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**1998 GEOLOGICAL and GEOCHEMICAL
ASSESSMENT REPORT
ON THE GATO NEGRO PROPERTY**

Quartz Claims

Gato Negro 001-012 YC01227-01238

Dec. 15, 1999

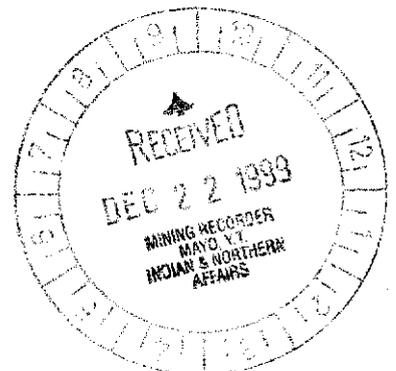
Mayo Mining District
N.T.S. 105J/13

Latitude: 62°57' North
Longitude: 131°48' West

Owner: Viceroy Exploration (Canada), Inc.

Author: Rick Diment

Date of work: July 1998



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 4382.

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

TABLE OF CONTENTS

SUMMARY	1
CHAPTER 1: INTRODUCTION	2
1.1 Introductory Statement	2
1.2 Location and Access	2
1.3 Physiography and Vegetation	2
1.4 Property Exploration History	2
1.5 Work Program	6
1.5.1 Sample Preparation and Assay Procedure	6
1.5.2 Personnel	6
CHAPTER 2: GEOLOGY	8
2.1 Regional Geology	8
2.2 Property Geology	8
CHAPTER 3: MINERALIZATION	10
3.1 Property Mineralization	10
CHAPTER 4: CONCLUSIONS	11
CHAPTER 5: RECOMMENDATIONS	12
BIBLIOGRAPHY	13
STATEMENT OF QUALIFICATIONS	14

LIST OF TABLES

	Page
Table 1	Status of Claims After 1998 Filing 6
Table 2	Stratigraphic Column: Gato Negro Property 9

LIST OF FIGURES

Figure 1	General Location Map..... 3
Figure 2	Land Tenure and Regional Geology Map 4
Figure 3	Government Claim Map..... 5
Figure 4	Sample Location Map 7

APPENDICES

Appendix 1	Applicable Expenditures For Assessment Credits
Appendix 2	Rock Assay Results
Appendix 3	Silt Assay Results

LIST OF PLATES

Plate 1	Gato Negro Compilation and Gold Geochemistry 1:10,000
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SUMMARY

The Gato Negro Property, consisting of the Gato Negro 1-12 Claims located in Central Yukon on NTS sheets 105 J/13, was staked in 1998 by Viceroy Exploration (Canada), Inc.

The Gato Negro Property is located within the Paleozoic Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in formation of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Members of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Tombstone Suite intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

Extensive thrust faulting along the entire extent of the Selwyn Basin began during Late Jurassic time, resulting in creation of a compressional regime. Most thrust faults are oriented roughly ESE, dipping to the south-west, subparallel to the overall ESE trend of stratigraphy. This regional lineation has been overprinted by a slightly less pronounced NE-SW lineation, marked by high angle orthogonal faults suggesting the compressional regime was followed by an extensional tectonic regime.

Most higher elevations on the Gato Negro property are underlain by chert to chert breccia, although talus seen from a distance may be of dyke material. A series of concentric circular features shown by drainage patterns is centred on the property, and suggests a large buried intrusive unit. The property covers a fairly widespread weakly scoroditic baritic vein and vein breccia zone about three kilometres upstream of an RGS sample returning 35 ppb Au and > 95 percentile mercury values. A circular chert breccia zone with scoroditic infilling occurs roughly two kilometres to the north-west. This occurs within a chert ridge along a NNE trending lineament, and may be caused by buckling of sediments overlying a small stock or cupola related to the intrusive. If fractionation continued throughout emplacement of the large intrusive, this may represent a highly evolved late intrusive phase, and may be a highly favourable exploration target.

During 1998 a total of 49 rock, 165 silt and 66 soil samples were collected in the vicinity of what would become the Gato Negro Claims. Applicable work for assessment included 16 rock and 1 silt sample, collected in late July, as well as geological mapping and prospecting.

Rock sampling of baritic veining and scoroditic chert returned low values to 25 ppb Au. However, two pronounced gold anomalies, with associated strongly elevated mercury and weakly elevated silver values were returned from silt sampling. One is located just east of the claim block; the other is associated with the circular breccia zone to the north-west. Silt sampling of the former returned values to 145 ppb Au, averaging 98 ppb Au, with 3.7 gpt Ag and 2092 ppb Hg, roughly 50 metres downstream of a soil sample returning 100 ppb Au, 5.8 gpt Ag and 1850 ppb Hg. Sampling of streams draining both flanks of the ridge hosting the circular anomaly returned anomalous values to 130 ppb Au, with up to 5.4 gpt Ag, 2340 ppb Hg and 6 ppm Sb; four samples returned greater than 100 ppb Au. Anomalies occur at certain elevations, particularly along the south flank, suggesting mineral zonation caused by remobilized hydrothermal fluids near the inferred stock. These two anomalies occur within an eight square kilometre area returning consistently weakly anomalous gold values to 30 ppb Au from silt sampling. This suggests a widespread low-grade source for gold across the area.

Exploration expenditures in 1998 amounted to \$4,382.

Further exploration work should focus on determining the source of anomalous gold values in silt samples immediately east and west of the property.

CHAPTER 1: INTRODUCTION

1.1 Introductory Statement

The Gato Negro Property consists of 12 contiguous quartz mining claims (Gato Negro 1-12 claims) covering a 3 square kilometre area measuring 1 by 3 kilometres within NTS Sheets 105 J/13, in the Mayo Mining District (Figures 1, 3).

The 1998 exploration program involved geological mapping, rock and silt sampling.

1.2 Location and Access

The Gato Negro Property is located 120 kilometres north-northeast of the town of Ross River, in the Yukon Territory. It is centered at 62° 57' North latitude, 131° 48' west longitude on NTS Map Sheets 105 J/13 (Figure 2).

Access is by helicopter from Fairweather Lake roughly 50 kilometres to the northwest.

1.3 Physiography and Vegetation

The Gato Negro Property occurs above tree line within moderate to steep terrain with limited outcrop exposure attaining elevations of 5,250 feet. Slopes are commonly covered in talus with willow in lower creek drainages.

1.4 Property Exploration History

The Gato Negro Property area was targeted to evaluate anomalous gold, arsenic, antimony and mercury associated with Cretaceous intrusives and Lower Paleozoic stratigraphy. The Gato Negro claims were staked to cover weakly anomalous gold values in rock and soil sampling.

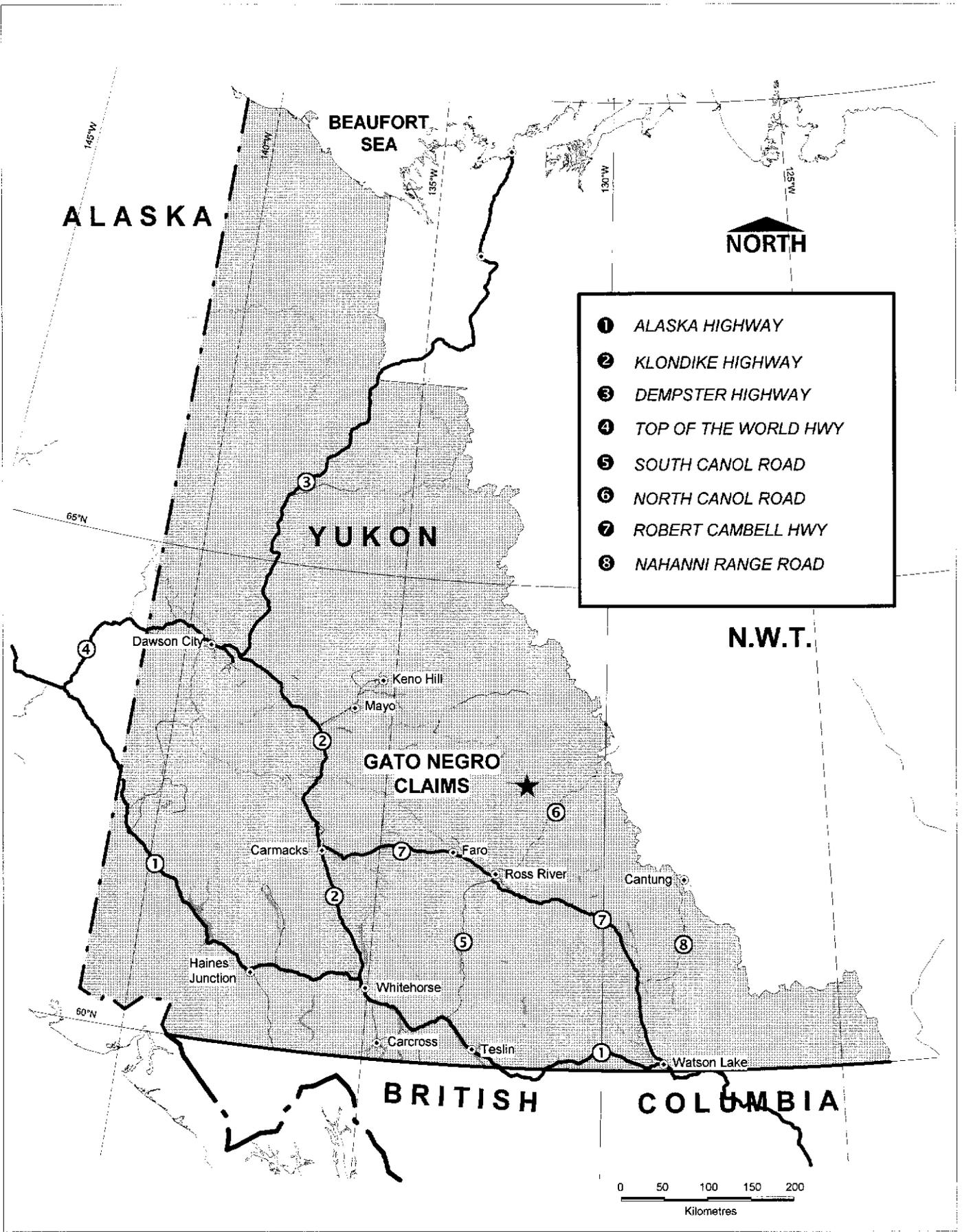
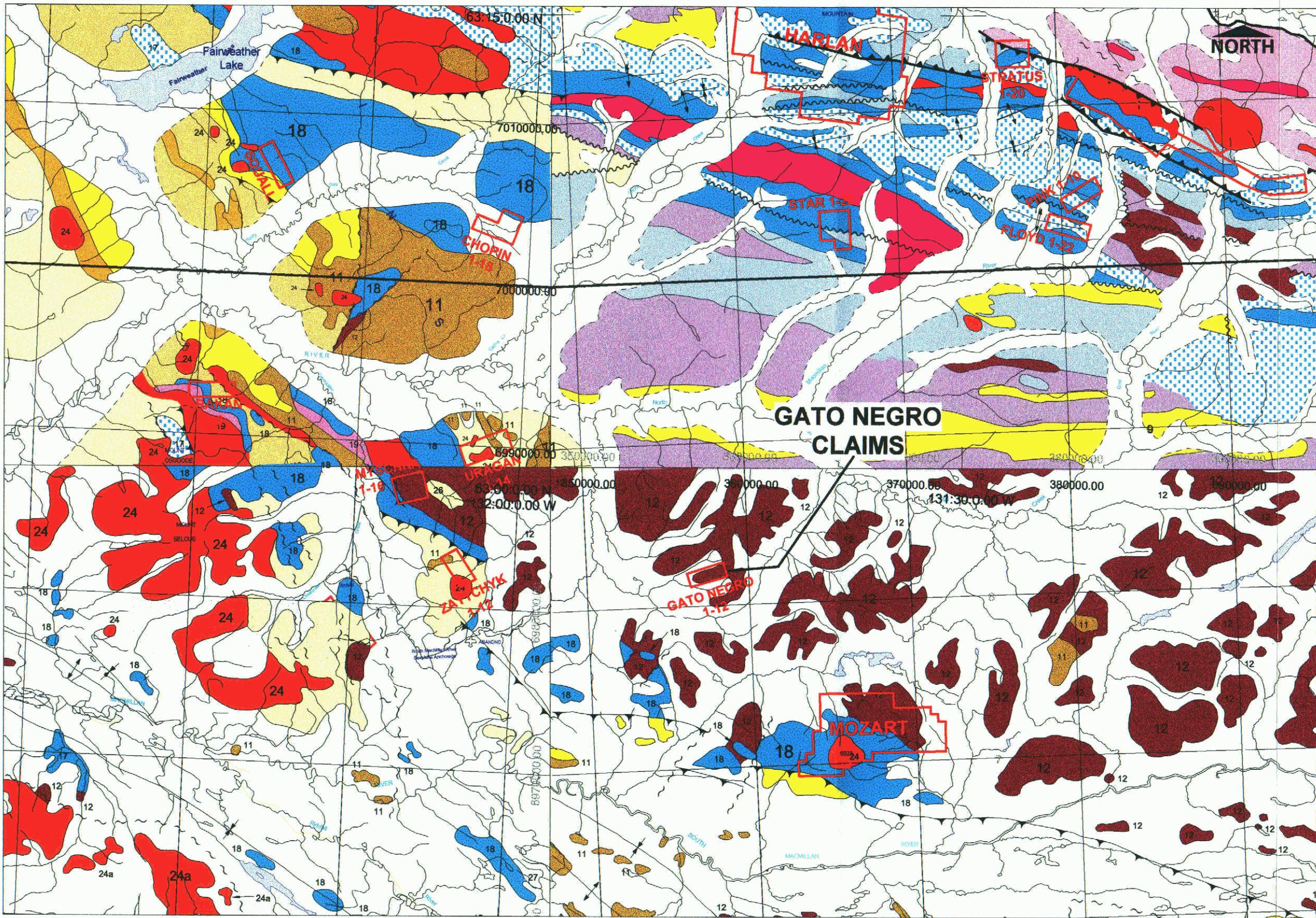


FIGURE 1: GATO NEGRO PROPERTY GENERAL LOCATION MAP

GEOLOGICAL LEGEND

I: Selwyn Basin (Northeast of Tintina Trench)

- MESOZOIC**
- Cretaceous**
 - 24 BIOTITE GRANITE, biotite quartz monzonite, syenite (predominantly Tombstone Suite)
 - Triassic**
 - JONES LAKE FORMATION: Brown to gray weathering calcareous and micaceous sandstone and siltstone, siliceous shale and slate, minor limestone
- PALEOZOIC**
- Permian**
 - MOUNT CHRISTIE FORMATION: Green argillite, siliceous siltstone, minor sandstone and dolomite with deep-orange weathering
 - Carboniferous to Permian**
 - 20 Thin bedded limestone, minor black shale, chert, chert pebble conglomerate
 - Mississippian**
 - 19 Keno Hill quartzite: Massive quartzite, minor slate, phyllite, argillaceous quartzite. Eastern units may be temporally equivalent.
 - Devonian to Mississippian**
 - 18 EARN GROUP, Provost Formation: Thin bedded to laminated, dark blue-grey to black slate, phyllite, commonly graphitic, lesser calcareous siltstone sandstone and shale
 - 17 Provost Formation chert pebble conglomerate interbedded with chert-quartz anenite and graywacke, chert-quartz sandstone, blue-grey to black slate
 - EARN GROUP, Portrait Lake Formation and Unsubdivided: Thin bedded, siliceous black siltstone, shale and chert.
 - 16 Felsic metavolcanics, quartz porphyry (part of lower schist?)
 - Ordovician to Early Devonian**
 - 12 ROAD RIVER GROUP, Steel Formation: Orange weathering, thin bedded, bioturbated dolomite to grey-green mudstone to siltstone, lesser chert
 - ROAD RIVER GROUP, Dus Formation and Unsubdivided: Thin to medium bedded, light grey to black chert, black shale, often graphitic
 - RABBITKITTLE FORMATION**
 - Basalt, tuff, tuff breccia
 - 11 Limestone and dolomite, minor black platy argillaceous limestone and dolomite
 - Early to Mid-Cambrian**
 - GULL LAKE FORMATION: Dark grey to black siliceous siltstone
 - SEKIWI FORMATION: Limestone, silty limestone, local limestone slope breccia, minor siltstone and black shale
- PROTEROZOIC**
- Late Hadyrian to Early Cambrian**
 - HYLAND GROUP, Narchilla Formation: Argillite, dark grey, green to maroon shale and phyllite, minor argillaceous limestone and chert pebble conglomerate and 'gnai' unit
 - Late Hadyrian**
 - YUSEZYU FORMATION: Grey to dark grey limestone, minor arenaceous limestone, dark quartzite, calcareous quartzite, minor argillaceous limestone
 - YUSEZYU FORMATION: Argillite, maroon and green thin bedded, also thick bedded quartzite, calcareous quartzite, minor argillaceous limestone



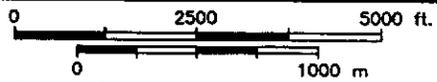
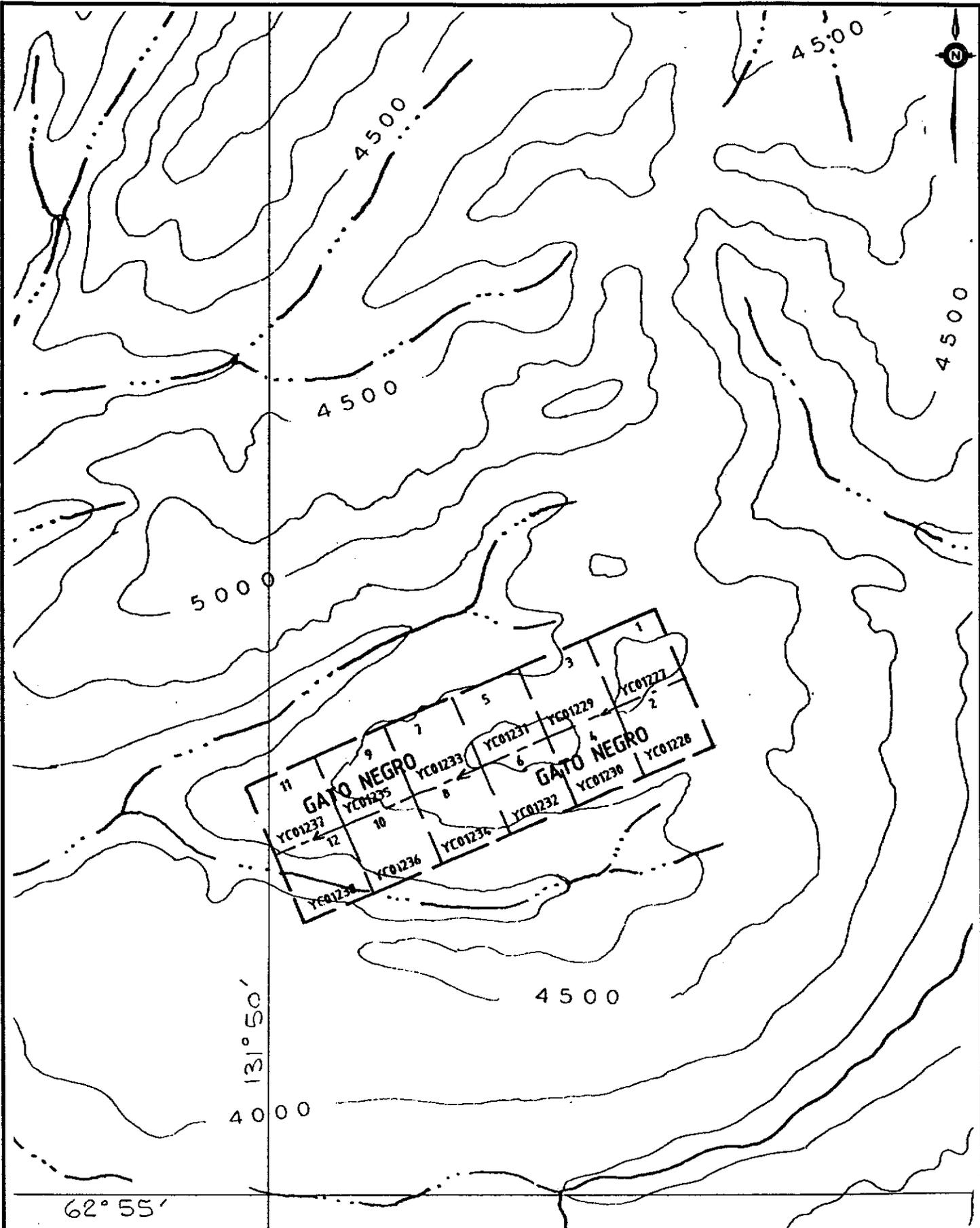
VICEROY EXPLORATION (CANADA), INC.

**GATO NEGRO PROPERTY
REGIONAL GEOLOGIC SETTING**

0 5 10
Kilometres

DRAWN BY:	DATE: June 99	NTS: 105J/13
	SCALE: 1:250,000	FIGURE NO: 2

094050



Scale 1 inch = 0.5 mile or 1:31,680

Date: May 99

NTS: 105J/13



VICEROY EXPLORATION (CANADA), INC.

**GATO NEGRO PROPERTY
CLAIM MAP**

Fig.

3

Table 1 below lists detailed claim status, including assessment status and expiry dates following the 1998 filing.

Table 1. Status of Gato Negro Property claims after 1998 filing				
<i>Claim Name</i>	<i>Grant No.</i>	<i>Owner</i>	<i>New expiry date</i>	<i>Work completed By</i>
Gato Negro 001-004	YC01227-230	Viceroy Exploration (Canada), Inc.	July 7, 2002	Viceroy
Gato Negro 011- 012	YC01237-238		July 7, 2002	
Gato Negro 005-010	YC01231-236		July 7, 2003	

1.5 Work Program

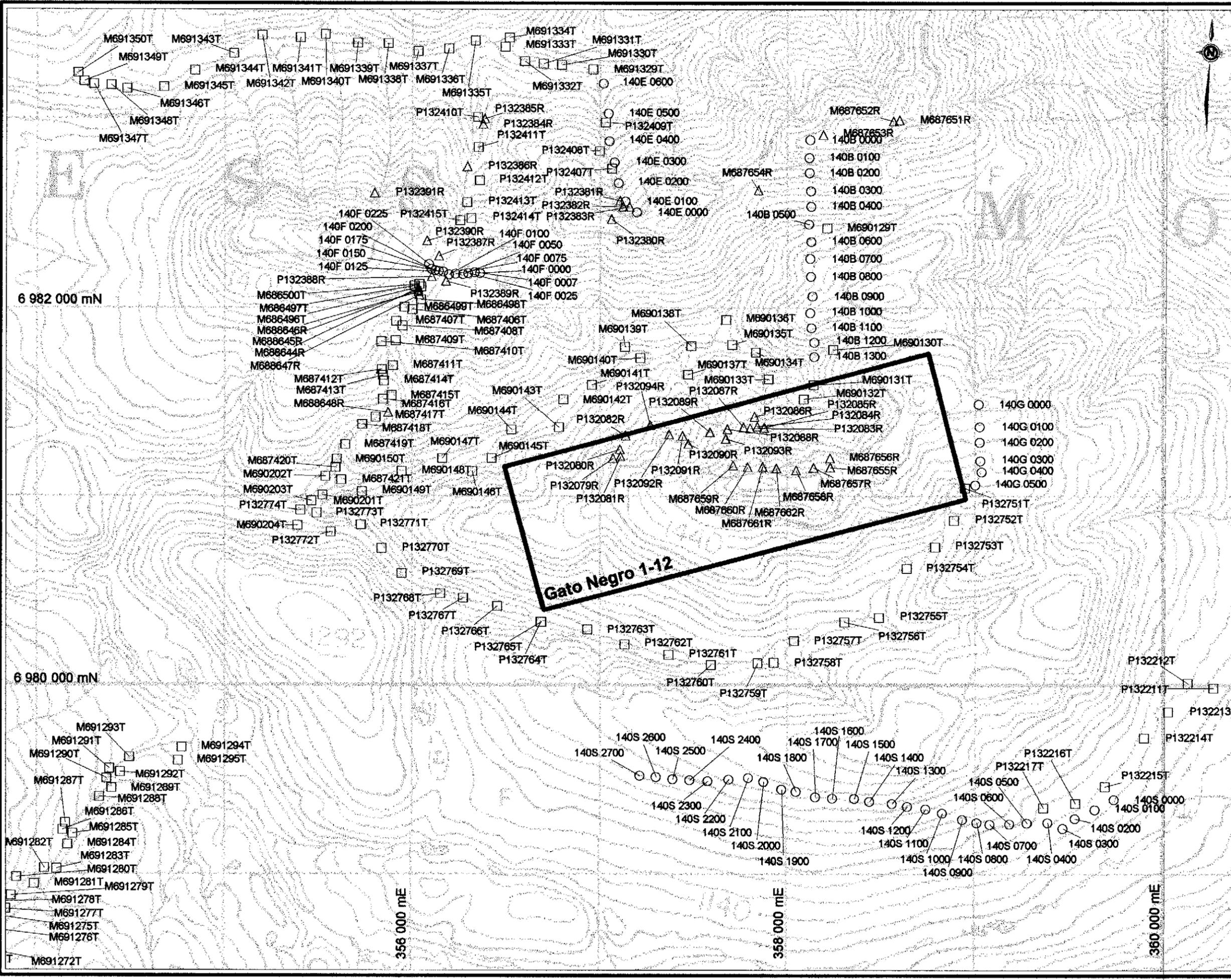
During 1998 a total of 49 rock, 165 silt and 66 soil samples were collected in the vicinity of what would become the Gato Negro Claims. Applicable work for assessment included 16 rock and 1 silt sample, collected in late July, as well as geological mapping and prospecting. All sample locations for 1998 are shown on Figure 4 and Plate 1. Please note that the appendices contain only costs and the 1998 rock and silt samples applicable for assessment.

1.5.1 Sample Preparation and Assay Procedure

All samples were shipped and analyzed by Chemex Labs of North Vancouver, B.C. Soil samples were dried and sieved to – 80 mesh, and rock samples were crushed and pulverized to – 150 mesh. All samples were subject to 30g fire assay for gold with an atomic absorption finish, and also analyzed by 32 element ICP scan. Mercury was analyzed using a 10 ppb detection limit. Rejects are retained at Chemex Labs for one year. All sample locations have been tied into UTM co-ordinates and have been plotted. A sample database in Microsoft Excel format is included and can be interfaced with Autocad Map or MapInfo software programs.

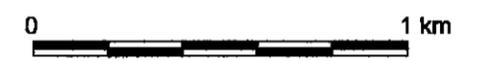
1.5.2 Personnel

All applicable assessment work was done by Serguei Soloviev, Geologist and field assistant M. Mason.



LEGEND

- Silt sample
- Soil sample
- △ Rock sample



VICEROY EXPLORATION (CANADA), INC.

GATO NEGRO PROPERTY
(Target 140)
(YUKON REGIONAL PROJECT)

SAMPLE NUMBER MAP

DRAWN BY: CS, TL	DATE: June.99	NTS: 105J/13
UTM, NAD27, ZONE 9	SCALE: 1:20,000	FIGURE NO: 4

CHAPTER 2: GEOLOGY

2.1 Regional Geology

The Gato Negro Property is located within the Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Age of deposition ranges from Late Precambrian to Permian. At least two major episodes of rifting have occurred: the first during deposition of the Late Precambrian Hyland Group sediments, and the second during deposition of the Devono-Mississippian Earn Group sediments (Table 2, Figure 2). These major rift zones often host poorly sorted coarse clastic sediments, such as debris flows or turbidite horizons. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in the creation of sequences of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Intrusives of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

Extensive thrust faulting along the entire extent of the Selwyn Basin began during Late Jurassic time, resulting in creation of a compressional regime. Most thrust faults are oriented roughly ESE, dipping to the south-west, subparallel to the overall ESE trend of stratigraphy. Several major regional thrust faults were formed including the Dawson Thrust, Tombstone Thrust, and Robert Service Thrust. This regional lineation has been overprinted by a slightly less pronounced NE-SW lineation, marked by high angle orthogonal faults suggesting the compressional regime was followed by an extensional tectonic regime.

2.2 Property Geology

Most higher elevations are underlain by chert to chert breccia, although talus seen from a distance may be of dyke material. A series of concentric circular features shown by drainage patterns is centred on the property, and suggests a large buried intrusive unit (Plate 1). The property covers a fairly widespread weakly scoroditic baritic vein and vein breccia zone about three kilometres upstream of an RGS sample returning 35 ppb Au and > 95 percentile mercury values. A circular chert breccia zone with scoroditic infilling occurs roughly two kilometres to the north-west. This occurs within a chert ridge along a NNE trending lineament, and may be caused by buckling of sediments overlying a small stock or cupola related to the intrusive. If fractionation continued throughout emplacement of the large intrusive, this may represent a highly evolved late intrusive phase, and may be a highly favourable exploration target.

TABLE 2: STRATIGRAPHIC COLUMN, GATO NEGRO PROPERTY

Age	Group	Formation (Lithology)	Geology Map Designation	Description
Mid-Late Cretaceous (95-89Ma)	Tombstone-Tungsten Plutonic Suite	Diorite through Granite (Most commonly Quartz-Monzonite)	Kqm, Kg, Kdr	Felsic to intermediate, dioritic to granitic intrusives, most commonly monzonitic, quartz monzonitic to quartz dioritic. Frequently quartz-feldspar to feldspar porphyritic within upper emplacement levels and dykes. Tungsten Suite along Yukon - NWT border is now believed to be part of Tombstone Suite.
Devonian - Mississippian	Earn Group	Prevost Formation Shale, chert-pebble-conglomerate, chert-quartz sandstone	Dmp, (Dme)	Brown weathering shale, grey - grey-brown weathering chert-pebble-conglomerate, dark grey to black chert-quartz sandstone.
Devonian - Mississippian	Earn Group	Portrait Lake Formation Shale, chert	Dp, (Dme)	Shale, chert, minor sandstone and conglomerate.
Ordovician - Early Devonian	Road River Group	Steel Formation	SS (OSDr)	Weakly to moderately calcareous orange weathering mudstone to siltstone, often bioturbated reflecting oxygenated bottom water conditions.
Ordovician - Early Devonian	Road River group	Duo Lake Formation	OSD (OSDr)	Black siliceous shale and chert, minor limestone. Weathers black to bluish white; local tan weathering.
Ordovician - Early Devonian	Road River group	Menzies Creek Formation	Mv	Basalts, andesites; frequently porphyritic and calcareous.

CHAPTER 3: MINERALIZATION

3.1 Property Mineralization

Rock sampling of baritic veining and scoroditic chert returned low values to 25 ppb Au. However, two pronounced gold anomalies, with associated strongly elevated mercury and weakly elevated silver values were returned from silt sampling. One is located just east of the claim block; the other is associated with the circular breccia zone to the north-west. Silt sampling of the former returned values to 145 ppb Au, averaging 98 ppb Au, with 3.7 gpt Ag and 2092 ppb Hg, roughly 50 metres downstream of a soil sample returning 100 ppb Au, 5.8 gpt Ag and 1850 ppb Hg. Sampling of streams draining both flanks of the ridge hosting the circular anomaly returned anomalous values to 130 ppb Au, with up to 5.4 gpt Ag, 2340 ppb Hg and 6 ppm Sb; four samples returned greater than 100 ppb Au. Anomalies occur at certain elevations, particularly along the south flank, suggesting mineral zonation caused by remobilized hydrothermal fluids near the inferred stock. These two anomalies occur within an eight square kilometre area returning consistently weakly anomalous gold values to 30 ppb Au from silt sampling. This suggests a widespread low-grade source for gold across the area.

CHAPTER 4: CONCLUSIONS

The Gato Negro Property, consisting of the Gato Negro 1-12 Claims located in Central Yukon on NTS sheets 105 J/13, was staked in 1998 by Viceroy Exploration (Canada), Inc.

The Gato Negro Property is located within the Paleozoic Selwyn Basin which consists of a broad package of Paleozoic sediments extending ESE from north-west of Dawson City to the Yukon-NWT border north of the major NW-SE trending Tintina Fault Zone. This stratigraphy consists of shallow shelf to off-shelf marine clastic and chemical sediments, as well as basinal clastic sediments derived from the Ancient North American Platform to the north-east. Several episodes of continental uplift have led to periods of increased erosion and resulting continental margin or miogeosynclinal deposition, resulting in formation of comparatively high energy, shallow water sediments, often coarsely grained and variably calcareous. These are separated by strata formed under deeper, quieter water conditions, resulting in formation of fine clastic sediments and chert. The Mid-Cretaceous Tombstone-Tungsten Suite (95-89 Ma) has been emplaced within the Selwyn Basin. Members of this suite occur along an ESE trending belt extending for over 500 kilometres from north-west of Dawson City, Yukon to the Yukon-NWT border. Tombstone Suite intrusives are believed to control much of the economic gold mineralization within the Selwyn Basin.

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Exploration expenditures in 1998 amounted to \$4,382.

CHAPTER 5: RECOMMENDATIONS

Further exploration work should focus on determining the source of anomalous gold values in silt samples immediately east and west of the property.

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Schulze, C, 1997: Yukon Regional Project, 1997 Progress Report; In-house Report, Viceroy Exploration (Canada), Inc.

STATEMENT OF QUALIFICATIONS

I, Rick Diment, of the City of Whitehorse, Yukon Territory, Canada, do hereby certify that:

- 1) I have held the position of Senior Exploration Geologist with Viceroy Exploration (Canada), Inc, since 1996.
- 2) I graduated from University of British Columbia with a Bachelor of Science Degree in Geology in 1986.
- 3) I have been continually active in mineral exploration since 1986.
- 4) Although I did not supervise the field activities or have not been to the property described in this report; information was compiled from the Field Party Chief's field notes and reports (Carl Schulze).

A handwritten signature in black ink, appearing to read 'Rick Diment', is written over a horizontal line.

Rick Diment
Senior Geologist
Viceroy Exploration (Canada) Inc.

APPENDIX 1

APPLICABLE EXPENDITURES FOR ASSESSMENT CREDITS

Gato Negro Property Expenditures	
Description	Expenditure
Labor	\$450
Camp costs	120
Helicopter	1,382
Fixed Wing	650
Geochemical Analyses	340
Ground Transportation	140
Report Writing	1,300
Total	\$4,382

APPENDIX 2

ROCK ASSAY RESULTS

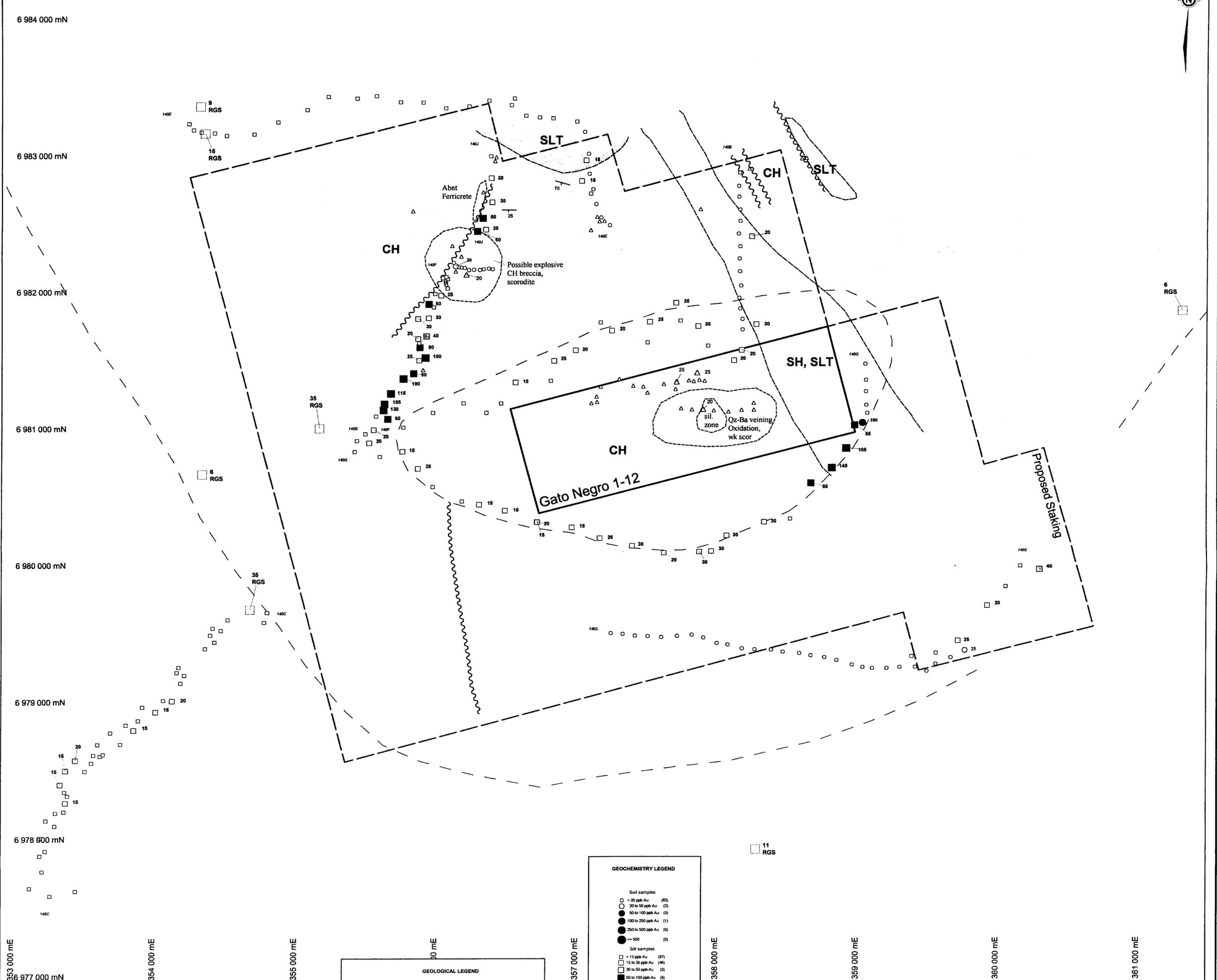
Gato Negro
Rock Sample Description and Assays

Sample	X_Coord	Y_Coord	Z_Coord	Traverse	Zone	Type	Width_m	Desc	Fm	Lithology	Modifier	Colour	Carb	Silicif	Alt_ARG	Alt_POT	Alt_PHY	Limonite	Mineral_1	M1_Amt	Mineral_2	M2_Amt	Mineral_3	M3_Amt	Date	Name
P132079R	357078.8	6981197		140G	9	cg		Rb	OSDr	CH	brec	yl	C1	S2	A3			wk	Scor	5					07/29/98	SS
P132080R	357116.3	6981248		140G	9	cg		Rb	OSDr	CH	brec	yl	C1	S2	A3			wk	Scor	5					07/29/98	SS
P132081R	357119.5	6981207		140G	9	g		Rb	OSDr	CH	brec	mggy		S2	A3			wk	Scor	2					07/29/98	SS
P132082R	357145.8	6981317		140G	9	g		Tf	OSDr	CH	brec	wh		S3	A2			wk	Scor	1					07/29/98	SS
P132083R	357609.4	6981358		140G	9	g		Rb	OSDr	CH	brec	yl	C1	S2	A3			mod	Scor	5					07/29/98	SS
P132084R	357849.1	6981367		140G	9	g		Tf	OSDr	CH	brec	yl	C1	S2	A3			mod	Scor	5					07/29/98	SS
P132085R	357865.8	6981360		140G	9	g		Rb	OSDr	SLT	frac	mggy		S1	A2			wk	Scor	5					07/29/98	SS
P132086R	357833.7	6981419		140G	9	g		Rb	OSDr	SH	frac	dgry		S1	A1			wk	Scor	5					07/29/98	SS
P132087R	357774.8	6981384		140G	9	g		Rb	OSDr	CH	brec	tan	C1	S2	A3			strq	Scor	10					07/29/98	SS
P132088R	357687.3	6981352		140G	9	g		Tf	OSDr	SH	bded	dgry		S1	A1			mod	Scor	10					07/29/98	SS
P132089R	357595.7	6981337		140G	9	g		Tf	OSDr	CH	brec	gm		S1	A2			mod	Scor	10					07/29/98	SS
P132090R	357479.8	6981273		140G	9	g		Rb	OSDr	CH	brec	gm		S1	A2			wk	Scor	10					07/29/98	SS
P132091R	357450.1	6981318		140G	9	g		Tf	OSDr	CH	brec	wh		S2	A2			wk	Scor						07/29/98	SS
P132092R	357378.8	6981325		140G	9	cg		Tf	OSDr	CH	brec	gm		S1	A1			wk	Scor	10					07/29/98	SS
P132093R	357680	6981300		140G	9	g		Rb	OSDr	CH	brec	yl	C1	S2	A3			mod	Scor	5					07/29/98	SS
P132094R	357276.8	6981373		140G	9	g		Rb	OSDr	CH	brec	yl	C1	S2	A3			wk	Scor	8					07/29/98	SS

Gato Negro
Rock Sample Description and Assays

ssamp	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn	Comments
P132079R	10	0.1	0.79	22	390	0.2	1	0.07	0.2	0	184	25	3.01	0	340	0.98	0	0.04	45	5	0	3	2320	6	4	7	485	0	0	0	91	0	10	Probably, small fault zone
P132080R	5	0.8	0.77	20	800	0.2	1	0.01	0.2	0	123	43	3.01	0	280	0.53	0	0.06	5	3	0	4	1280	10	2	6	180	0	0	0	98	0	6	Probably, small fault zone
P132081R	10	0.8	0.73	134	660	0.2	1	0.01	0.2	0	229	353	12.05	10	1700	0.44	0	0.04	5	21	0	4	2030	2	12	11	83	0	0	0	521	0	16	Probably, small fault zone
P132082R	2	0.1	0.28	6	750	0.2	1	0.01	0.2	0	183	24	1.12	0	50	0.1	0	0.01	25	2	0	1	450	6	1	1	46	0	0	0	34	0	2	Probably, small fault zone
P132083R	10	0.2	0.99	56	830	0.2	1	0.04	0.2	0	280	67	4.02	10	400	0.38	0	0.04	10	8	0	9	1800	6	4	4	178	0	0	0	251	0	12	Probably, small fault zone
P132084R	2	0.1	1.1	62	140	0.2	1	0.09	0.2	0	213	42	5.79	10	290	0.89	10	0.02	10	8	0	19	3570	1	6	6	619	0	0	0	164	0	14	Probably, small fault zone
P132085R	10	0.8	1.23	50	920	0.5	1	0.05	0.2	0	165	47	2.45	10	630	0.51	0	0.06	15	5	0	16	1450	10	4	5	220	0	0	0	148	0	14	Scor spots and veinlets
P132086R	25	4.8	0.3	1	520	0.2	1	0	0.2	0	186	15	1.74	0	1630	0.36	0	0.02	10	5	0	9	240	8	1	1	29	0	0	0	48	0	2	Scor along fractures
P132087R	2	0.1	0.48	18	180	0.2	1	0.01	0.2	0	212	143	8.36	10	210	0.52	0	0.04	20	1	0	1	3190	2	2	8	93	0	0	0	340	0	8	Probably, along fault zone, barite 10%
P132088R	25	4.8	0.28	102	190	0.2	1	0	0.2	0	212	50	4.83	0	1250	0.69	0	0.02	5	20	0	9	1250	4	10	7	158	0	0	0	237	0	8	Scor along bedding
P132089R	10	3.8	0.38	154	140	0.2	1	0	0.2	0	174	82	6.57	0	830	0.84	0	0.04	5	15	0	7	2200	8	6	29	88	0	0	0	227	0	10	Fault zone
P132090R	5	0.8	0.57	10	540	0.2	1	0.02	0.2	0	162	20	1.69	0	420	0.33	0	0.03	5	1	0	3	910	10	1	5	134	0	0	0	71	0	2	Fault zone
P132091R	2	0.1	0.2	1	920	0.2	1	0	0.2	0	75	7	1.17	0	180	0.18	0	0.01	5	1	0	1	220	6	1	0	18	0	0	0	21	0	1	Fault zone
P132092R	15	3.4	0.27	74	130	0.2	1	0	0.2	0	140	20	4.8	0	550	0.74	0	0.01	5	18	0	6	4120	18	8	44	110	0	0	0	129	0	2	Fault zone
P132093R	2	0.1	0.44	14	190	0.2	1	0.02	0.2	0	175	53	8.53	0	210	0.61	0	0.02	20	2	0	3	1020	6	1	7	55	0	0	0	68	0	2	Fault zone
P132094R	2	0.1	0.42	14	350	0.2	1	0.02	0.2	0	154	27	2.23	0	170	0.36	0	0.03	5	2	0	3	850	6	1	5	115	0	0	0	56	0	2	Fault zone

APPENDIX 3
SILT ASSAY RESULTS



GEOLOGICAL LEGEND

Ordovician to Devonian: Road River Group

- OSDr - Siltstone(SLT) - Steel Formation
- OSDr - Chen(CH), minor shale(SH), siltstone(SLT)
- OSDr - Shale(SH), siltstone(SLT), minor chert

○ "Circular feature", suggested by topography

— Geological Contact

- - - Limit of alteration

— Strike and dip of bedding

— Strike and dip of foliation

— Fault

GEOCHEMISTRY LEGEND

Soil samples

- < 20 ppb Au (43)
- 20 to 50 ppb Au (2)
- 50 to 100 ppb Au (0)
- 100 to 250 ppb Au (1)
- 250 to 500 ppb Au (0)
- >= 500 (0)

Silt samples

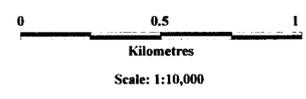
- < 15 ppb Au (27)
- 15 to 35 ppb Au (46)
- 35 to 50 ppb Au (2)
- 50 to 100 ppb Au (8)
- >= 100 ppb Au (7)

Rock samples

- △ < 20 ppb Au (45)
- △ 20 to 100 ppb Au (4)
- △ 100 to 500 ppb Au (0)
- △ 500 to 1000 ppb Au (0)
- △ >= 1000 ppb Au (0)

RGS Stream sediment sample
Au in ppb (-1 = assayed not analysed)

Map Datum : UTM Zone 9 (NAD27)



VICEROY EXPLORATION (CANADA), INC.

GATO NEGRO PROPERTY (Target 140)

COMPILATION & 094 05 0

GOLD GEOCHEMISTRY

DRAWN BY: CS.TLAF	DATE: Dec. 1998	NTS: 105J/13
REVISION:	SCALE: 1:10,000	PLATE NO: