			246.6' - 246.8 small stringers of stibnite in										
			fracture zones (~1 mm wide & 1 cm long)										
			247.8' small quartz veins ~2 mm with Tr. of stibnite	Tr. stibnite									
			& pyrite.	Tr. pyrite									
			249.0' - 250.0' 2 mm wide quartz veins at 0° to core	Tr. stibnite and									
			axis.	Tr. pyrite.									
			252.2' - 252.6' 2 mm wide quartz vein at 30° to core	Tr. pyrite and									
			axis.	Tr. stibnite.									
252.7		Sencite schist	Fine to medium grained, medium to light grey,										
			moderatly well developed cleavage.										
			253.6' - 254' 2 mm wide quartz vein at 25° to core	Tr. pyrite and									
			axis.	(Tr. stibnite ?)									

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

SHEET NO. 6 of 9

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			256.6' 1 mm wide quartz vein with pyrite	Tr. pyrite			
			258.2' Brocken up core with 3 mm quartz vein	none visible			
			264.1' 1 mm wide fracture with pyrite at 45° to core axis	pyrite			
			266.5' 1 mm wide fracture with pyrite at 45° to core axis.	pyrite			
			277.3' 1 mm wide quartz vein at 5° to core axis	none visible			
			278.1' - 278.3' Trace of pyrite on cleavage and fracture.	Tr. pyrite			
			280.9' - 282.1' Minute fracture at 45° to core axis.	none visible			
300.0'	318.8'	Schist with quartz blebs	300.2' Quartz blebs and quartzite bands ~ 5 mm wide and at 65° to core axis. Quartzite layers are crosscut by quartz veins at 0° to core axis.				
			311' fracture with thin vein of quartz and pyrite	Tr. pyrite			
			312.4' fracture at 40° to core axis with thin vein of quartz and pyrite.	Tr. pyrite			

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb			Au ppb	Au Oz/T	
			313.4' - 313.9' Large quartz bleb and small fracture	Tr. pyrite								
			at 40° to core axis. Both showing traces of pyrite.									
			317.2' Bench fold with fold axis at 60° to core axis.									
			317.6' - 319.0' Small meneralized bands ~1 mm wide	Tr. stibnite								
			following fractures and running between 10° and									
			40° to core axis. Dessiminated pyrite throughout	Dessiminated pyrite								
			the schist at this point.	316.8 - 318.8	WGD 3918	2.0	0.08			64		
				Broken core								
318.8'	326.3'	Quartz vein	319.0' - 326.3' 2.5 cm wide quartz vein running from	10% stibnite < 1%								
			0° to 10° to core axis with a 1 - 2 cm wide	pyrite 318.8 - 321.3	WGD 3919	2.5	9.58				0.44	
			mineralized band	Reddish brown Kermsite ?								
				321.3 - 323.8	WGD 3920	2.5	3.75				1.07	1.04 / 7.5
				Tr. native Sb					10.25			
				323.8 - 326.3	WGD 3921	2.5	17.41		7.5		1.60	
				326.3 - 328.3	WGD 3922	2.0	0.20			402		
326.3'	503.0'	Schist Con't	As at 300'									
			330' 4 mm wide quartz pyrite and stibnite vein at	Tr. pyrite								
			10° to core axis.	Tr. stibnite								

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

SHEET NO. 8 of 9

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
			331.1' 2 cm wide quartzite band with ~1%	Dessiminated pyrite				
			dessiminated pyrite, 335 quartzite bands silicous.	Tr. pyrtite				
				335 - 337	WGD 3923	2.0	0.11	66
				337 - 340	WGD 3924	3.0	0.09	25
			358.4' - 358.6' 1 mm wide quartz vein with	Dessiminated pyrite				
			dessiminated pyrite at 20° to core axis.					
			360.5' 1 mm wide quartz vein with ~1% pyrite.	Tr. pyrite				
			360.9' 1 mm wide quartz vein with ~1% pyrite	Tr. pyrite				
			369.1' 1 mm wide quartz vein with ~1% pyrite at	Tr. pyrite				
			40° to core axis.					
			397.4' 2 mm wide mud slip at 55° to core axis.	none visible				
			419.2' Trace of pyrite on cleavage face.	Tr. pyrite				
			451.6' 5 mm wide quartz blebs showing pyrite and	Tr. pyrite and				
			stibnite band (~2 mm wide and 1 cm long)	Tr. stibnite.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-1

SHEET NO. 9 of 9

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			503' E.O.H.				
			Core stored at Ellis Boudreau's place in Westgore				
			from February 17, 1987.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

Testing to find the western extension of the Berggren south vein's mineralization rake.

LOCATION: EASTING 33+46 E
NORTHING 33+25 N
ELEVATION OF COLLAR 87 050
DATUM
DIRECTION AT START: BEARING 0° - True North
DIP -50°
LOGGED BY Rene Albert

From acid test

TESTS

FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
257'	56°	uncorrected			
	48°	corrected			
497'	56°	uncorrected			
	48°	corrected			

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-2
SHEET NO. 1 of 6
SECTION FROM TO
STARTED February 15, 1987
COMPLETED February 16, 1987
ULTIMATE DEPTH 497' (152.92 m)
HOR. COMP. VERT. COMP.

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS Sb.			
0	20'	Casing								
20'	177.3'	Sencite schist and greywacke	Medium to fine grained, light grey to grey, well developed cleavage. Alternating bands of fine grained schist and medium grained greywacke. Cleavage dip angle showing constant variation with the presence of drag folds. Greywacke beds are thick in this section and sometimes exceed 30 cm.							
			33' - 36' Weathered dessiminated pyrite	1% pyrite						
			52' - 52.4' 3 mm wide quartz vein at 35° to core axis	Tr. pyrite						
			65.7' 2 cm wide mud slip at 50° to core axis	none visible						
			69.3' 1 mm quartz vein at 45° to core axis	Tr. pyrite						
			83.5' - 85.5' Shear zone, poor core return. Very Schistose.	none visible						

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-2

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
20.0'	177.3'	Sericite schist and greywacke (cont'd)	89' - 93' Poor core return; shattered quartz vein approximately 3 cm wide with chlorite and trace of pyrite.	Tr. pryite			
			93' - 96.3' Lost core				
			96.3' - 103' Sheared sericite schist; cleavage at 20° to core axis with small fault zones at 20 cm intervals.	none visible			
			165.6' - 165.9' 1 mm wide quartz vein at 35° to core axis.	none visible			
			166.5' - 166.7' 2 mm quartz vein running at 15° to core axis.	none visible			
			167.3' - 167.5' 1-3 mm wide quartz vein running at 30° to core axis.	none visible			
			168.5' - 170.0' 4 mm wide quartz vein running at 35° to core axis.	1% Stibnite Tr. pyrite.			

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-2

SHEET NO. 3 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
177.3'	269.5'	Sericite Schist	Fine grained, dark grey with quartzite bands from 2-1 cm thick and quartz blebs. Well developed cleavage at 60° to core axis.				
			194.5' 1 cm long quartz bleb	Tr. pyrite			
			224' - 224.3' 1-2 mm wide quartz vein at 15° to core axis.				
			245' Shear zone with small roll in cleavage and fracture at 15° to core axis.	none visible			
269.5'	325.0'	Sericite schist	Same sericite schist as above but no more quartzite bands or quartz blebs.				
			276.9' 2 mm quartz vein on fracture at 40° to core axis.	none visible			
325.0'	455.0'	Sericite schist	At this point, sericite schist takes a light grey and is highly schistose with a soft soapy touch on cleavage face.				
			325.4' 2 cm wide mud slip in fault	none visible			

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-2

SHEET NO. 4 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
325.0'	455.0'	Sericite schist (cont'd)	331' - 331.6' Bench fold in schist with fold axis at 85° to core axis.					
			332.5' - 333.5' 2 mm quartz veins with presence of pryite and stibnite, at 25° to core axis	stibnite, pyrite	WGD 91	1.5'	0.18	218
			333.5' Sheared sericite schist with broken up quartz vein.	none visible				
			333.5' - 335.0 Sericite schist with with quartzite bands and quartz blebs.	none visible				
			336.8' - 337.5' Bench fold with fold axis at 60° to core axis.					
			342' 5 cm wide shear zone	none visible				
			345' - 349' Bedrock slightly folded with 1 mm fractures showing traces of pyrite and stibnite.	Tr. pyrite Tr. stibnite				
			Sample taken from 347.5' - 349.1'		WGD 92	1.6'	0.08	< 5
			350.5' - 350.7' 1-3 mm wide quartz vein with traces of stibnite.	Tr. stibnite				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-2

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb				Au ppb	Au oz/T
325.0'	455.0'	Sericite	384.3' - 385' Mud slip with sericite at 40°	none visible								
		schist	to core axis.									
		(cont'd)										
			448.5' - 448.8' Shear zone	none visible								
			448.8' - 449.7' 15 cm wide quartz vein at 50° to	5% stibnite 448.5-448.5	WGD 3929	3.0'	0.07				43	
			core axis with 5% stibnite and traces of pyrite	Tr. pyrite 448.5-450	WGD 3930	1.5'	6.62		1.54		8401	0.26
				Tr. native antimony 450-452.5	WGD 3931	2.5'	0.25		7.0'		359	
			449.7' - 452.0' 4 mm wide quartz vein with traces	Tr. stibnite								
			of stibnite and pyrite.	Tr. pyrite								
			452' - 455' Grinded core, poor sampling, lost									
			quartz vein.									
455.0'	497'	Sericite	With quartzite layers between 2-5 mm wide. The									
		schist with	quartz is dark pink to mauve to buff, massive and									
		quartzite	sometimes reveals traces of sulphides.									
		layers.										
			467.5' 1.5 cm quartzite band with trace of	Tr. pyrite								
			pyrite.									

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-2

SHEET NO. 6 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
455.0'	497'	Sericite	468.3' - 468.6' 2-3 mm quartzite band with ~1%					
		Schist with	stibnite and pyrite.					
		quartzite						
		(cont'd)	Sample taken from 468' - 471'		WGD 3932	3'	0.21	124
			469.0' 5 mm wide quartzite band with ~1% stibnite	~ 1% stibnite				
			crystals at 85° to core axis.					
			469.0' - 470.4' Shear zone with contorted quartz	Tr. stibnite				
			vein (< 5 mm wide) with minor stibnite and pyrite.	Tr. pyrite				
			493.5' - 494.3' 2 mm wide quartz vein with Tr.	Tr. stibnite	WGD 3933	2.0'	0.08	<5
			stibnite at 25° to core axis.	Tr. pyrite 490.5-492.5				
			497' E.O.H.					
			Core stored at Ellis Boudreau's place as of					
			February 17, 1987/					
			Boxes #6-32-33-34-35-36 of this DDH were taken					
			back to Prince William for sampling.					

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

LOCATION: EASTING 34+00 E
NORTHING 33+26 N
ELEVATION OF COLLAR 87 050
DATUM
DIRECTION AT START: BEARING 0° - True North
DIP -58°
LOGGED BY Rene Albert

From acid test

TESTS

FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
257'	66°	uncorrected			
	58°	corrected			
507'	59°	uncorrected			
	51°	corrected			

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-3
SHEET NO. 1 of 6
SECTION FROM TO
STARTED February 8, 1987
COMPLETED February 9, 1987
ULTIMATE DEPTH 507' (156.0 m)
HOR. COMP. VERT. COMP.

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS Sb.			
0'	10'	Casing	Overburden							
10'	13'	Sericite schist and grey-wacke.	Interbedded sericite schist and greywacke. 1-5 cm thick	weathered pyrite (rusty colouration)						
			Sericite schist: fine grained, light grey. Very good cleavage at 70' to core axis.							
			Greywacke: medium grained, grey with dark crystals (biotite), poor to moderately well developed cleavage at 70° to core axis.							
13'	75.5'	Schist dominant	Fine grained, light grey, very schistose.							
			41' - 42.5' Poor core return.							
			48.5' Fine dessiminated pyrite in schist	Tr. pyrite						

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-3

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			57.5' - 59.2' Poor core return associated with				
			1 cm wide mud slips.	none visible			
			64.0' 2 cm wide mud slip at 70° to core axis on	none visible			
			cleavage face.				
			69.5 Drag folds				
75.5'	85.5'	Greywacke	Medium grained, light grey more massive, very poor				
			cleavage.				
85.5'	93.0'	Sericite schist	Light grey, fine grained, moderately well developed cleavage, slightly massive.				
93.0'	106'	Greywacke with Sericite schist inter-layering	Same as previous. Fine grained, light greenish-grey, slightly massive, poorly developed cleavage.				
			104' Trace of pyrite in sheared schist.(badly deformed)	Tr. pyrite			
106'	119.5'	Greywacke	Medium grained, grey with dark medium size crystals (biotite) massive.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-3

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			110.6' - 111.0' 2 mm wide quartz vein running at 0^{o} to core axis in fracture	none visible			
119.5'	125'	Slate	Light grey, fine grained, poor to moderately well developed cleavage.				
			120.5' 1 mm wide quartz vein at 45^{o} to core axis with trace of pyrite.	Tr. pyrite			
125'	150'	Sericite schist	The slate turns back to sericite schists at this point. Cleavage at 30^{o} to core axis.				
			138.5' 6 cm mud slip	none visible			
			140.5' 5 cm wide mud slip, light grey soft soapy material.	none visible			
150'	155'	Greywacke	Same as previous, massive.				
155'	156.8'	Sericite mud slip	Light greenish-grey, soft, soapy to the touch, medium grained. Poor return.	none visible			
156.8'	226.5'	Sericite schist	Fine grained, light grey to grey, moderately well developed cleavage at 60^{o} to core axis				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-3

SHEET NO. 4 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			172.5' - 173' 2 mm wide quartz vein at 30° to core axis.	none visible			
			203.5' - 204.7' 5 mm to 2 cm quartz blebs with yellowish sericite.	none visible			
			211.5' - 212.2' 2 mm quartz vein running at 0° to core axis.	Tr. Stibnite			
226.5'	327.0'	Sericite schist with quartzite bands and quartz blebs	Quartz bands and blebs running parallel to cleavage and showing some Tr. of pyrite at times.				
			226.5' - 227.0' Tr pyrite in quartz bands.	Tr. pyrite			
			238.6' - 239' 1 mm quartz vein at 40° to core axis.	none visible			
			242.0' Tr. of pyrite along cleavage plane.	Tr. pyrite			
			245' Fracture at 40° to core axis with traces of pyrite and probably stibnite ?	Tr. pyrite and stibnite.			

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-3

SHEET NO. 5 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
			255' Quartz blebs with traces pyrite and stibnite	Tr. pyrite and Tr. stibnite.			
			268' 1 mm quartz vein with Tr. pyrite and stibnite at 0° to core axis.	Tr. pyrite and stibnite.			
327.0'		Sericite schist	Fine grained, light grey, good cleavage at 65° to core axis.				
			376' - 378' Poor return of core.				
			378' - 380' Lost core				
			405.3' 8 mm shear zone following cleavage at 40° to core axis.	none visible			
			413.0' 3 mm quartz vein with traces of sulphide at 40° to core axis.	Tr. pyrite (stibnite ?)			
			413' - 427' Very poor core return. Schist badly sheared.				
			421' Cleavage changing at 30° to core axis				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-3

SHEET NO. 6 of 6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb				Au ppb	Au oz/T
			425.5' Cleavage back to 65° to core axis									
			428.0' - 428.5' Fracture with 2 mm quartz vein with traces of sulphide.									
			Slate 70° to core axis Tr. pyrite	471' - 472'	WGD 3934	1.0'	0.06				< 5	
			476' - 476.6' 1.5 cm wide quartz vein at 10° to core axis.	3% stibnite								
			477.5' - 478' 1 cm quartz vein running at 20° to core axis.	3% stibnite Tr. pyrite								
			479.3' - 480.0' 5 mm quartz vein running from 0° to 25° to core axis.	Tr. pyrite Tr. stibnite								
			480' - 481' 8 cm wide quartz vein folded to run from 30° to 0° to core axis.	3% stibnite Tr. pyrite 477 - 480	WGD 3935	3.0'	0.14				500	
				480 - 481	WGD 3936	1.0'	2.87			0.50%/T	974	0.031
			489.3' Quartz blebs.	Tr. pyrite 481 - 484	WGD 3937	3.0'	0.06				178	
			492.7' Quartz blebs.	Tr. pyrite								
			507.5' E.O.H.									
			Core stored at Ellis Boudreau's place as of February 17, 1987.									

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

Testing deeper sections of the Berggren south vein to find the extension of the mineralization's rake.

LOCATION: EASTING 34+34 E
NORTHING 33+05 N
ELEVATION OF COLLAR 87 050
DATUM
DIRECTION AT START: BEARING 0° - True North
DIP -54°
LOGGED BY Rene Albert

From acid test

TESTS					
FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
250'	58°	uncorrected			
	50°	corrected			
550'	57°	uncorrected			
	49°	corrected			

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-4
SHEET NO. 1 of 5
SECTION FROM TO
STARTED February 13, 1987
COMPLETED February 15, 1987
ULTIMATE DEPTH 607' (186.77 m)
HOR. COMP. VERT. COMP.

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb.		ANALYSIS Au ppb	
0'	22'	Casing	Overburden.							
22'	56.7'	Sericite schist	Fine grained, light grey to grey on fresh surface. Very good cleavage at 60° to core axis. Fine bands of greywacke (1-3 mm wide) greywacke is medium grained, light grey with moderately well developed cleavage.							
			54.3' Fault; poor core return.							
			55' - 56.7' 8 mm wide quartz vein with chlorite and traces of stibnite. Vein runs from 30° to 0° to core axis and widen to 2 cm at lower level.	Tr. stibnite Tr. pyrite						
			Sample taken from 53.7' - 57'		WGD 3636	3.3'	0.13		33	
56.7'	212.0'	Sericite schist and greywacke	Light greenish-grey, fine to medium grained more massive with a well developed cleavage. Thick beds of greywacke up to 25 and 30 cm.							
			104.7' - 104.9' Fault with sericite schist mud.	none visible						

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-4

SHEET NO. 2 of 5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
56.7'	212.0'	Sericite	134.0' 1.5 cm mud slip at 65° to core axis	none visible				
		schist and						
		greywacke	137.0' 1 cm wide mud slip at 65° to core axis					
		(cont'd)						
			199.0' 1 cm wide quartz vein at 25° to core axis;	Tr. stibnite				
			with chlorite and traces of stibnite.					
212.0'	292.0'	Sericite	Rock much more deformed. Presence of several drag					
		schist and	folds and higher level of schistosity. Presence					
		greywacke	of greenish chloritic layers. Cleavage direction					
			variable.					
			222.5' 4 mm quartzite layer with traces of pyrite	Tr. pyrite				
			of pyrite following a cleavage direction at 65° to					
			core axis.					
			245.5' - 245.9' Fault zone with light grey	none visible				
			sericite schist mud.					
			272.5' - 273.9' 3-5 mm wide quartzite bands with	Tr. pyrite and	WGD 100	1.4'	0.08	58
			traces of pyrite and stibnite.	Tr. stibnite				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-4

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
212.0'	292.0'	Sericite schist and greywacke (cont'd)	281.3' - 282.0' Fault with sericite schist mud slip. 2 cm quartz vein at 65° to core axis with traces of stibnite.	Tr. stibnite	WGD 3638	0.8'	0.09	< 5
			283.5' - 284.5' Fault gouge; mud slips.	none visible				
			287.5' Deformed quartzite band approximately 3 mm wide with dessiminated pyrite.	Tr. pyrite				
292.0'	607.0'	Sericite schist	The schist takes back its normal cleavage direction at 65° to core axis. Sericite schist takes a dark grey colouration on fresh surface. Presence of small band of quartzite and quartz blebs.					
			303.0' 4 mm wide deformed quartz vein with traces of stibnite and pyrite.	<1% stibnite <1% pyrite				
			308.5' 2 cm wide shear zone following cleavage at 55° to core axis.	none visible				
			373.5' 3 mm wide quartz vein with dessiminated pyrite crystals.	Tr. pyrite				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-4

SHEET NO. 4 of 5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb			Au ppb	Au oz/T
292.0'	607.0'	Sericite schist (cont'd)	403' - 403.3' Chips of material from quartz vein at least 2 cm wide with 1-2% stibnite and dessiminated pyrite.	1-2% stibnite dessiminated pyrite							
			403.3' - 404.8' 5 mm quartz vein running from 0° to 35° to core axis sample taken from 403.3 - 405.3'		WGD 99	2'	0.08			368	
			413.8' 415.0' 8-20 mm wide quartz vein with traces of stibnite at 30° to 50° to core axis.	Tr. stibnite Tr. pyrite 408 -413	WGD 3926	5'	0.07			5	
				413 - 415	WGD 3927	2'	0.10		0.08% 10.0'	184	.005
			415.6' - 416.5' 8-20 mm quartz vein with traces of stibnite.	Tr. stibnite							
				415 - 418	WGD 3928	3'	0.09			54	
			472.0' 2 mm wide quartz/calcite vein running from 0° to 35° to core axis.	none visible							
			549.9' 1 mm quartz vein in fracture with traces of pyrite; at.55° to core axis.	Tr. pyrite							
			559.2' - 559.6' Fracture with traces of quartz, pyrite and stibnite ?	Tr. pyrite Tr. stibnite ?							

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-4

SHEET NO. 5 of 5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
292.0'	607.0'	Sericite	607' E.O.H.				
		schist	Core stored at Ellis Boudreau's in Westgore as of				
		(cont'd)	February 17, 1987.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

Trying to find the width and depth of the of the ore zone of the Berggren south vein and also the eastern extension of the rake.

LOCATION: EASTING 34+95 E
NORTHING 33+00 N

ELEVATION OF COLLAR 87 050

DATUM

DIRECTION AT START: BEARING 0° - True North
DIP -63°

LOGGED BY Rene Albert

From acid test

TESTS

FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
250'	67.5°	uncorrected			
	60.5°	corrected			
557'	68°	uncorrected			
	61°	corrected			

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-5
SHEET NO. 1 of 5
SECTION FROM ____ TO ____
STARTED February 9, 1987
COMPLETED February 10, 1987
ULTIMATE DEPTH 557' (171.38)
HOR. COMP. ____ VERT. COMP. ____

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb.		ANALYSIS Au ppb	
0'	20'	Casing	Over Burden							
20'	148'	Sericite schist	Fine to medium grained, light grey to grey well developed cleavage at 55° to core axis. Interbedded with thin layers (1-3 mm) of greywacke having a dark grey colour and coarse size grains.							
			55.5' 1 cm wide fault at 55° to core axis	none visible						
			147.2' Mud slip	none visible						
148'	149.5'	Greywacke	Thick bed of greywacke, light grey, medium grained, massive; very poor cleavage.							
149.5'	179.5'	Sericite schist	Same as before							
			178.5' - 179.2' Small fractures running at 40° to 60° to core axis	Tr. stibnite and Tr. pyrite	WDG 93	1'	0.07		<5	
179.5'	181.3'	Greywacke	Chips of core.							

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
			180.3' Small fracture running at 0° to core axis	Stibnite ??				
181.3'	557.0'	Sericite schist	Same as previous.					
			218' 2 mm wide quartz vein running at 15° to core axis.	none visible				
			273.5' - 276' Series of quartz vein from 2-8 cm wide and running at 35° to core axis.					
			274.4' - 274.7' Quartz vein shows traces of pyrite and stibnite.	Tr. pyrite and Tr. stibnite				
			Sample from 273.8' - 275.8'		WGD 94	2'	0.13	< 5
			341' - 341.3' Fault with breciated quartz vein (~1 cm wide) at 50° to core axis.					
			Sample from 340.5' - 341.8'		WGD 95	1.3'	0.10	< 5
			378.0' - 380.5' 2-4 mm wide contorted quartz veins with no definate direction.	none visible (stibnite ??)				
			Sample from 379.5' - 380.5'		WGD 96	1'	0.09	29
			393.0' 3 cm wide mud slip at 50° to core axis	non visible				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb	ANALYSIS Au oz/T
181.3'	557.0'	Sericite schist	417' - 418' Quartz blebs 5-10 mm long	none visible					
			426.2' - 427.2' Fault at 40° to core axis with slicken sides on plan of fault with a rake of 35° to core axis. At this point the schist is light green to green with possably chlorite present.	none visible					
			448' - 448.5' Quartz blebs 1 cm long	none visible					
			449.2' - 450.2' Displaced quartz 1-4 mm wide with traces of stibnite						
			450.2' - 452.4' Quartz vein with 5% stibnite running from 0° to 10° to core axis.	5% stibnite	WDG 97	2.4'	2.98		0.31
			454.0' Thin sheet of pyrite on cleavage face. (< 1 mm thick)	pyrite					
			457.1' - 457.8' 8 mm wide quartz vein with traces of pyrite and stibnite at 15° to core axis.	Tr. pyrite and Tr. stibnite	WDG 3637	1'	0.12	22	
			457.8' - 459.5' 1-2 mm wide quartz veins running at 0° to core axis. At this point, the schist contains 1 cm long quartz/sericite blebs and quartzite bands (2-5 mm wide)	Tr. pyrite					

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-5

SHEET NO. 4 of 5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
181.3'	557.0'	Sericite schist (cont'd)	466.0' - 468.0' Quartz/sericite blebs and quartzite bands.	none visible				
			468.6' - 469.7' 1-3 mm fractures running at 10° to 20° to core axis filled in by quartz/ stibnite/pyrite.	< 1% stibnite and pyrite.	WGD 98	1.1'	0.22	362
			471.3' - 472.0' Small fracture showing traces of pyrite.	Tr. pyrite				
			487.0' - 487.9' 6 mm wide quartz vein at 10° to core axis.	none visible				
			488.7' - 490' 8 mm wide quartz vein with 2% pyrite and stibnite at 25° to core axis. Sample from 488.5' - 490.5'		WDG 3938	2'	0.09	< 5
			491.2' - 491.4' 2 mm quartz vein at 0° to core axis. Trace of sulphide.	Tr. sulphides				
			492.8' - 492.9' 1 mm wide quartz vein at 45° to core axis.	Tr. pyrite				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-5

SHEET NO. 5 of 5

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
181.3'	557.0'	Sericite schist (cont'd)	494.5' 3 mm wide quartz vein at 60° to core axis.	none visible			
			494.6' 2 mm wide quartz vein.	none visible			
			495.6' 2 mm wide quartz vein	none visible			
			498.6' 2 mm wide quartz vein	none visible			
			499.3' 2 mm wide calcite vein with thin sheet of pyrite at 50° to core axis.	Tr. pyrite			
			499.7' 2 mm wide quartz vein from 0° to 45° to core axis.	none visible			
			508.5' - 509.5' 1 cm long quartz/sericite blebs.	none visible			
			514.5' - 515.0' Quartz/sericite blebs.	none visible			
			528.5' - 529.5' Quartz/sericite blebs.	none visible			
			557' E.O.H.				
			Core stored at Ellis Boudreau's place as of February 17, 1987. Boxes 33, 35, and 36 were brought back to Fredericton for sampling.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

LOCATION: EASTING 35+54 E
NORTHING 32+82 N

ELEVATION OF COLLAR

DATUM

DIRECTION AT START: BEARING 0° - True North
DIP -49°

LOGGED BY Rene Albert

From acid test

TESTS FT.	DIP.	GRID AZ.	FT.	DIP.	GRID AZ.
250'	55° uncorrected 46.5° corrected				
602'	56° uncorrected 47° corrected				

DRILLED BY C.J.M. Drilling

HOLE NUMBER 87-6 87 050
SHEET NO. 1 of 4
SECTION FROM ____ TO ____
STARTED February 11, 1987
COMPLETED February 12, 1987
ULTIMATE DEPTH 602' (185.23 m)
HOR. COMP. ____ VERT. COMP. ____

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS Sb.			
0'	20'	Casing								
22'	32'	Chlorite schist	Dark to medium green, fine grained, cleavage 50° to core axis.							
			Schist with weathered pyrite on cleavage face; Rock sheared.	Wheathered pyrite 1%						
32'	40.5'	Greywacke	Medium grained, greenish-grey, massive. (Very poor cleavage)							
40.5'	64'	Slate and greywacke	Interbedding of slate and greywacke slate: light to medium grey, fine grained.	none visible						
64'	604'	Schist								
			121' 10 cm fault zone							
			125' Fault zone (2 cm)	none visible						

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
64'	602'	Schist (cont'd)	142' - 146' Fractured schist with 1 mm quartz vein with traces of pyrite.					
			151' Green schists with blebs of pyrite 15 mm					
			152' Green schists with blebs of pyrite 2 mm					
			220.3' Quartz vein (1 mm wide) with dessiminated pyrite in fracture zone at 10^{o} to core axis.					
			236.7' Fault zone 1 cm wide at 90^{o} to core axis.					
			265.4' Bench fold with fold axis at 85^{o} to core axis.					
			295.5' Mud slip 1 cm wide at 80^{o} to core axis	none visible				
			297' 6 mm wide mud slip at 80^{o} to core axis	none visible				
			323.5' 2 mm mud slip	none visible				
			328.3' - 328.8' Mud slip and shear zone. 5% quartz	none visible				
				328.5' - 329.5'	WGD 3939	1.0	0.08	18

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-6

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS %Sb	ANALYSIS Au ppb
64'	602'	Schist (cont'd)	328.8' - 329.3' 5 mm quartz vein with 1% pyrite and probably stibnite	Tr. pyrite Stibnite ??				
			342.3' - 342.7' 7 mm quartz vein at 45° to core axis, trace of stibnite	Tr. stibnite				
			349' - 349.5' Mud slip and chips of core.	none visible				
			433.5' 5 cm of slate with fine dessiminated pyrite.	1% dessiminated pyrite.				
			449.8' - 450.0' Schist with fine dessiminated pyrite and other sulphides ?	1% dessiminated pyrite.				
			464.2' - 468.5' 2-5 mm quartz veins in shear zone in good schist veins follow cleavage at 40° to core axis.	Tr. stibnite Tr. pyrite 462' - 463' 464' - 468.5'	WGD 3941 WGD 3940	1.0 4.5	0.09 0.07	255 <5
			491.5' - 497.5' Drag folds with fold axis at 65° to core axis.					
			516' - 554.5' Drag folds with rare occurrences of dessiminated pyrite. Badly sheared sericite schists.	Tr. pyrite.				

CONS. DURHAM (LAKE GEORGE MINE)

DIAMOND DRILL RECORD

HOLE NUMBER 87-6

SHEET NO. 4 of 4

DISTANCE FROM	DISTANCE TO	ROCK	DESCRIPTION	MINERALIZATION	Sample No.	Length Ft.	ANALYSIS
64'	602'	Schist (cont'd)	555' - 566' 1 cm-10 cm mud slips.	none visible			
			585.4' Traces of pyrite on cleavage in schist.	Tr. pyrite			
			597.8' 1 cm wide mud slip at 70° to core axis				
			602' E.O.H.				
			Core stored Ellis Boudreau's place as of February 17, 1987.				

34+50 N

34+00N

33+50N

33+00 N

Berggren South
(Brook Vein)

85-13
32-70E
33-96N

50 m

qtz calcite blebs

100 m

EOH 100.58 m
0.47m west of collar

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

WEST GORE SECTION 32+70E

87 050

DRAWN BY: C.M. ELSTL DATE DEC,1985 SCALE: 1:200

34+50 N

34+00 N

87-1
33+09 E
33+70 N

33+50 N

33+00 N

24° O.B.

50 m

0.06% Sb / 0.62 m

0.038 Au oz/T / 0.62

0.20% Sb / 0.61 m

402 ppb Au / 0.61 m

10.25 % Sb / 2.31 m

1.04 Au oz/T / 2.31 m

100 m

75 ppb Au / 0.92 m

0.09% Sb / 0.92 m

0.11% Sb / 0.62 m

66 ppb Au / 0.62 m

150 m

E.O.H. (154.77 m)

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 33+09E

DRAWN BY: C.M.É.L.ST-L DATE: DEC., 1985 SCALE: 1:200

34+50 N

34+00N

85-12
33-30E
33-70N

33+50N

33+00N

Berggren South
(Brook vein)

50m

0.23% Sb
0.61m

0.055 oz/T Au
0.61m

2.41% Sb
0.18m

0.011 oz/T Au
0.18m

100 m

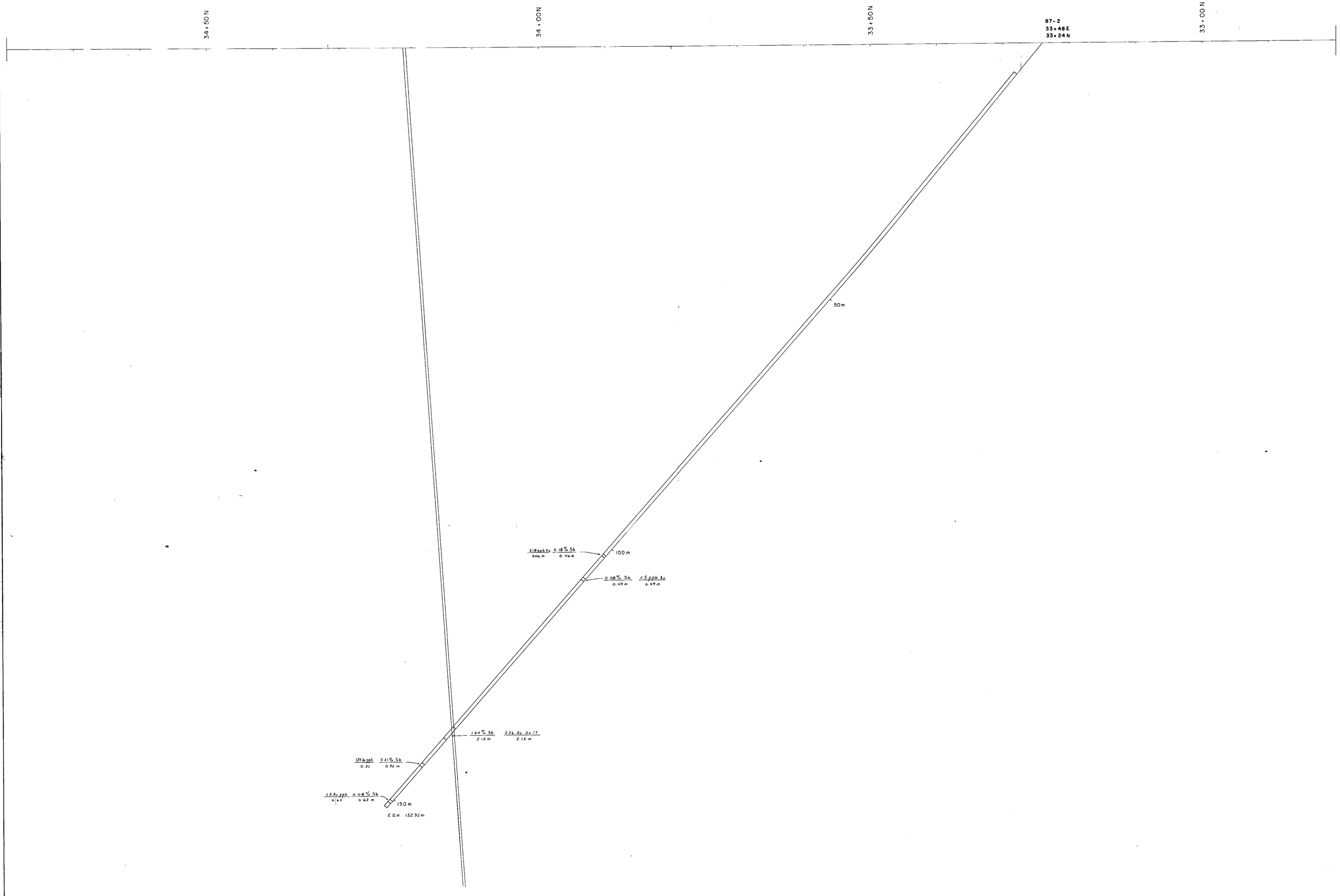
EOH 100.58m
13.18m east of collar

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 33+30E

DRAWN BY C.M & L.ST-L DATE DEC., 1985 SCALE 1:200



DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 33+48 E

DRAWN BY: C.M & LST-L. DATE: FEB., 1987 SCALE: 1:200

34+50 N

34+00 N

85-19
33+62 E
33+67 N

33+50 N

85-15
33+62 E
33+25 N

33+00 N

Berggren South
(Brook vein)

50m

tr Sb

EOH 94.48 m

50m

100m

2.88 % Sb / 0.31 m

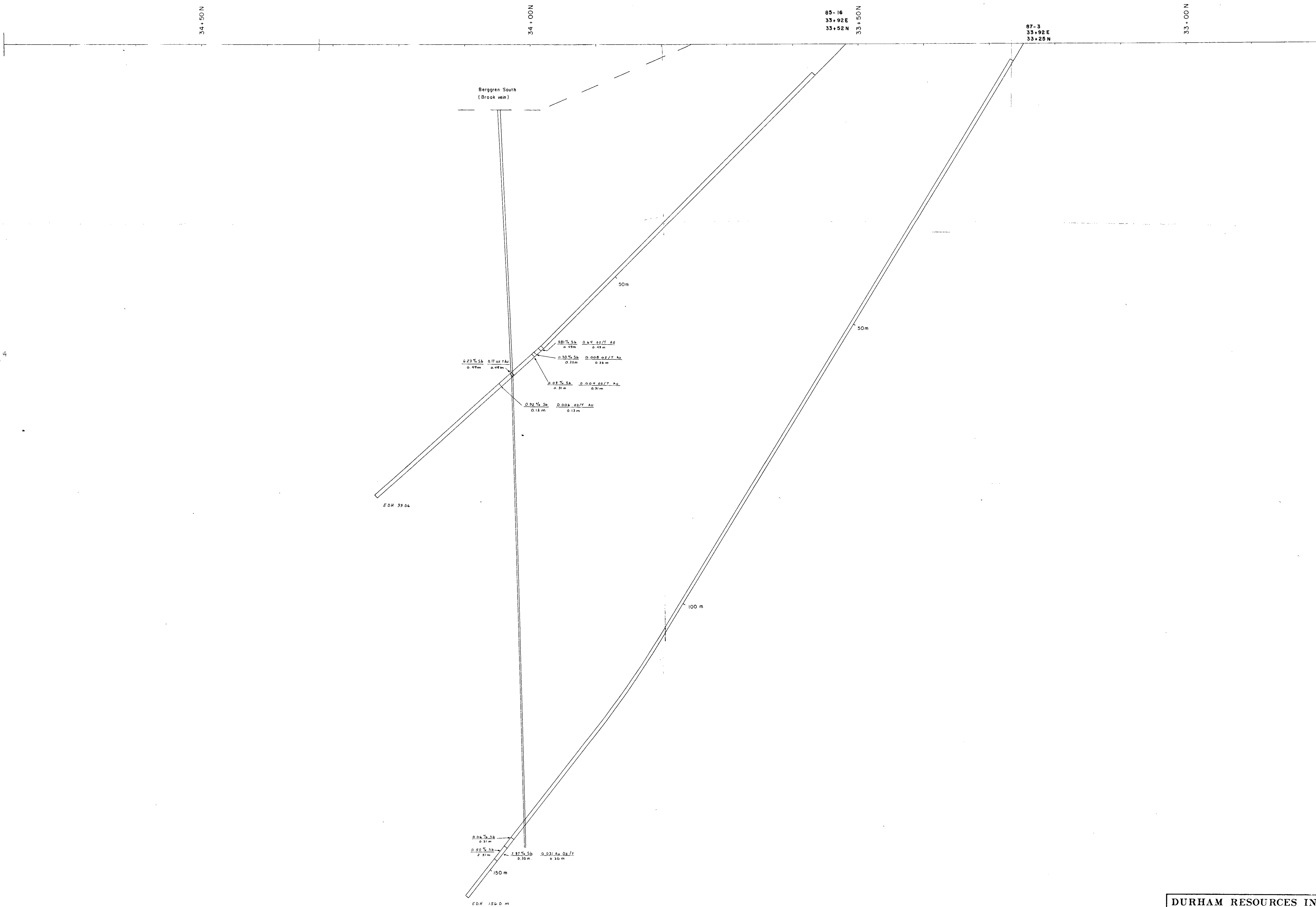
0.19 oz T Au / 0.31 m.

EOH 137.16m
4.79 m. west of collar

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050
WEST GORE SECTION 33+62 E

DRAWN BY: CM & LST-L DATE: DEC., 1985 SCALE: 1:200



DURHAM RESOURCES INC.

LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 33+92 E

DRAWN BY C M ¢ L.ST-L. DATE: DEC, 1985 SCALE 1:200

34+50 N

34+00N

33+50 N

85-17
34+24 E
33+05 N

33+00 N

Berggren South
(Brook vein)

50m

100m

0.02% Sb
0.61m

3.49% Sb
0.31m

0.01 oz/T Au
0.31m

EOH 128.01 m
7.08m west of collar

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 34+24E

DRAWN BY C.M.E.ST-L DATE DEC.,1985 SCALE 1:200

34+50 N

34+00N

33+50N

33+00 N

87-4
34+34 E
33+04 N

54°

0.13% Sb
1.02m

33 Au ppb
1.02m

50m

<5 Au ppb
0.25m

0.03% Sb
0.25m

0.08% Sb
0.43m

58 Au ppb
0.43m

100m

0.08% Sb
0.42m

368 Au ppb
0.42m

0.08% Sb
3.00m

184 Au ppb
0.42m

150m

E.O.H. 186.77m

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050
WEST GORE SECTION 34+34E

DRAWN BY: C.M.ELST-L. DATE: FEB., 1987 SCALE: 1:200

34+50 N

34+00N

33+50N

33+00 N

85-18
34+64 E
33+25 N

Berggren South
(Brook vein)

50 m

0.01 % Sb
0.46m

EOH 97.53m
4.19m east of collar

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050
WEST GORE SECTION 34-64 E

DRAWN BY: C.M. & L.ST-L. DATE: DEC., 1985 SCALE 1:200

34+50 N

34+00 N

33+50 N

33+00 N

87-5
34+95 E
63°

50 m

0.07 % Sb
0.30 m

< 5 Au ppb
0.30 m

0.13 % Sb
0.62 m

< 5 Au ppb
0.62 m

100 m

0.10 % Sb
0.40 m

< 5 Au ppb
0.40 m

0.09 % Sb
0.31 m

29 Au ppb
0.31 m

22 Au ppb
0.21 m

0.12 % Sb
0.31 m

2.98 % Sb
0.74 m

0.31 Au oz/t
0.74 m

362 Au ppb
0.34 m

0.22 % Sb
0.34 m

< 5 Au ppb
0.62 m

0.09 % Sb
0.62 m

150 m

E.O.H 171.38 m

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 34+95E

DRAWN BY C.M. & L.ST-L. DATE FEB., 1987 SCALE 1:200

34+50 N

34+00N

33+50N

33+00 N

87-6
35+54 E
32+82 N

49°

50m

18 ppb Au
0.31m

0.08% Sb
0.31m

100m

% Sb
18m

0.09% Sb
0.31m

255 ppb Au
0.31m

150 m

E.O.H. 185.23 m.

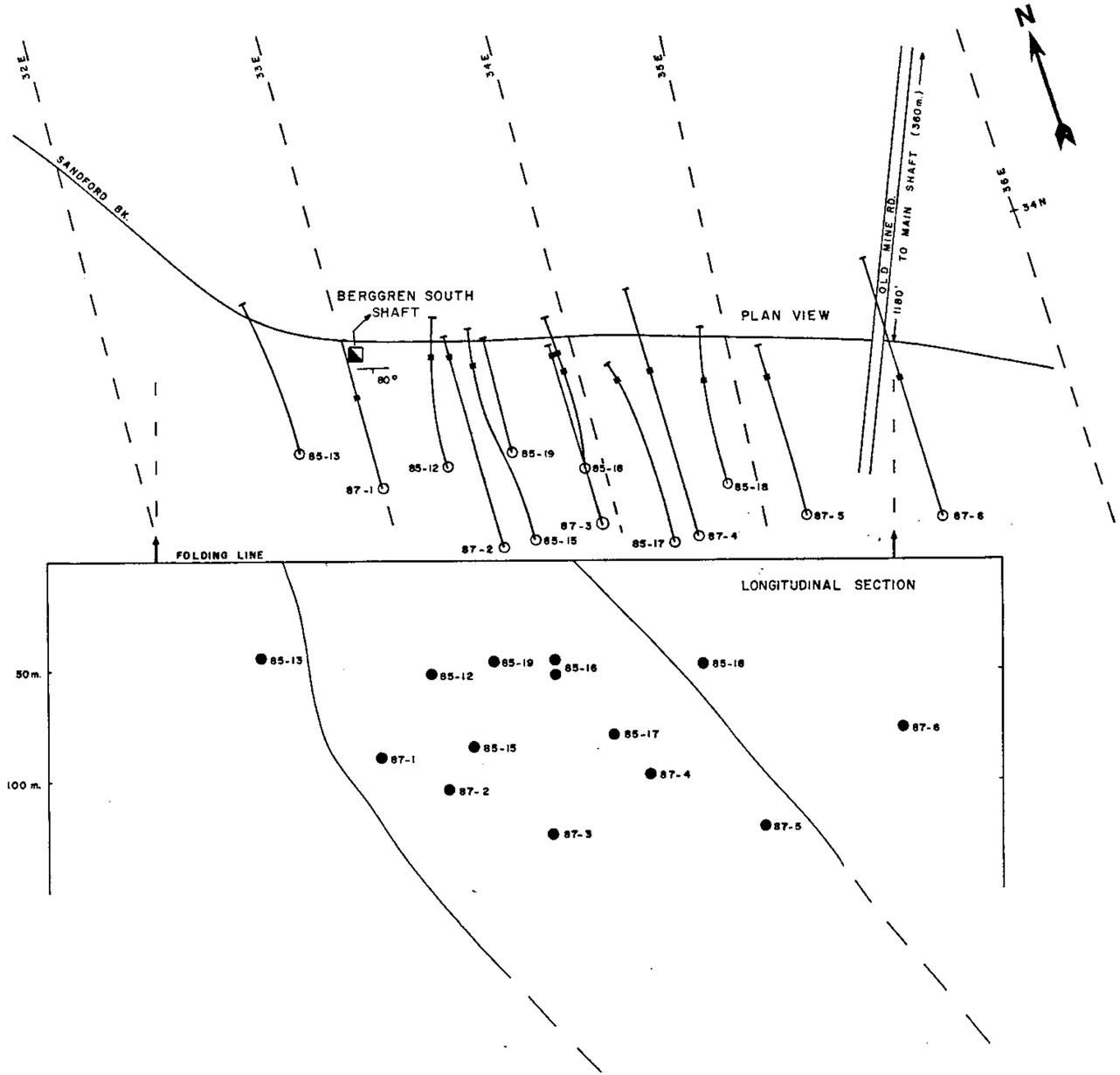
DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

WEST GORE SECTION 35+54E

DRAWN BY: C.M. ELSTL DATE FEB., 1987 SCALE 1:200


DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE
87 050
WEST GORE SURFACE PLAN SHOWING
85-87 DIAMOND DRILL HOLES
DRAWN BY:
DATE:
SCALE: 1:2000
METERS 0 50 100 150 METERS
FEET 0 100 200 300 FEET
workings
shaft
45 N
44 N
43 N
42 N
41 N
40N (Base Line)
39 N
38 N
37 N
36 N
35 N
34 N
33 N
32 N
31 N
L 28 E
L 29 E
L 30 E
L 31 E
L 32 E
L 33 E
L 34 E
L 35 E
L 36 E
L 36 E (Base Line)
L 37 E
L 38 E
L 39 E
L 40 E
L 41 E
L 42 E
L 43 E
L 44 E
L 45 E
L 46 E
L 47 E
DR. MOSHER
FLOWERS
MAIN
BERGGREN
BERGGREN SOUTH
CROWE
Sanford Brook
OLD MINE ROAD
85-1
85-2
85-3
85-4
85-5
85-6
85-7
85-8
85-9
85-10
85-11
85-12
85-13
85-14
85-15
85-16
85-17
85-18
85-19
87-1
87-2
87-3
87-4
87-5
87-6
N.S.V.



DDH	SAMPLE LENGTH	%Sb	OZ/T Au
85-12	0.18 m.	2.41	0.055
85-15	0.31 m.	2.88	0.190
85-16	0.49 m.	8.81	0.640
	6.40 m.	1.15	0.015
85-17	0.30 m.	3.49	0.012
85-19	0.32 m.	—	—
*87-1	2.29 m.	10.25	1.040
87-2	0.46 m.	6.62	0.260
87-3	0.30 m.	2.87	0.031
87-4	0.61 m.	0.10	0.005
87-5	0.73 m.	2.98	0.310
*87-6	0.30 m.	0.08	0.005
	0.41 m.	3.47% Sb	0.20 oz/T Au

* Omit from average.

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

87 050

BERGGREN SOUTH ZONE
(WEST GORE N-S)

DRAWN BY: L.ST-L. DATE: MARCH, 87 SCALE: 1:2000

L 28 E L 29 E L 30 E L 31 E L 32 E L 33 E L 34 E L 35 E L 36 E (Base Line) L 37 E L 38 E L 39 E L 40 E L 41 E L 42 E L 43 E L 44 E L 45 E L 46 E L 47 E

45 N 44 N 43 N 42 N 41 N 40N (Base Line) 39 N 38 N 37 N 36 N 35 N 34 N 33 N 32 N 31 N

ROBINSON

JEAN MACDONNELL

EDWIN MASON

EDWIN MASON

RALPH ANDREWS

PAUL HILCHEY

ELLIS BOUDREAU

JOHN MACPHEE

EDWIN MASON

STEPHEN SINGER

DOROTHY DEARMAN

ELLIS BOUDREAU

DR. MOSHER

ARTHUR FENTON

85-11

85-14

FLOWERS

85-2 N.S.V.

85-4

85-6 N.S.V.

85-8 N.S.V.

ELLIS BOUDREAU

WILLARD CAMPBELL

Sanford Brook

MAIN

BERGGREN

85-1 N.S.V.

85-3

85-5

85-7

85-9 N.S.V.

85-10 N.S.V.

CROWE

CARL HUDSON

ELLIS BOUDREAU

MINAS BASIN PULP CO.

ROSS MEEHAN

BERGGREN SOUTH

85-13 N.S.V.

87-1

85-12

85-19 N.S.V.

85-16

87-2

85-15

87-3

85-17

85-18 N.S.V.

87-4

87-5

87-6

OLD MINE ROAD

GEORGE WILSON

CARL HUDSON

% Sb | oz/T Au
meters
---- workings
shaft

METERS 0 50 100 150 METERS

FEET 0 100 200 300 FEET

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

PROPERTY MAP

WEST GORE SURFACE PLAN SHOWING
85-87 DIAMOND DRILL HOLES

87 050

iv (i)

DRAWN BY: L. ST-L. DATE: FEB., 1987 SCALE: 1 : 2000

L 28 E
L 29 E
L 30 E
L 31 E
L 32 E
L 33 E
L 34 E
L 35 E
L 36 E
L 37 E
L 38 E
L 39 E
L 40 E
L 41 E
L 42 E
L 43 E
L 44 E
L 45 E
L 46 E
L 47 E

45 N
44 N
43 N
42 N
41 N
40 N (Base Line)
39 N
38 N
37 N
36 N
35 N
34 N
33 N
32 N
31 N

75 G
75 H
74 E
74 F
74 G
75 B
75 A
74 D
74 C
74 B
70 P
70 Q
71 N
71 O
71 P
70 K
70 J
71 M
71 L
71 K

DR. MOSHER
85-14
FLOWERS
85-2
85-4
85-6
85-8
MAIN
BERGGREN
85-1
85-3
85-5
85-7
85-9
85-10
CROWE
BERGGREN SOUTH
85-13
87-1
85-12
85-19
85-16
87-2
85-15
87-3
85-17
85-18
87-4
87-5
87-6
Santoro Brook
Old Mine Road

- 36:1 ox/Tag veins
- workings
- shaft

METERS 0 50 100 150 METERS
FEET 0 100 200 300 FEET

DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE

CLAIM MAP

WEST GORE SURFACE PLAN SHOWING
85-87 DIAMOND DRILL HOLES

87 050 IV(2)

DRAWN BY: L. ST-L. DATE: FEB, 1987 SCALE: 1:2000

N

WEST GORE

Base Line 36+00 E

L-15E L-16E L-17E L-18E L-19E L-20E L-21E L-22E L-23E L-28E L-29E L-30E L-31E L-32E L-33E L-34E L-35E L-36E L-37E L-38E L-39E L-40E L-41E L-42E L-43E L-44E L-45E L-46E L-47E L-48E L-49E L-50E L-51E L-52E

L-3E L-4E L-5E L-6E L-7E L-8E L-9E L-10E L-11E L-12E L-13E L-14E

54 N 53 N 52 N 51 N 50 N 49 N 48 N 47 N 46 N 45 N 44 N 43 N 42 N 41 N B40 39 N 38 N 37 N 36 N 35 N 34 N 33 N 32 N 31 N 30 N 29 N 28 N 27 N 26 N 25 N 24 N 23 N 22 N 21 N 20 N 19 N 18 N 17 N 16 N 15 N 14 N 13 N 12 N 11 N 10 N 9 N 8 N 7 N 6 N

Glen

Old

Birch

Brook

Sanford

McInnis

PALAEOZOIC SEDIMENTS

L 500 W L 400 W L 300 W L 200 W L 100 W

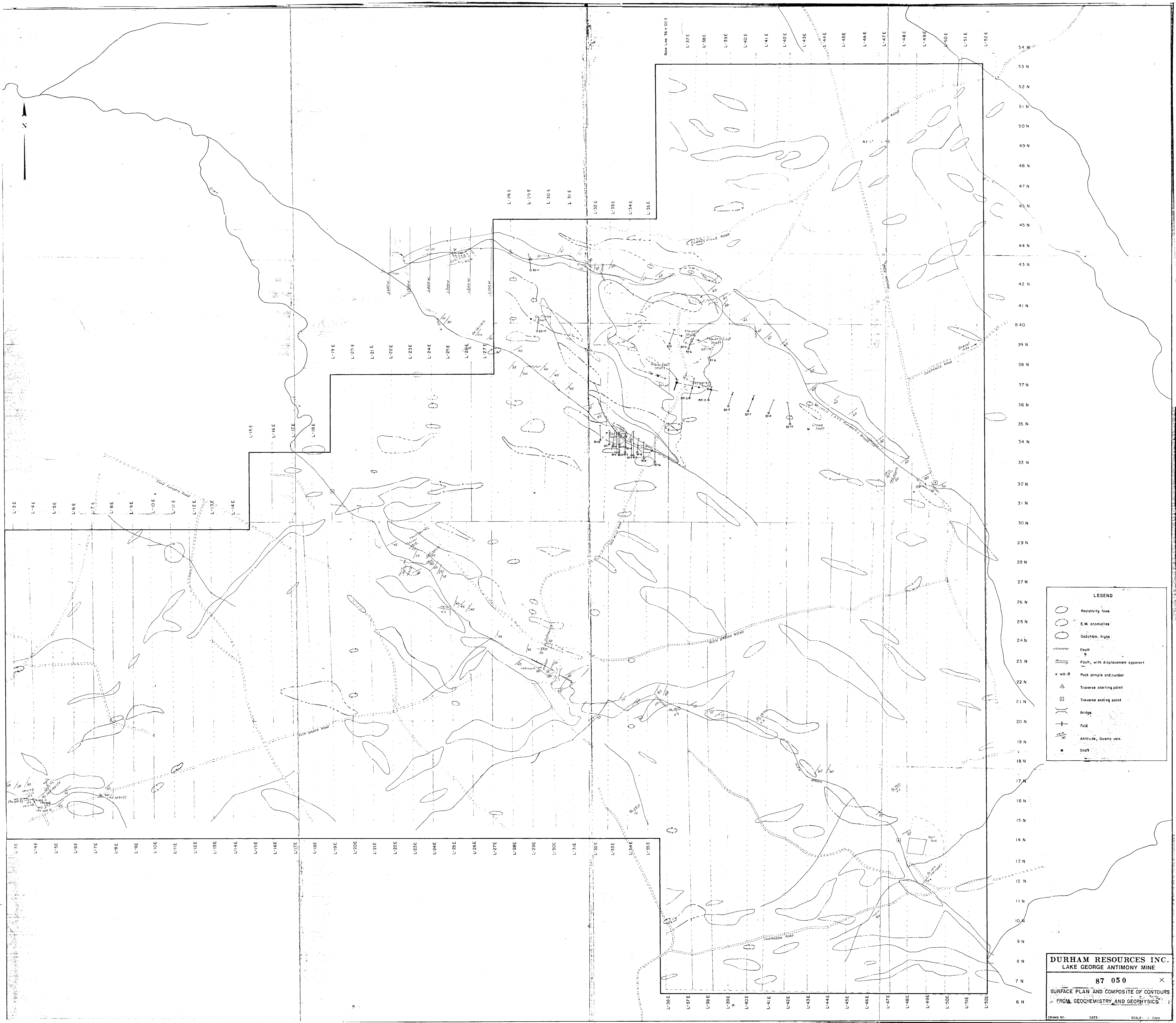
DR. MASHER SHAFT - 44°

DURHAM RESOURCES INC
LAKE GEORGE ANTIMONY MINE

87 050
GEOLOGY MAP

IX

DRAWN BY: DATE: March 87 SCALE: 1:5000


N
Glen
Good Forestry Road
GLEN BROOK ROAD
OLD MINE ROAD
CLARKSVILLE ROAD
GORE ROAD
RANDON ROAD
CUSTANCE ROAD
THOMPSON ROAD
WEST GORE
Gravel Pits
Brook
ZONE
De Verniets N.A.
Dr. Mosher Shaft
Flowers Shaft
Flowers East Shaft
Main East Shaft
Berggren Shaft
Berggren South Shaft
Crowe Shaft
McInnis (A.K.A. Murdock) Brook
Fault (north)
vein
sediments
Qz vein N A
Qz vein (on road) N A
Ball Park
GLEN BROOK
WG-1 (Au ppb<2)
WG-2 (Au ppb <2)
WG-3 (Au ppb 8)
WG-4 (Au ppb 3)
vein #1
vein #2
vein #3
Base Line 36 + 00 E
L600W
L500W
L400W
L300W
L200W
L100W
LEGEND
Resistivity lows
E.M. anomalies
Geochem. highs
Fault
Fault, with displacement apparent
x WG-8 Rock sample and number
Traverse starting point
Traverse ending point
Bridge
Fold
Attitude, Quartz vein
Shaft
DURHAM RESOURCES INC.
LAKE GEORGE ANTIMONY MINE
87 050
SURFACE PLAN AND COMPOSITE OF CONTOURS FROM GEOCHEMISTRY AND GEOPHYSICS
DRAWN BY:
DATE:
SCALE: 1 : 5000