010

SEWELL-REEVES PROJECT

ASSAY RESULTS

RE:

EAST BLOCK DRILLING

SEWELL, REEVES, KENOGAMING AND

PENHORWOOD TOWNSHIPS

2.12954

Contents

- copy of Report of Work
- claim sketch showing claims where assays were taken
- summary of assay sheets
- representative invoice
- breakdown of assays re: Diamond Drilling ... by claim
- Technical Data Statement
- logs of drillholes with assays entered
  plus - photo reduced claim map
  - location sketch 1:5000
- assay sheets in chronological order

Dale R Alexander

Dale R. Alexander
Senior Exploration Geologist

Ministry of Northern Development and Mines
Ontario

2.12954

DOCUMENT No. W 8906.397

Mining Act

Report of Work
(Expenditures, Subsection 77(19))

Instructions
- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Type of Work Performed	Mining Division	Township or Area
Assaying - Drill Core	Porcupine	see breakdown Penhorwood, Sewell, Reeves, Kenogaming Twps.

Recorded Holder	Prospector's Licence No.
American Barrick Resources Corporation, optionee of record	T-834

Address	Telephone No.
P.O. Box 1203, Kirkland Lake, Ontario P2N 3M7 2.12954	(705)567-4941

Work Performed By: American Barrick Resources Corporation

Name and Address of Author (of Submission): Dale R. Alexander, c/o American Barrick, Kirkland Lake

Date When Work was Performed — From: 20 09 89 (Day Mo. Yr.) To: 30 09 89 (Day Mo. Yr.)

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim, *See Note No. 1 on reverse side

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
P.798200	55.5	P.932074	24.5	P.901335	4.5	P.929612	47.0	P.933528	98.5	P.933569	20.5
P.933575	53.5	P.987256	29.0	P.947253	25.5						

Instructions
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits: Total Expenditures $ 5377.50 ÷ 15 = Total Days Credits 358.5

Total Number of Mining Claims Covered by this Report of Work:

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
SEE AMENDMENT ATTACHED											

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
FEB 27 1990
RECEIVED

RECEIVED
JAN 11 1990
MINING LANDS SECTION

RECORDED
DEC 11 1989

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
358.5	----	358.5

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Dec 1/89 Recorded Holder or Agent (Signature): Dale R Alexander

Certification Verifying Report of Work

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

Name and Address of Person Certifying: Dale R. Alexander, c/o American Barrick Resources, Exploration Division

Kirkland Lake	Telephone No. (705)567-4941	Date Dec 1/89	Certified By (Signature) Dale R Alexander

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
200	DEC. 11/89	S. White
	Date Approved as Recorded: Feb 26/90	Provincial Manager, Mining Lands: D. Wilkinson

Received Stamp: RECEIVED DEC 11 1989 MINES

Ministry of Northern Development and Mines

Mining Act

Report of Work
(Expenditures, Subsection 77(19))

Instructions
- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Type of Work Performed	Mining Division	Township or Area
Assaying - Drill Core	Porcupine	Penhorwood, Sewell, Reeves, Kenogaming Twps (see breakdown)

Recorded Holder	Prospector's Licence No.
American Barrick Resources Corporation, optionee of record	T-834
Address	**Telephone No.**
P.O. Box 1203, Kirkland Lake, Ontario P2N 3M7	(705)567-4941
Work Performed By	
American Barrick Resources Corporation	
Name and Address of Author (of Submission)	**Date When Work was Performed From: / To:**
Dale R. Alexander, c/o American Barrick, Kirkland Lake	From: 30 / 09 / 89 To: 30 / 09 / 89

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
P.798200	55.5	P.932074	24.5	P.901335	4.5	P.929612	47.0		
P.933528 *	98.5	P.933569	20.5	P.933575	53.5	P.987256	29.0	P.947253	25.5

Instructions
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits

Total Expenditures $ 5377.50 ÷ 15 = Total Days Credits 358.5

Total Number of Mining Claims Covered by this Report of Work: 7

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.
P.	848909	40									
	848910	40									
	848911	40									
	848912	40									
	848913	40									
	848914	40									
	848915	40									

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
358.5	280	78.5

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Dec. 22/89 Recorded Holder or Agent (Signature): Dale R Alexander

Certification Verifying Report of Work

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

Name and Address of Person Certifying

Dale R. Alexander, c/o American Barrick Resources, Exploration Division

Kirkland Lake	Telephone No. (705)567-4941	Date Dec 22/89	Certified By (Signature) Dale R Alexander

Received Stamp

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	See attached work statement	
	Date Approved as Recorded	Provincial Manager, Mining Lands

Ministry of Northern Development and Mines

Ontario

Mining Act

Report of Work 2.12954
(Expenditures, Subsection 77(19))

Instructions
- Please type or print.
- Refer to Subsection 77(19), the Mining Act for assessment work requirements and maximum credits allowed under this Subsection.
- Technical Reports, maps and proof of expenditures in duplicate should be submitted to Mining Lands Section, Mineral Development and Lands Branch.

Type of Work Performed	Mining Division	Township or Area
Assaying - Drill Core	Porcupine	see breakdown Penhorwood, Sewell, Reeves, Kenogaming Twps.

Recorded Holder	Prospector's Licence No.
American Barrick Resources Corporation, optionee of record	T-834
Address	**Telephone No.**
P.O. Box 1203, Kirkland Lake, Ontario P2N 3M7	(705)567-4941
Work Performed By	
American Barrick Resources Corporation	
Name and Address of Author (of Submission)	**Date When Work was Performed** From: 20 09 89 To: 30 09 89 (Day / Mo. / Yr.)
Dale R. Alexander, c/o American Barrick, Kirkland Lake	

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side

Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
P.798200	55.5	P.932074	24.5	P.901335	4.5	P.929612	47.0				
P.933528	98.5	P.933569	20.5	P.933575	53.5	P.987256	29.0	P.947253	25.5		

Instructions
Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).

Calculation of Expenditure Days Credits
Total Expenditures $ 5377.50 ÷ 15 = Total Days Credits 358.5

Total Number of Mining Claims Covered by this Report of Work

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.	Mining Claim Prefix	Mining Claim Number	Expend. Days Cr.

COPY

Total Number of Days Performed	Total Number of Days Claimed	Total Number of Days to be Claimed at a Future Date
358.5	----	358.5

Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.

Date: Dec 1/89 — Recorded Holder or Agent (Signature): Dale R Alexander

Certification Verifying Report of Work

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

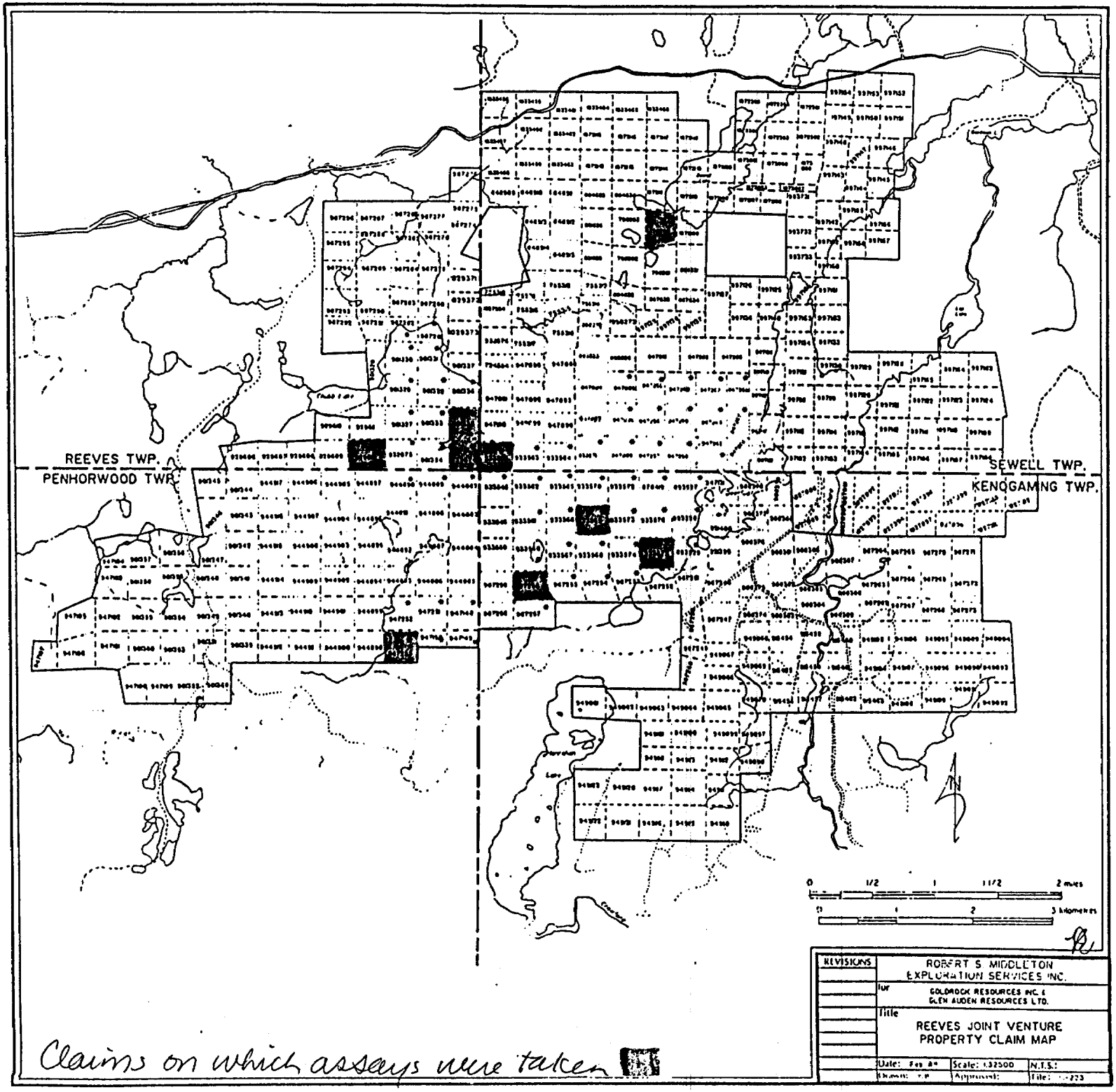
Name and Address of Person Certifying
Dale R. Alexander, c/o American Barrick Resources, Exploration Division

Kirkland Lake	Telephone No. (705)567-4941	Date Dec 1/89	Certified By (Signature) Dale R Alexander

Received Stamp

For Office Use Only

Total Days Cr. Recorded	Date Recorded	Mining Recorder
	Date Approved as Recorded	Provincial Manager, Mining Lands


REEVES TWP.
PENHORWOOD TWP.
SEWELL TWP.
KENOGAMING TWP.
0 1/2 1 1 1/2 2 miles
0 1 2 3 kilometers
N
Claims on which assays were taken
REVISIONS
ROBERT S MIDDLETON
EXPLORATION SERVICES INC.
for
GOLDROCK RESOURCES INC. &
GLEN AUDEN RESOURCES LTD.
Title
REEVES JOINT VENTURE
PROPERTY CLAIM MAP
Date: Feb 8th
Scale: 1:32500
N.T.S.:
Drawn:
Approved:
File:

SEWELL-REEVES PROJECT

SUMMARY OF ASSAY SHEETS

EAST BLOCK DRILLING, 1989

September	20	-	54 samples
October	3	-	51
	4	-	6
	11	-	28
	15	-	39
	15	-	66
	16	-	25
	17	-	73
	19	-	27
	20	-	16
	22	-	34
	24	-	2
	25	-	18
	27	-	33
	27	-	29
	29	-	51
	31	-	38
November	3	-	78
	8	-	49

717 - Total assays East Block

x $ 7.50

$5377.5 / 15 = 358.5 days credit

All assaying was completed at the Holt-McDermott assay lab at a charge of $7.50 per sample -- a representative invoice signed by the Regional Exploration Manager is attached. The charge is all-inclusive of sample preparation and assaying. Since the assay rate is much less than a commercial lab, check samples and assays of additional elements are charged at the same $7.50 per element rate. All samples are assayed for gold in gms (or ppm).

Dale R. Alexander

Dale R. Alexander
Senior Exploration Geologist

BARRICK

American Barrick Resources Corporation
HOLT-McDERMOTT MINE

P.O. Box 278 • Kirkland Lake, Ontario • P2N 3H7
Telephone: 1 (705) 567-9251 • Fax: 1 (705) 567-6867

November 2, 1989

American Barrick Resources Corporation
Exploration Division
P. O. Box 1203
Kirkland Lake, Ont
P2N 3H7

INVOICE NO. 89-08

Assays performed at Holt-McDermott Mine for
August, September and October, 1989

August		
718 at 7.50	=	5,385.00
September		
827 at 7.50	=	6,202.50
October		
2162 at 7.50	=	16,215.00
Invoice Total	=	27,802.50

Please make cheque payable to:

American Barrick Resources Corporation
Holt-McDermott Mine
P. O. Box 278
Kirkland Lake, Ont
P2N 3H7

Yours truly,

D. Mitchell
Chief Accountant

Regional Mgr [7/11/89] area manager

DM:rb

BREAKDOWN OF ASSAYS

RE: DIAMOND DRILLING

... by Claim

Sewell Township Claim 798200 - DDHs SR-1,2,3	102 (9) ✓111 assays	- 55.5 days
Reeves Township Claim 932074 - DDH SR-4	(5) 53 ✓49 assays	- 24.5 days
Claim 901335 - DDH SR-4	✓9 assays	- 4.5 days
Reeves Township Claim 929612 - DDH SR-5	✓94 assays	- 47.0 days
Sewell Township (SR-6,6B) Kenogaming Township (SR-11) Claim 933528 - DDHs SR-6,6B,11	83 96 179 (18) 197 assays	- 98.5 days
Kenogaming Township Claim 933569 - DDH SR-7	(5) 36 41 assays	- 20.5 days
Kenogaming Township Claim 933575 - DDH SR-8	(10) 97 107 assays	- 53.5 days
Kenogaming Township Claim 987256 - DDH SR-9	(6) 52 58 assays	- 29.0 days
Penhorwood Township Claim 947253 - DDH SR-10	(11) 40 51 assays	- 25.5 days
	717 assays	= 358.5 days

Dale R Alexander

Dale R. Alexander
Senior Exploration Geologist

15 3

16

Ministry of Northern Development and Mines

Ontario

Geophysical-Geological-Geochemical Technical Data Statement

File _____

TO BE ATTACHED AS AN APPENDIX TO TECHNICAL REPORT
FACTS SHOWN HERE NEED NOT BE REPEATED IN REPORT
TECHNICAL REPORT MUST CONTAIN INTERPRETATION, CONCLUSIONS ETC.

Type of Survey(s) Assaying - Drill Core 77-19

Township or Area Sewell Township

Claim Holder(s) American Barrick Resources Corp., Exploration Division, Box 1203, Kirkland Lake, Ontario P2N 3M7 — optionee of record

Survey Company American Barrick Resources Corp.

Author of Report Dale R. Alexander

Address of Author c/o American Barrick, Kirkland Lake

Covering Dates of Survey Sept 30/89 to Nov 8/89 (linecutting to office)

Total Miles of Line Cut _____

SPECIAL PROVISIONS CREDITS REQUESTED

ENTER 40 days (includes line cutting) for first survey.

ENTER 20 days for each additional survey using same grid.

	DAYS per claim
Geophysical	
–Electromagnetic	
–Magnetometer	
–Radiometric	
–Other Assaying	
Geological	
Geochemical	

AIRBORNE CREDITS (Special provision credits do not apply to airborne surveys)

Magnetometer _____ Electromagnetic _____ Radiometric _____ (enter days per claim)

DATE: Dec 1/89 SIGNATURE: Dale R Alexander
Author of Report or Agent

Res. Geol. _____ Qualifications _____

Previous Surveys

File No.	Type	Date	Claim Holder

MINING CLAIMS TRAVERSED
List numerically

(prefix)	(number)
P.	798200
	932074
	901335
	929612
	933528
	933569
	933575
	987256
	947253

If space insufficient, attach list

TOTAL CLAIMS 9

837 (85/12)

GEOPHYSICAL TECHNICAL DATA

GROUND SURVEYS – If more than one survey, specify data for each type of survey

Number of Stations _____ Number of Readings _____

Station interval _____ Line spacing _____

Profile scale _____

Contour interval _____

MAGNETIC

Instrument _____

Accuracy – Scale constant _____

Diurnal correction method _____

Base Station check-in interval (hours) _____

Base Station location and value _____

_____

ELECTROMAGNETIC

Instrument _____

Coil configuration _____

Coil separation _____

Accuracy _____

Method: ☐ Fixed transmitter ☐ Shoot back ☐ In line ☐ Parallel line

Frequency _____
(specify V.L.F. station)

Parameters measured _____

GRAVITY

Instrument _____

Scale constant _____

Corrections made _____

_____

Base station value and location _____

_____

Elevation accuracy _____

INDUCED POLARIZATION RESISTIVITY

Instrument _____

Method ☐ Time Domain ☐ Frequency Domain

Parameters – On time _____ Frequency _____

– Off time _____ Range _____

– Delay time _____

– Integration time _____

Power _____

Electrode array _____

Electrode spacing _____

Type of electrode _____

SELF POTENTIAL

Instrument _____ Range _____

Survey Method _____

_____

Corrections made _____

_____

RADIOMETRIC

Instrument _____

Values measured _____

Energy windows (levels) _____

Height of instrument _____ Background Count _____

Size of detector _____

Overburden _____

(type, depth – include outcrop map)

OTHERS (SEISMIC, DRILL WELL LOGGING ETC.)

Type of survey _____

Instrument _____

Accuracy _____

Parameters measured _____

_____

Additional information (for understanding results) _____

_____

_____

AIRBORNE SURVEYS

Type of survey(s) _____

Instrument(s) _____

(specify for each type of survey)

Accuracy _____

(specify for each type of survey)

Aircraft used _____

Sensor altitude _____

Navigation and flight path recovery method _____

_____

Aircraft altitude _____ Line Spacing _____

Miles flown over total area _____ Over claims only _____

GEOCHEMICAL SURVEY – PROCEDURE RECORD

Numbers of claims from which samples taken: Drillholes on claims P.798200, 932074, 901335, 929612, 933528, 933569, 933575, 987256, 947253.

Total Number of Samples: 717

Type of Sample: split drill core (Nature of Material)

Average Sample Weight: 1.5 kgs

Method of Collection: diamond drilling

Soil Horizon Sampled: n/a

Horizon Development: n/a

Sample Depth: variable

Terrain:

Drainage Development:

Estimated Range of Overburden Thickness: 0 to 30m

SAMPLE PREPARATION
(Includes drying, screening, crushing, ashing)

Mesh size of fraction used for analysis: -200 mesh

General: The sample is dried, crushed (jaw crusher and cone crusher) and is pulverized (disc pulverizer) to - 200 mesh.

ANALYTICAL METHODS

Values expressed in: per cent ☐ p. p. m. ☒ p. p. b. ☐

Cu, Pb, Zn, Ni, Co, Ag, Mo, As, (circle)

Others: Au

Field Analysis (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Field Laboratory Analysis

No. (_____ tests)

Extraction Method:

Analytical Method:

Reagents Used:

Commercial Laboratory (717 tests)

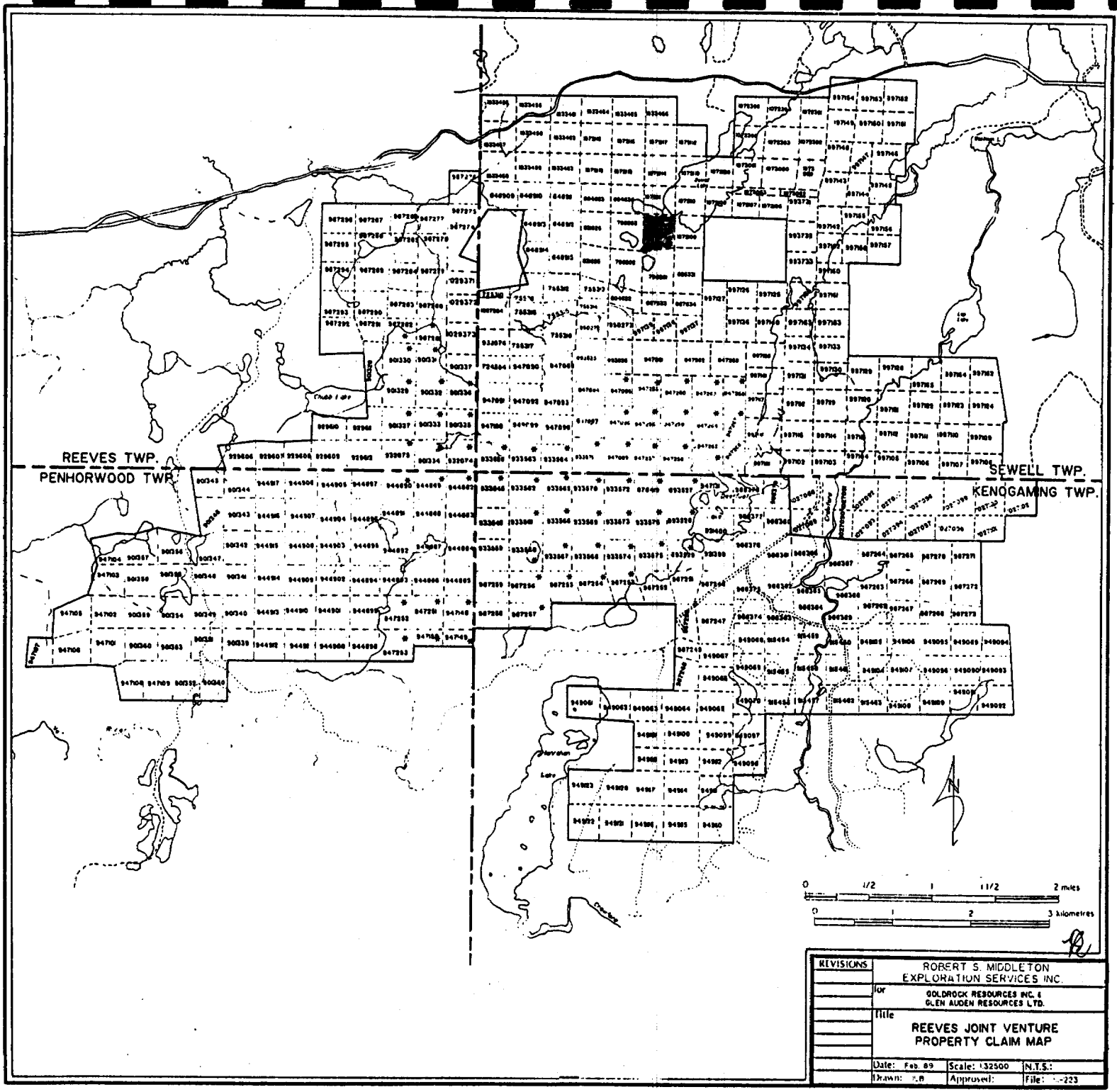
Name of Laboratory: Holt-McDermott

Extraction Method: Aqua regia

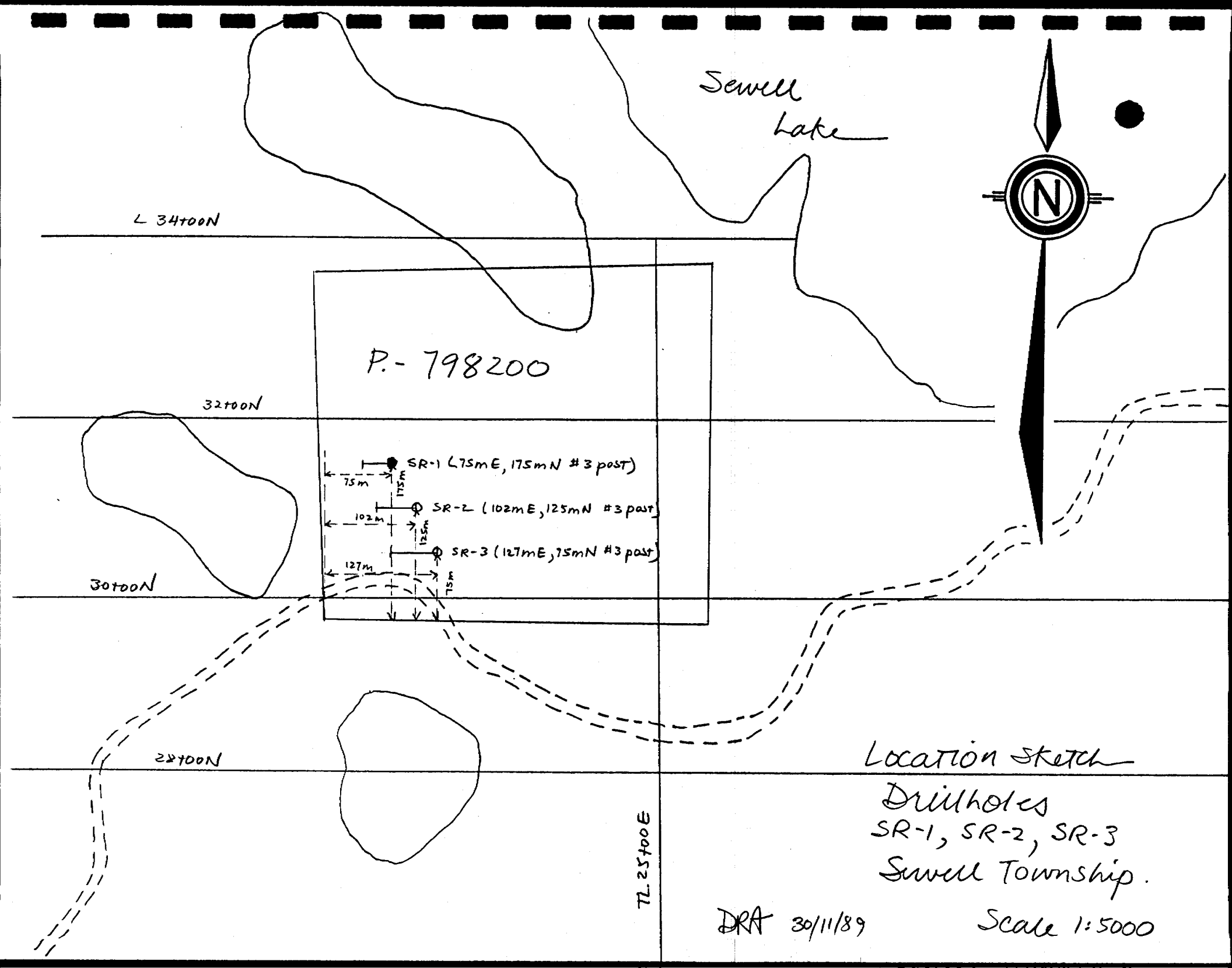
Analytical Method: fire and AA

Reagents Used: flux, $AgNO_3$, HNO_3, HCl

General: The sample is fluxed and fused to produce a gold bead which is subsequently dissolved in Aqua regia and read with Atomic Absorption.



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb. 89	Scale: 1:32500	N.T.S.:
	Drawn: R.B	Approved:	File: [illegible]-223


Sewell Lake
N
34TOON
32TOON
30TOON
28TOON
P.- 798200
SR-1 (75mE, 175mN #3 post)
75m
175m
SR-2 (102mE, 125mN #3 post)
102m
125m
SR-3 (127mE, 75mN #3 post)
127m
75m
TL 25TOOE
Location Sketch
Drillholes
SR-1, SR-2, SR-3
Sewell Township.
DRA 30/11/89
Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co[redacted]s: .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-1

Azimuth: 270.0 Section: 3150N Property: SEWELL REEVES

Dip: -50.0 Core Size: BQ Location: 2200E 3150N

Elevation: .0

Length: 50.6 Date Started: September 20,1989
Date Completed: September 21, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing left in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
50.60		-51.0						

----------Log Summary----------

.00 1.22 CASING.

1.22 8.37 BASALT.

8.37 45.90 FOLIATED BASALT.

41.15 - 41.70 : silicified, hematized, sericitized, mineralized zone.

45.90 50.60 BASALT amygdular.

50.60 END OF HOLE.

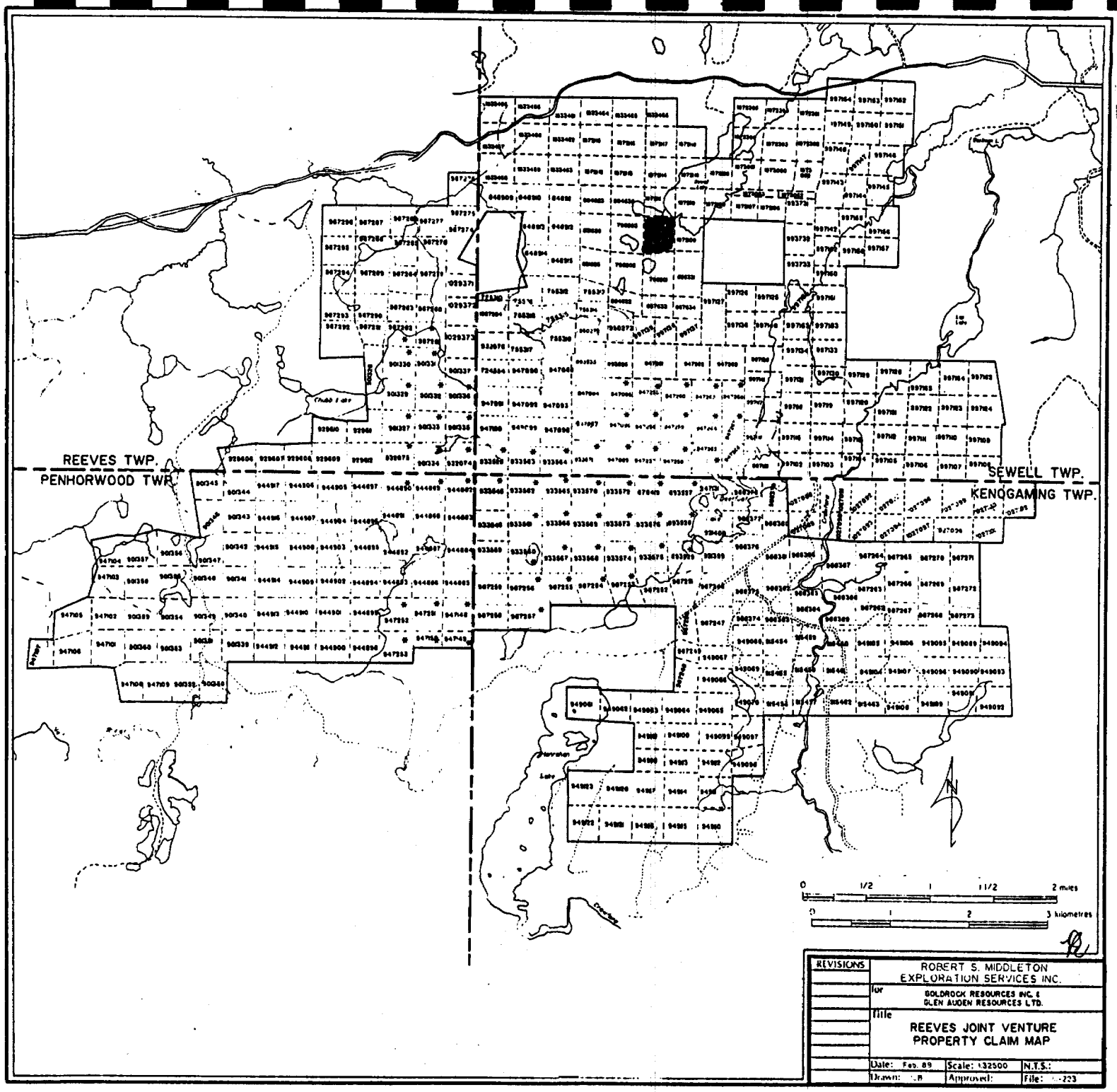
Dave R Alexander

AMERICAN BARRICK
RESOURCES CORPORATION

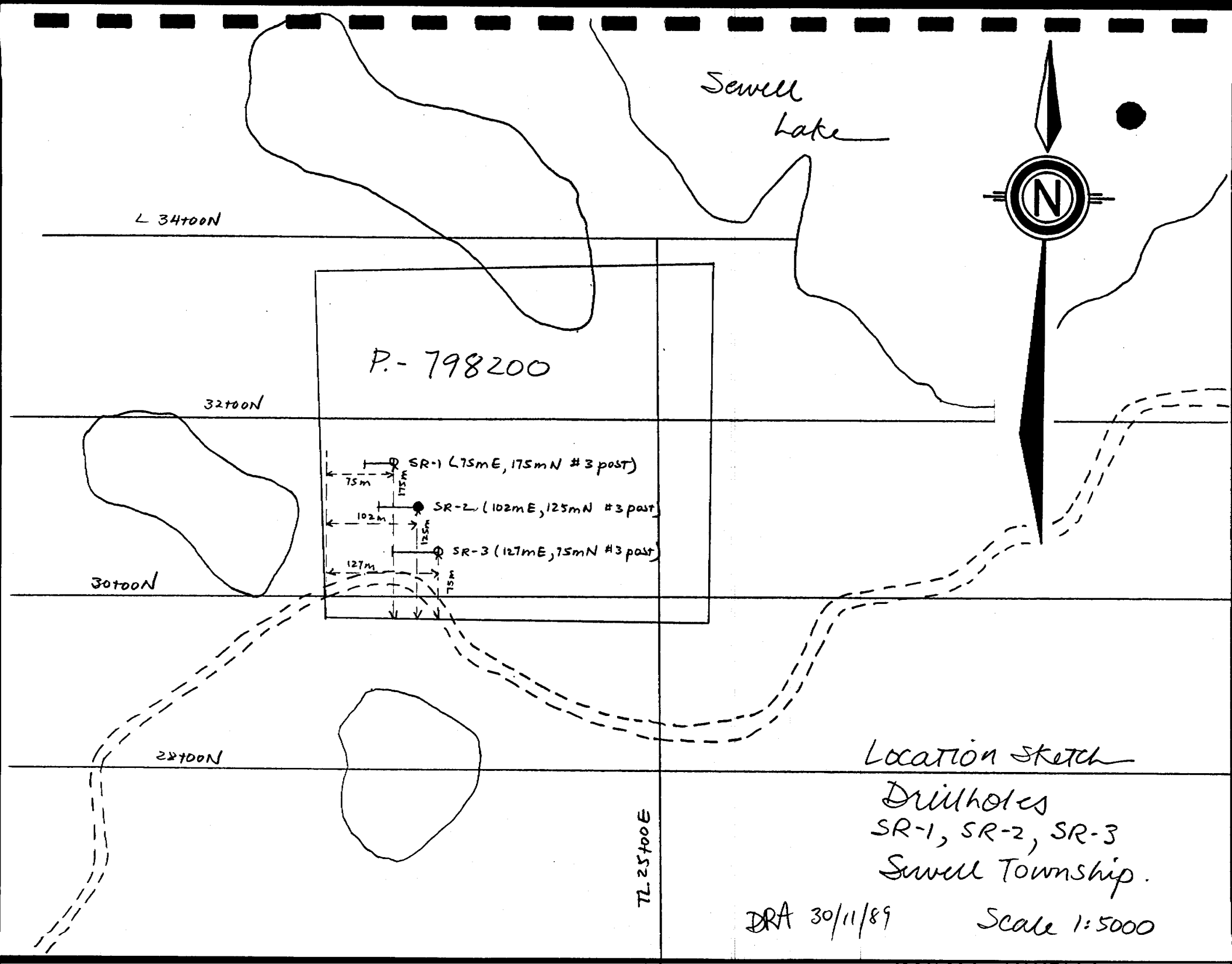
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	1.22	CASING							
1.22	8.37	BASALT Moderately hard, grey-green to dark green, fine grained to medium grained, weakly foliated and magnetic mafic volcanic. This unit is weakly calcitic and moderately chloritic. From 5.0 to 8.37 these is a moderate leucoxene alteration There are 1 to 3%, 2 to 5 cm wide, carbonate veins along foliation or filling fractures. There is nil to rare pyrite as fine grained disseminations. Foliation is very weakly developed at 35 to 45 degrees to the core axis. Lower contact is sharp at 90 degrees to the core axis. 1.22 6.30 : moderately fractured core.								
8.37	45.90	FOLIATED BASALT Moderately hard, greenish-grey to pale green, fine grained, weakly to moderately magnetic, foliated mafic volcanic. This unit is moderately calcitic and chloritic. There are locally 1 to 5%, 2 mm to 5 cm wide grey pink, thinly bedded silicified hematized sericitized zones subparallel to foliation. These zones contain 1 to 5% pyrite as fine euhedral grains disseminated and 1 to 2% magnetite as fine to medium euhedral grains disseminated.	99701	10.00	11.00	1.00	TR-1	.060	.06
			99702	19.90	20.90	1.00	TR-1	.200	.20
			99703	20.90	21.90	1.00	TR-5	.350	.35
			99704	21.90	22.90	1.00	TR-5	.100	.10
			99705	22.90	23.90	1.00	TR-5	.120	.12
			99706	23.90	24.90	1.00	TR-5	.200	.20
			99707	24.90	25.90	1.00	TR-5	.170	.17
			99708	25.90	26.90	1.00	TR-5	.150	.15
			99709	26.90	27.90	1.00	TR-5	.160	.16
			99710	27.90	28.90	1.00	TR-5	.140	.14
			99711	28.90	29.90	1.00	TR-5	.170	.17
			99712	29.90	30.90	1.00	TR-5	.250	.25

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		There are 5 to 10%, 1 to 2 mm wide, white, pinched carbonate (ankerite) veins subparallel to foliation at 40 to 45 degrees to the core axis. These veins are barren. There are a few odd mm to cm white, barren, quartz - carbonate veins at random angles. There are trace to 1% very fine pyrite points or blebs disseminated across the unit. Foliation is well developed at 40 to 45 degrees to the core axis, lower contact is 40 degrees to the core axis. 16.50 - 16.90, 17.4 - 17.6 : moderately fractured core, weak yellow brown oxidized alteration. 20.90 29.90 : there are 1 to 2%, 2 mm to 5 cm wide laminated silicified sericitized mineralization sections. 29.90 45.90 : there are 2 to 10% hematized silicified sericitized mineralized sections, 2 mm to 10 cm wide. There are a few odd yellow brown oxidized altered sections, 1 to 5 cm wide along fractures subparallel to foliation. 41.15 41.70 MINERALIZED ZONE. Silicified, hematized, sericitized mineralized zone. Moderately hard well bedded alternating in mm beds pale grey to grey pink and black strongly magnetic altered zone. There are 2 to 6% very fine grained pyrite disseminations and 1% magnetite as fine beds or grains disseminated.	99713	30.90	31.90	1.00	TR-5	.120	.12
			99714	31.90	32.90	1.00	TR-5	.330	.33
			99715	32.90	33.90	1.00	TR-5	.130	.13
			99716	33.90	34.90	1.00	TR-5	.080	.08
			99717	34.90	35.90	1.00	TR-5	.150	.15
			99718	35.90	36.90	1.00	TR-5	.130	.13
			99719	36.90	37.90	1.00	TR-5	.870	.87
			99720	37.90	38.90	1.00	TR-5	.310	.31
			99721	38.90	39.90	1.00	TR-5	.490	.49
			99722	39.90	40.50	.60	TR-5	.102	.17
			99723	40.50	41.15	.65	TR-5	.059	.09
			99724	41.15	41.70	.55	2-6	.055	.10
			99725	41.70	42.70	1.00	TR-5	.080	.08
			99726	42.70	43.70	1.00	TR-5	.710	.71
			99727	43.70	44.70	1.00	TR-5	.220	.22
			99728	44.70	45.90	1.20	TR-5	.168	.14
45.90	50.60	BASALT AMYGDULAR							
			99729	47.50	48.50	1.00	TR	.120	.12
		Moderately hard, fine grained, green to grey-green, locally weakly magnetic mafic volcanic. Amygdular. There are 2 to 3%, 3 to 5 mm subrounded quartz amygdules elongated along foliation at 30 to 35 degrees to the core axis. Along foliation there are locally 20 to 40 cm spaced, 2 to 5 cm wide horizons with 5 to 10% hypidiomorphic feldspar phenocrysts 1 to 3 mm long, that may represent pillow selvages. This unit is weakly calcitic and moderately chloritic. There are 1 to 3% mm, barren, carbonate veins elongated along foliation, and trace, 5 mm to 1 cm wide, white quartz - carbonate veins crosscutting foliation with trace pyrite and magnetite. There is trace pyrite as fine euhedral grains disseminated. Foliation is weakly developed at 30 to 35 degrees to the core axis.							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
	50.60	END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP
	Date: Feb. 89 | Scale: 1:32500 | N.T.S.:
	Drawn: [illegible]B | Approved: | File: [illegible]223



Location Sketch

Drillholes
SR-1, SR-2, SR-3
Sewell Township.

DRA 30/11/89

Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-o[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-2

Azimuth: 270.0 Section: 22+27E Property: SEWELL-REEVES

Dip: -49.0 Core Size: BQ Location: 22+27E 31+00N

Elevation: .0

Length: 65.8 Date Started: September 21, 1989
Date Completed: September 22, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing left in ground

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-49.0						

----------Log Summary----------

.00 1.22 CASING.

1.22 65.84 FOLIATED BASALT.

4.60 - 5.15 BASALT.

6.60 - 6.61 fault plane.

19.80 - 19.81 fault plane.

65.84 END OF HOLE.

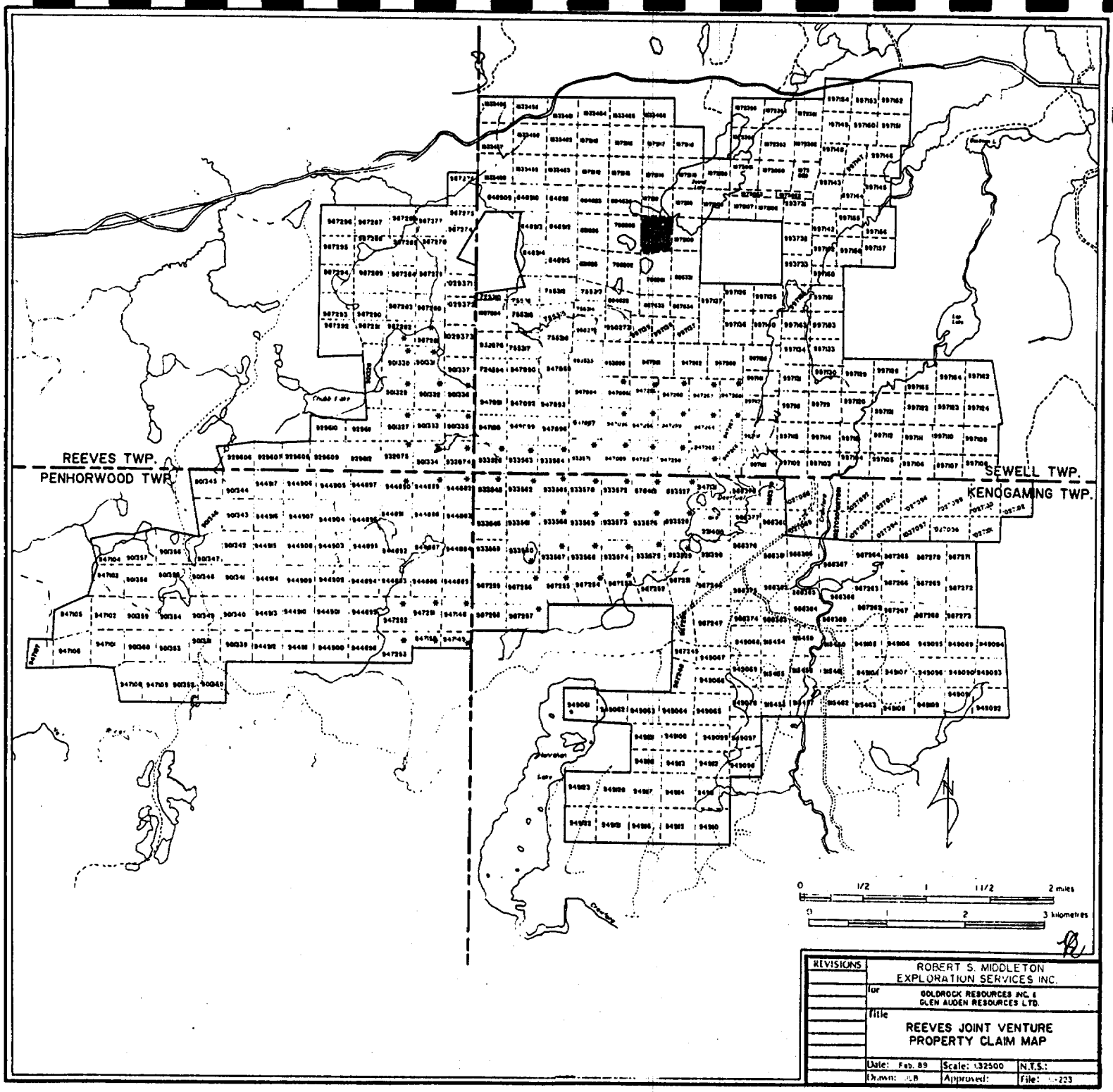
Dave R Alexander

AMERICAN BARRICK
RESOURCES CORPORATION

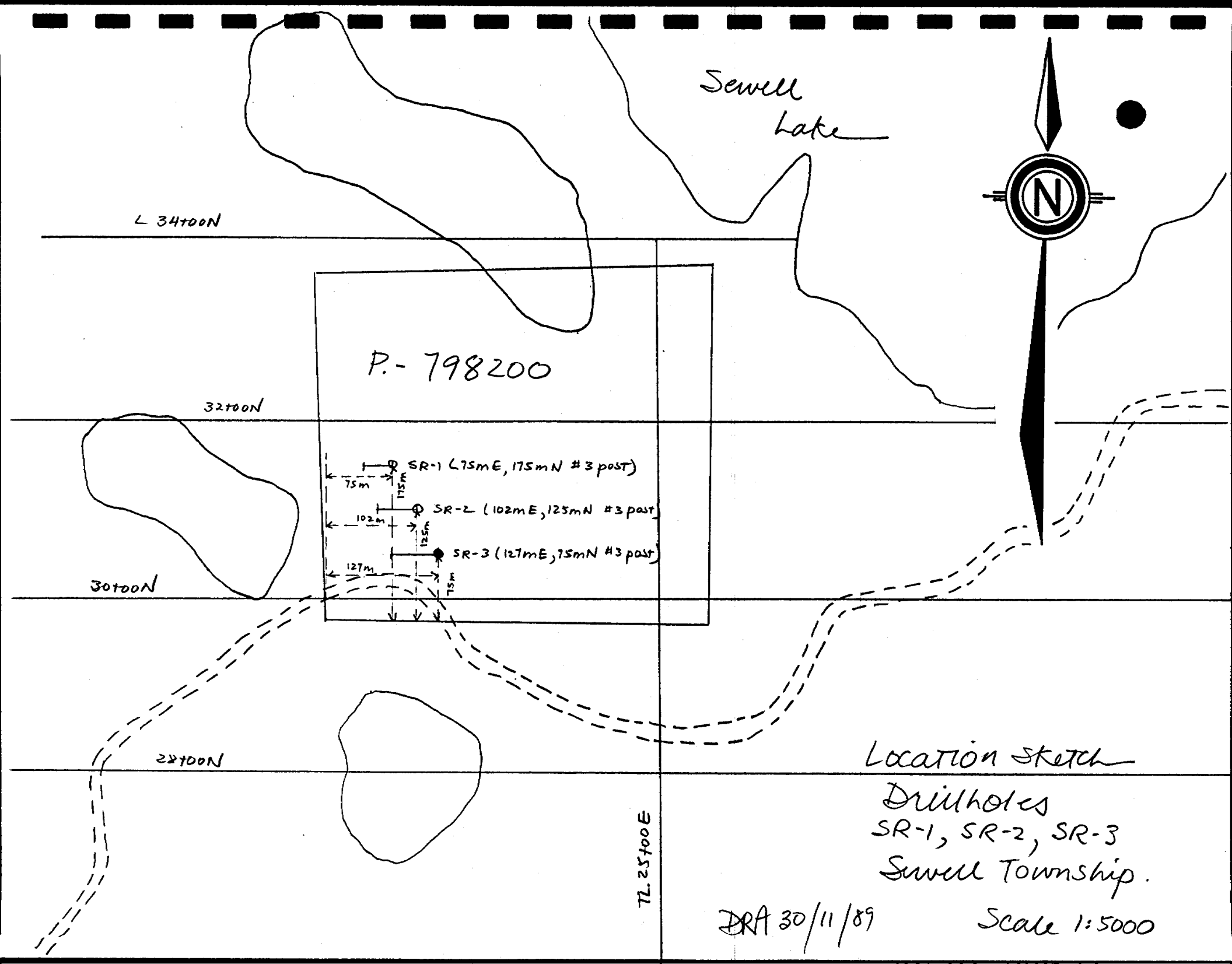
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	1.22	CASING							
1.22	65.84	FOLIATED BASALT							
			99730	2.77	3.77	1.00	1-5	.110	.11
			99731	3.77	4.60	.83	1-5	.066	.08
		Moderately hard, dark grey-green to pale grey-green, fine grained, weakly to moderately magnetic mafic volcanic. Foliated to thinly bedded.	99732	5.50	6.60	1.10	TR-5	.110	.10
			99733	8.60	9.60	1.00	TR-1	.090	.09
			99734	9.60	10.60	1.00	TR-3	.210	.21
		From 1.22 to 22.56 there are trace to 1%, 1 mm to 5 mm, quartz-carbonate amygdules elongated along foliation.	99735	12.00	13.00	1.00	TR-3	.090	.09
			99736	16.30	17.80	1.50	TR-4	.150	.10
		From 22.56 to END OF HOLE, foliated mafic volcanics are fine grained to granular.	99737	19.50	20.50	1.00	TR-2	.100	.10
			99738	23.50	24.50	1.00	TR-4	.150	.15
		This unit is moderately to strongly calcitic pervasively, and moderately chloritic.	99739	24.50	25.50	1.00	TR	.150	.15
			99740	27.00	28.00	1.00	TR-5	.120	.12
		There are 2 to 5%, 1 to 2 mm wide carbonate veins pinched along foliation at 40 to 45 degrees to the core axis. There are a few odd white to white grey quartz - carbonate veins, 5 mm to 1 cm wide at random angles, those veins contain nil to trace pyrite as fine to medium euhedral grains disseminated.	99741	31.60	32.75	1.15	NIL-TR	.149	.13
			99742	37.20	38.20	1.00	NIL-TR	.110	.11
			99743	39.20	40.20	1.00	TR-3	.160	.16
			99744	44.70	45.70	1.00	NIL-TR	.100	.10
			99745	45.70	46.30	.60	TR-4	.102	.17
		There are locally, 2 mm to 5 cm wide, grey pink, silicified hematized sericitized zones, subparallel to foliation. Those zones contain 3 to 5% pyrite as fine grained disseminations or fine stringers and trace to 1% magnetite as fine to medium euhedral grains disseminated.	99746	48.40	49.40	1.00	NIL	.130	.13
			99747	49.40	50.40	1.00	NIL	.100	.10
			99748	50.40	51.40	1.00	NIL	.100	.10
			99749	51.40	52.40	1.00	NIL	.100	.10
			99750	52.40	53.40	1.00	NIL	.090	.09
			99751	53.40	54.40	1.00	NIL	.120	.12
		There is trace to 1% pyrite as fine points or blebs disseminated and nil to trace magnetite as fine grain disseminations.	99752	54.40	55.40	1.00	NIL	.100	.10
			99753	55.40	56.40	1.00	NIL	.090	.09
			99754	56.40	57.40	1.00	NIL	.050	.05
		Foliation is well developed at 40 to 45 degrees to the core axis.	99755	57.40	58.40	1.00	NIL	.120	.12
			99756	58.40	59.40	1.00	NIL	.160	.16
		1.22 4.60 : grey-green, not amygdular section. There are 2 to 3% grey pink hematized, silicified, sericitized mineralized zones as described below. Lower contact is sharp and weakly sericitic at 30 degrees to the core axis.	99757	59.40	60.40	1.00	NIL	.120	.12
			99758	60.40	61.40	1.00	NIL	.080	.08
			99759	61.40	62.40	1.00	NIL	.070	.07
			99760	62.40	63.40	1.00	NIL	.060	.06
			99761	63.40	64.40	1.00	NIL	.040	.04

From	To	Description	Sample	From	To	Length	% Sul	BW	Au g/t
		Note : 1.55 m lost core at the collar.	99762	64.40	65.40	1.00	NIL	.020	.02
4.60	5.15	BASALT. Green, amygdular, massive to weakly foliated, unveined and barren of mineralization, weakly magnetic. Lower contact is sharp at 40 degrees to the core axis.							
5.15	5.50	: brown yellow oxidation along weakly fractured core.							
5.50	6.60	: there are 2%, 1 to 2 cm wide, grey pink hematized, sericitized, silicified, mineralized zones.							
6.60	6.61	Fault plane. Ground core. Intercalated minor gouge and gravel at 40 degrees to the core axis							
6.90	7.00	: foliation is subparallel to core axis. There is a moderate yellow brown oxidation alteration							
9.60	13.00	: trace, 0.5 to 1 cm wide, hematized, sericitized, silicified mineralized zones.							
16.30	17.75	: 1% hematized, sericitized, m silicified mineralized zones, 1 to 1.5 cm wide. There is a weak brown yellow oxidation alteration along fractures subparallel to foliation.							
19.80	19.81	Fault plane. Gouge. Fracture filling at 40 degrees to the core axis. Wallrock is hematized and silicified with 2% pyrite for 2 cm.							
20.77		- 20.84, 21.00 - 21.8 : yellow brown alteration along fractures.							
21.80	24.72	: trace to 1% silicified, hematized, sericitized mineralized sections, 1 to 4 cm wide.							
24.72	24.90	: moderately fractured core intercalated minor gouge.							
27.50	27.63	: hematized, sericitized, silicified, with one mm fracture filling by carbonate and pyrite.							
31.60	32.75	: yellow brown altered section. Upper contact is sharp crosscutting foliation at 60 degrees to the core axis. Lower contact is diffuse.							
36.75	38.20	: there are a few odd mm fractures at random angle filled with carbonate and 2 to 3% pyrite.							
38.20	44.90	: there are a few odd, 1 to 10 cm wide, hematized silicified sericitized mineralized sections along foliation.							
44.90	45.10	: yellow brown oxidized alteration, weakly fractured core. Upper contact is diffuse, lower contact crosscuts foliation at 40 degrees to the core axis.							
45.70	46.30	: silicified - hematized - sericitized zone mineralized.							
48.40	64.60	: there are 1% of mm to cm hematized silicified sericitized mineralized zones.							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
	64.60	65.15 : hematized sericitized silicified mineralized zone.							
	65.84	END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.
	title REEVES JOINT VENTURE PROPERTY CLAIM MAP
	Date: Feb. 89 | Scale: 1:32500 | N.T.S.:
	Drawn: JLB | Approved: | File: [illegible]223


Sewell Lake
N
L 34+00N
32+00N
30+00N
22+00N
P.- 798200
SR-1 (75mE, 175mN #3 post)
75m
175m
SR-2 (102mE, 125mN #3 post)
102m
125m
SR-3 (127mE, 75mN #3 post)
127m
75m
TL 25+00E
Location Sketch
Drillholes
SR-1, SR-2, SR-3
Sewell Township.
DRA 30/11/89
Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-3

Azimuth: 270.0 Section: 22+50E Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: 22+50E 30+50N

Elevation: .0

Length: 78.0 Date Started: September 22, 1989
Date Completed: September 23, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing left in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-50.0	78.03		-49.0			

----------Log Summary----------

.00 1.22 CASING.

1.22 51.15 FOLIATED BASALT.

5.85 - 5.95 fault plane.
30.70 - 31.40 fault plane.
40.70 - 40.72 fault plane.

51.15 62.25 MINERALIZED ZONE.

53.25 - 60.00 QUARTZ - FELDSPAR PORPHYRY.

62.25 78.03 FOLIATED BASALT.

78.03 END OF HOLE.

Dan R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GM	Au g/t
.00	1.22	CASING							
1.22	51.15	FOLIATED BASALT							
			99763	6.80	7.80	1.00	TR-2	.060	.06
			99764	30.00	31.00	1.00	TR	.070	.07
			99765	31.00	32.00	1.00	TR	.080	.08
			99766	33.00	34.00	1.00	TR	.060	.06
			99767	37.00	38.00	1.00	TR	.030	.03
			99768	39.70	40.70	1.00	TR	.030	.03
			99769	40.70	41.70	1.00	TR-5	.160	.16
			99770	41.70	42.70	1.00	TR-5	.170	.17
			99771	42.70	43.70	1.00	TR-5	.130	.13
			99772	43.70	44.70	1.00	TR-5	.140	.14
			99773	44.70	45.70	1.00	TR-5	.100	.10
			99774	45.70	46.70	1.00	TR-5	.120	.12
			99775	46.70	47.70	1.00	TR-5	.100	.10
			99776	47.70	48.70	1.00	TR-5	.110	.11
			99777	48.70	49.70	1.00	TR-5	.120	.12
			99778	49.70	51.15	1.45	TR-5	.131	.09

Moderately hard, dark grey-green to pale grey-green, fine grained, weakly to moderately magnetic mafic volcanic. Foliated.
There is a weak to moderate calcitic alteration pervasively and a moderately chloritic alteration.
There are 2 to 5%, 1 to 2 mm wide, white grey barren carbonate - quartz veins pinched or boudinaged along foliation at 40 to 45 degrees to the core axis. From 1.22 to 40.70 those veins are truncated by a second set of carbonate veins (5 to 10 veins / m) crosscutting foliation at 45 to 90 degrees to the core axis. They are white coloured, 2 mm to 8 mm wide, barren of mineralization.
There are a few odd 1 to 5 cm wide, white quartz calcite veins with trace - nil fine pyrite disseminated, at random angle.
There are trace to 1% very fine pyrite blebs disseminated, and trace fine euhedral magnetite grains disseminated.
Foliation is well developed at 40 to 45 degrees to the core axis.
Lower contact is sharp at 45 degrees to the core axis.

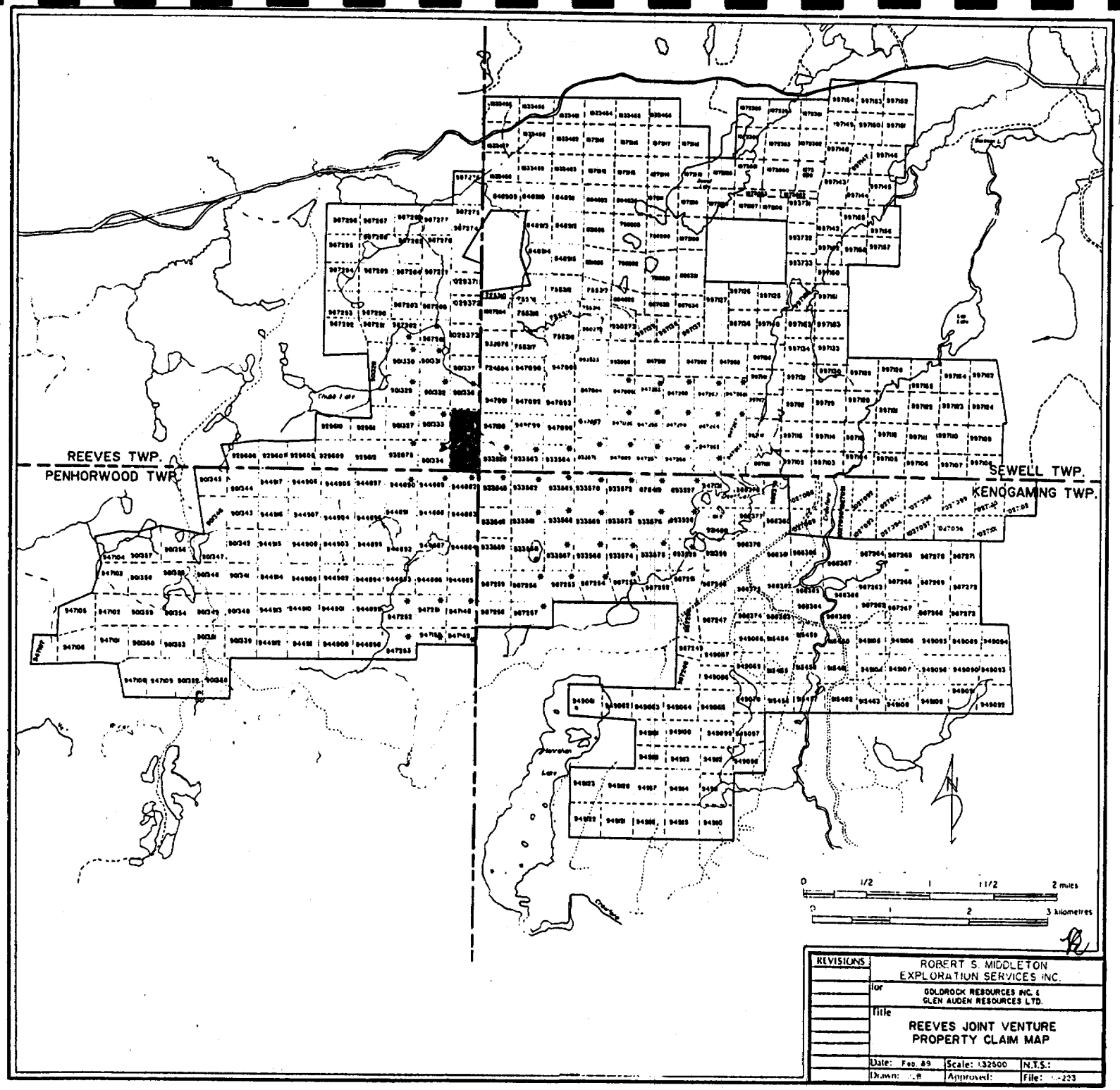
3.24 3.35 : 4.66 4.67 5.0 5.02 there are 5 to 10%, 1 to 2 mm hypidiomorphic feldspar grains elongated along foliation that may represent pillow selvages.

5.85 5.95 Fault plane. There are two mm fault plane at 15 and 45 degrees to the core axis filled with minor yellow brown oxidized gouge.

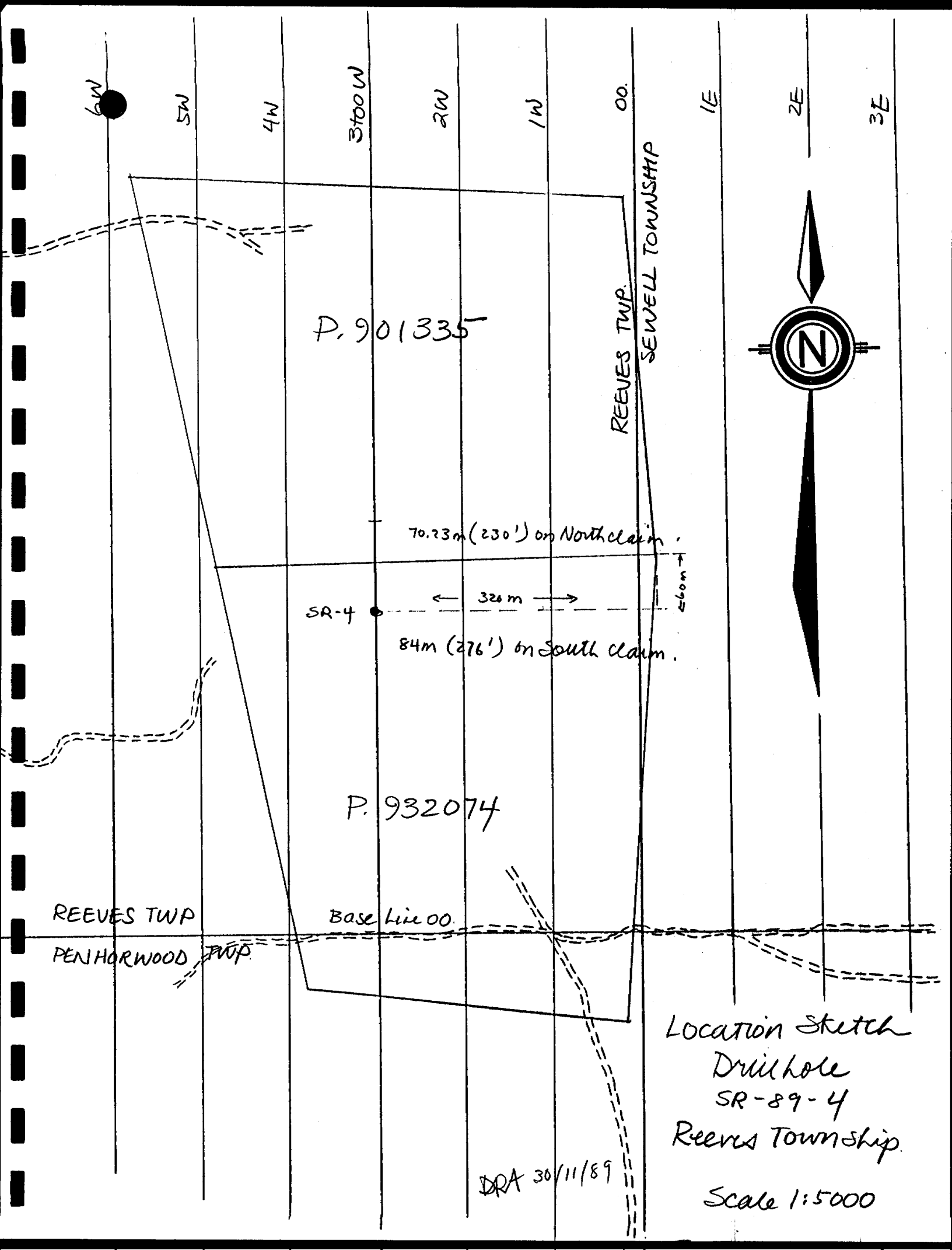
7.40 7.60 : hematized, silicified, sericitized zone with 1 to 2% pyrite, trace magnetite.

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
	30.10	30.25 : yellow brown oxidized zone.							
	30.70	31.40 Fault plane an fracture at 5 degrees to the core axis filled with hematized gouge.							
	37.15	: open joint filled with calcite and 3% pyrite.							
	40.70	51.15 : FOLIATED BASALT is intercalated with 1% (2 to 5 / m). 0.5 to 10 cm wide, well bedded hematized, silicified zones subparallel to foliation with 3 to 5% pyrite, trace to 1% magnetite.							
	40.70	40.72 Fault plane. Upper contact is faulted at 45 degrees to the core axis crosscutting foliation and marked by a 2 mm calcite vein with minor gouge.							
51.15	62.25	MINERALIZED ZONE	99779	51.15	52.15	1.00	1-4	.110	.11
			99780	52.15	53.25	1.10	1-4	.099	.09
		Silicified hematized sericitized mineralized zone.	99781	53.25	54.25	1.00	NIL-TR	.130	.13
		Hard, fine grained to very fine grained, thinly bedded, pale grey pink to beige brown, altered foliated mafic volcanic, moderately magnetic.	99782	54.25	55.25	1.00	NIL-TR	.120	.12
		Moderately silicified, weakly sericitized and hematized and weakly to moderately calcitic as patchy alteration.	99783	55.25	56.25	1.00	NIL-TR	.080	.08
		There are 1 to 3% white grey mm quartz veinspinched along foliation at 40 to 45 degrees to the core axis.	99784	56.25	57.25	1.00	NIL-TR	.100	.10
		There are 1 to 4% fine pyrite blebs or euhedral grains disseminated and trace to 1% fine hypidiomorphic magnetite grains disseminated.	99785	57.25	58.25	1.00	NIL-TR	.070	.07
		Foliation is well developed at 45 degrees to the core axis.	99786	58.25	59.25	1.00	NIL-TR	.090	.09
		Upper and lower contact are sharp at 45 degrees to the core axis.	99787	59.25	60.00	.75	NIL-TR	.053	.07
	53.25	60.00 QUARTZ - FELDSPAR PORPHYRY. Hard, medium to coarse grained, mottled grey brown to grey beige, very weakly magnetic quartz syenite. There are 55 to 60%, 1 to 4 mm hypidiomorphic feldspar phenocrysts, 2 to 5%, 1 to 2 mm xenomorphic biotite and 2 to 5%, 2 to 4 mm subrounded quartz phenocrysts. There are nil to trace mm white carbonate - quartz veins at 65 to 90 degrees to the core axis.	99788	60.00	61.00	1.00	1-4	.080	.08
		There are nil to trace very fine pyrite grains disseminated. Upper contact is subparallel to foliation at 45 degrees to the core axis, lower contact crosscuts the foliation at 60 degrees to the core axis.	99789	61.00	62.25	1.25	1-4	.162	.13

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
62.25	78.03	FOLIATED BASALT							
			99790	62.25	63.25	1.00	TR-3	.180	.18
			99791	63.25	64.25	1.00	TR-3	.150	.15
		Same as 1.22 to 51.15.	99792	65.50	66.50	1.00	TR-3	.140	.14
		Foliated mafic volcanics are intercalated with a few	99793	67.50	68.50	1.00	TR-3	.160	.16
		odd, 5 mm to 10 cm wide, hematized - silicified -	99794	68.50	69.50	1.00	TR-3	.220	.22
		sericitized mineralized zones subparallel to the	99795	69.50	70.50	1.00	TR-3	.160	.16
		foliation at 45 degrees to the core axis.	99796	70.50	71.50	1.00	TR-3	.150	.15
		There is 1% white grey to grey blue quartz veins, 5 mm	99797	71.50	72.50	1.00	TR-3	.170	.17
		to 1 cm wide, subparallel to foliation, with trace	99798	72.50	73.50	1.00	TR-3	.180	.18
		pyrite as fine euhedral grains.	99799	73.50	74.50	1.00	TR-3	.250	.25
			99800	74.50	75.50	1.00	TR-3	.170	.17
			99801	75.50	76.50	1.00	TR-3	.140	.14
		78.03 END OF HOLE.	99802	76.50	77.50	1.00	TR-3	.130	.13



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb. 89	Scale: 1:32500	N.T.S.:
	Drawn: ..R	Approved:	File: ..-223


6W
5W
4W
3100W
2W
1W
00.
1E
2E
3E
REEVES TWP.
SEWELL TOWNSHIP
N
P. 901335
70.23m (230') on North claim.
320 m
60m
SR-4
84m (276') on South claim.
P. 932074
REEVES TWP
PENHORWOOD TWP.
Base Line 00.
DRA 30/11/89
Location Sketch
Drillhole
SR-89-4
Reeves Township
Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-o[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-4

Azimuth: 360.0 Section: L3+00W Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L3+00W 3+60N

Elevation: .0

Length: 154.2 Date Started: September 28, 1989
Date Completed: October 4, 1989
Logged by: D. Alexander

Measurement: Metric

Comments: Casing pulled

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-49.0	154.23		-46.0			

----------Log Summary----------

.00 1.22 CASING.

1.22 38.52 BASALT variably veined and brecciated as surface exposure.

38.52 154.23 MAFIC VOLCANICS generally dark green, chloritic, and uniform.

64.12 - 65.06 GRANITE.
106.35 - 107.56 LAMPROPHYRE.

154.23 END OF HOLE.

Dale R Alexander
AMERICAN BARRICK RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	1.22	CASING							
1.22	38.52	BASALT							
			97001	1.22	2.00	.78	NIL	.125	.16
			97002	2.00	3.00	1.00	NIL	.130	.13
		A sequence of fine grained to very fine grained mg-rich tholeiitic basalt. In general the rock is medium to dark grey in colour with dull yellowish grey to putty coloured sections in areas of increased sericite alteration. Most of these sericitic sections are also very fine grained.	97003	3.00	4.00	1.00	NIL	.190	.19
			97004	4.00	5.00	1.00	NIL	.320	.32
			97005	5.00	6.00	1.00	TR	.170	.17
			97006	6.00	7.00	1.00	TR	.350	.35
			97007	7.00	8.00	1.00	TR	.280	.28
			97008	8.00	9.00	1.00	TR	.260	.26
		The sequence is nonmagnetic and is variably altered with chlorite, sericite and ankerite. The zone is weakly to moderately veined with up to 25% stringers of calcite - quartz very locally - average veining is 5 to 10%. Most veins are at 0 to 20 degrees to the core axis indicative of the veins noted in the trench just north of the hole. Several of the veins have some measure of smoky quartz, either as tiny brecciated fragments or as complete sugary textured veins.	97009	9.00	10.00	1.00	TR	.730	.73
			97010	10.00	11.00	1.00	NIL	.270	.27
			97011	11.00	12.00	1.00	NIL	.250	.25
			97012	12.00	13.00	1.00	NIL	.300	.30
			97013	13.00	14.00	1.00	2-3	.360	.36
			97014	14.00	15.00	1.00	TR	.360	.36
			97015	15.00	16.00	1.00	TR	.320	.32
			97016	16.00	17.00	1.00	TR	.250	.25
			97017	17.00	18.00	1.00	1-2	.180	.18
		Veins and to a lesser the wallrocks are sparsely mineralized with 1 to 2% pyrite and rare chalcopyrite. The flat vein with visible gold noted on surface is not seen in the drillhole.	97018	18.00	19.00	1.00	TR	.190	.19
			97019	19.00	20.00	1.00	TR	.200	.20
			97020	20.00	21.00	1.00	TR	.200	.20
			97021	21.00	22.00	1.00	TR	.180	.18
		The core is variably pitted and rusty due to weathering from the collar to 9.66 m.	97022	22.00	23.00	1.00	TR	.180	.18
			97023	23.00	24.00	1.00	TR	.190	.19
		The core is weakly to moderately brecciated throughout, brecciation being largely a function of veining and fracturing except around the lower contact of the system from 35.60 to 38.52 where the rock is clearly fractured and brecciated in addition to hosting some irregular veining. The sequence is weakly to moderately brecciated also from 20.0 m to 23.41 m. This brecciation being largely vein generated.	97024	24.00	25.00	1.00	NIL	.190	.19
			97025	25.00	26.00	1.00	TR	.170	.17
			97026	26.00	27.00	1.00	TR	.140	.14
			97027	27.00	28.00	1.00	TR	.120	.12
			97028	28.00	29.00	1.00	TR	.140	.14
			97029	29.00	30.00	1.00	TR	.110	.11
			97030	30.00	31.02	1.02	1-2	.122	.12
			97031	31.02	32.00	.98	TR	.118	.12

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		The section from 23.41 to 35.60 m is a medium grey to brownish grey very fine grained basalt with dull ochre to straw coloured streaks of sericite alteration most often subparallel to irregular or highly contorted veins of grey to smoky quartz and carbonate. This section is also more strongly ankeritic than previous.	97032	32.00	33.00	1.00	TR	.100	.10
			97033	33.00	34.00	1.00	TR	.130	.13
			97034	34.00	35.00	1.00	TR	.180	.18
			97035	35.00	36.00	1.00	1-2	.340	.34
			97036	36.00	37.00	1.00	TR	.130	.13
			97037	37.00	38.00	1.00	TR	.150	.15
			97038	38.00	38.52	.52	TR	.073	.14
		The core is weakly to moderately foliated at 25 to 35 degrees to the core axis.							
		The basal zone is a relatively well defined breccia with variably bleached and altered fragments of basalt up to 1 cm in size. Some of the brecciation and fracturing is vein related and there are narrow sections of massive basalt in this area. The core continues to be streaked with ochre - coloured sericite as well. Veins in this basal section are often broken and attenuated unlike some of the highly contorted to dragfolded veins seen in the overlying massive section. Traces of biotite alteration are also present in this area.							
		The lower contact is irregular with veining.							
		This overall zone appears to cover the trenched sequence seen on surface. The two largest grey quartz veins are at 30.17 - 30.22 and 30.98 - 31.02 m both of which are at 55 to 60 degrees to the core axis and without accessory mineralization.							
		35.60 38.52 Brecciated.							
38.52	154.23	MAFIC VOLCANICS							
			97039	38.52	39.52	1.00	TR	.130	.13
			97040	50.00	51.00	1.00	NIL	.130	.13
		A sequence of fine grained to very fine grained mafic volcanics. The rock varies from dull brownish grey to grey at the top of the zone and grades to dark green and much more strongly chloritic circa 62 m. The change in colour also reflects a changing alteration from sericite, chlorite and ankerite at the start of the zone to chlorite and calcite with depth. The interval across which this change occurs is finely speckled with carbonate from 44.6 to 61.4 m - the carbonate possibly representing finely altered feldspar.	97041	63.00	64.12	1.12	NIL	.112	.10
			97042	64.12	65.06	.94	TR	.103	.11
			97043	65.06	66.00	.94	NIL	.075	.08
			97044	69.50	70.50	1.00	1-2	.090	.09
			97045	81.00	82.00	1.00	TR	.150	.15
			97046	93.00	94.00	1.00	NIL	.090	.09
			97047	105.50	106.35	.85	NIL	.102	.12
			97048	106.35	107.56	1.21	NIL	.133	.11
			97049	107.56	108.50	.94	NIL	.103	.11
			97050	117.00	118.00	1.00	TR	.100	.10
			97051	131.00	132.00	1.00	NIL	.100	.10
			97052	141.00	142.00	1.00	NIL	.110	.11
		The overall zone is relatively weakly mineralized with pyrite +/- pyrrhotite.	97053	153.00	154.00	1.00	TR	.090	.09
		64.12 65.06 GRANITE. The mafic volcanics are cut by a narrow granitic dyke to quartz feldspar porphyry at 20 degrees to the core axis. The dyke is reddish grey to orangish in colour with about 50% pinkish to orangish							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t

and off white feldspar, about 30% quartz and 20% mafics as dark clots. The dyke is weakly fractured, poorly veined and very sparsely to unmineralized. Both contacts are relatively clean and sharp.

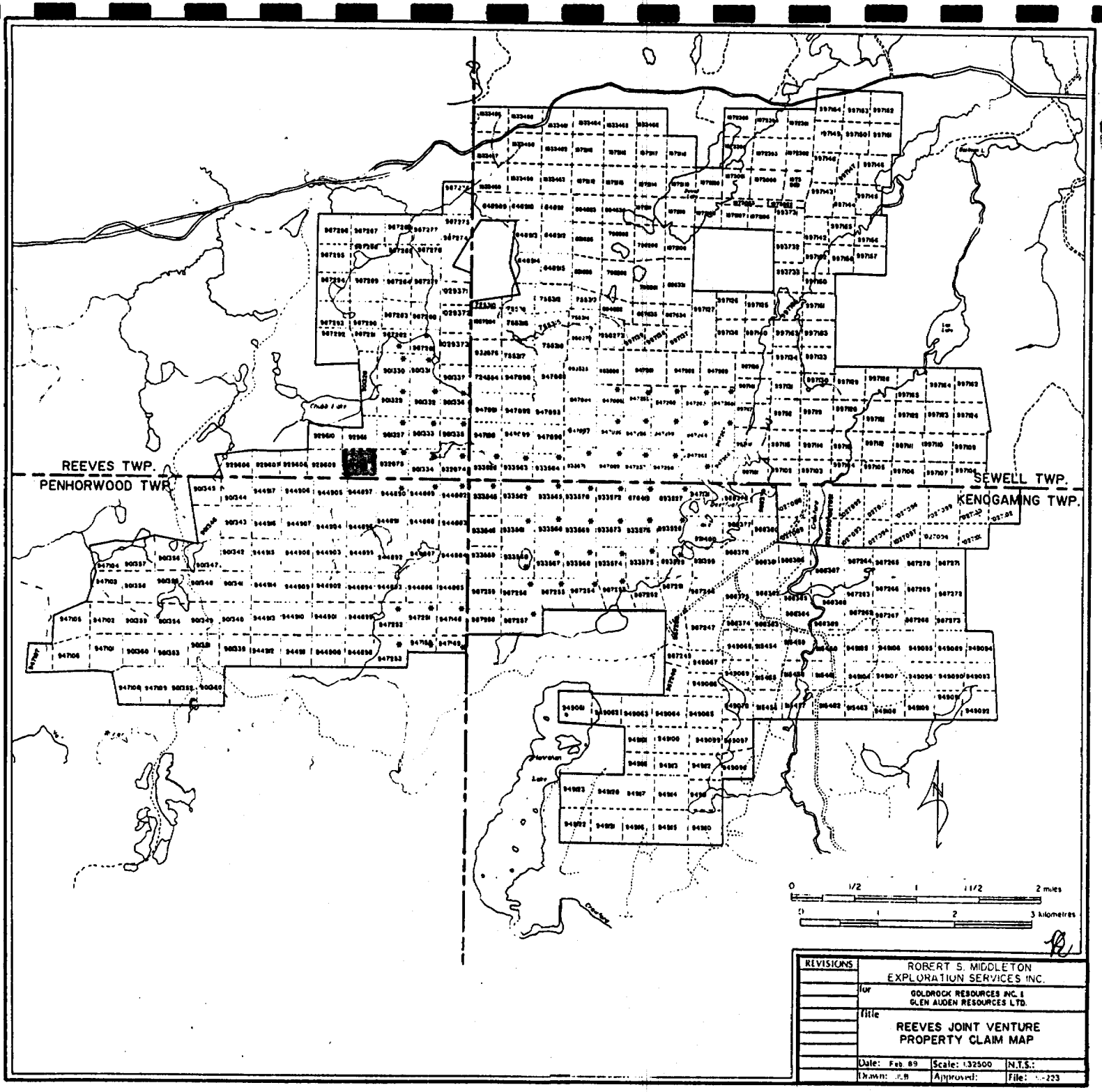
Below the dyke the rocks become relatively uniform in nature. The core is fine grained to very fine grained, medium to dark green in colour, weakly to nonfoliated at 0 to 45 degrees to the core axis and moderate to strongly calcitic. Calcite +/- quartz veining is very common in the system with an average of 10 to 15% veins in two sets - one at 0 to 25 degrees to the core axis and a second set at 35 to 45 degrees to the core axis. The shallow set locally appears younger but the relationship between the two sets is often ambiguous. The rocks are moderate to strongly altered with chlorite and calcite, and are very sparsely to unmineralized.

Circa 94.0 m the mafic volcanics begin to have a weakly spotted nature with several sections of core having numerous 1 to 2 mm sized chlorite blebs along a weakly developed foliation at 20 to 35 degrees to the core axis. The chlorite spotting continues to 125.66 where there is a weakly developed contact at 20 degrees to the core axis. This sequence may represent an individual flow on alteration associated with a dyke of LAMPROPHYRE

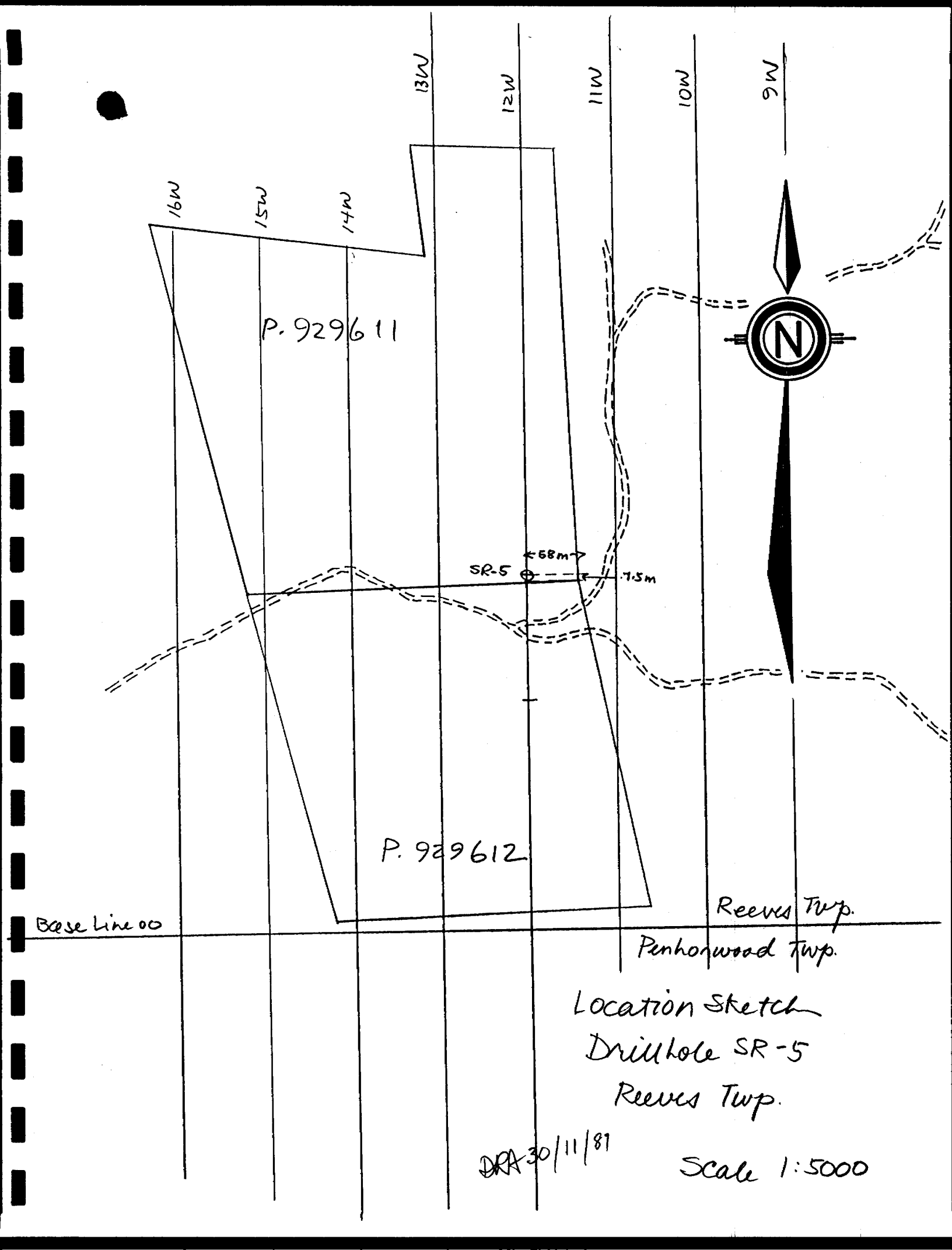
106.35 107.56 LAMPROPHYRE. A dyke of medium to coarse grained LAMPROPHYRE, characterized by mafic clots up to 8 mm in size in a pervasively biotitic and calcitic matrix. The dyke is brown in colour, moderate to strongly magnetic and is moderately fractured with stringers of calcite up to 1 cm in size. The dyke is weakly chilled with the adjacent mafic volcanics being cooked, darkened and strongly chloritized. Contacts are at 55 irregular / 35 degrees to the core axis. A similar, but very fine grained dyke occurs at 104.09 m, 16 mm in width at 32 degrees to the core axis.

The volcanics in the area remain dark green, chloritic and calcitic with more uniform massive flows again noted below the chlorite - spotted zone (after 125.66 m). Very fine grained, medium to dark green, chloritic, calcitic, nonmagnetic uniform mafic volcanics with 10 to 15% calcite - quartz veining continue to the end of the hole. Approching the end of the hole a weak foliation is present at 30 to 40 degrees to the core axis The I. P. Target of moderate strength is not explained. That may be due to the strong northerly dip here, although the I. P. Target is weak.

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
	154.23	END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb. 89	Scale: 1:32500	N.T.S.:
	Drawn: J.L.B	Approved:	File: [illegible]-223



Location Sketch
Drillhole SR-5
Reeves Twp.

DRA 30/11/81

Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co[illegible]s: .0 .0

DIAMOND DRILL RECORD

HOLE NO.: SR.89-5

Azimuth: 180.0

Section: L12+00W

Property: SEWELL-REEVES

Dip: -50.0

Core Size: BQ

Location: L12+00W 4+00N

Elevation: .0

Length: 221.3

Date Started: September 25, 1989
Date Completed: September 28, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing pulled

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-49.0	137.16		-46.0	221.28		-41.0
91.44		-48.0	182.88		-43.0			

----------Log Summary----------

.00 3.66 CASING.

3.66 101.20 SCHIST.

23.7 - 31.75 mafic intrusive.
27.5 - 30.50 DIABASE.
66.3 - 69.95 mafic intrusive.
69.95 - 73.20 MINERALIZED ZONE.
92.0 - 93.0 MINERALIZED ZONE.
94.85 - 96.23 MINERALIZED ZONE.

101.20 129.60 CHLORITE SCHIST.

129.60 221.28 BASALT.

148.9 - 148.96 fault gouge.
157.20 - 158.3 DIABASE.

221.28 END OF HOLE.

Dave R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

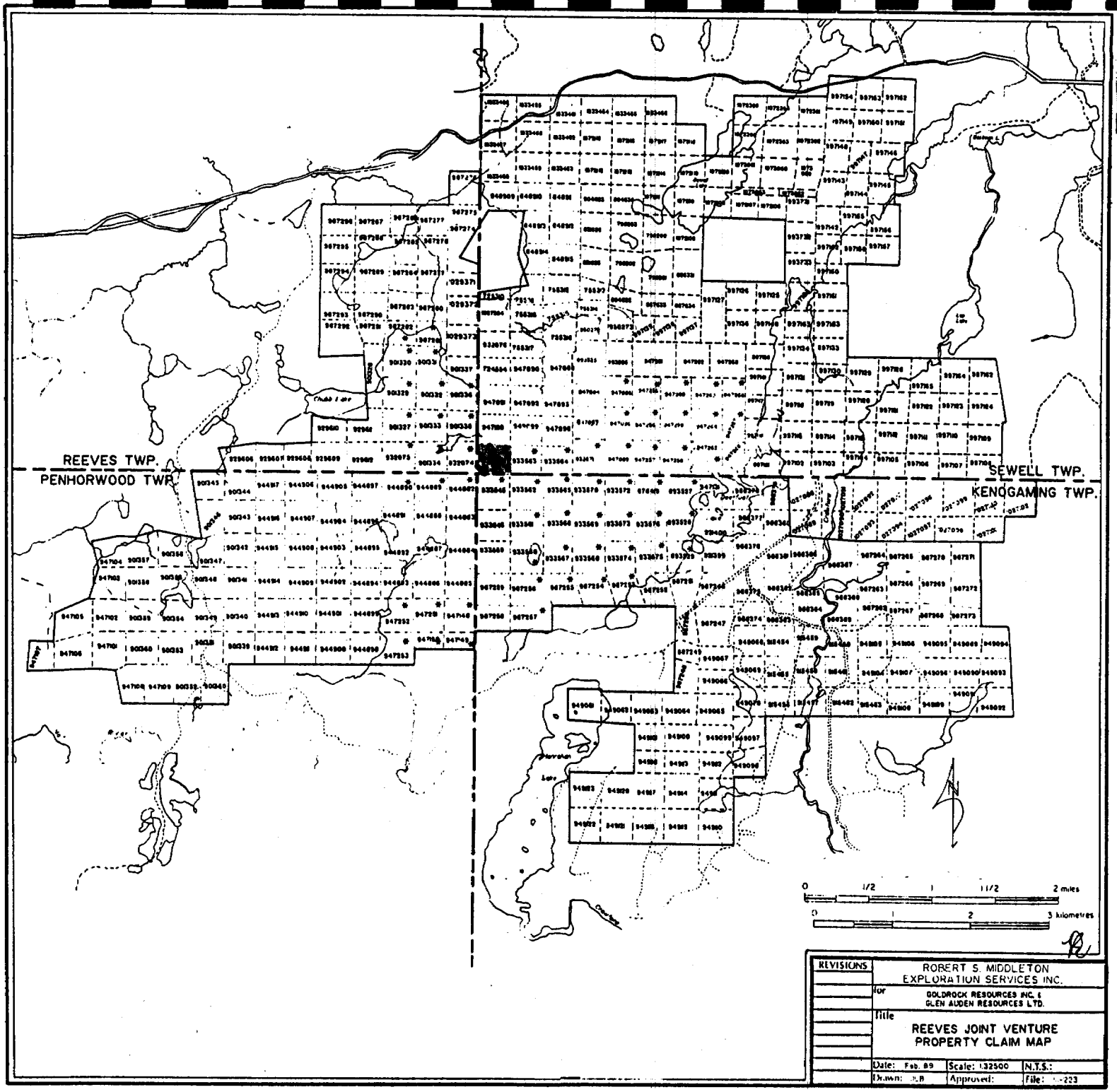
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	3.66	CASING							
3.66	101.20	SCHIST							
			99841	3.66	4.66	1.00	TR-1	.030	.03
			99842	4.66	5.66	1.00	TR-1	.030	.03
		Sericite carbonate schist.	99843	5.66	6.66	1.00	TR-1	.040	.04
		Moderately hard, pale grey to pale grey beige, fine	99844	6.66	7.66	1.00	TR-1	.030	.03
		grained, not magnetic sericite - carbonate - schist.	99845	7.66	8.66	1.00	TR-1	.040	.04
		Moderately sericitized, weakly chloritic, moderately	99846	8.66	9.66	1.00	TR-1	.030	.03
		carbonatized as ankeritic alteration with rare patchy	99847	9.66	10.66	1.00	TR-1	.040	.04
		calcitic alteration, very weakly silicified.	99848	10.66	11.66	1.00	TR-1	.130	.13
		There are trace, barren, 1 to 2 mm wide, white carbonate	99849	11.66	12.66	1.00	TR-1	.140	.14
		veins subparallel to the foliation at 50 to 55 degrees	99850	12.66	13.66	1.00	TR-1	.140	.14
		to the core axis. There are few odd mm to cm blue grey	99851	13.66	14.66	1.00	TR-1	.150	.15
		quartz calcite veins subparallel to foliation with 1%	99852	22.70	23.70	1.00	TR-1	.150	.15
		pyrite as fine grained disseminations.	99861	23.70	24.70	1.00	NIL-TR	.150	.15
		There are trace to 1% very fine pyrite blebs	99862	24.70	25.70	1.00	NIL-TR	.130	.13
		disseminated. Foliation is well developed at 50 to 55	99863	25.70	26.70	1.00	NIL-TR	.120	.12
		degrees to the core axis. Lower contact is fractured and	99864	26.70	27.50	.80	NIL-TR	.096	.12
		contains minor gouge at 45 degrees to the core axis.	99865	27.50	28.50	1.00	TR	.100	.10
		3.66 23.70 : sericite - carbonate - schist is	99866	29.50	30.50	1.00	TR	.110	.11
		intercalated with 2 to 3%, 1 cm to 10 cm	99867	30.50	31.75	1.25	NIL-TR	.138	.11
		wide, silicified to cherty zones weakly	99868	31.75	32.75	1.00	TR-1	.090	.09
		brecciated and poorly mineralized. There is	99869	32.75	33.75	1.00	TR-1	.070	.07
		trace to 1% rusty weathering along fractures	99870	35.00	36.00	1.00	TR-1	.070	.07
		subparallel to foliation or at 5 to 15	99871	41.00	42.00	1.00	TR-1	.050	.05
		degrees to the core axis.	99872	47.00	48.00	1.00	TR-1	.040	.04
		23.70 31.75 Mafic intrusive. Moderately hard, mottled	99873	50.00	51.00	1.00	TR-1	.050	.05
		grey blue to grey-green, fine grained, not	99874	65.30	66.30	1.00	TR-1	.040	.04
		magnetic, unveined. There is a moderate	99875	66.30	67.30	1.00	1	.030	.03
		chloritic alteration pervasively and a	99876	67.30	68.30	1.00	1	.040	.04
		strong calcitic alteration at the contact	99877	68.30	69.30	1.00	1	.060	.06
		with the diabase dyke. Contacts are 45 to 80	99878	69.30	69.95	.65	1	.026	.04
		degrees to the core axis. Nil to trace pyrite	99879	69.95	70.95	1.00	1-4	.050	.05
		27.50 30.50 DIABASE. Mottled grey - brown to grey green.	99880	70.95	71.95	1.00	2-4	.060	.06
		Fine grained to medium grained. Moderately	99881	71.95	73.20	1.25	2-15	.063	.05

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		magnetic diabase. Strongly calcitic, and chloritic. Upper and lower contacts are marked by a mm aphanitic chilled margin. Contacts are 50 to 45 degrees to the core axis. There is trace pyrite and pyrrhotite in fine blebs disseminated.	99882	73.20	74.20	1.00	NIL	.220	.22
			99883	74.20	75.20	1.00	NIL	.110	.11
			99884	75.20	76.20	1.00	TR	.180	.18
			99885	76.20	77.20	1.00	TR	.170	.17
			99886	77.20	78.20	1.00	TR-3	.410	.41
			99887	78.20	79.20	1.00	TR	.160	.16
31.75	66.30	: SCHIST is intercalated with a few odd decimeter to metric yellow brown oxidized alteration along fractures. SCHIST is locally very weakly brecciated.	99888	79.20	80.20	1.00	TR-8	.170	.17
			99889	80.20	81.20	1.00	TR	.200	.20
			99890	81.20	82.20	1.00	TR-2	.160	.16
			99891	82.20	83.20	1.00	TR	.110	.11
66.30	69.95	Mafic intrusive. Grey, fine grained not magnetic, mafic intrusive. Moderately chloritic, not carbonatised not veined. 1% Pyrite as medium blebs or euhedral grains disseminated. Contacts are 85 to 60 degrees to the core axis.	99892	83.20	84.20	1.00	TR	.190	.19
			99893	84.20	85.20	1.00	TR-2	.180	.18
			99894	85.20	86.20	1.00	TR	.200	.20
			99895	86.20	87.20	1.00	TR-1	.180	.18
			99896	87.20	88.20	1.00	TR	.220	.22
			99897	88.20	89.20	1.00	TR-2	.180	.18
69.95	73.20	MINERALIZED ZONE. Grey brown to grey black, very fine grained, sheared and mineralized sericite - carbonate - schist. Moderately to strongly magnetic. Weakly biotitic, moderately ankeritic, weakly sericitic. There are 1%, mm, ankerite veins pinched along foliation at 45 to 50 degrees to the core axis. There are few odd dark grey blue quartz veins at random angles. There is 1 to 15% pyrrhotite increasing downhole, as fine stringers or blebs disseminated along foliation. There is trace to 2% pyrite as fine blebs or stringers disseminated. Lower contact is 60 degrees to the core axis.	99898	89.20	90.20	1.00	TR	.180	.18
			99899	90.20	91.20	1.00	TR	.180	.18
			99900	91.20	92.00	.80	TR	.152	.19
			99901	92.00	93.00	1.00	1-10	.210	.21
			99902	93.00	94.00	1.00	TR	.210	.21
			99903	94.00	94.85	.85	TR	.136	.16
			99904	94.85	96.23	1.38	1-5	.400	.29
			99905	96.23	97.35	1.12	TR-4	.213	.19
			99906	97.35	98.25	.90	NIL	.108	.12
			99907	98.25	99.50	1.25	TR	.200	.16
			99908	99.50	100.30	.80	5-10	.192	.24
			99909	100.30	101.20	.90	TR-1	.144	.16
73.20	101.20	: pale grey beige, very weakly magnetic sericite carbonate schist with trace pyrite and pyrrhotite blebs disseminated. Schist is intercalated by 2%, 1 cm to 10 cm wide, mineralized horizons. These horizons are dark grey to grey. Thinly bedded at 45 to 55 degrees to the core axis, with minor mm graphite along foliation. There is 2 to 10% pyrrhotite, 1 to 2% pyrite as stringers or blebs.							
92.00	93.00	MINERALIZED ZONE. Weakly to strongly magnetic, moderately hard, dark grey blue to grey, very fine grained, thinly laminated to sheared, graphitic, sericitic, carbonate schist. Moderately chloritic and ankeritic with 1 to 4% mm graphitic beds along foliation at 45 to 55 degrees to the core axis. There are 1% mm ankerite quartz veins contorted. There is 1 to locally 10% pyrrhotite, and 1% pyrite as fine stringers or blebs disseminated. Contacts are 70 to 60							

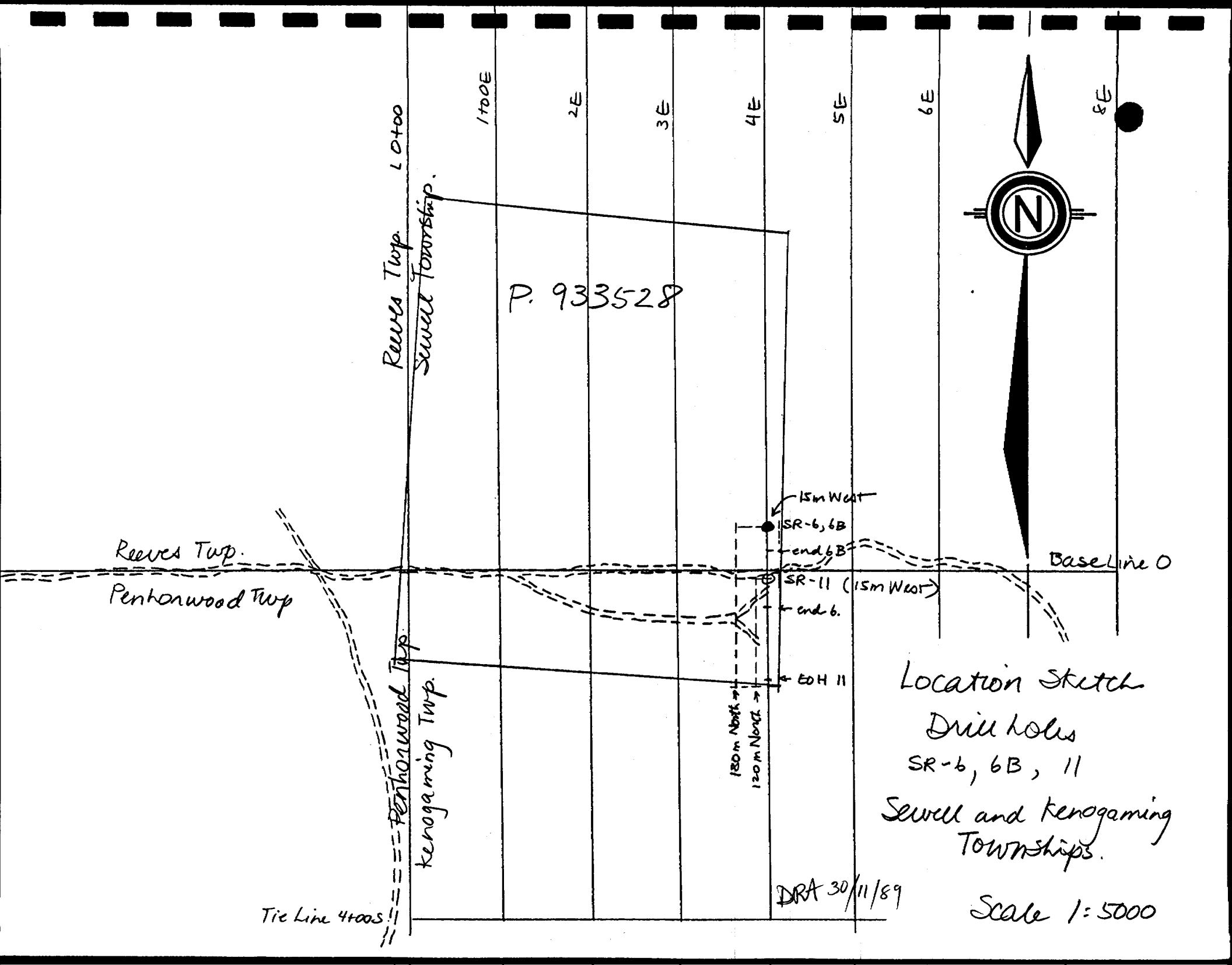
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		degrees to the core axis.							
94.85	96.23	MINERALIZED ZONE. Same as 92.0 to 93.0. There are 1 to 5% sulphides. From 95.35 to 95.90 foliation is subparallel to core axis and there is a 10 cm dark black - blue quartz vein.							
97.35	98.25	: quartz vein. Dark blue to black, barren, contacts are 35 degrees to the core axis.							
99.50	100.30	: quartz vein, dark blue to black, barren, contacts are 45 to 50 degrees to the core axis. From 99.50 to 99.70, there is 5 to 10% pyrrhotite and trace pyrite as fine blebs disseminated within thinly bedded white to grey blue quartz veins and calcite quartz veins.							
100.90	101.20	: quartz vein, dark blue to black. Contacts are 45 degrees to the core axis. 1% pyrrhotite as pods.							
101.20	129.60	CHLORITE SCHIST							
		Moderately hard pale grey to grey-green, fine grained, not magnetic. Moderately chloritic and ankeritic, locally weakly calcitic. There are 2 to 4%, 2 to 5 mm wide, ankerite quartz veins, pinched along the foliation at 50 to 75 degrees to the core axis. Foliation angle increases downhole. There is trace pyrite as fine blebs disseminated. Lower contact is 60 degrees to the core axis.	99910	101.20	102.20	1.00	TR	.180	.18
			99911	102.20	103.20	1.00	TR	.330	.33
			99912	103.20	104.20	1.00	TR	.130	.13
			99913	104.20	105.20	1.00	TR	.130	.13
			99914	105.20	106.20	1.00	TR	.120	.12
			99915	106.20	107.20	1.00	TR-10	.120	.12
			99916	107.20	108.20	1.00	TR	.130	.13
			99917	108.20	109.20	1.00	TR	.140	.14
			99918	127.60	128.60	1.00	TR	.110	.11
			99919	128.60	129.60	1.00	TR	.150	.15
101.20	107.00	: weakly sericitic chlorite schist. There is trace pyrite and pyrrhotite as fine blebs disseminated. From 106.45 to 106.70 : 10% pyrrhotite as fine stringers within a quartz calcite vein.							
126.50	129.60	: granular textured chloritic schist. There are 5%, 1 to 2 mm wide calcite veins, crosscutting foliation at 50 degrees to the core axis.							
129.60	221.28	BASALT							
			99920	129.60	130.60	1.00	TR	.120	.12
			99921	134.20	135.20	1.00	TR	.120	.12
			99922	145.00	146.00	1.00	TR	.090	.09
			99923	148.50	149.50	1.00	TR	.250	.25
			99924	156.20	157.20	1.00	TR	.160	.16
129.60	135.20	DIORITE : moderately hard, pale grey to grey green, fine grained to medium grained, granular textured, diorite not							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		magnetic. Moderately chloritic, moderately to strongly calcitic. There are 1%, 0.5 to 1 cm wide, white grey quartz calcite veins at random angle. There is trace pyrite as fine blebs disseminated. Lower contact is 85 degrees to the core axis.	99925	157.20	158.30	1.10	TR	.165	.15
			99926	158.30	159.30	1.00	TR	.190	.19
			99927	167.05	168.05	1.00	TR	.330	.33
			99928	178.57	179.57	1.00	TR	.210	.21
			99929	184.70	185.70	1.00	TR	.130	.13
			99930	186.90	187.90	1.00	NIL-TR	.200	.20
			99931	187.90	188.90	1.00	NIL-TR	.100	.10
			99932	200.00	201.00	1.00	TR	.160	.16
			99933	209.00	210.00	1.00	TR	.110	.11
			99934	215.00	216.00	1.00	TR	.120	.12
135.20	142.40	Very fine grained massive flow. Grey-green, not magnetic, moderately chloritic, weakly calcitic, there are 1 to 3%, 1 to 3 m wide carbonate veins at 70 to 75 degrees to the core axis. Trace finely disseminated pyrite.							
142.40	154.15	Fine to medium grained massive flow. (GABBRO ?) pale grey-green not magnetic, moderately chloritic, weakly to moderately calcitic, weakly bleached. There are 1%, 1 to 3 mm wide, calcite fracture fillings. Trace finely disseminated pyrite.							
148.90	148.96	Fault gouge. Fault gouge intercalated gravel. Contacts are 85 and 60 degrees to the core axis.							
154.15	182.00	Very fine grained massive flow. Hard to moderately hard, pale beige grey to pale grey, not magnetic, weakly chloritic, moderately bleached, weakly silicified, moderately to strongly calcitic. There are 1%, 1 to 5 mm wide, white grey quartz - carbonate veins. Trace finely disseminated pyrite.							
157.20	158.30	DIABASE. Moderately hard, dark grey black, medium grained, moderately magnetic. Strongly calcitic. Trace finely disseminated pyrite pyrrhotite. Contacts are marked by 20 cm aphanitic chilled margins at 45 to 50 degrees to the core axis.							
182.00	186.90	Medium grained massive flow. (GABBRO ?). Pale grey green, not magnetic, moderately chloritic, moderately calcitic as patchy alteration, weakly bleached. There are 1%, 2 to 5 mm wide, white grey quartz - carbonate veins. Trace finely disseminated pyrite.							
186.90	192.55	Very fine grained massive flow. Grey to pale green, not magnetic, moderately chloritic, weakly calcitic as patchy alteration. There is 1%, 1 to 5 mm wide calcite fracture filling and trace, mm, white grey quartz veins at random angles. Nil to trace fine pyrite disseminated.							
192.55	199.20	Fine to medium grained massive flow. Pale							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		grey-green, not magnetic, moderately chloritic, weakly to moderately calcitic, weakly bleached. There is 1%, 1 to 3 mm wide calcite fracture filling. Nil to trace finely disseminated pyrite.							
199.20	221.28	Very fine grained massive flow. Pale green beige to green grey, not magnetic, moderately calcitic as patchy alteration, locally weakly bleached. There is 1%, 1 to 3 mm wide calcite fracture filling and rare, 3 to 7 mm wide, white grey to blue grey, quartz veins at random angles. Trace pyrite as fine grains disseminated or coating fractures.							
209.85	215.20	: there is 2 to 3%, 2 to 4 mm wide, calcite fracture filling.							
221.28		END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP
	Date: Feb. 89 | Scale: 1:32500 | N.T.S.:
	Drawn: J.B | Approved: | File: [illegible]-223



Location Sketch
Drill holes
SR-6, 6B, 11
Sewell and Kenogaming
Townships.

Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-[redacted]: .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-6

Azimuth: 180.0 Section: 4+00E Property: SEWELL-REEVES

Dip: -53.0 Core Size: BQ Location: 4+00E 0+50N

Elevation: .0

Length: 145.1 Date Started: October 5, 1989
Date Completed: October 11, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing in, hole abandoned

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-50.0	137.16		-47.0			

----------Log Summary----------

.00 30.18 CASING.

30.18 94.60 FAULT ZONE mineralized.

94.60 105.52 BASALT.

94.6 - 102.6 MINERALIZED ZONE.
102.6 - 104.0 fractured zone.
104.0 - 105.52 fine grained massive flow.

105.52 145.08 Sheared BASALT.

136.1 - 137.8 mafic intrusive.
137.8 - 139.0 felsic intrusive.
139.0 - 139.95 quartz vein.
139.95 - 142.0 FOLIATED BASALT to VOLCANICLASTICS.
142.0 - 144.50 flow breccia.

145.08 END OF HOLE.

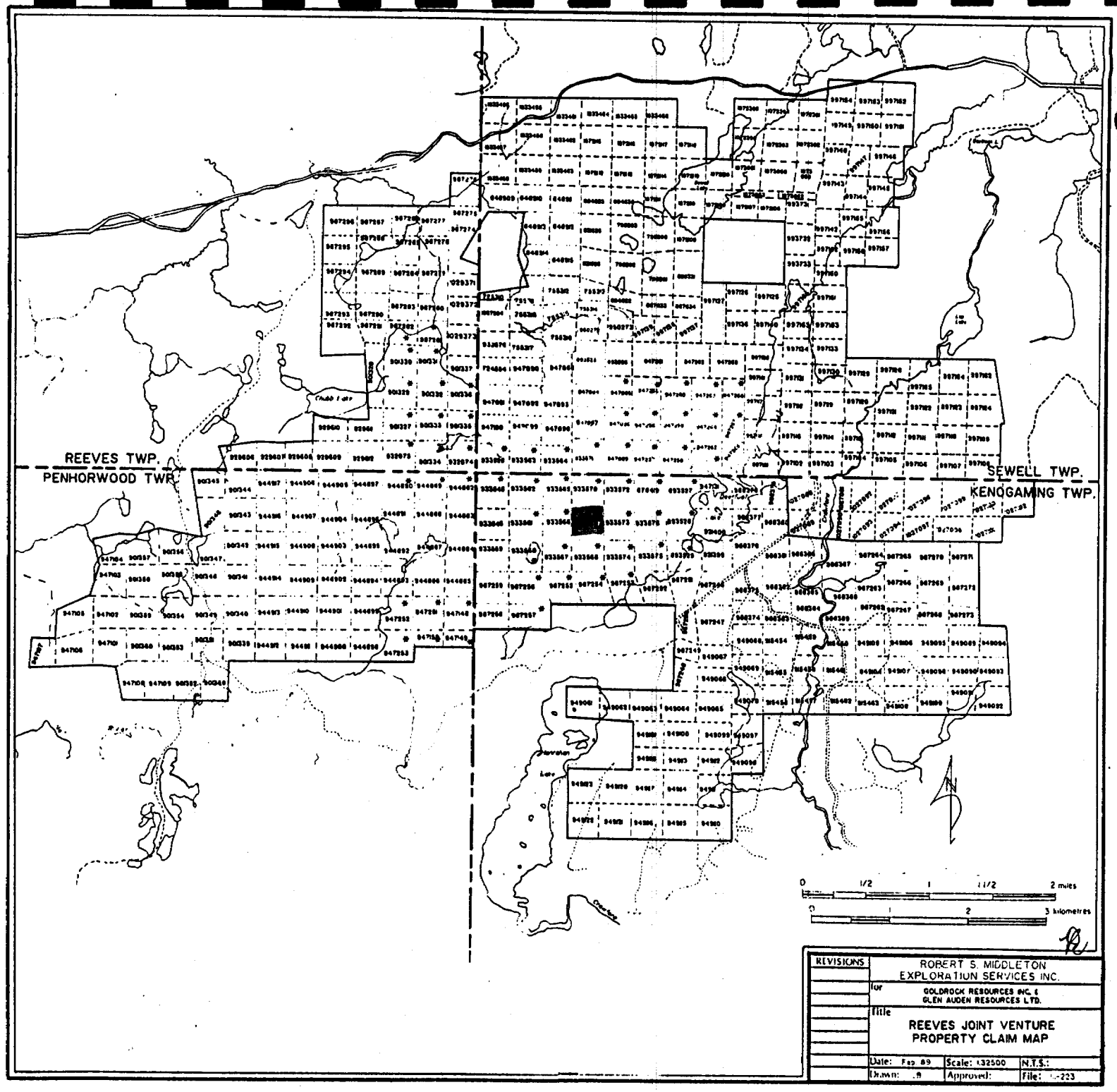
Dave R Alexander
AMERICAN BARRICK RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GM	Au g/t
.00	30.18	CASING							
		Casing driven to 31.09 m.							
30.18	94.60	FAULT ZONE							
			99935	30.18	31.18	1.00	1-3	.130	.13
			99936	31.18	32.18	1.00	1-3	.070	.07
		Mineralized.	99937	32.18	33.00	.82	1-3	.090	.11
		Moderately soft, dark grey to pale grey, fine grained, not magnetic, FOLIATED BASALT to CHLORITE SCHIST.	99938	34.60	35.60	1.00	1-3	.080	.08
			99939	35.60	36.60	1.00	1-3	.100	.10
		Strongly sheared and faulted.	99940	37.84	38.84	1.00	2-4	.100	.10
		Moderately to strongly fractured core with intercalated numerous clay-grit seams, ground core, and gouge. There are 17.94 m of lost core.	99941	38.84	39.84	1.00	1-2	.140	.14
			99942	39.84	40.84	1.00	1-2	.060	.06
			99943	40.84	41.84	1.00	2-6	.080	.08
		Strongly chloritic pervasively, weakly hematized along fractures and within cavities, moderately ankeritic as minor veins pinched along foliation. Locally yellow brown iron oxide alteration. There is a weak graphitic alteration along foliation.	99944	41.84	42.84	1.00	2-6	.070	.07
			99945	42.84	43.84	1.00	2-4	.070	.07
			99946	43.84	44.84	1.00	2-4	.180	.18
			99947	44.84	45.84	1.00	2-4	.090	.09
			99948	45.84	46.84	1.00	2-4	.060	.06
		There is 1 to 5% pyrite as fine blebs or very fine grains disseminated, also as fine stringers or pods elongated along foliation, associated with minor quartz and ankerite veins and finally as very fine euhedral grains associated with quartz and hematite filling cavities.	99949	46.84	47.84	1.00	2-4	.060	.06
			99950	47.84	48.84	1.00	2-4	.110	.11
			99951	49.34	50.34	1.00	2-4	.150	.15
			99952	50.34	51.34	1.00	2-4	.120	.12
			99953	52.94	53.94	1.00	2-4	.120	.12
			99954	55.44	56.44	1.00	2-4	.110	.11
		There are 2 to 5% very fine, barren, ankerite veins pinched or boudinaged along foliation. There are 1 to 3%, 2 mm to 1 cm wide, pinched quartz - ankerite veins mineralized.	99955	56.44	57.44	1.00	2-4	.100	.10
			99956	57.44	58.10	.66	2-4	.033	.05
			99957	61.80	62.80	1.00	TR	.070	.07
			99958	65.10	65.80	.70	TR	.049	.07
		Foliation averages 60 degrees to the core axis.	99959	67.10	68.10	1.00	TR-3	.700	.70
		30.18 42.84 : pale grey, granular texture, weakly bleached, locally iron oxide alteration, in decimeter patches.	99960	68.10	69.10	1.00	TR-3	.050	.05
			99961	69.10	70.10	1.00	1-4	.050	.05
			99962	70.40	71.40	1.00	1-3	.120	.12
		33.00 35.36 : moderately fractured core intercalated mud	99963	71.40	72.40	1.00	1-4	.120	.12

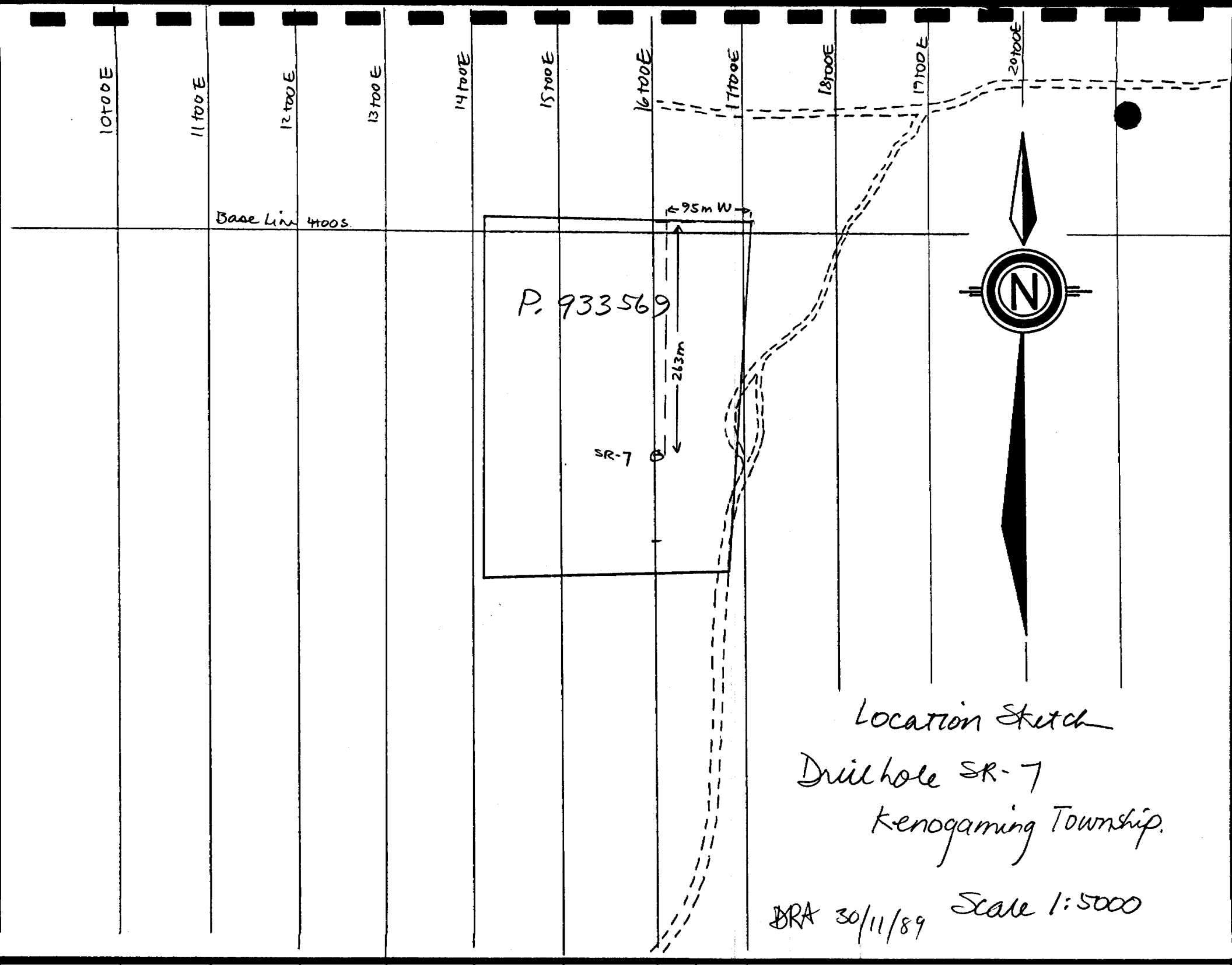
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		and gravel, 1.60 m lost core.	99964	72.80	73.80	1.00	1-2	.130	.13
35.36	38.40	: moderately fractured core intercalated gravel, 1.24 m lost core.	99965	73.80	74.80	1.00	1-2	.120	.12
			99966	74.80	75.80	1.00	1	.130	.13
38.84	42.84	: weakly to moderately fractured core intercalated minor gravel.	99967	77.30	78.30	1.00	1-2	.120	.12
			99968	79.70	80.70	1.00	1-3	.140	.14
42.84	94.60	: dark grey to pale grey weakly graphitic, moderately fractured to strongly fractured core intercalated ground core and minor clay-grit seams.	99969	80.70	81.70	1.00	1-4	.120	.12
			99970	81.70	82.70	1.00	1-3	.220	.22
			99971	82.70	83.70	1.00	2	.120	.12
			99972	83.70	84.70	1.00	1-2	.120	.12
47.50	50.60	: 50 cm lost core.	99973	84.70	85.70	1.00	TR-1	.050	.05
50.60	53.60	: 1.6 m lost core.	99974	86.00	87.00	1.00	1-3	.070	.07
53.60	56.70	: 1.5 m lost core.	99975	87.00	88.00	1.00	2-4	.050	.05
56.70	59.70	: 1.6 m lost core.	99976	88.00	89.00	1.00	2-6	.070	.07
59.70	62.80	: clay-grit seam, 2.1 m lost core.	99977	89.00	90.00	1.00	2-6	.070	.07
62.80	65.80	: ground core intercalated mud, 2.3 m lost core.	99978	90.00	91.00	1.00	2-6	.050	.05
			99979	91.00	92.00	1.00	2-6	.040	.04
65.80	68.90	: highly fractured core intercalated minor ground core, 1.30 m lost core.	99980	92.00	93.00	1.00	2-6	.050	.05
			99981	93.00	94.30	1.30	2-6	.078	.06
68.90	71.90	: moderately fractured core, 0.30 m lost core							
71.90	75.00	: moderately fractured core intercalated ground core, 0.40 m lost core.							
75.00	78.00	: 1.5 m lost core.							
78.00	81.10	: 1.4 m lost core.							
93.30	94.60	: 30 cm lost core.							
94.60	105.52	BASALT							
			99982	94.60	95.60	1.00	2-4	.040	.04
			99983	95.60	96.60	1.00	2-8	.030	.03
94.60	102.60	MINERALIZED ZONE. Fine grained, pale grey to grey brown, moderately hard, not magnetic, weakly foliated mafic volcanic. Moderately chloritic and calcitic, weakly sericitic. There is 1 to 10% pyrite as blebs or stringers elongated at 45 to 65 degrees to the core axis. Foliation is weakly developed at 50 to 60 degrees to the core axis.	99984	96.60	97.60	1.00	2-5	.100	.10
			99985	97.60	98.60	1.00	3-10	.110	.11
			99986	98.60	99.60	1.00	3-10	.070	.07
			99987	99.60	100.60	1.00	1-4	.070	.07
			99988	100.60	101.60	1.00	1-3	.080	.08
			99989	101.60	102.60	1.00	1-3	.060	.06
			99990	102.60	104.00	1.40	TR-2	.126	.09
			99991	104.00	105.52	1.52	TR-2	.182	.12
102.60	104.00	Fractured zone. Fine grained, pale grey to grey brown, moderately hard, not magnetic, weakly foliated mafic volcanic. Moderately chloritic and calcitic, weakly sericitic. Trace to 2% pyrite. Strongly fractured core.							
104.00	105.52	Fine grained massive flow. Fine grained, pale grey to grey brown, moderately hard, not magnetic, weakly foliated mafic volcanic. Moderately chloritic and calcitic, weakly to moderately sericitic.							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		Trace to 2% pyrite.							
105.52	145.08	SHEARED BASALT							
			99992	105.52	106.52	1.00	1-4	.060	.06
			99993	106.52	107.52	1.00	1-4	.140	.14
		Pale grey to grey brown, moderately hard, fine grained, not magnetic, sheared and folded mafic volcanic.	99994	107.52	108.52	1.00	1-4	.180	.18
		Moderately chloritic and calcitic, moderately sericitic as mm to cm bands subparallel to foliation.	99995	108.52	109.52	1.00	1-4	.040	.04
		There are 1 to 5%, 2 mm to 1.5 cm wide white calcite veins, pinched or brecciated along foliation, these veins are mineralized.	99996	109.52	110.52	1.00	1-4	.080	.08
			99997	110.52	111.52	1.00	1-4	.100	.10
			99998	111.52	112.52	1.00	1-4	.120	.12
			99999	112.52	113.52	1.00	1-4	.120	.12
			100000	113.52	114.52	1.00	1-4	.130	.13
		There is 1 to 4% pyrite, locally up to 5%, as fine blebs or stringers or nodules within calcite quartz veins.	97501	114.52	115.52	1.00	1-4	.050	.05
			97502	115.52	116.52	1.00	1-4	.050	.05
		Foliation averages 60 degrees to the core axis but is frequently contorted. Common crenulations are crosscutting foliation at 40 to 50 degrees to the core axis.	97503	116.52	117.52	1.00	1-4	.070	.07
			97504	117.52	118.52	1.00	1-4	.100	.10
			97505	118.52	119.52	1.00	1-4	.060	.06
			97506	119.52	120.52	1.00	1-4	.090	.09
128.52	136.10	: weakly magnetic, trace very fine magnetite grains disseminated.	97507	120.52	121.52	1.00	1-4	.050	.05
			97508	121.52	122.52	1.00	1-4	.060	.06
136.10	137.80	Mafic intrusive. Moderately hard, dark grey, fine grained, not magnetic, mafic intrusive. Moderately chloritic, poorly veined, trace pyrite as fine euhedral grains disseminated. Contacts are 80 to 85 degrees to the core axis.	97509	122.52	123.52	1.00	1-4	.070	.07
			97510	123.52	124.52	1.00	2-5	.090	.09
			97511	124.52	125.52	1.00	2-5	.060	.06
			97512	125.52	126.52	1.00	2-5	.100	.10
			97513	126.52	127.52	1.00	2-5	.180	.18
			97514	127.52	128.52	1.00	2-5	.130	.13
137.80	139.00	Felsic intrusive. Pale beige, very fine grained to aphanitic not magnetic, felsic intrusive.	97515	128.53	129.52	.99	2-5	.079	.08
			97516	129.52	130.52	1.00	1-3	.040	.04
			97517	130.52	131.52	1.00	1-3	.030	.03
		Moderately to strongly sericitic, poorly veined. Trace very fine pyrite disseminated. 1 to 4%, 2 to 4 mm quartz eyes. Lower contact is veined at 65 degrees to the core axis.	97518	131.52	132.52	1.00	1-3	.060	.06
			97519	132.52	133.52	1.00	1-3	.080	.08
			97520	133.52	134.52	1.00	1-4	.070	.07
			97521	134.52	135.52	1.00	1-3	.040	.04
			97522	135.52	136.10	.58	1-3	.128	.22
139.00	139.95	Quartz vein. Hard, grey blue not magnetic, quartz vein, 1% very fine pyrite disseminated, intercalated 10 to 15% subangular sericitic fragments.	97523	136.10	137.10	1.00	TR	.310	.31
			97524	137.10	137.80	.70	TR	.189	.27
			97525	137.80	139.00	1.20	TR	.108	.09
			97526	139.00	139.95	.95	1	.123	.13
139.95	142.00	FOLIATED BASALT to VOLCANICLASTICS. Moderately hard, fine grained, weakly magnetic, foliated to thinly bedded. Weakly chloritic and ankeritic, moderately sericitic. There are 1 to 3% ankerite quartz veins and 1% white cm quartz veins. There is 1 to 2% very fine pyrite disseminated and trace magnetite. Foliation is 60 degrees to the core axis.	97527	139.95	141.00	1.05	1-2	.105	.10
			97528	141.00	142.00	1.00	1-2	.080	.08
			97529	142.00	143.00	1.00	TR-1	.070	.07
			97530	143.00	144.50	1.50	TR-1	.150	.10
			97531	144.50	145.08	.58	1-3	.023	.04
141.65	142.00	: dark blue grey quartz vein, 1% pyrite.							
142.00	144.50	Flow breccia. Moderately hard, pale grey							

From	To	Description	Sample	From	To	Length	% Sul	SW	Au g/t
		to grey, weakly magnetic. Weakly silicified and sericitized. Poorly veined. Trace very fine pyrite, pyrrhotite disseminated with local pyrrhotite blebs.							
144.50	145.08	: sheared BASALT, weakly magnetic, trace to 1% pyrite, pyrrhotite, disseminated with local pyrrhotite blebs.							
145.08		END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb 89	Scale: 1:32500	N.T.S.:
	Drawn: .B	Approved:	File: [illegible]-223



Location Sketch

Drillhole SR-7

Kenogaming Township.

DRA 30/11/89 Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-or[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-7

Azimuth: 180.0 Section: L16+00E Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L16+00E 6+50S

Elevation: .0

Length: 154.2 Date Started: October 18, 1989
Date Completed: October 19, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing pulled

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-50.0	91.44		-49.0	154.23		-47.0

----------Log Summary----------

.00 6.25 CASING.

6.25 84.80 BASALT weakly foliated.

84.80 101.96 BASALT weakly foliated, locally brecciated.

86.98 - 87.82 brecciated.
88.45 - 89.20 brecciated.
93.45 - 93.72 brecciated.
98.20 - 98.60 brecciated.

101.96 109.75 BASALT sericitized.

109.75 125.00 BASALT.

119.35 - 119.80 mafic tuff.

123.00 132.90 FOLIATED BASALT.

132.90 138.90 BASALT.

138.90 154.23 BASALT moderately foliated.

154.23 END OF HOLE.

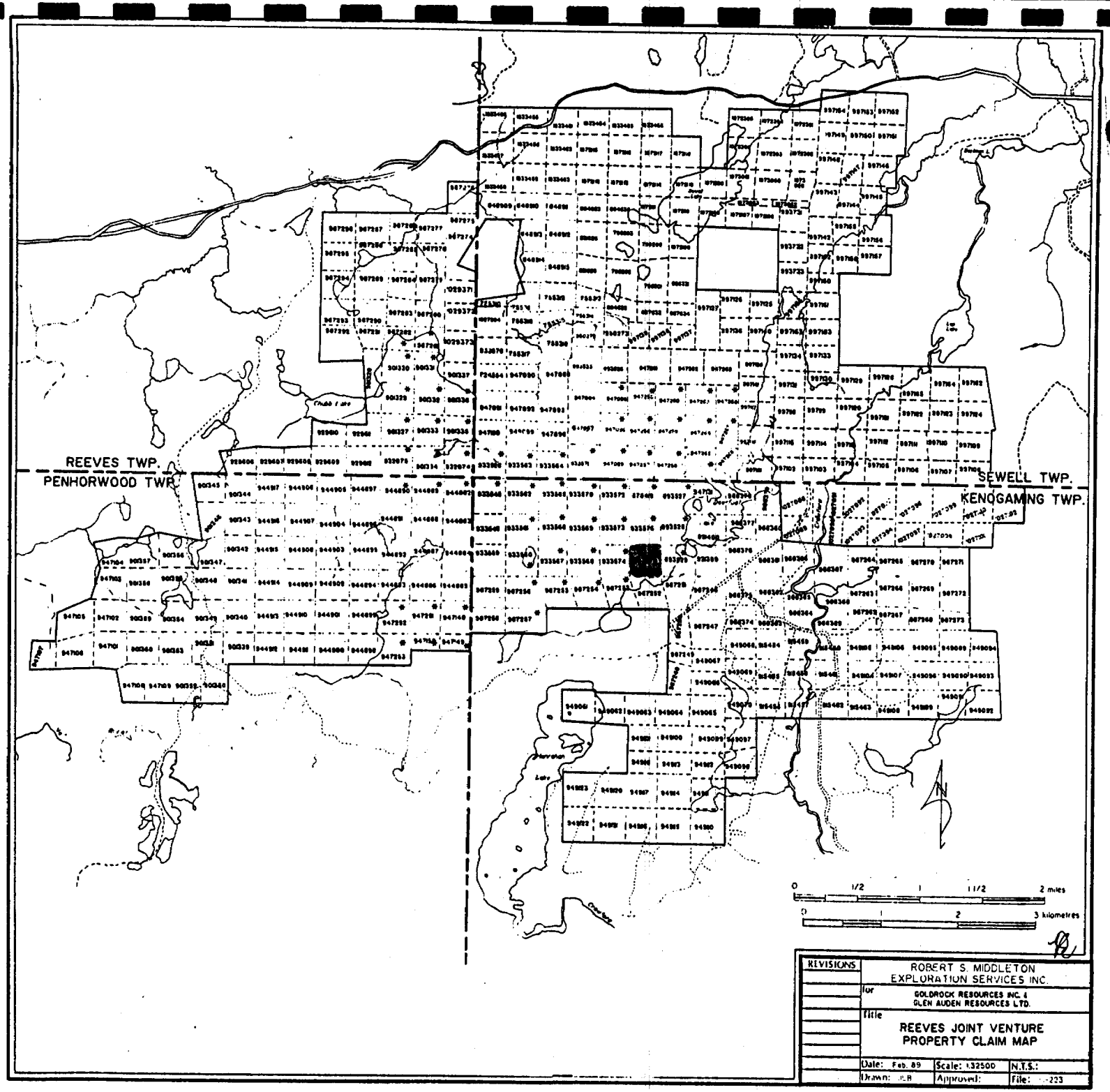
Dave R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	6.25	CASING							
		Casing driven to 6.71 m.							
6.25	84.80	BASALT							
			97184	16.00	17.00	1.00	TR	.090	.09
			97185	38.50	39.50	1.00	TR	.230	.23
		Weakly foliated.	97186	55.50	56.50	1.00	TR	.130	.13
		Green to green grey, fine grained, not magnetic, weakly foliated mafic volcanic, moderately soft.	97187	58.50	59.50	1.00	TR	.160	.16
		Strongly chloritic, moderately to strongly calcitic pervasively.	97188	66.10	67.10	1.00	TR	.040	.04
		There are 2 to 4%, 1 mm to 6 mm wide, calcite veins as fracture filling or subparallel to the weakly developed foliation. There are rare odds mm to cm white quartz veins at random angle.	97189	82.80	83.80	1.00	TR	.060	.06
			97190	83.80	84.80	1.00	TR	.090	.09
		There is trace pyrite as fine grains or blebs disseminated							
		There is a weak foliation at 60 to 70 degrees to the core axis.							
		55.73 55.74 : mm gouge plane crosscutting foliation at 65 degrees to the core axis.							
		66.35 67.10 : fracture plane subparallel to core axis.							
		67.10 74.98 : trace hematite alteration filling fractures							
		80.80 84.80 : grey green to pale grey green, pervasively weakly bleached section. Weakly brecciated from 84.40 to 84.80. Lower contact is 75 degrees to the core axis.							
84.80	101.96	BASALT							
			97191	84.80	85.45	.65	1-2	.045	.07
			97192	85.45	86.45	1.00	TR	.080	.08
		Weakly foliated, locally brecciated.	97193	86.45	87.45	1.00	TR	.080	.08
		Moderately hard, dark grey to grey, very fine grained,	97194	87.45	88.45	1.00	TR-1	.080	.08

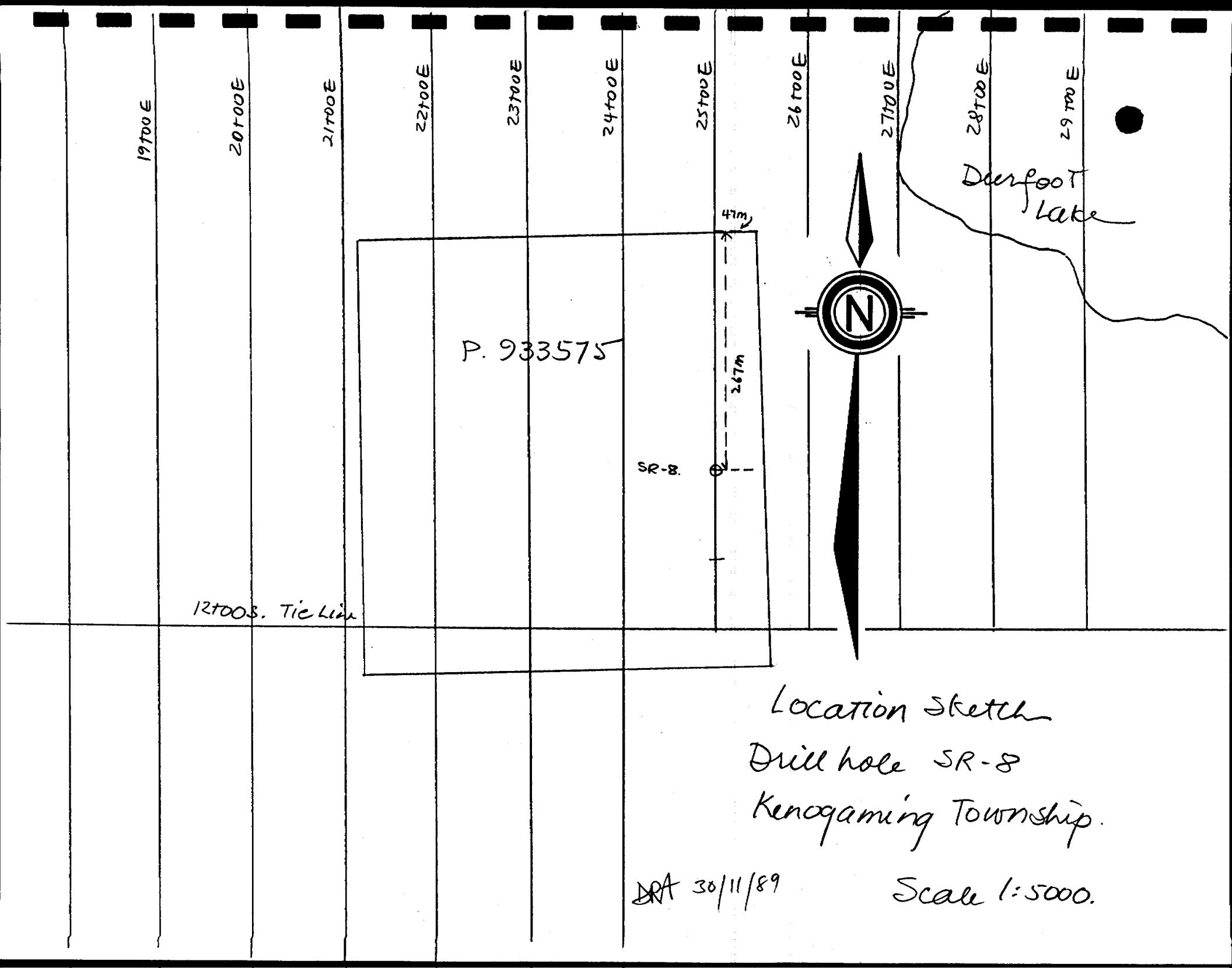
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		very weakly foliated to locally brecciated mafic volcanic, locally weakly magnetic.	97195	88.45	89.45	1.00	TR-2	.070	.07
		Moderately chloritic and carbonatized, mostly as ankeritic alteration, weakly sericitic pyritic.	97196	89.45	90.45	1.00	TR-2	.230	.23
		This unit is poorly veined overall. There are 3 to 5% subangular, 3 mm to 1 cm wide, ankerite vein fragments within the brecciated sections.	97197	90.45	91.45	1.00	TR-1	.090	.09
		There is traces to locally 2% pyrite as fine blebs disseminated and rare traces of pyrrhotite. Foliation averages 50 to 55 degrees to the core axis.	97198	91.45	92.45	1.00	TR-1	.090	.09
		84.80 85.45 : quartz vein, dark blue grey, 1 to 2% pyrite, not magnetic, contacts are 75 and 70 degrees to the core axis.	97199	92.45	93.45	1.00	TR	.090	.09
		86.98 87.82 Brecciated.	97200	93.45	94.45	1.00	TR-1	.200	.20
		88.54 89.20 Brecciated.	97201	94.45	95.45	1.00	TR	.490	.49
		93.45 93.72 Brecciated.	97202	98.00	99.00	1.00	TR	.280	.28
		98.20 98.60 Brecciated foliation is subparallel to core axis.	97203	100.00	101.00	1.00	TR	.080	.08
		100.56 100.90 : blue grey quartz vein brecciated. Barren of mineralization.	97204	101.00	101.96	.96	TR	.067	.07
101.96	109.75	BASALT	97205	101.96	102.96	1.00	TR	.140	.14
			97206	104.00	105.00	1.00	TR	.070	.07
		Sericitized.	97207	108.75	109.75	1.00	TR	.060	.06
		Moderately hard, pale beige grey, very fine grained, weakly to moderately foliated sericitized mafic volcanic not magnetic.							
		Weakly to moderately chloritic, moderately ankeritic, moderately to strongly sericitic.							
		There are 1 to 3%, 3 to 5 mm wide ankerite quartz veins pinched along foliation averaging 50 to 60 degrees to the core axis. There are trace to 1% white grey, mm to cm quartz veins subparallel to foliation.							
		There are rare traces of disseminated pyrite.							
		104.34 104.84 : pale grey to dark grey, moderately chloritic section.							
		104.79 104.80 : fracture plane filled with gouge at 80 degrees to the core axis.							
109.75	123.00	BASALT	97208	109.75	110.75	1.00	NIL-TR	.060	.06
			97209	122.00	123.00	1.00	NIL	.050	.05
		Moderately soft, green grey spotted by numerous white grey specks, not magnetic, massive to weakly foliated flow to medium grained mafic volcanic.							

From	To	Description	Sample	From	To	Length	% Sul	BW	Au g/t
		Strongly chloritic, moderately carbonatized. There are trace to 1% very fine phlogopite flakes disseminated. There are 1%, 1 to 5 mm wide calcite veinsand or ankerite veins filling fractures and subparallel to the weakly developed foliation at 50 to 60 degrees to the core axis. There are a few odd mm to cm white quartz calcite veins at random angles. This unit contains 10 to 15% fine carbonate specks, possibly representing finely altered feldspar. There is nil to trace pyrite as very fine grains disseminated.							
		118.35 119.80 Mafic tuff. Moderately hard, green to grey-green, very fine grained, locally weakly magnetic, thinly bedded at 60 degrees to the core axis strongly chloritic moderately to strongly calcitic. There are 1 to 3% quartz calcite veins along bedding, 2 to 5 mm wide. There are nil to trace very fine magnetite grains disseminated. Contacts are 60 degrees to the core axis.							
		121.70 123.00 : pale green grey, weakly bleached.							
123.00	132.90	FOLIATED BASALT							
		Moderately hard alternating grey, beige grey and grey green, fine grained, not magnetic, foliated mafic volcanic. Moderately chloritic and carbonatized pervasively. Moderately sericitized as 2 mm to 2 cm wide bands subparallel to foliation. Both contacts are poorly sericitized and veined for the first 1 to 2 metres. There are 10 to 15% ankerite quartz veins, 3 to 5 mm wide, foraing truncated lamellae subparallel to foliation strongly developed at 60 degrees to the core axis. There is nil to trace pyrite as fine blebs disseminated.	97210	123.00	124.00	1.00	NIL-TR	.140	.14
			97211	124.00	125.00	1.00	NIL-TR	.040	.04
			97212	125.00	126.00	1.00	NIL-TR	.060	.06
			97213	126.00	127.00	1.00	NIL-TR	.040	.04
			97214	127.00	128.00	1.00	NIL-TR	.050	.05
			97215	128.00	129.00	1.00	NIL-TR	.090	.09
			97216	129.00	130.00	1.00	NIL-TR	.070	.07
			97217	130.00	131.00	1.00	NIL-TR	.050	.05
			97218	131.00	132.00	1.00	NIL-TR	.090	.09
			97219	132.00	132.90	.90	NIL-TR	.072	.08
		123.00 124.80 : upper contact zone is weakly sericitized and poorly veined.							
		131.60 132.90 : lower contact zone is weakly sericitized and contains 1 to 4% ankerite quartz veins.							
132.90	138.90	BASALT							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		Moderately hard, fine grained, dark green, spotted by numerous white grey specks, not magnetic, massive to weakly foliated. Strongly chloritic, moderately carbonatized. There are trace 1%, 1 to 2 mm wide quartz calcite veins filling fractures or subparallel to the locally weakly developed foliation at 65 degrees to the core axis. There are 1 to 15%, fine carbonate specks possibly representing finely altered feldspar. There is nil to trace pyrite as very fine euhedral grains disseminated. Both contacts are gradational and are weakly foliated for approximately one metre.							
138.90	154.23	BASALT							
			97220	145.80	146.80	1.00	TR	.120	.12
		Moderately foliated. Moderately hard, fine grained, pale grey green to pale grey beige, not magnetic moderately foliated mafic volcanic. Strongly chloritic pervasively, moderately carbonatized, locally weakly bleached and sericitized. There are 3 to 5%, 2 mm to 5 mm wide, ankerite calcite quartz veins pinched along foliation at 70 degrees to the core axis. There are a few odd mm to cm quartz calcite veins as filling fractures. There is nil to trace pyrite as fine blebs disseminated. 138.90 150.35 : there are 1 to 10%, fine carbonate specks							
	154.23	END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb. 89	Scale: 1:32500	N.T.S.:
	Drawn: R.B	Approved:	File: [illegible]223



Location Sketch
Drill hole SR-8
Kenogaming Township.

DRA 30/11/89

Scale 1:5000.

AMERICAN BARRICK RESOURCES CORPORATION

Co-[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-8

Azimuth: 180.0 Section: L25+00E Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L25+00E 10+25S

Elevation: .0

Length: 154.2 Date Started: October 20, 1989
Date Completed: October 22, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing pulled

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-50.0	91.44		-51.0	154.23		-51.0

----------Log Summary----------

.00 9.85 CASING.

9.85 40.35 BASALT.
20.40 - 20.92 ALBITITE.
35.35 - 36.52 ALBITITE.
38.50 - 40.35 ALBITITE.

40.35 68.50 ULTRAMAFIC.
40.50 - 40.90 fault zone.
43.35 - 47.20 ALBITITE.
46.80 - 47.20 brecciated.
47.20 - 55.0 FAULT ZONE.
51.80 - 53.90 ALBITITE.
61.63 - 61.85 fault zone.

68.60 79.50 OXIDE IRON FORMATION.

79.50 101.40 BASALT.

101.40 130.40 ULTRAMAFIC.
102.3 - 103.73 quartz vein.
105.0 - 105.04 fault plane.
107.01 - 117.73 felsic intrusive.

130.40 145.54 Felsic intrusive.
131.02 - 131.52 brecciated.
144.65 - 145.54 brecciated.

145.54 154.23 Altered BASALT.
145.54 - 152.25 BASALT brecciated.
152.25 - 154.23 BASALT weakly foliated.

Dave R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		154.23 END OF HOLE.							
.00	9.85	CASING							
		Casing driven to 10.36 m.							
9.85	40.35	BASALT							
		Moderately hard, fine grained, dark grey to greenish-grey, not magnetic mafic volcanic. Strongly chloritic, weakly to moderately carbonatized, very weakly hematized as fracture fillings. There are 1 to 5%, 1 to 5 mm wide, pale white greenish grey, ankerite quartz veins weakly epidotized and locally weakly hematized. There is trace pyrite as fine euhedral grains disseminated.	97221	19.40	20.40	1.00	TR	.170	.17
			97222	20.40	20.92	.52	NIL-TR	.187	.36
			97223	20.92	21.92	1.00	TR	.040	.04
			97224	26.00	27.00	1.00	TR-1	.090	.09
			97225	30.85	31.85	1.00	TR	.100	.10
			97226	31.85	32.85	1.00	TR	.080	.08
			97227	32.85	33.85	1.00	TR	.070	.07
			97228	33.85	34.85	1.00	TR	.010	.01
			97229	34.85	35.35	.50	TR	.020	.04
			97230	35.35	36.52	1.17	TR	.035	.03
			97231	36.52	37.85	1.33	TR	.106	.08
			97232	37.85	38.50	.65	TR	.065	.10
			97233	38.50	39.50	1.00	TR	.070	.07
			97234	39.50	40.35	.85	TR	.068	.08
		20.40 20.92 ALBITITE. Hard, light grey pink, nonmagnetic aphanitic ALBITITE. There are 10 to 25% mm albite phenocrysts. There is nil to trace pyrite as fine grains disseminated. Contacts are sharp at 40 to 55 degrees to the core axis. From 20.50 to 20.78 ALBITITE is cut by a brecciated white pink quartz calcite vein that host cm mafic angular clasts.							
		29.60 30.85 : fine grained to medium grained mafic volcanic. There are 5%, 1 to 3 mm chloritic clasts.							
		30.85 35.35 : weak and patchy sericitic and hematitic alteration through the mafic volcanic.							
		35.35 36.52 ALBITITE. Hard light grey brown, aphanitic ALBITITE, nonmagnetic. There are 5 to 10%, 1 to 2 mm wide albite phenocrysts. There is trace pyrite as fine euhedral grains disseminated. Contacts are sharp at 45 to 50 degrees to the core axis. Both contacts are marked by a 5 cm wide foliated and talcose							

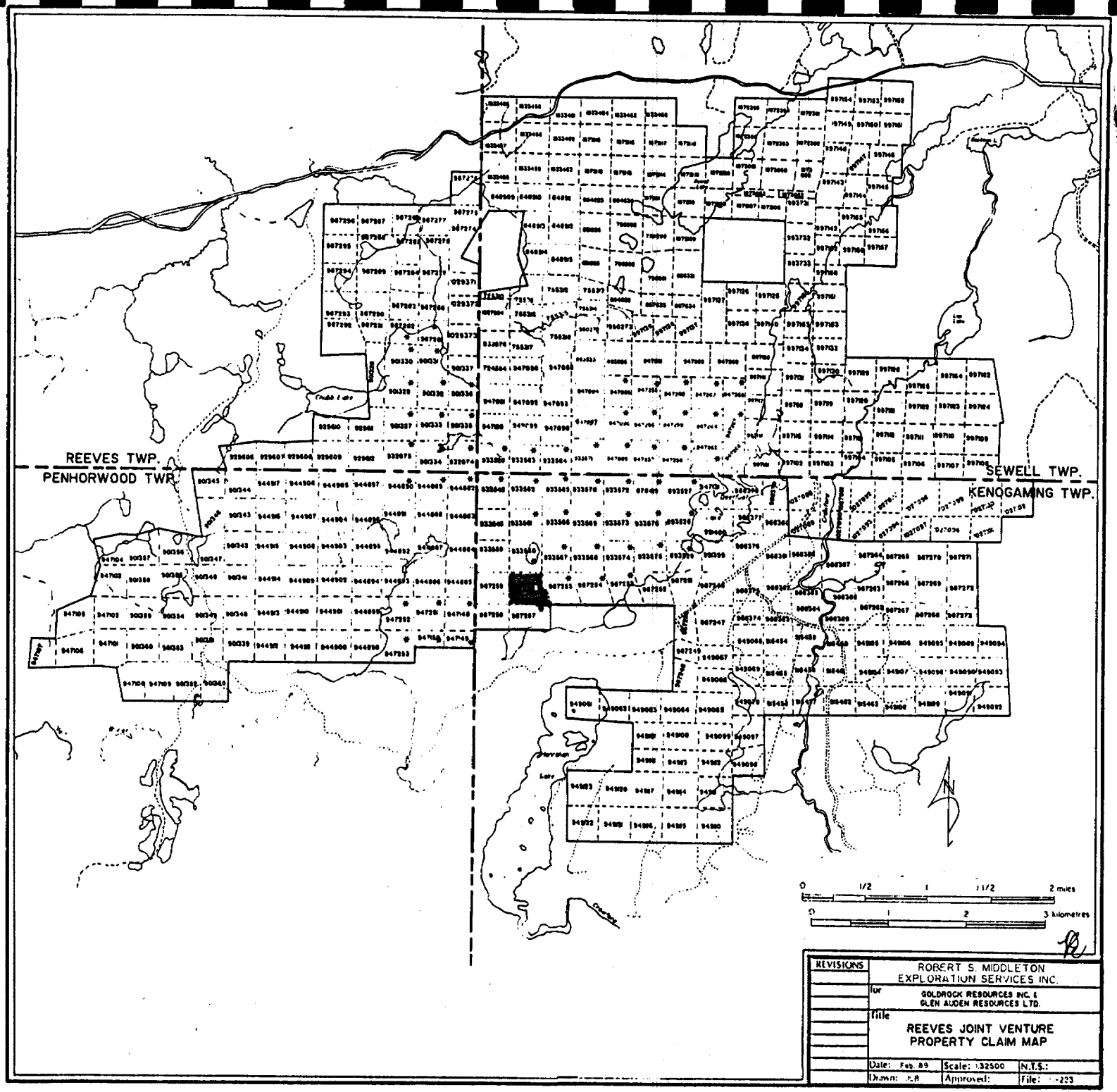
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		margin. From 36.0 to 36.25, ALBITITE is cut by a white pink, brecciated, quartz calcite vein.							
	37.85	38.50 : moderately silicified, weakly hematitic mafic volcanic at the contact with an ALBITITE dyke.							
	38.50	40.35 ALBITITE. Light grey brown to grey pink, same as 35.35 to 36.52. Upper contact is irregular at 70 degrees to the core axis, lower contact is sharp and veined at 60 degrees to the core axis.							
40.35	68.50	ULTRAMAFIC	97235	40.35	41.35	1.00	NIL-TR	.040	.04
			97236	41.35	42.35	1.00	NIL-TR	.060	.06
		Soft, dark grey black to dark grey, fine grained, weakly magnetic, talc - chlorite - carbonate schist.	97237	42.35	43.35	1.00	NIL-TR	.090	.09
		Strongly chloritic, moderately talcose and calcitic.	97238	43.35	44.30	.95	TR	.152	.16
		There are 2 to 5%, 2 to 5 mm wide, white grey colour, calcite quartz veins, forming truncated lamellae pinched along foliation.	97239	44.30	45.30	1.00	TR	.100	.10
		This unit is strongly foliated. Foliation averages 45 degrees to the core axis but is very often contorted.	97240	45.30	46.30	1.00	TR	.100	.10
		There is nil to trace very fine pyrite disseminated.	97241	46.30	47.20	.90	TR	.072	.08
		Lower contact is sharp at 45 degrees to the core axis.	97242	47.20	48.20	1.00	NIL-TR	.150	.15
	40.50	40.90 Fault zone. Strongly faulted section into minor 2 mm to 1 cm wide gouge and gravels along foliation at 50 to 70 degrees to the core axis.	97243	48.20	49.20	1.00	NIL-TR	.090	.09
			97244	49.20	50.20	1.00	NIL-TR	.100	.10
			97245	50.20	51.20	1.00	NIL-TR	.080	.08
			97246	51.20	51.80	.60	NIL-TR	.036	.06
			97247	51.80	52.80	1.00	TR	.070	.07
			97248	52.80	53.90	1.10	TR	.264	.24
			97249	53.90	55.00	1.10	NIL-TR	.154	.14
			97250	55.00	56.00	1.00	NIL-TR	.120	.12
			97251	61.00	62.00	1.00	NIL-TR	.120	.12
			97252	67.50	68.50	1.00	NIL-TR	.240	.24
	43.35	47.20 ALBITITE. Hard, light grey pink to pink, aphanitic to fine grained, not magnetic. There are 1 to 5%, 1 to 3 mm wide, albite phenocrysts. There is trace pyrite disseminated or coating fractures. There are 1% white quartz calcite veins at random angles. Contacts are sharp at 50 and 30 degrees to the core axis.							
	46.80	47.30 Brecciated.							
	47.20	55.00 FAULT ZONE.							
	47.20	51.80 : moderately to strongly fractured talc - chlorite - carbonate schist intercalated with numerous millimetric to centimetric gouge and gravel sections. Few odd, angular, 0.5 to 1.5 cm wide, ALBITITE fragments are noted. Foliation varies from 80 to 5 degrees to the core axis. ULTRAMAFIC is intercalated by the few odd 2 cm to 10 cm wide ALBITITE dyke.							
	51.80	53.90 ALBITITE. Same as 43.35 to 47.20, contacts							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		are 65 and 40 degrees to the core axis. Weakly fractured.							
		53.90 55.00 : 1 to 3 mm subangular quartz and ULTRAMAFIC fragments cemented by gravel and gouge.							
		55.00 56.80 : foliation is subparallel to core axis.							
		57.60 58.72 : sheared section intercalated minor gouge.							
		61.63 61.85 Fault zone. Brecciated ULTRAMAFIC intercalated minor gouge and gravel.							
68.50	79.50	OXIDE IRON FORMATION							
			97253	68.50	69.50	1.00	1	.030	.03
			97254	69.50	70.50	1.00	5-10	.150	.15
		Hard, strongly magnetic, thinly bedded magnetite - chert and magnetite - cht - chlorite - pyrite.	97255	70.50	71.50	1.00	5-10	.170	.17
			97256	71.50	72.20	.70	5-10	.091	.13
		68.50 69.50 : dark green, aphanitic, silicate layers, massive, not magnetic. There is 1% very fine pyrite disseminated.	97257	72.20	73.20	1.00	2-5	.180	.18
			97258	73.20	74.20	1.00	2-5	.080	.08
			97259	74.20	75.20	1.00	2-5	.050	.05
		69.50 72.20 : dark brown red to light grey, siderite magnetite beds intercalated chert. There are 5 to 10% mm magnetite beds, trace to 2% pyrite as recrystallized euhedral grains, disseminated or along foliation. Foliation subparallel the bedding at 45 degrees to the core axis. Numerous micro-folds are noted.	97260	75.20	76.20	1.00	2-5	.070	.07
			97261	76.20	77.20	1.00	2-5	.150	.15
			97262	77.20	78.00	.80	TR	.080	.10
			97263	78.00	78.75	.75	10-25	.157	.21
			97264	78.75	79.50	.75	10-25	.060	.08
		72.20 77.20 : light grey to grey green chert intercalated chlorite - magnetite beds.							
		There are 2 to 5% mm magnetite beds and trace to locally 5% pyrite as very fine euhedral grains forming bands along foliation. Foliation subparallels the bedding at 45 degrees to the core axis. Few odd cm chert fragments noted within chloritic beds.							
		77.20 78.00 : dark green to light green, aphanitic, silicate layer, massive, not magnetic. Trace very fine pyrite disseminated.							
		78.00 79.50 : dark grey black, magnetite - pyrite - graphite. There is 20 to 25% magnetite, 10 to 15% pyrite.							
79.50	101.40	BASALT							
			97265	79.50	80.50	1.00	TR-1	.090	.09
			97266	80.50	81.50	1.00	TR-1	.070	.07
		Hard, fine grained to medium grained, green grey, not magnetic, weakly foliated mafic volcanic. There are 1 to 5%, 1 to 3 mm wide subrounded to subangular calcite specks disseminated.	97267	81.50	82.50	1.00	TR-1	.190	.19
			97268	82.50	83.50	1.00	TR-1	.170	.17
			97269	83.50	84.50	1.00	TR-1	.240	.24
			97270	90.00	91.00	1.00	TR	.120	.12

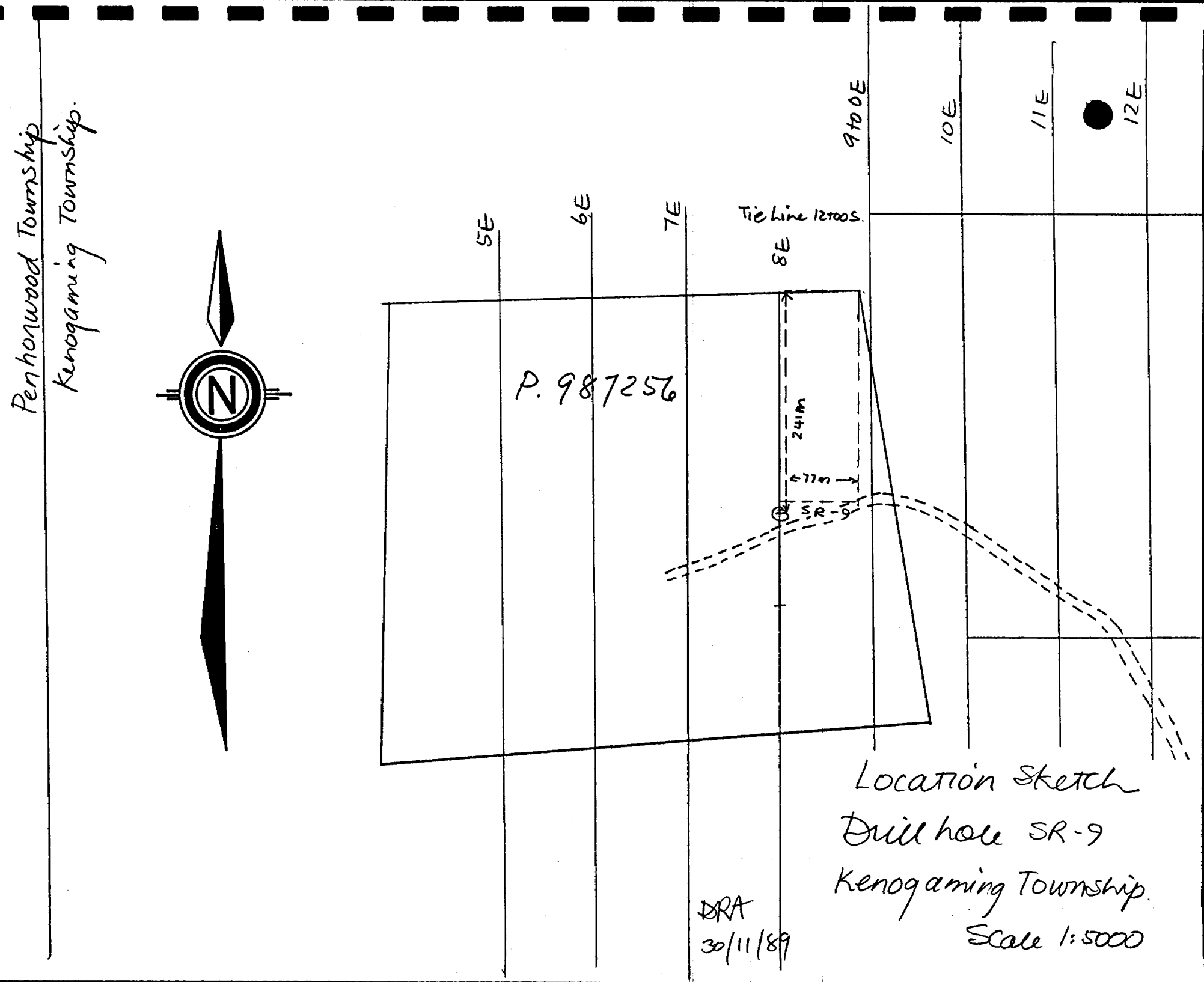
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		Moderately chloritic, moderately to strongly calcitic, very weakly silicified.	97271	99.40	100.40	1.00	TR	.060	.06
		There are trace carbonate - quartz filled fractures and very fine euhedral pyrite disseminated.	97272	100.40	101.40	1.00	TR	.080	.08
		Foliation is weakly developed at 55 degrees to the core axis.							
		Lower contact is sharp and brecciated at 60 degrees to the core axis.							
		79.50 84.20 : light grey to grey, weakly to moderately silicified, very weakly sericitized. There are no calcite specks. There is trace to 1% very fine pyrite disseminated.							
		88.00 88.20 : trace magnetite as fine grains disseminated							
		100.40 101.40 : strongly silicified, weakly hematized and sericitized. Moderately foliated at 50 degrees to the core axis. Few micro-folds noted.							
101.40	130.40	ULTRAMAFIC							
			97273	101.40	102.30	.90	NIL-TR	.135	.15
			97274	102.30	103.73	1.43	NIL-TR	.114	.08
		Soft, dark grey black to grey blue, fine grained, weakly magnetic, talc - chlorite - carbonate schist.	97275	103.73	104.73	1.00	NIL-TR	.060	.06
		Strongly chloritic, moderately talcose and ankeritic.	97276	104.73	105.48	.75	NIL-TR	.038	.05
		There are 5 to 10%, 2 to 5 mm wide, white grey coloured, ankerite quartz veins forming truncated lamellae along the contorted foliation averaging 60 degrees to the core axis.	97277	105.48	106.48	1.00	NIL-TR	.040	.04
			97278	106.48	107.01	.53	NIL-TR	.021	.04
			97279	107.01	108.01	1.00	TR	.050	.05
			97280	108.01	109.01	1.00	TR	.080	.08
			97281	109.01	110.01	1.00	TR	.060	.06
		There are nil to rare traces of very fine pyrite points disseminated.	97282	110.01	111.01	1.00	TR	.070	.07
			97283	111.01	112.01	1.00	TR	.070	.07
		Lower contact is 60 degrees to the core axis.	97284	112.01	113.01	1.00	TR	.100	.10
		101.40 102.30 : dark green grey chlorite schist, very weakly talcose. There are 1%, 1 to 10 cm dull milky white barren quartz veins subparallel to foliation.	97285	113.01	114.01	1.00	TR	.040	.04
			97286	114.01	115.01	1.00	TR	.150	.15
			97287	115.01	116.01	1.00	TR	.060	.06
			97288	116.01	117.01	1.00	TR	.060	.06
		102.30 103.73 Quartz vein. Milky white dull, barren quartz vein, contacts are 85 degrees to the core axis.	97289	117.01	117.73	.72	TR	.086	.12
			97290	117.73	118.73	1.00	NIL-TR	.110	.11
			97291	118.73	119.73	1.00	NIL-TR	.140	.14
		105.00 105.04 Fault plane. 2 to 4 mm subangular fragments of ULTRAMAFIC are intercalated with gouge. Contacts are 40 degrees to the core axis.	97292	127.40	128.40	1.00	NIL-TR	.140	.14
			97293	128.40	129.40	1.00	NIL-TR	.100	.10
			97294	129.40	130.40	1.00	NIL-TR	.100	.10
		105.90 107.01 : ULTRAMAFIC is intercalated with 30%, 1 cm to 20 cm wide, milky white dull barren quartz veins crosscutting foliation at 85 to 5 degrees to the core axis.							
		107.01 117.73 Felsic intrusive. Hard, aphanitic, medium grey to grey pink at contacts, not magnetic, felsic intrusive. There are							

From	To	Description	Sample	From	To	Length	% Sul.	GW	Au g/t
		few odd decimetric chlorite - schist sections crosscutting the intrusive with sharp and well defined contacts at 70 degrees to the core axis. There is a weak sericitic alteration. There is trace pyrite as very fine points disseminated.							
	107.94	108.03 : 4 to 8 cm wide subrounded felsic fragments intercalated with chlorite and schist material. Contacts are 70 and 55 degrees to the core axis.							
130.40	145.54	FELSIC INTRUSIVE							
			97295	130.40	131.52	1.12	NIL-TR	.090	.08
			97296	131.52	132.40	.88	NIL-TR	.088	.10
		Hard, aphanitic, light grey to grey pink at contacts, not magnetic, felsic intrusive.	97297	132.40	133.40	1.00	NIL-TR	.150	.15
		There is a weak sericitic alteration.	97298	133.40	134.40	1.00	NIL-TR	.090	.09
		There are nil to trace carbonate - quartz filled fractures.	97299	134.40	135.40	1.00	NIL-TR	.100	.10
		There is nil to trace pyrite is fine blebs or points disseminated.	97300	135.40	136.40	1.00	NIL-TR	.080	.08
		Lower contact is sheared and brecciated at 75 degrees to the core axis.	97301	136.40	137.40	1.00	NIL-TR	.130	.13
			97302	137.40	138.40	1.00	NIL-TR	.090	.09
			97303	138.40	139.40	1.00	NIL-TR	.080	.08
			97304	139.40	140.40	1.00	NIL-TR	.080	.08
			97305	140.40	141.40	1.00	NIL-TR	.070	.07
			97306	141.40	142.40	1.00	NIL-TR	.050	.05
			97307	142.40	143.40	1.00	NIL-TR	.270	.27
			97308	143.40	144.40	1.00	NIL-TR	.090	.09
			97309	144.40	145.54	1.14	NIL-TR	.057	.05
	131.02	131.52 Brecciated. Medium grained silicified mafic volcanic intercalated with 5 to 10%, 2 mm to 1 cm wide subangular felsic fragments. Contacts are sharp at 60 to 55 degrees to the core axis.							
	144.65	145.54 Brecciated. Felsic intrusive is finely brecciated at the lower contact. There are 60 to 70%, 2 mm to 1 cm angular fragments.							
145.54	154.23	BASALT							
			97310	145.54	146.54	1.00	NIL-TR	.110	.11
			97311	146.54	147.54	1.00	NIL-TR	.090	.09
		Altered.	97312	147.54	148.54	1.00	NIL-TR	.040	.04
		Strongly silicified, weakly sericitized and chloritic, very weakly ankeritic and hematized. There are trace to 1% ankerite quartz veins as fracture fillings.	97313	148.54	149.54	1.00	NIL-TR	.060	.06
			97314	149.54	150.54	1.00	NIL-TR	.290	.29
		There is nil to trace pyrite as fine blebs disseminated.	97315	150.54	151.54	1.00	NIL-TR	.040	.04
		This unit is weakly brecciated in situ. Mafic volcanics are finely brecciated along foliation plane at 65 degrees to the core axis.	97316	151.54	152.25	.71	NIL-TR	.192	.27
			97317	152.25	153.25	1.00	NIL-TR	.030	.03
		Lower contact is sharp at 65 degrees to the core axis.	97318	153.25	154.23	.98	NIL-TR	.431	.44
	145.54	152.25 Brecciated. Hard, light grey green to grey brown, medium grained, granular textured,							

From	To	Description	Sample From	To	Length	% Sul	GW	Au g/t
		weakly brecciated silicified BASALT.						
152.25	154.23	BASALT weakly foliated. Hard, light grey, very fine grained, weakly foliated altered BASALT. Moderately silicified and sericitic. There are trace carbonate-quartz filled veinlets. There is nil to trace very fine pyrite disseminated. Foliation is weakly developed at 50 to 60 degrees to the core axis.						
154.23		END OF HOLE.						



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.
	title REEVES JOINT VENTURE PROPERTY CLAIM MAP
	Date: Feb. 89 | Scale: 1:32500 | N.T.S.:
	Drawn: R.B | Approved: | File: [illegible]-203



Location Sketch
Drill hole SR-9
Kenogaming Township.
Scale 1:5000

DRA
30/11/89

AMERICAN BARRICK RESOURCES CORPORATION

Co-or[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-9

Azimuth: 180.0 Section: L8+00E Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L8+00E 15+25S

Elevation: .0

Length: 154.2 Date Started: October 22, 1989
Date Completed: October 23, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing Pulled

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-49.0	91.44		-47.0	154.23		-46.0

----------Log Summary----------

.00 10.50 CASING.
10.50 10.80 DIABASE.
10.80 25.15 BASALT foliated.
10.80-15.30 FAULT ZONE.
25.15 64.85 BASALT massive to weakly foliated.
64.85 66.50 Graphitic ARGILLITE.
66.50 74.50 BASALT foliated.
74.50 81.35 BASALT massive.
81.35 88.20 HIGH MAG BASALT.
88.20 131.12 BASALT massive to weakly foliated.
99.6-100.2 Graphitic ARGILLITE.
131.12 131.92 Graphitic ARGILLITE.
131.92 134.35 Felsic intrusive brecciated.
134.35 147.95 Altered foliated BASALT.
134.35-143.0 Silicified, sericitic, foliated BASALT.
134.35-135.35 Brecciated.
143.0-145.75 Silicified, foliated BASALT.
145.75-147.95 Silicified, sericitic, foliated BASALT.
147.95 154.23 Fine to medium grained massive flow.
149.44-149.68 FAULT ZONE.
149.88-150.40 Brecciated quartz - carbonate vein.
151.40-152.10 Brecciated foliated.

154.23 END OF HOLE.

Dave R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	10.50	CASING Casing driven to 12.8 m.							
10.50	10.80	DIABASE Dark greenish-grey, medium grained, moderately magnetic diabase dyke, poorly veined and mineralized. Strongly chloritic weakly calcitic. Lower contact is 55 degrees to the core axis.							
10.80	25.15	BASALT FOLIATED Moderately hard, light grey to beige grey, fine grained, not magnetic foliated mafic volcanic. Moderately to strongly calcitic, weakly bleached and sericitized, moderately chloritic. There are 2 to 4%, 2 mm to 5 mm wide calcite quartz veins subparallel to foliation that is moderately developed at 55 to 60 degrees to the core axis. There is nil to rare trace fine pyrite disseminated. From 24.80 to lower contact, mafic volcanics are weakly silicified and contain trace to 1% very fine pyrite disseminated and trace pyrrhotite. Lower contact is 50 degrees to the core axis. 10.80 15.30 FAULT ZONE. Moderately fractured foliated mafic volcanic intercalated with numerous millimetric to decimetric gravel and gouge	97319	10.80	11.80	1.00	NIL-TR	.080	.08
			97320	11.80	12.80	1.00	NIL-TR	.030	.03
			97321	12.80	13.80	1.00	NIL-TR	.040	.04
			97322	13.80	14.80	1.00	NIL-TR	.040	.04
			97323	14.80	15.30	.50	NIL-TR	.015	.03
			97324	23.15	24.15	1.00	NIL-TR	.020	.02
			97325	24.15	25.15	1.00	TR-1	.020	.02

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		sections.							
25.15	64.85	BASALT							
			97326	25.15	26.10	.95	NIL-TR	.019	.02
			97327	62.35	63.35	1.00	NIL-TR	.180	.18
			97328	63.35	64.85	1.50	NIL-TR	.075	.05
		Massive to weakly foliated. Fine grained, moderately hard, dark greenish-grey to medium greenish-grey, not magnetic massive to weakly foliated mafic volcanic. Strongly to moderately chlorite and calcitic. There are 1% carbonate - quartz filled fractures. There are nil to rare traces fine pyrite disseminated. Foliation is locally weakly developed at 55 degrees to the core axis. Lower contact is sharp at 60 degrees to the core axis.							
		25.15 37.40 : dark green to greenish-grey, weakly foliated at 55 degrees to the core axis mafic volcanic. There are 1 to 2%, 1 to 3 mm calcite specks elongated along foliation.							
		37.40 44.45 : medium grey to grey-green massive mafic volcanic fine to medium grained. There are 2 to 10%, 1 to 2 mm wide calcite specks disseminated.							
		44.45 49.55 : medium grey to dark grey-green, very weakly foliated fine grained mafic volcanic. There are 1 to 2%, 1 to 2 mm wide carbonate specks along the foliation at 50 to 60 degrees to the core axis.							
		49.55 51.60 : light green to green, medium grained massive mafic volcanic.							
		51.60 63.35 : medium grey-green, fine grained massive mafic volcanic. There are 1 to 5%, 2 to 8 mm wide, carbonate - quartz filled fractures. From 62.65 to 63.55, there are 5%, 1 to 2 mm calcite specks disseminated.							
		63.35 64.85 : light grey, very fine grained, weakly sericitic, massive mafic volcanic.							
64.85	66.50	GRAPHITIC ARGILLITE							
			97329	64.85	65.50	.65	TR	.039	.06
			97330	65.50	66.50	1.00	TR-1	.150	.15
		Moderately hard to hard, dark grey to dark grey black. Very fine grained thinly bedded graphitic ARGILLITE. Variably graphitic, moderately calcitic, very weakly silicified. Foliation subparallels the bedding at 50 degrees to the core axis.							
		64.85 65.50 : argillite contains 3 to 5%, 1 to 2 mm wide							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		graphitic beds, poorly veined sections. Upper contact is 60 degrees to the core axis. There is trace pyrite as fine blebs disseminated along foliation. From 64.85 to 64.97 there are 5 to 10%, 2 to 5 cm wide, quartz-carbonate veins pinched along foliation.							
	65.50	66.20 : argillite contains 50 to 60%, 1 to 5 mm wide graphitic beds. There are 5 to 10% calcite quartz veins, 1 to 10 mm wide, pinched along foliation. There is trace to 1% very fine pyrite disseminated and trace magnetite.							
	66.20	66.50 : same as 64.85 to 65.60, lower contact is 50 degrees to the core axis.							
66.50	74.50	BASALT FOLIATED							
			97331	66.50	67.50	1.00	NIL-TR	.100	.10
			97332	67.50	68.50	1.00	NIL-TR	.090	.09
		Moderately hard greenish-grey to pale grey, fine grained, not magnetic weakly to moderately foliated mafic volcanic.	97333	68.50	69.50	1.00	NIL-TR	.100	.10
			97334	72.50	73.50	1.00	NIL-TR	.300	.30
			97335	73.50	74.50	1.00	NIL-TR	.090	.09
		Moderately calcitic and chloritic. Weakly bleached and sericitic from 72.60 to 74.50.							
		There are 1 to 3%, 1 to 2 mm wide carbonate - quartz veins along foliation at 45 to 50 degrees to the core axis.							
		There is nil to trace pyrite.							
74.50	81.35	BASALT MASSIVE							
			97336	74.50	75.50	1.00	NIL-TR	.110	.11
			97337	80.35	81.35	1.00	NIL-TR	.150	.15
		Moderately hard, dark greenish-grey, fine grained, not magnetic, massive mafic volcanic.							
		Strongly chloritic, moderately calcitic.							
		There are 2 to 4%, 1 to 4 mm wide, carbonate - quartz filled fractures. There is nil to trace pyrite disseminated.							
		Upper and lower contacts are weakly foliated at 60 degrees to the core axis.							
81.35	88.20	HIGH MAG BASALT							
			97338	81.35	82.35	1.00	3-5	.130	.13

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
			97339	87.20	88.20	1.00	3-5	.160	.16
		Dark green, moderately hard fine to medium grained, strongly magnetic massive mafic volcanic. Strongly chloritic, weakly calcitic. There are 1%, 2 to 5 mm wide, carbonate - quartz filled fractures. There are 3 to 5%, 1 to 3 mm, hypidiomophic magnetite grains disseminated and trace pyrite as fine blebs disseminated. Lower contact is 55 degrees to the core axis.							
88.20	131.12	BASALT							
			97340	98.60	99.60	1.00	NIL-TR	1.000	1.00
			97341	99.60	100.20	.60	TR	.126	.21
			97342	100.20	101.20	1.00	NIL-TR	.310	.31
			97343	105.50	106.50	1.00	NIL-TR	.080	.08
			97344	119.50	120.50	1.00	NIL-TR	.070	.07
			97345	123.90	124.90	1.00	NIL-TR	.080	.08
			97346	130.12	131.12	1.00	NIL-TR	.070	.07
		Massive to weakly foliated. Moderately hard, fine grained, dark green to pale grey-green, not magnetic, massive to weakly foliated mafic volcanic. Strongly chloritic and calcitic, locally weakly sericitic There are 2 to 4%, 1 to 5 mm wide, carbonate - quartz filled fractures along the weakly developed foliation at 55 to 60 degrees to the core axis. There is nil to trace pyrite as fine blebs disseminated. Lower contact is sharp and veined at 70 degrees to the core axis.							
		88.20 99.60 : dark green massive section. Weakly foliated at 55 degrees to the core axis from 99.2 to 99.6.							
		99.60 100.20 Graphitic ARGILLITE. Moderately hard, very fine grained dark grey black to dark grey, thinly bedded not magnetic graphitic argillite. Foliation subparallels the bedding at 60 degrees to the core axis. Strongly calcitic and graphitic. Poorly veined except from 99.87 to 100.0 where there are 30%, 2 to 10 mm wide carbonate - quartz veins along foliation. There is trace pyrite as fine blebs along foliation. Contacts are sharp at 50 to 60 degrees to the core axis. Lower contact is micro folded for 10 cm.							
		100.20 124.90 : pale greenish-grey weakly foliated mafic volcanic. Foliation varies from 45 to 55 degrees to the core axis. There are a few odd centimetric sericitic layers along foliation. From 124.30 to 124.90 foliation is weakly contorted.							
		124.90 131.12 : pale grey, very weakly bleached mafic volcanic.							

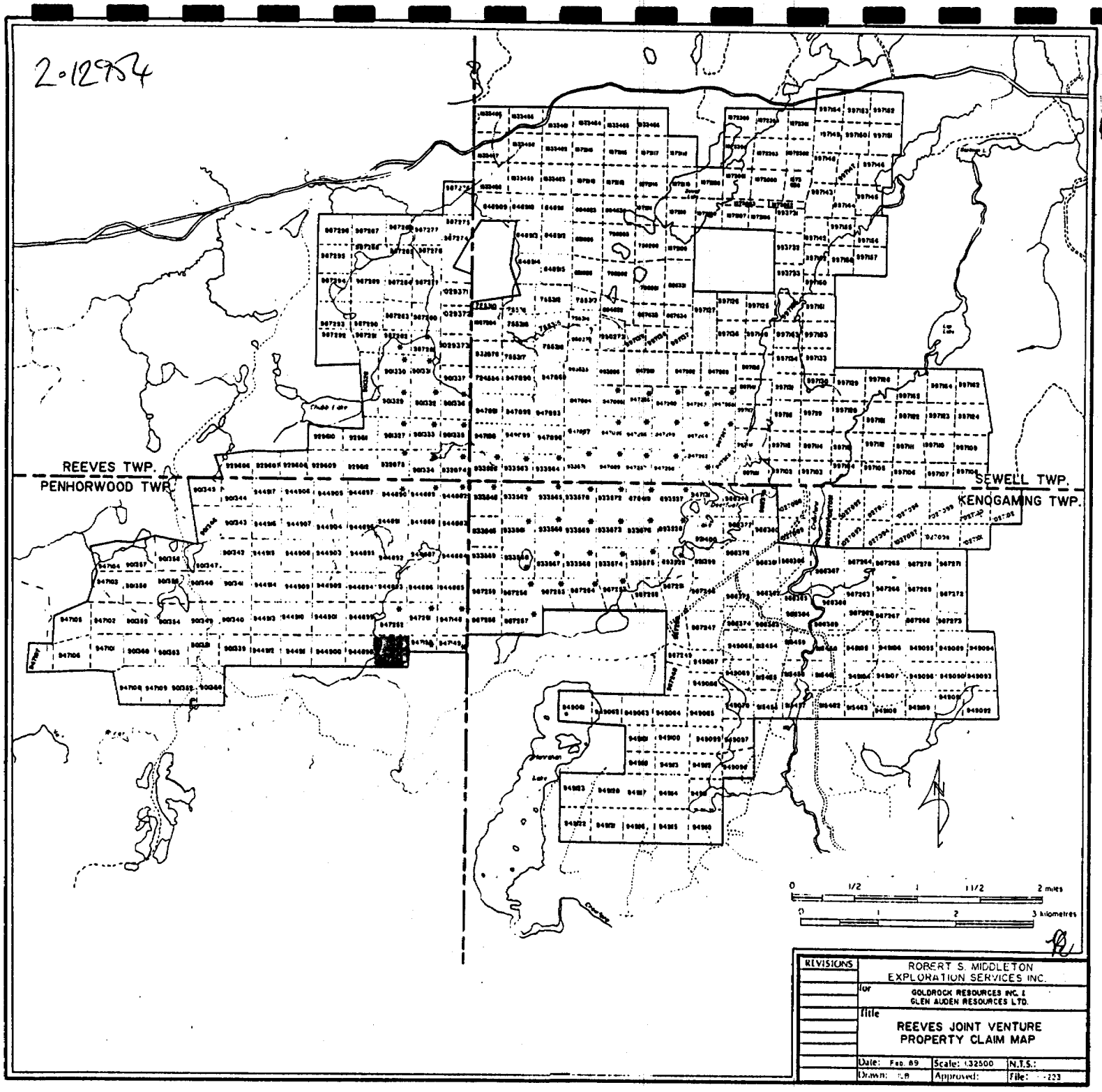
From	To	Description	Sample	From	To	Length	% Sul	GM	Au g/t
131.12	131.92	GRAPHITIC ARGILLITE							
			97347	131.12	131.92	.80	1	.088	.11
		Moderately hard, very fine grained, dark grey black to dark grey thinly bedded, not magnetic graphitic argillite. Foliation subparallels the bedding at 70 to 75 degrees to the core axis. Strongly graphitic and calcitic, poorly veined. There is 1% pyrite as fine blebs disseminated along foliation. Contacts are sharp and brecciated at 60 to 80 degrees to the core axis.							
131.92	134.35	FELSIC INTRUSIVE BRECCIATED							
			97348	131.92	132.92	1.00	NIL	.070	.07
			97349	132.92	133.85	.93	NIL	.074	.08
		Hard, pale grey - beige, fine grained, not magnetic brecciated felsic intrusive. There are 5 to 10%, 0.5 to 1.5 mm wide white feldspar phenocrysts. There are 2 to 5%, 1 cm to 5 cm subangular fragments interfilled by pale olive green talc. Weakly to moderately calcitic, weakly talcose poorly veined, barren. Lower contact is 80 degrees to the core axis.	97350	133.85	134.35	.50	NIL	.045	.09
134.35	147.95	BASALT							
			97351	134.35	135.35	1.00	TR	.060	.06
			97352	135.35	136.35	1.00	TR	.120	.12
		Altered foliated.	97353	136.35	137.35	1.00	TR	.100	.10
		Moderately silicified pervasively, weakly sericitic as patchy alteration occurring in millimetric to centimetric bands subparallel to foliation. Moderately to strongly calcitic pervasively, weakly chloritic.	97354	137.35	138.35	1.00	TR	.180	.18
			97355	138.35	139.35	1.00	TR	.060	.06
			97356	139.35	140.35	1.00	TR	.100	.10
			97357	140.35	141.35	1.00	TR	.180	.18
		These are 1 to 4%, 2 mm to 10 mm wide carbonate - quartz veins along foliation or as fracture filling.	97358	141.35	142.35	1.00	TR	.270	.27
			97359	142.35	143.00	.65	TR	.071	.11
		There is trace pyrite as fine grains disseminated or coating fractures.	97360	143.00	144.00	1.00	NIL-TR	.130	.13
			97361	144.00	145.00	1.00	NIL-TR	.110	.11
		Foliation is moderately to strongly developed at 30 to 65 degrees to the core axis.	97362	145.00	145.75	.75	NIL-TR	.218	.29
			97363	145.75	146.75	1.00	TR	.110	.11
		134.35 135.35 Brecciated.	97364	146.75	147.95	1.20	TR	.156	.13
		134.35 143.00 : silicified sericitic, foliated BASALT. Hard, dark grey brown to dark grey, very fine grained, not magnetic moderately							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		silicified, weakly sericitic foliated mafic volcanic.							
143.00	145.75	: silicified foliated BASALT. Moderately hard to hard, medium grained, not magnetic, weakly to moderately silicified foliated mafic volcanic. Weakly to moderately silicified pervasively, moderately to strongly calcitic, weakly chloritic. There are 2 to 5%, 2 to 5 mm wide carbonate - quartz veins along foliation. The foliation is strongly developed at 60 degrees to the core axis. There is nil to trace very fine pyrite disseminated.							
145.75	147.95	: silicified, sericitic, foliated BASALT. Same as 134.35 to 143.0. Lower contact is sharp at 70 degrees to the core axis.							
147.95	154.23	BASALT							
			97365	147.95	148.95	1.00	TR	.090	.09
			97366	148.95	149.88	.93	TR	.074	.08
			97367	149.88	150.40	.52	TR	.125	.24
			97368	150.40	151.40	1.00	NIL	.120	.12
			97369	151.40	152.10	.70	NIL-TR	.070	.10
			97370	152.10	153.10	1.00	TR	.060	.06
			97371	153.10	154.23	1.13	TR	.113	.10
		Fine to medium grained massive flow. Moderately hard dark grey-green to medium grey, not magnetic. Moderately chloritic, strongly calcitic. There are 1%, carbonate - quartz filled fractures, 1 to 5 mm wide. There is trace pyrite as fine euhedral grains disseminated.							
149.44	149.68	FAULT ZONE. Strongly fractured core with intercalated minor graphitic gouge. Contacts are 75 and 80 degrees to the core axis.							
149.68	149.88	: strongly foliated, weakly bleached and sericitized very fine grained mafic volcanic. Foliation is 45 degrees to the core axis. Trace graphite along foliation plane. Unveined. Trace pyrite.							
149.88	150.40	Brecciated quartz vein. Milky white to white grey, weakly brecciated quartz - carbonate vein with intercalated minor chloritic subangular fragments. Barren. Contacts are 50 and 60 degrees to the core axis.							
151.40	152.10	Brecciated, foliated. Moderately soft, pale grey-green nonmagnetic, moderately foliated mafic volcanic weakly brecciated. Foliation is 50 to 60 degrees to the core axis. There are 50 to 70%, 5 mm to 1 cm wide subangular fragments elongated along							

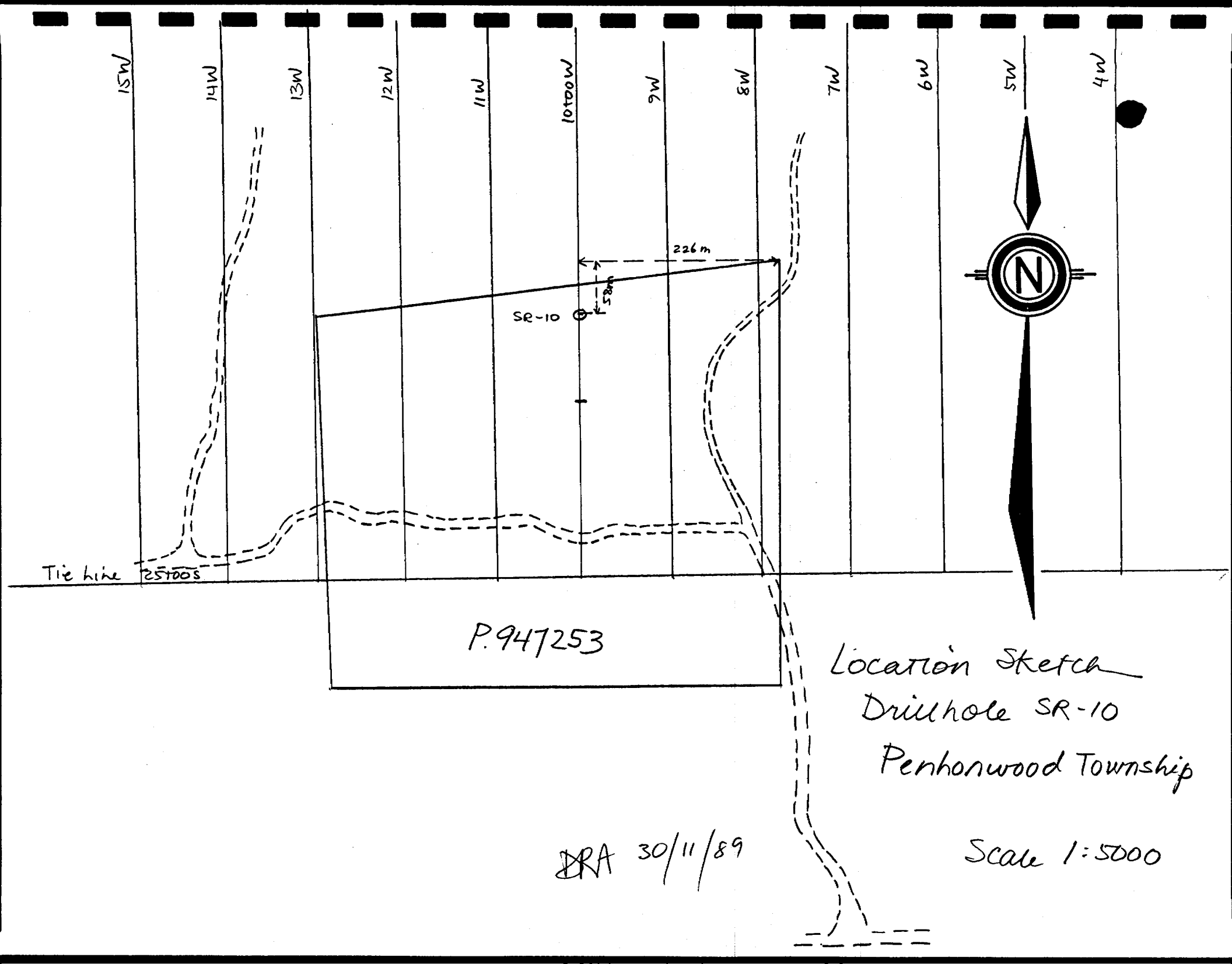
371
319

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		foliation. There is a weak talcose alteration along foliation. Contacts are 50 and 60 degrees to the core axis.							
153.65	153.82	: felsic intrusive. Hard, light grey beige, massive, fine grained felsic intrusive. Unveined, barren of mineralization. Contacts are sharp at 65 and 50 degrees to the core axis.							
154.23		END OF HOLE.							

2.12954



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.		
	Title REEVES JOINT VENTURE PROPERTY CLAIM MAP		
	Date: Feb. 89	Scale: 1:32500	N.T.S.:
	Drawn: C.B	Approved:	File: -223



Location Sketch
Drillhole SR-10
Penhorwood Township

DRA 30/11/89

Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-o[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-10

Azimuth: 180.0 Section: L10+00W Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L10+00W 22+00S

Elevation: .0

Length: 153.9 Date Started: September 23, 1989
Date Completed: September 25, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing left in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-51.0	91.44		-52.0	137.15		-52.0

----------Log Summary----------

.00 1.22 CASING.
1.22 32.50 BASALT.
32.50 39.80 BASALT porphyritic.
38.30-39.20 : cherty mineralized zone.
39.80 67.10 BASALT.
66.30-67.10 : fault zone.
67.10 71.65 Foliated - biotitic - BASALT.
71.65 77.00 Intermediate intrusive.
77.00 115.15 BASALT.
84.80-85.30 : FAULT ZONE.
101.30-101.65 : FAULT ZONE.
102.80-103.25 : FAULT ZONE.
111.05-112.05 : FAULT ZONE.
115.15 145.50 BASALT.
115.15-145.50 : pillowed variolitic.
145.50 153.92 Intermediate to felsic intrusive.
153.9 END OF HOLE.

Dave R Alexander
AMERICAN BARRICK RESOURCES CORPORATION

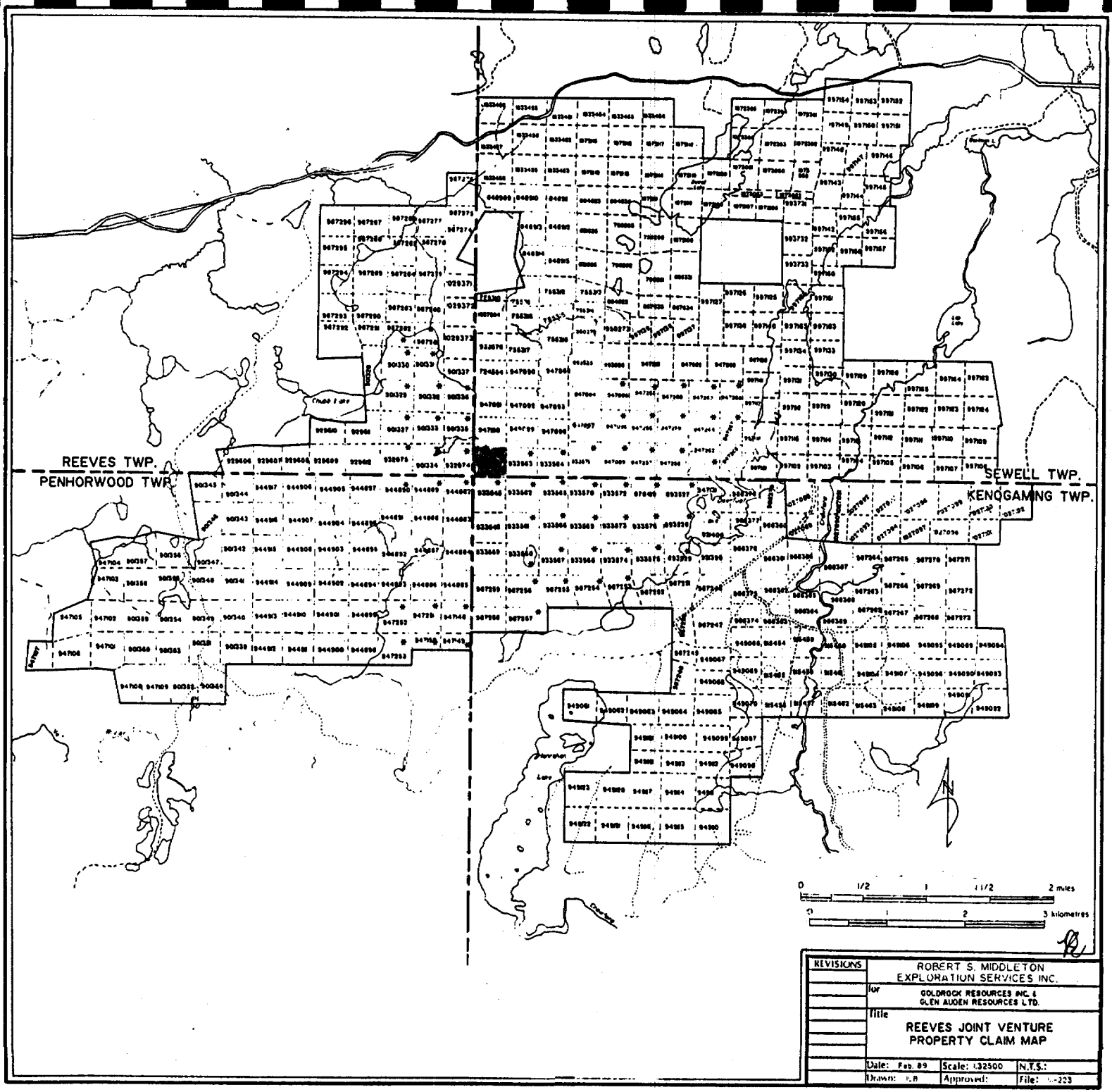
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	1.22	CASING							
1.22	32.50	BASALT							
			99803	3.47	4.47	1.00	TR	.180	.18
			99804	7.50	8.50	1.00	TR	.090	.09
			99805	16.00	17.00	1.00	TR	.100	.10
			99806	17.00	18.00	1.00	TR	.120	.12
			99807	20.00	21.00	1.00	TR-1	.130	.13
			99808	27.50	28.50	1.00	TR	.130	.13
			99809	31.50	32.50	1.00	TR	.120	.12
		Moderately hard to hard, very fine grained to aphanitic, pale grey-green massive mafic volcanic. Not magnetic. There is a weak silicification pervasively, a moderate chloritic alteration and a weak patchy calcitic alteration. There are 1 to 2% mm, barren, carbonate - quartz filled fracture veins and a few odd, 0.5 to 1 cm wide, carbonate-quartz epidote veins, barren of mineralization, at random angle with core axis (pillow selvage ?). This unit contains trace pyrite as very fine blebs disseminated. Lower contact is sharp at 45 degrees to the core axis. 3.05 3.47 : highly fractured core, 25 cm lost core. Upper and lower contact are 70 degrees to the core axis. 27.75 28.10 : there are 40%, 0.5 to 1.5 cm blue-grey quartz veins at 45 to 15 degrees to the core axis.							
32.50	39.80	BASALT							
			99810	32.50	33.50	1.00	TR-1	.110	.11
			99811	33.50	34.50	1.00	TR-1	.080	.08
			99812	34.50	35.50	1.00	TR-1	.100	.10
			99813	35.50	36.50	1.00	TR-1	.040	.04
			99814	36.50	37.50	1.00	TR-1	.080	.08
			99815	37.50	38.30	.80	TR-1	.072	.09
			99816	38.30	39.20	.90	5-25	.090	.10
		Porphyritic. Moderately hard, mottled beige green to green, fine grained to medium grained BASALT. Porphyritic. Locally weakly magnetic where pyrrhotite is present. There are 1 to 4% very fine, hypidiomorphic feldspar phenocrysts.							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		Chloritic alteration is strong and there is a moderate calcitic alteration pervasively. There are 1 to 3% white - grey calcite quartz veins 1 mm to 2 cm wide at 40 to 90 degrees to the core axis, with nil to trace pyrite, pyrrhotite blebs. There is trace to locally 1% pyrrhotite as fine blebs disseminated. Lower contact is veined at 45 degrees to the core axis.	99817	39.20	39.80	.60	TR-3	.060	.10
	32.50	35.00 : there are 5 to 10%, 2 to 4 mm biotite grains disseminated.							
	37.78	37.91 : grey blue, quartz calcite veins, 1 to 2% pyrrhotite blebs, trace pyrite. Contacts are 45 degrees to the core axis.							
	38.30	39.20 Cherty MINERALIZED ZONE. Hard to moderately hard, alternating grey blue, brown, and grey brown, cherty mineralized zone, moderately to strongly magnetic. Porphyritic BASALT is intercalated by 90%, 5 cm to 40 cm wide, mineralized chert section. Chert is dark grey blue, and is intercalated by 2 to 4% white quartz calcite veins. Chert is thinly bedded at 80 to 85 degrees to the core axis and frequently micro-folded. There is 5 to 25% pyrrhotite and 1 to 2% pyrite in fine blebs or stringers disseminated along foliation. Porphyritic BASALT is weakly silicified and contains 1 to 3% pyrrhotite blebs and trace pyrite as fine blebs disseminated. Upper and lower contacts are 85 degrees to the core axis.							
	39.20	39.80 : GABBRO intercalated 5%, 2 to 4 cm white - grey to blue-grey quartz calcite veins with trace to 3% pyrite.							
39.80	67.10	BASALT							
		Moderately hard, very fine grained, grey green, massive mafic volcanic not magnetic. There is a moderate chlorite and calcite alteration pervasively. There are 1 to 3%, 2 to 5 mm wide, white carbonate fracture filling veins at random angle, and rare 5 mm to 1 cm wide blue-grey quartz carbonate veins, with nil to trace pyrite as fine blebs at 45 to 90 degrees to the core axis. There is nil to trace pyrite as fine blebs disseminated. Lower contact is brecciated and marked by a 2 mm fracture filling with gouge at 50 degrees to the core axis.	99818	39.80	40.80	1.00	NIL-TR	.090	.09
			99819	45.00	46.00	1.00	NIL-TR	.110	.11
			99820	50.50	51.50	1.00	NIL-TR	.100	.10
			99821	51.50	52.50	1.00	NIL-TR	.070	.07
			99822	52.50	53.56	1.06	TR-1	.074	.07
			99823	53.56	54.56	1.00	NIL-TR	.060	.06
			99824	56.50	57.50	1.00	TR	.030	.03
			99825	57.50	58.50	1.00	TR	.040	.04
			99826	65.30	66.30	1.00	TR	.050	.05
			99827	66.30	67.10	.80	TR	.032	.04

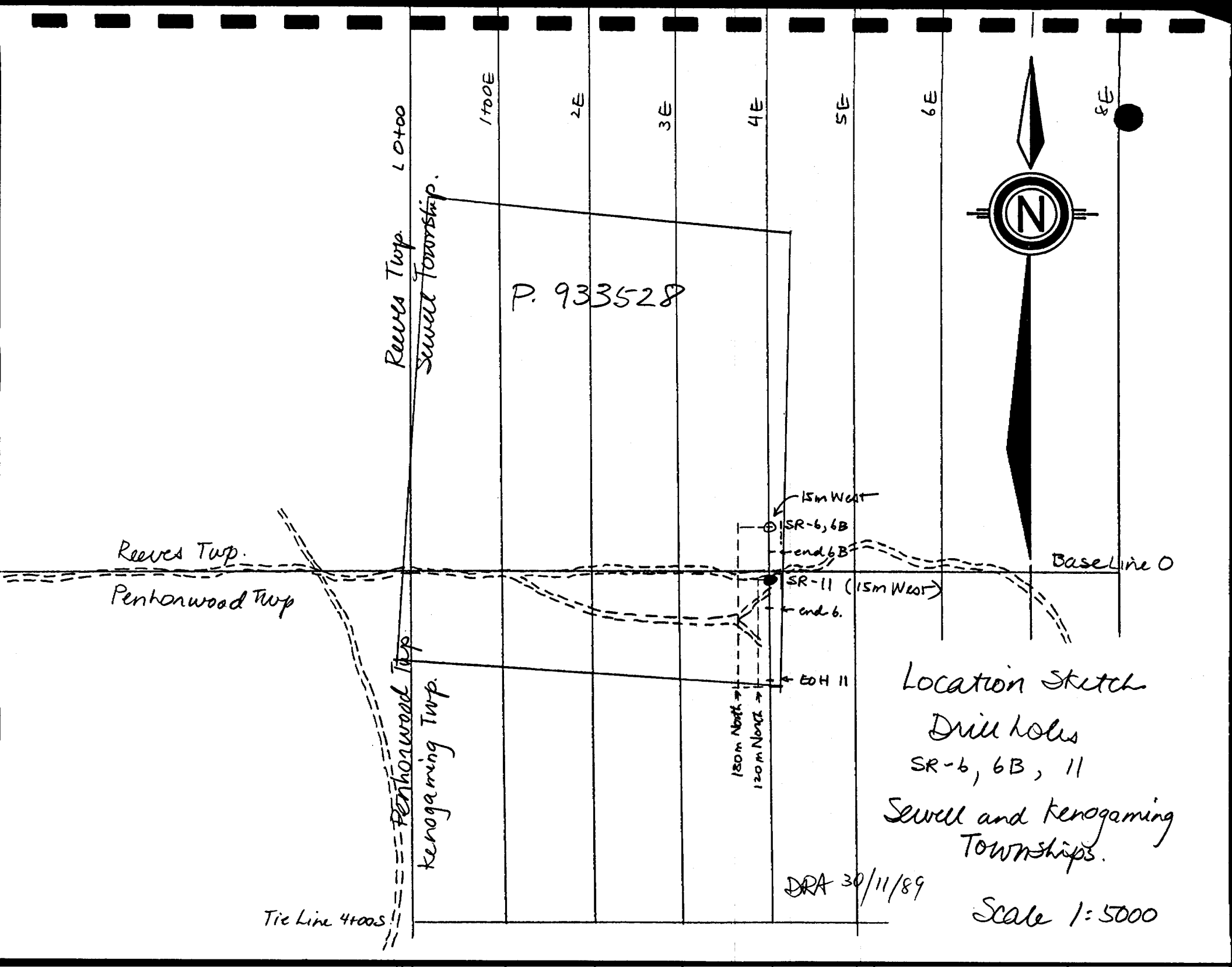
From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		52.50 53.56 : moderately silicified BASALT intercalated minor cm cherty beds. Trace to 1% pyrite as fine blebs disseminated. Contacts are 80 to 85 degrees to the core axis.							
		56.15 56.23 : white quartz vein, barren, contacts are 85 degrees to the core axis.							
		56.70 58.40 : there are 5 to 8%, 1 to 4 cm wide, white grey and blue-grey quartz calcite veins at 80 to 85 degrees to the core axis. Veins are barren, wallrock contains trace pyrite as fine blebs disseminated.							
		66.30 67.10 Fault zone. Weakly brecciated, faulted BASALT. There are 4 fault planes, including upper and lower contact marked by 2 mm of gouge filling fractures at 45 degrees to the core axis. There are 3 to 5%, 1 to 3 cm mafic volcanic angular fragments.							
67.10	71.65	BASALT							
			99828	67.10	68.10	1.00	NIL-TR	.050	.05
			99829	68.10	69.10	1.00	NIL-TR	.040	.04
			99830	69.10	70.10	1.00	NIL-TR	.090	.09
			99831	70.10	71.10	1.00	NIL-TR	.250	.25
			99832	71.10	71.65	.55	NIL-TR	.231	.42
		Foliated - biotitic.							
		Moderately hard, dark brown grey to brown green, fine grained, moderately foliated, sheared mafic volcanic. Biotitic. Not magnetic.							
		There is a moderate to weak cola coloured biotitic alteration decreasing downhole from 69.90.							
		Calcitic alteration is weak and patchy, chloritic alteration is weak to moderate. There is a moderate silicification as cm beds where biotitic alteration is moderate.							
		There are 3 to 5% mm calcite - ankerite quartz veins forming truncated lamellae along foliation at 60 to 70 degrees to the core axis and as fracture filling at random angles. There is rare pyrite as fine blebs disseminated.							
		Mafic volcanics are moderately foliated at 65 degrees to the core axis.							
		Lower contact is veined at 20 degrees to the core axis.							
71.65	77.00	INTERMEDIATE INTRUSIVE							
			99833	71.65	72.65	1.00	NIL	.430	.43
			99834	76.00	77.00	1.00	NIL	.360	.36
		Hard, dark grey to grey, fine grained, not magnetic. Weakly chloritic, weakly calcitic as fracture filling, weakly silicified pervasively.							

From	To	Description	Sample	From	To	Length	% Sul	GN	Au g/t
		There are 1%, 1 to 3 mm wide, white, barren calcite veins and quartz calcite veins at random angle. Barren of mineralization. Lower contact is sharp at 85 degrees to the core axis.							
		73.80 75.00 : moderately to strongly fractured core at 65 to 85 degrees to the core axis.							
77.00	115.15	BASALT							
			99835	77.00	78.00	1.00	NIL-TR	.380	.38
			99836	110.05	111.05	1.00	NIL-TR	.340	.34
			99837	111.05	112.05	1.00	NIL-TR	.290	.29
			99838	112.05	113.05	1.00	NIL-TR	.290	.29
			99839	113.05	114.05	1.00	NIL-TR	.300	.30
			99840	114.05	115.15	1.10	NIL-TR	.341	.31
		Moderately hard, very fine grained, grey-green, massive mafic volcanic not magnetic.							
		There is a moderate chloritic alteration and a weak to moderate calcitic alteration pervasively.							
		There are 2 to 4%, 2 mm to 7 mm wide, white barren calcite quartz veins, along a weak foliation averaging 45 degrees to the core axis.							
		There is nil to trace pyrite as fine blebs or grains disseminated.							
		Lower contact is irregular at 5 to 10 degrees to the core axis.							
		80.90 81.65 : mafic intrusive, pale grey, fine grained, not magnetic, poorly veined, barren, contacts are 85 and 70 degrees to the core axis.							
		84.80 85.30 FAULT ZONE. Weakly fractured core at 50 to 60 degrees to the core axis intercalated minor mud gouge.							
		101.30 101.65 FAULT ZONE. Highly fractured and ground core. Upper and lower contacts are 45 and 30 degrees to the core axis.							
		102.80 103.25 FAULT ZONE. Highly fractured core. Upper and lower contacts are 45 and 15 degrees to the core axis.							
		103.25 111.05 : trace pyrrhotite as fine blebs disseminated.							
		111.05 112.05 Fault zone. Strongly fractured core, intercalated minor gouge fracture filling at 5 to 10 degrees to the core axis. There are 3, 4 to 41 cm wide, barren white quartz veins.							
		112.05 115.15 : weakly brecciated and silicified grey-green to green mafic volcanic.							
115.15	145.50	BASALT							
			99853	121.00	122.00	1.00	NIL-TR	.250	.25

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
			99854	122.00	123.00	1.00	NIL-TR	.230	.23
		Pillowed variolitic. Grey green, very fine grained, not	99855	130.75	131.75	1.00	NIL-TR	.150	.15
		magnetic, variolitic, pillowed flow. Moderately	99856	140.50	141.50	1.00	NIL-TR	.220	.22
		chloritic, very weakly calcitic. There are 1 to 3%	99857	143.50	144.50	1.00	NIL-TR	.260	.26
		carbonate veins as fracture filling. Nil to trace	99858	144.50	145.50	1.00	NIL-TR	.260	.26
		pyrite as fine blebs disseminated. Upper and lower							
		contact are 15 and 50 degrees to the core axis. 1 to 4							
		mm variolites appear on pillow selvages, 10 cm to 1 m							
		spaced.							
		118.44 119.30 : moderately fractured core.							
		120.05 120.80 : moderately fractured core.							
		120.80 123.14 : moderately fractured core intercalated 1%, 5 to 8 cm white barren quartz - carbonate veins.							
		130.00 131.52 : white barren, quartz vein, contacts are 15 and 60 degrees to the core axis.							
		140.80 141.04 : white barren quartz - chlorite vein contacts are 45 degrees to the core axis.							
		144.50 145.50 : BASALT is intercalated with 1% cm silicification and quartz veins.							
		115.15 145.50 Pillowed variolitic.							
145.50	153.92	INTERMEDIATE INTRUSIVE							
			99859	148.10	149.10	1.00	NIL	.190	.19
			99860	149.10	150.10	1.00	NIL	.260	.26
		To felsic intrusive.							
		Light grey, fine grained to medium grained, not magnetic. Weakly epidotised. Trace calcite veins as fracture fillings. Barren of mineralization.							
		148.40 150.10 : intrusive is intercalated with a few odd 1 to 15 cm white barren quartz veins.							
		152.00 153.92 : granular textured.							
		153.90 END OF HOLE.							



REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.
	for GOLDROCK RESOURCES INC. & GLEN AUDEN RESOURCES LTD.
	title REEVES JOINT VENTURE PROPERTY CLAIM MAP
	Date: Feb. 89 | Scale: 1:32500 | N.T.S.:
	Drawn: R.B | Approved: | File: [illegible]-223


L 0+00
1+00E
2E
3E
4E
5E
6E
8E
Reeves Twp.
Sewell Township.
P. 933528
N
15m West
SR-6, 6B
end 6B
Baseline 0
Reeves Twp.
Penhorwood Twp
SR-11 (15m West)
end 6.
Penhorwood Twp.
Kenogaming Twp.
EOH 11
180m North
120m North
Tie Line 4+00S
Location Sketch
Drill holes
SR-6, 6B, 11
Sewell and Kenogaming
Townships.
DRA 30/11/89
Scale 1:5000

AMERICAN BARRICK RESOURCES CORPORATION

Co-or[redacted] .0 .0 DIAMOND DRILL RECORD HOLE NO.: SR.89-11

Azimuth: 180.0 Section: L4+00E Property: SEWELL-REEVES

Dip: -50.0 Core Size: BQ Location: L4+00E 0+07S

Elevation: .0

Length: 184.7 Date Started: October 11, 1989
Date Completed: October 18, 1989
Logged by: M. Bergeron

Measurement: Metric

Comments: Casing lost in hole

Depth	Azimuth	Dip	Depth	Azimuth	Dip	Depth	Azimuth	Dip
45.72		-49.0	91.44		-46.0			

----------Log Summary----------

.00 21.34 CASING.

21.34 48.71 FAULT ZONE mineralized.

48.71 87.20 Sheared BASALT.

79.30 - 80.0 felsic intrusive.
81.30 - 82.45 felsic intrusive.

87.20 184.71 BASALT.

130.45 - 131.80 felsic intrusive.
151.18 - 154.10 LAMPROPHYRE.

184.71 END OF HOLE.

Dave R Alexander
AMERICAN BARRICK
RESOURCES CORPORATION

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
.00	21.34	CASING							
		Casing reamed to 31.09 m.							
21.34	48.71	FAULT ZONE							
			97101	21.34	21.94	.60	2-3	.030	.05
			97102	21.94	22.94	1.00	2-3	.070	.07
		Mineralized. Moderately soft dark grey to pale grey, fine grained to granular textured, not magnetic, FOLIATED BASALT. Strongly sheared and faulted.	97103	23.71	24.71	1.00	1-3	.060	.06
			97104	24.71	25.71	1.00	1-3	.090	.09
			97105	25.71	26.71	1.00	1-3	.060	.06
		Moderately to strongly fractured core with intercalated numerous clay-grit seams, ground core, and gouge. There are 3.67 m lost core.	97106	26.71	27.71	1.00	1-3	.040	.04
			97107	27.71	28.81	1.10	1-3	.088	.08
			97108	30.51	31.51	1.00	1-3	.070	.07
		Strongly chloritic pervasively, weakly hematized along fractures and within vugs, moderately ankeritic as mm veins pinched along foliation. Locally yellow brown iron oxide alteration. There is a weak graphitic alteration along foliation.	97109	31.51	32.51	1.00	1-3	.060	.06
			97110	32.51	33.51	1.00	1-3	.080	.08
			97111	34.16	35.16	1.00	1-3	.070	.07
			97112	35.16	36.16	1.00	1-2	.060	.06
			97113	36.16	37.16	1.00	1-2	.090	.09
		There are 2 to 5% mm to cm vugs within the fault zone.	97114	37.16	38.16	1.00	1-2	.060	.06
		There is 1 to 6% pyrite as fine blebs or grains disseminated, also as fine stringers or nodules elongated along foliation associated with minor quartz and ankerite veins and as very fine euhedral grains filling vugs.	97115	38.16	39.16	1.00	2-6	.090	.09
			97116	39.16	40.16	1.00	1-4	.070	.07
			97117	40.16	41.16	1.00	2-6	.080	.08
			97118	41.16	42.16	1.00	2-5	.120	.12
			97119	42.16	43.16	1.00	2-6	.160	.16
		There are 2 to 5% very fine, barren, ankerite veins pinched or boudinaged along foliation. There are 1 to 3%, 2 mm to 1 cm wide, pinched quartz - ankerite veins mineralized.	97120	43.16	44.16	1.00	2-6	.190	.19
			97121	44.71	45.71	1.00	2-6	.090	.09
			97122	45.71	46.71	1.00	1-3	.060	.06
			97123	46.71	47.71	1.00	1-3	.080	.08
		Foliation averages 60 to 70 degrees to the core axis.	97124	47.71	48.71	1.00	1-5	.090	.09
		21.34 23.16 : 0.22 m lost core.							
		23.16 26.21 : 0.55 m lost core.							
		26.21 29.26 : 0.45 m lost core.							
		29.26 32.31 : 1.25 m lost core.							
		32.31 35.36 : 0.65 m lost core.							
		41.45 44.50 : 0.55 m lost core.							

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
48.71	87.20	BASALT							
			97125	48.71	49.71	1.00	1-4	.260	.26
			97126	49.71	50.71	1.00	1-4	.020	.02
		Sheared. Pale grey to grey brown, moderately hard, fine grained, not magnetic, sheared and foliated mafic volcanic.	97127	50.71	51.71	1.00	1-4	.040	.04
			97128	51.71	52.71	1.00	1-4	.010	.01
			97129	52.71	53.71	1.00	1-4	.110	.11
		Moderately chloritic and calcitic, moderately sericitic as mm to cm bands subparallel to foliation.	97130	53.71	54.71	1.00	1-4	.190	.19
			97131	54.71	55.71	1.00	1-4	.200	.20
		There are 1 to 5%, 2 mm to 1.5 cm wide white calcite veins pinched or brecciated along foliation. These veins contain pyrite blebs or nodules.	97132	55.71	56.71	1.00	1-4	.160	.16
			97133	56.71	57.71	1.00	1-4	.130	.13
			97134	57.71	58.71	1.00	1-4	.150	.15
		There is 1 to 4% pyrite as fine blebs or nodules disseminated.	97135	58.71	59.71	1.00	1-4	.170	.17
			97136	59.71	60.71	1.00	1-4	.130	.13
		Foliation average 70 degrees to the core axis. Common crenulations crosscut foliation at 40 to 50 degrees to the core axis.	97137	60.71	61.71	1.00	1-4	.150	.15
			97138	61.71	62.71	1.00	1-4	.170	.17
			97139	62.71	63.71	1.00	1-4	.200	.20
		53.50 56.35 : moderately to strongly fractured section.	97140	63.71	64.71	1.00	1-4	.190	.19
		72.90 87.20 : gradational contacts into mafic volcanic sericitic weakly foliated to massive. This section is locally weakly to moderately magnetic. There is 1 to 4% pyrite, nil to 2% pyrrhotite.	97141	64.71	65.71	1.00	1-4	.130	.13
			97142	65.71	66.71	1.00	1-4	.180	.18
			97143	66.71	67.71	1.00	1-4	.230	.23
			97144	67.71	68.71	1.00	1-4	.150	.15
			97145	68.71	69.71	1.00	1-4	.210	.21
		79.30 80.00 81.30 82.45 felsic intrusive. Hard, grey to pale grey, aphanitic, felsic intrusives. There are 5 to 15%, 1 to 3 mm wide quartz phenocrysts. Contacts are irregular. Trace very fine pyrite disseminated.	97146	69.71	70.71	1.00	1-4	.230	.23
			97147	70.71	71.71	1.00	1-4	.220	.22
			97148	71.71	72.71	1.00	1-4	.200	.20
			97149	72.71	73.71	1.00	1-4	.220	.22
			97150	73.71	74.71	1.00	1-4	.190	.19
			97151	74.71	75.71	1.00	1-4	.190	.19
			97152	75.71	76.71	1.00	1-4	.170	.17
			97153	76.71	77.71	1.00	1-4	.190	.19
			97154	77.71	78.71	1.00	1-4	.210	.21
			97155	78.71	79.30	.59	1-4	.124	.21
			97156	79.30	80.00	.70	TR	.126	.18
			97157	80.10	81.30	1.20	1-2	.504	.42
			97158	81.30	82.45	1.15	TR	.322	.28
			97159	82.45	83.45	1.00	1-4	.280	.28
			97160	83.45	84.45	1.00	1-4	.250	.25
			97161	84.45	85.45	1.00	1-4	.230	.23
			97162	85.45	86.45	1.00	1-4	.220	.22
			97163	86.45	87.20	.75	1-4	.188	.25
87.20	184.71	BASALT							
			97164	87.20	88.20	1.00	TR	.170	.17
			97165	88.20	89.20	1.00	TR	.150	.15
		A sequence of very fine grained to fine grained mafic volcanics, moderately hard, pale grey to beige grey, weakly foliated, not magnetic.	97166	89.20	90.20	1.00	TR	.250	.25
			97167	90.20	91.20	1.00	TR	.110	.11
			97168	101.00	102.00	1.00	TR	.140	.14

From	To	Description
		Moderately chloritic, weakly to moderately sericitic, weakly to moderately carbonatized, mostly ankeritic. There are 1 to 3%, 1 to 3 mm wide ankerite quartz veins subparallel to the weak foliation averaging 60 degrees to the core axis, with rare 1 to 3 mm white to white - blue quartz veins along foliation. There is trace pyrite as fine blebs or recrystallized euhedral grains disseminated.
87.20	91.22	: pale grey, weakly to moderately foliated, locally weakly brecciated mafic volcanic. There are 1 to 2% white and white - blue quartz veins, 2 mm to 1 cm wide at random angles.
91.22	100.00	: pale grey, massive to weakly foliated section.
100.00	107.00	: beige grey, weakly foliated at 0 to 5 degrees to the core axis, moderately sericitic section, weakly to moderately calcitic.
107.00	110.80	: beige grey, weakly foliated, moderately sericitic mafic volcanic.
110.80	110.97	: LAMPROPHYRE dyke, contacts are 50 and 60 degrees to the core axis, weakly magnetic.
110.97	114.65	: pale grey to beige grey, variably sericitic section, weakly foliated.
114.65	115.15	: pale grey moderately foliated mafic volcanic with 2 LAMPROPHYRE dykes, 2 cm and 9 cm wide, contacts are 55 degrees to the core axis.
115.15	115.35	: strongly fractured core.
115.35	130.45	: alternating in meter-wide bands pale grey and beige grey mafic volcanics. Weakly to moderately foliated. Locally trace pyrrhotite.
130.45	131.80	Felsic intrusive. Hard, grey to pale grey aphanitic felsic intrusive. There are 5 to 15%, 1 to 5 mm wide quartz phenocrysts. Trace very fine pyrite disseminated. Contacts are 40 and 85 degrees to the core axis.
131.80	143.40	: pale grey to dark grey, weakly sericitic section, massive to weakly foliated. From 140.70 to 140.90 there are two, 7 cm and 4 cm wide white blue quartz calcite veins mineralized with 10% nodular pyrite. Veins are subparallel to foliation at 60 to 70 degrees to the core axis.
143.40	151.18	: grey beige to grey green, moderately sericitic, weakly epidotised, weakly foliated and locally contorted section.
151.18	154.10	LAMPROPHYRE. Mottled dark grey brown, medium to coarse grained lamprophyre dyke.

Sample	From	To	Length	% Sul	GW	Au g/t
97169	102.00	103.00	1.00	TR	.140	.14
97170	110.00	111.00	1.00	TR	.100	.10
97171	122.50	123.50	1.00	TR	.070	.07
97172	129.45	130.45	1.00	TR	.110	.11
97173	130.45	131.80	1.35	TR	.135	.10
97174	131.80	132.80	1.00	TR	.100	.10
97175	140.20	141.20	1.00	TR-10	.190	.19
97176	150.18	151.18	1.00	TR	.620	.62
97177	151.18	152.18	1.00	NIL	.180	.18
97178	152.18	153.18	1.00	NIL	.080	.08
97179	153.18	154.10	.92	NIL	.074	.08
97180	154.10	155.10	1.00	TR	.310	.31
97181	159.50	160.50	1.00	TR-1	.210	.21
97182	171.80	172.80	1.00	TR	.080	.08
97183	172.80	173.80	1.00	TR	.040	.04

From	To	Description	Sample	From	To	Length	% Sul	GW	Au g/t
		Strongly calcitic, moderately biotitic. Moderately magnetic. Poorly veined, barren of mineralization. Contacts are 20 and 40 degrees to the core axis.							
154.10	159.78	: pale grey, weakly sericitic, massive to weakly foliated section.							
159.78	160.32	: beige grey, moderately sericitic, moderately to strongly foliated and contorted section. Foliation varies from 60 to 5 degrees to the core axis. 1% pyrite as medium grained blebs disseminated							
160.32	173.80	: pale grey to grey beige, massive to locally moderately foliated. Some decimeter sections are weakly brecciated. Foliation varies from 70 to 5 degrees to the core axis.							
173.80	184.71	: pale beige grey to grey - green, moderately sericitic, weakly epidotised section. Weakly foliated to massive. Foliation is contorted from 178.20 to 179.0.							
184.71		END OF HOLE.							

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 66
Lab ID: 89930-1x

Date: Sept 30, 1989
Acct. No.: Exploration

SR-89-1

SAMPLE	g/t Au
99701	0.06
02	0.20
03	0.35
04	0.10
05	0.12
06	0.20
07	0.17
08	0.15
09	0.16
10	0.14/0.13
11	0.17
12	0.25
13	0.12
14	0.33

SR-89-1

SAMPLE	g/t Au
99715	0.13
16	0.08
17	0.15
18	0.13
19	0.87
20	0.33/0.28
21	0.49
22	0.17
23	0.09
24	0.10
25	0.08
26	0.71
27	0.22
28	0.14
29	0.12
30	0.11/0.10
31	0.08
32	0.10
33	0.09
34	0.21
35	0.09
36	0.10
37	0.10
38	0.15
39	0.15
40	0.12/0.12
41	0.13
42	0.11
43	0.16
44	0.10
45	0.17
46	0.13

SR-89-2

SAMPLE	g/t Au
99747	0.10
48	0.10
49	0.10
50	0.09

SR-89-2

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 77
Lab ID: 89003-1x

Date: Oct. 03, 1989
Acct. No.: Exploration

	SAMPLE	g/t Au
SR-2	99751	0.12
	52	0.10
	53	0.09
	54	0.05
	55	0.12
	56	0.16
	57	0.12
	58	0.08
	59	0.07
	60	0.06/0.06
	61	0.04
	62	0.02
SR-3	63	0.06
	64	0.07
	65	0.08
	66	0.06
	67	0.03
	68	0.03
	69	0.16
	70	0.17/0.16
	71	0.13
	72	0.14
	73	0.10
	74	0.12
	75	0.10
	76	0.11
	77	0.12
	78	0.09
	79	0.11
	80	0.08/0.09
	81	0.13
	82	0.12

	SAMPLE	g/t Au
SR-3	99783	0.08
	84	0.10
	85	0.07
	86	0.09
	87	0.07
	88	0.08
	89	0.13
	90	0.18/0.17
	91	0.15
	92	0.14
	93	0.16
	94	0.22
	95	0.16
	96	0.15
	97	0.17

Signed

/51

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 93
Lab ID: 89004-1x

Date: Oct. 04, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au

SR-3

99798	0.18
99	0.25
99800	0.18/0.16
01	0.14
02	0.13

Signed

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AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 105
Lab ID: 89011-2x

Date: Oct. 11, 1989
Acct. No.: Exploration

all SR-10

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
89803	0.18				
04	0.09				
05	0.10				
06	0.12				
07	0.13				
08	0.13				
09	0.12				
10	0.11/0.10				
11	0.08				
12	0.10				
13	0.04				
14	0.08				
15	0.09	89822	0.07		
16	0.10	23	0.06		
17	0.10	24	0.03		
18	0.09	25	0.04		
19	0.11	26	0.05		
20	0.10/0.10	27	0.04		
21	0.07	28	0.05		

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 99
Lab ID: 89015-3x

Date: Oct. 15, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
99956	0.05
57	0.07
58	0.07
59	0.70
60	0.05/0.04
61	0.05
62	0.12
63	0.12
99964	0.13
65	0.12
66	0.13
67	0.12
68	0.14
69	0.12
70	0.19/0.25
71	0.12
72	0.12
73	0.05
74	0.07
75	0.05
76	0.07
77	0.07
78	0.05
79	0.04
80	0.05/0.05
81	0.06
82	0.04
83	0.03
84	0.10
85	0.11
86	0.07
87	0.07
88	0.08
89	0.06
90	0.08/0.10

all SR-6.

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 102
Lab ID: 89015-2x

Date: Oct. 15, 1989
Acct. No.: Exploration

	SAMPLE	g/t Au
SR-5	99929	0.13
	30	0.18/0.22
	31	0.10
	32	0.16
	33	0.11
	34	0.12
SR-6	35	0.13
	36	0.07
	37	0.11
	38	0.08
	39	0.10
	40	0.11/0.09
	41	0.14
	42	0.06
	43	0.08
	44	0.07
	45	0.07
	46	0.18
	47	0.09
	48	0.06
	49	0.06
	50	0.10/0.12
	51	0.15
	52	0.12
	53	0.12
	54	0.11
SR-10	99829	0.04
	30	0.09/0.10
	31	0.25
	32	0.42
	33	0.43
	34	0.36

	SAMPLE	g/t Au
SR-10	99835	0.38
	36	0.34
	37	0.29
	38	0.29
	39	0.30
	40	0.30/0.32
SR-5	41	0.03
	42	0.03
	43	0.04
	44	0.03
	45	0.04
	46	0.03
	47	0.04
	48	0.13
	49	0.14
	50	0.15/0.13
	51	0.15
	52	0.15
SR-10	53	0.25
	54	0.23
	55	0.15
	56	0.22
	57	0.26
	58	0.26
	59	0.19
	60	0.26/0.25

SAMPLE	g/t Au	
99955	0.10	→ SR-6

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 86
Lab ID: 89016-1x

Date: Oct. 16, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				99861	0.15
				62	0.13
				63	0.12
				64	0.12
				65	0.10
				66	0.11
				67	0.11
				68	0.09
				69	0.07
				70	0.07/0.07
				71	0.05
				72	0.04
				73	0.05
				74	0.04
				75	0.03
				76	0.04
				77	0.06
				78	0.04
				79	0.05
				80	0.07/0.05
				81	0.05
				82	0.22
				83	0.11

all SR-5

Signed

[redacted]

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine

P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 100
Lab ID: 89017-1x

Date: Oct. 17, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
99884	0.18
85	0.17
86	0.41
87	0.16
88	0.17
89	0.20
90	0.15/0.17
91	0.11

SAMPLE	g/t Au
99892	0.19
93	0.18
94	0.20
95	0.18
96	0.22
97	0.18
98	0.18
99	0.18
99900	0.20/0.18
01	0.21
02	0.21
03	0.16
04	0.29
05	0.19
06	0.12
07	0.16
08	0.24
09	0.16
10	0.20/0.15
11	0.33
12	0.13
13	0.13
14	0.12
15	0.12
16	0.13
17	0.14
18	0.11
19	0.15
20	0.12/0.12
21	0.12
22	0.09
23	0.25

SAMPLE	g/t Au
99924	0.16
25	0.15
26	0.19
97001	0.16
02	0.13
03	0.19
04	0.32
05	0.17
06	0.35
07	0.28
08	0.26
09	0.73
10	0.27/0.27
11	0.25
12	0.30
13	0.36
14	0.36
15	0.32
16	0.25
17	0.18
18	0.19
19	0.20
20	0.20/0.19
21	0.18
22	0.18
23	0.19
24	0.19

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine

P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 98
Lab ID: 89019-1x

Date: Oct. 19, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				97025	0.17
				26	0.14
				27	0.12
				28	0.14
				29	0.11
				30	0.12/0.12
				31	0.12
				32	0.10
				33	0.13
				34	0.18
				35	0.34
				36	0.13
				37	0.15
				38	0.14
				39	0.13
				40	0.14/0.11
				41	0.10
				42	0.11
				43	0.08
				44	0.09
				45	0.15
				46	0.09
				47	0.12
				48	0.11
				49	0.11

SR-4

on North claim.

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 102
Lab ID: 89020-1x

Date: Oct. 20, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				97050	0.10/0.10
				51	0.10
SR-4				52	0.11
North claim				53	0.09
				99991	0.12
				92	0.06
				93	0.14
SR-6				94	0.18
—				95	0.04
				96	0.08
				97	0.10
				98	0.12
				99	0.12
				100000	0.14/0.12

PTR

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 98
Lab ID: 89022-1x

Date: Oct. 22, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
97501	0.05				
02	0.05				
03	0.07				
04	0.10				
05	0.06				
06	0.09				
07	0.05				
08	0.06				
09	0.07				
10	0.08/0.09				
11	0.06				
12	0.10				
13	0.18				
14	0.13				
SR-6 15	0.08				
16	0.04				
17	0.03				
18	0.06				
19	0.08				
20	0.07/0.06				
21	0.04				
22	0.22				
23	0.31				
24	0.27				
25	0.09				
26	0.13				
27	0.10				
28	0.08				
29	0.07				
30	0.10/0.09				
31	0.04				

BTM.

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 63
Lab ID: 89024-1x

Date: Oct. 24, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
SR-5	99927		0.33		
	28		0.21		

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 73
Lab ID: 89025-1x

Date: Oct. 25, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				97101	0.05
				02	0.07
				03	0.06
				04	0.09
				05	0.06
				06	0.04
				07	0.08
				08	0.07
				09	0.06
				10	0.08/0.08
				11	0.07
				12	0.06
				13	0.09
				14	0.06
				15	0.09
				16	0.07
				17	0.08

SR-11

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 79
Lab ID: 89027-1x

Date: Oct. 27, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				97134	0.15
				35	0.17
				36	0.13
				37	0.15
				38	0.17
				39	0.20
				40	0.19/0.19
				41	0.13
				42	0.18
				43	0.23
				44	0.15
				45	0.21
			SR-11	46	0.23
				47	0.22
				48	0.20
				49	0.22
				50	0.20/0.18
				51	0.19
				52	0.17
				53	0.19
				54	0.21
				55	0.21
				56	0.18
				57	0.42
				58	0.28
				59	0.28
				60	0.26/0.23
				61	0.23
				62	0.22
				63	0.25

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 96
Lab ID: 89027-2x

Date: Oct. 27, 1989
Acct. No.: Exploration

SAMPLE	g/t Au	SAMPLE	g/t Au	SAMPLE	g/t Au
				97118	0.12
				19	0.16
				20	0.19
				21	0.09
				22	0.06
				23	0.08
				24	0.09
				25	0.26
				26	0.02
				27	0.04
				28	0.01
				29	0.11
				30	0.19/0.18
				31	0.20
				32	0.16
				33	0.13
				97164	0.17
				65	0.15
				66	0.25
				67	0.11
				68	0.14
				69	0.14
				70	0.09/0.10
				71	0.07
				72	0.11
				73	0.10
				74	0.10

SR-11

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 107
Lab ID: 89029-1x

Date: Oct. 29, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
97175	0.19
76	0.62
77	0.18
78	0.08
79	0.08
80	0.29/0.32
81	0.21
82	0.08
83	0.04
84	0.09
85	0.23
86	0.13
87	0.16
97188	0.04
89	0.06
90	0.09/0.08
91	0.07
92	0.08
93	0.08
94	0.08
95	0.07
96	0.23
97	0.09
98	0.09
99	0.09
97200	0.18/0.22
01	0.49
02	0.28
03	0.08
04	0.07
05	0.14
06	0.07
07	0.06
08	0.06
09	0.05
10	0.14/0.14
11	0.04
12	0.06
13	0.04
14	0.05
15	0.09
16	0.07
17	0.05
18	0.09
19	0.08
20	0.12/0.12

SR-11

SR-7

SR-7

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 45
Lab ID: 89031-2x

Date: Oct. 31, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
97253	0.03
54	0.15
55	0.17

SAMPLE	g/t Au
97221	0.17
22	0.36
23	0.04
24	0.09
25	0.10
26	0.08
27	0.07
28	0.01
29	0.04
30	0.03/0.03
31	0.08
32	0.10
33	0.07
34	0.08
35	0.04
36	0.06
37	0.09
38	0.16
39	0.10
40	0.10/0.10
41	0.08
42	0.15
43	0.09
44	0.10
45	0.08
46	0.06
47	0.07
48	0.24
49	0.14
50	0.13/0.11
51	0.12
52	0.24

SR-8

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine

P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 108
Lab ID: 89N03-1x

Date: Nov. 03, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
97320	0.03/0.02
21	0.04
22	0.04
23	0.03
24	0.02
25	0.02
26	0.02

SR-9

SAMPLE	g/t Au
97256	0.13
57	0.18
58	0.08
59	0.05
60	0.07/0.06
61	0.15
62	0.10
63	0.21
64	0.08
65	0.09
66	0.07
67	0.19
68	0.17
69	0.24
70	0.13/0.10
71	0.06
72	0.08
73	0.15
74	0.08
75	0.06
76	0.05
77	0.04
78	0.04
79	0.05
80	0.08/0.07
81	0.06
82	0.07
83	0.07
84	0.10
85	0.04
86	0.15
87	0.06

SR-8

SAMPLE	g/t Au
97288	0.06
89	0.12
90	0.10/0.12
91	0.14
97292	0.14
93	0.10
94	0.10
95	0.08
96	0.10
97	0.15
98	0.09
99	0.10
97300	0.07/0.08
01	0.13
02	0.09
03	0.08
04	0.08
05	0.07
06	0.05
07	0.27
08	0.09
09	0.05
10	0.11/.010
11	0.09
12	0.04
97313	0.06
14	0.29
15	0.04
16	0.27
17	0.03
18	0.44
19	0.08

≤ SR-9

HPL

Signed

BARRICK

AMERICAN BARRICK RESOURCES CORPORATION

Holt-McDermott Mine
P.O. Box 278, Kirkland Lake, Ont., P2N 3H7

Assay Certificate

No. of Determinations: 100
Lab ID: 89N08-1x

Date: Nov. 08, 1989
Acct. No.: Exploration

SAMPLE	g/t Au
97359	0.11
60	0.10/0.15
61	0.11
62	0.29
63	0.11
64	0.13
65	0.09
66	0.08
67	0.24
68	0.12
69	0.10
70	0.06/0.05
71	0.10

SR-9

SAMPLE	g/t Au
97327	0.18
28	0.05
29	0.06
30	0.16/0.13
31	0.10
32	0.09
33	0.10
34	0.30
35	0.09
36	0.11
37	0.15
38	0.13
39	0.16
40	1.00
41	0.21
42	0.31
43	0.08
44	0.07
45	0.08
46	0.07
47	0.11
48	0.07
49	0.08
50	0.08/0.10
51	0.06
52	0.12
53	0.10
54	0.18
55	0.06
56	0.10
57	0.18
58	0.27

Signed

REFERENCE

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY

S.R.O. – SURFACE RIGHTS ONLY

M.+ S. – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	File
(R1)	400' RESERVE			S.R.O.	135537
(R2)	SEC. 43/70	W.91/72	27/12/72	S.R.O	163006 V.2
(R3)	SEC. 36/80		11/7/81	S.R.O.	135537

(R4) ORDER OF THE MINISTER #33/87 DATED MARCH 30/87 WITHDRAWS MINING AND SURFACE RIGHTS UNDER SECTION 36 OF THE MINING ACT, RSO 1980

SAND AND GRAVEL

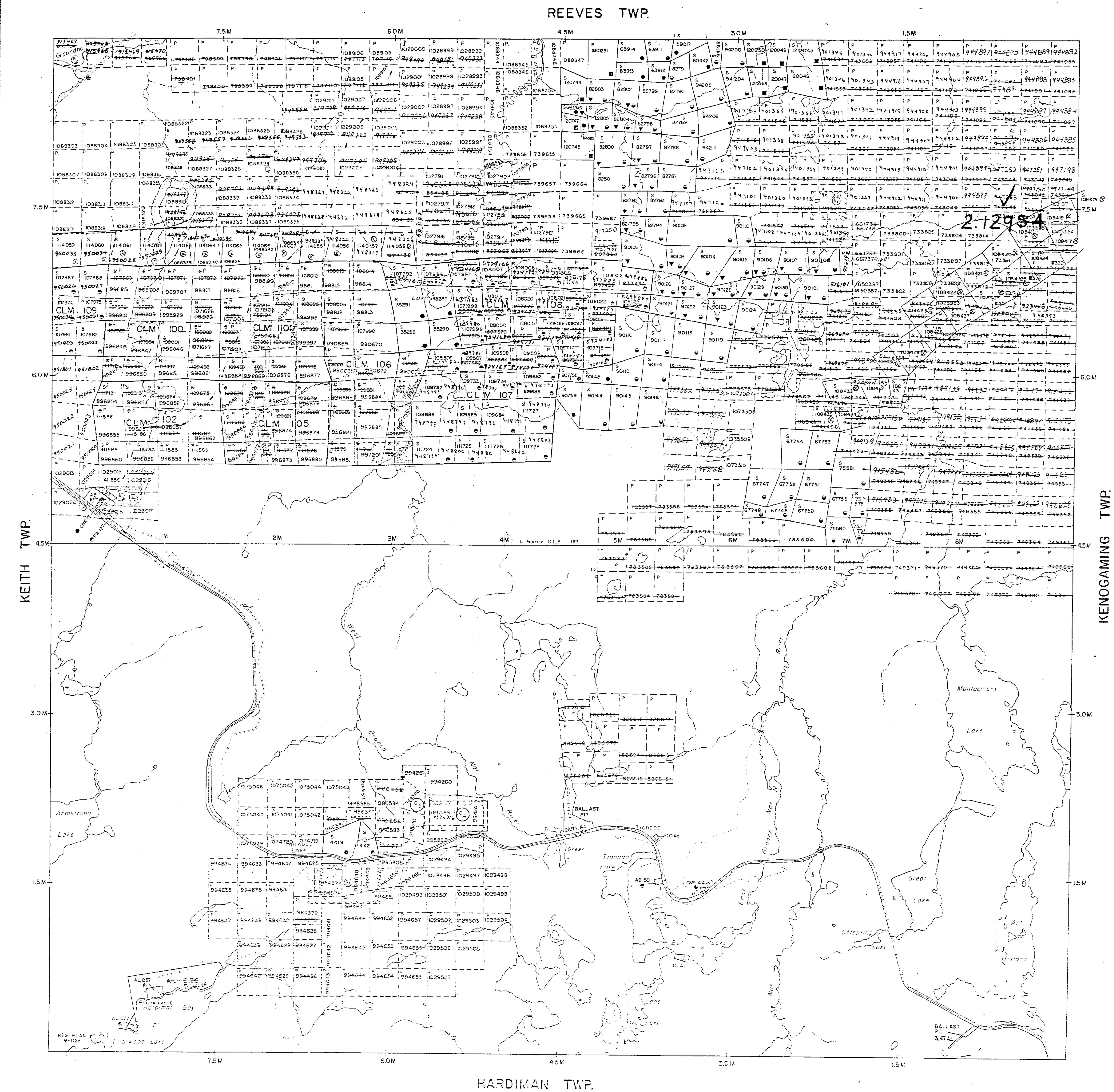
(G1)	GRAVEL	FILE	38729
(G2)	GRAVEL PIT	FILE	13555 V.6
(G3)	GRAVEL	FILE	106274

(G4) QUARRY PERMIT # 22805 ISSUED FOR THE REMOVAL OF QUARTZ JULY 1, 1987

(G5) QUARRY PERMIT # 22808 ISSUED FOR THE REMOVAL OF QUARTZ SEPT. 10, 1987

NOTES

FLOODING RIGHTS ON HORWOOD LAKE RESERVED TO ONTARIO HYDRO TO CONTOUR ELEVATION 1127' .... L.O. 7746



200

LEGEND

HIGHWAY AND ROUTE No.	
OTHER ROADS	
TRAILS	
SURVEYED LINES:	
TOWNSHIPS, BASE LINES, ETC.	
LOTS, MINING CLAIMS, PARCELS, ETC.	
UNSURVEYED LINES:	
LOT LINES	
PARCEL BOUNDARY	
MINING CLAIMS ETC.	
RAILWAY AND RIGHT OF WAY	
UTILITY LINES	
NON-PERENNIAL STREAM	
FLOODING OR FLOODING RIGHTS	
SUBDIVISION OR COMPOSITE PLAN	
RESERVATIONS	
ORIGINAL SHORELINE	
MARSH OR MUSKEG	
MINES	⚒
TRAVERSE MONUMENT	⌖

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◓
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	▀
" , MINING RIGHTS ONLY	▄
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	(R)
CANCELLED	⊗
SAND & GRAVEL	(G)
LAND USE PERMIT	*

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

PENHORWOOD

M.N.R. ADMINISTRATIVE DISTRICT

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ontario Ministry of Natural Resources — Land Management Branch

Date	Number
MARCH 1985	G-3244
checked	

MELROSE TWP

FREY TWP

KEEFER TWP.

REEVES TWP.

HILLARY TWP.

KENOGAMING TWP.

PHARAND TWP.

PROJECTED LINE

Crawford River

West Crawford

Opishing Lake

Weston Lake

Eastman Lake

Crossover Lake

Frenchette Lake

Beaucage L.

Misty Lake

Robson Lake

Deerfoot Lake

P-7044

Ry 219

RW 295 Pl. 1

Pl. 2 RW 295

1M WP 13 chs.

5M WP 15.32 chs.

5M. WP 0.40 ch.

7M 1.07 chs. 3.50 chs.

74.315

S.90428

S.90429

S.6711

S.36915

S.36940

S.36916

S.36941

2 12954

42A04NW0113 2.12954 REEVES

210

LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES:
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	▭
" , MINING RIGHTS ONLY	▭
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

TOWNSHIP

SEWELL

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

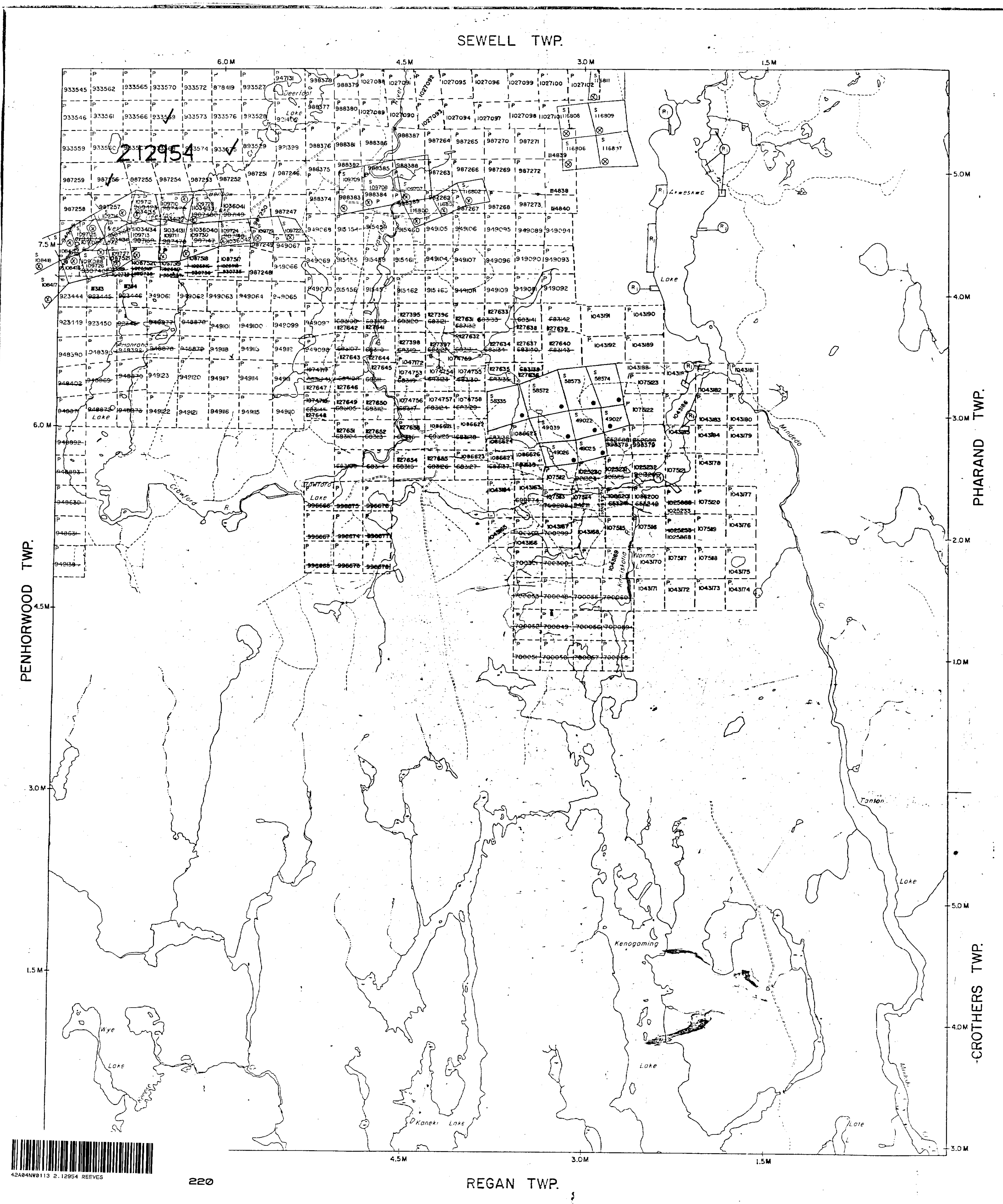
PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ministry of Natural Resources — Land Management Branch — Ontario

Date	Number
MARCH, 1985	G-3247



LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES:
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◓
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	⬒
" , MINING RIGHTS ONLY	⬓
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	Ⓡ
CANCELLED	⊗
SAND & GRAVEL	Ⓢ

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000

METRES 0 200 1000 (1 KM) 2000 (2 KM)

NOTE

(P1) PROPOSED COTTAGING AREAS NOTICE RECEIVED DEC. 22/88

RECEIVED NOV 7 1989

TOWNSHIP

KENOGAMING

M.N.R. ADMINISTRATIVE DISTRICT

TIMMINS

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY DIVISION

SUDBURY

Ontario Ministry of Natural Resources — Land Management Branch

Date APRIL 1985

RECEIVED APR 22 '87

Number G-3239

MELROSE TP. M.861

MUSKEGO TP. M.881

SEWELL TP. M.1102

PENHORWOOD TP. M.1055

THE TOWNSHIP OF

REEVES

DISTRICT OF SUDBURY

PORCUPINE MINING DIVISION

SCALE: 1-INCH = 40 CHAINS

LEGEND

PATENTED LAND	● or (P)
CROWN LAND SALE	C.S.
LEASES	(L)
LOCATED LAND	Loc.
LICENSE OF OCCUPATION	L.O.
MINING RIGHTS ONLY	M.R.O.
SURFACE RIGHTS ONLY	S.R.O.
ROADS	
IMPROVED ROADS	
KING'S HIGHWAYS	
RAILWAYS	
POWER LINES	
MARSH OR MUSKEG	
MINES	
CANCELLED	X
PATENTED S.R.O.	C

NOTES

400' surface rights reservation along the shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act (R.S.O. 1970)

Order No.	File	Date	Disposition
(43)	163002	27/7/72	S.R.& M.R.

(43) S.R.O. withdrawn from staking under Sec 34(4) of the Mining Act (R.S.O. 1960) File 163006

PORCUPINE MINING DIVISION
RECEIVED
JUN 1989

Rec. Feb 11/80

PLAN NO. M.1074

ONTARIO
MINISTRY OF NATURAL RESOURCES
SURVEYS AND MAPPING BRANCH

42A04NW8113 2.12954 REEVES

230