

REPORT ON

DIAMOND DRILLING

by

D. Piroshco, B.Sc.

on the

South Harding, Whistler, Lily and Grouse Fraction

CROWN GRANTED CLAIMS

(parts of the BALDWIN-McVICAR Property)

Cu-Pb-Zn

situated east of Squamish, B.C.
in the Vancouver Mining Division

49°40'N 123°03'W

NTS 92 G/11E

owned by
Texasgulf Canada Ltd.
now known as
KIDD CREEK MINES LTD.

work by
TEXASGULF INC.

April, 1982

Vancouver, B.C.

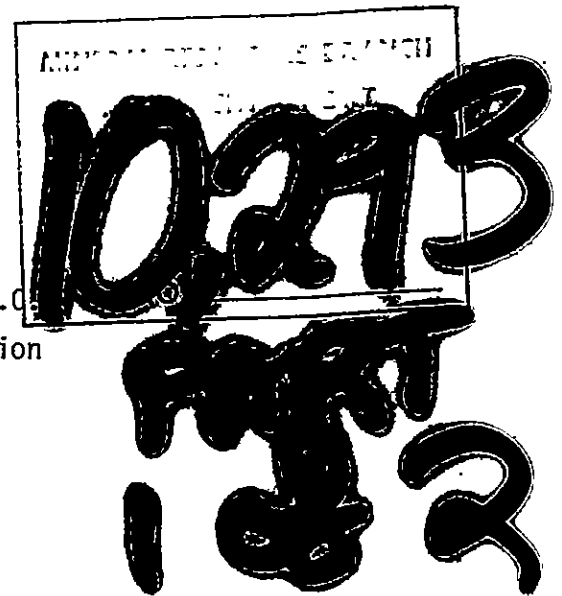


TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
Location, Access and Terrain	1
Property History and Definition	1
Summary of Work Completed	4
Diamond drilling	4
Work distribution	4
GEOLOGY	6
DIAMOND DRILLING	6
BIBLIOGRAPHY	8

APPENDICES

APPENDIX A	List of Geochemical Data
APPENDIX B	Drill Logs
APPENDIX C	Statement of Qualifications
APPENDIX D	Statement of Expenditures

LIST OF FIGURES

<u>Fig. No.</u>	<u>Title</u>	<u>Scale</u>	
1	Location Map	1:9,000,000	2
2	Detailed Location Map	1:250,000	3
3	Claim Sketch	1:50,000	5
4	Property Geology	1:1,200	in pocket

INTRODUCTION

Location, Access and Terrain

The Baldwin-McVicar properties are located in southwestern British Columbia, about 8 km east-southeast of the port of Squamish (Figure 1). The claims are situated between two major, northwest flowing drainages; Stawamus River and Raffuse Creek (Figure 2).

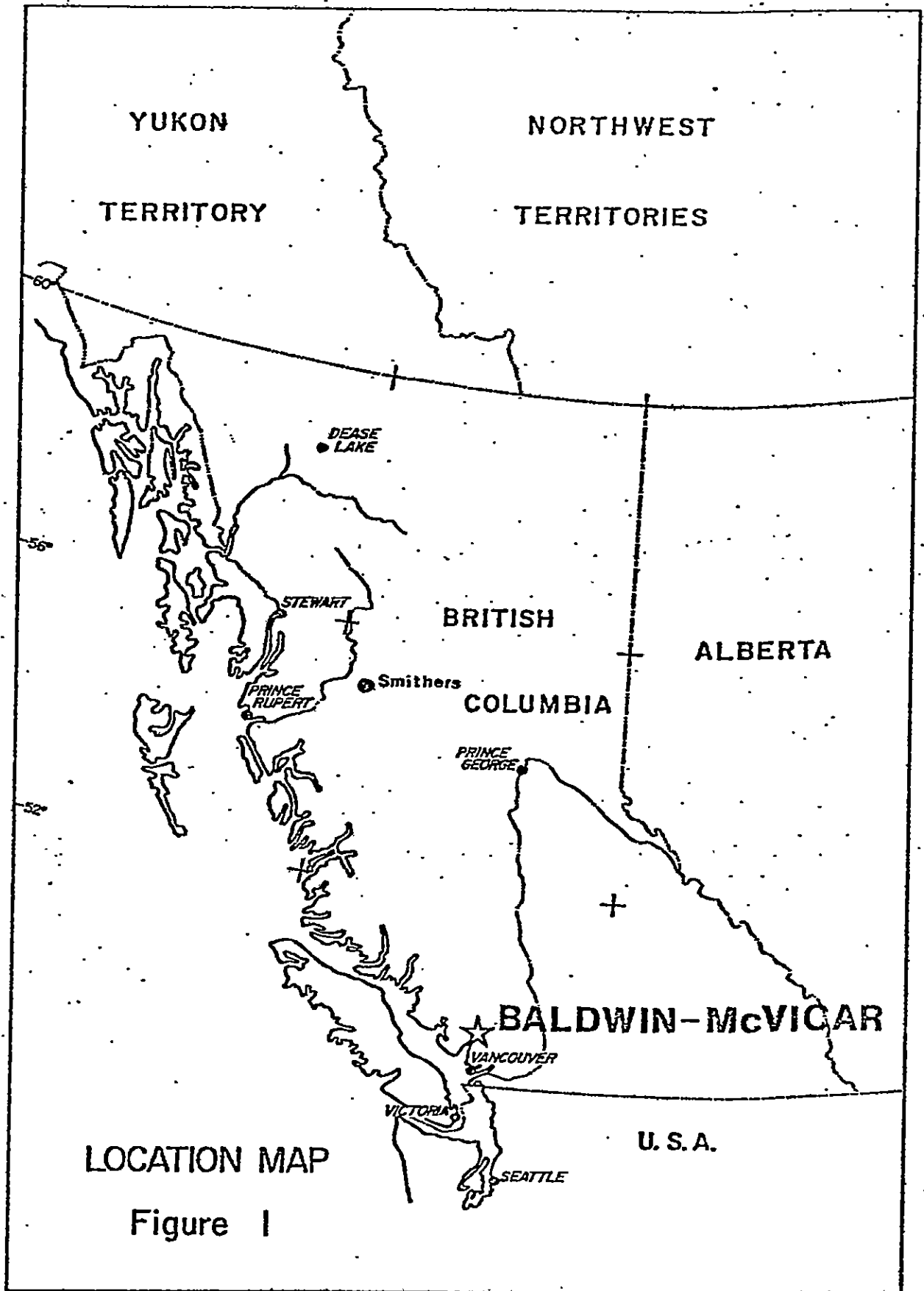
The terrain is rugged with elevations ranging from 400 m in the main valleys to 1500 m along the ridges. Tributary creeks, feeding the main drainages, are deeply incised.

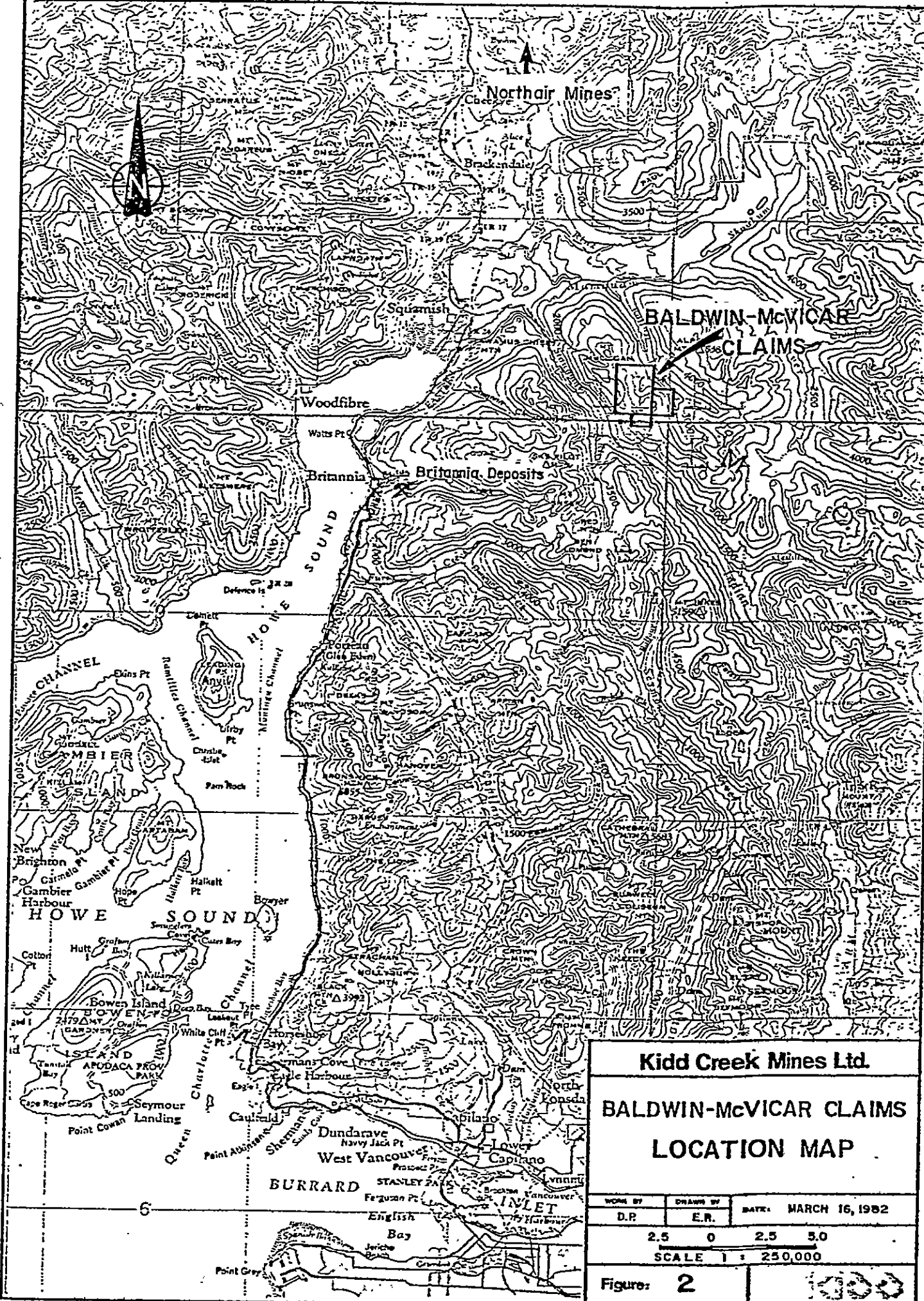
Most of the area is timbered or "clear cut" by recent logging operations. The older logged areas are covered with a second growth of bushes and shrubs. Above 1400 m the vegetation changes from coniferous forest to more open alpine vegetation.

The climate is moderate. The higher elevations receive abundant snowfall during the winter months; much of this snow remains until mid-summer.

Property History and Definition

The McVicar mineral showings were discovered and explored in the early 1900's. Work included trenching and the driving of short adits. Britannia Mining and Smelting Company optioned the "McVicar" properties, and eventually tested the more impressive showings by diamond drilling. In 1946, the "McVicar" properties were acquired by Western Surf Inlet Company and diamond drilling was carried out during the summers of 1953 and 1954. Reports on the property by Victor Dolmage, consulting geologist, summarize this work. In 1969 the property was optioned to Croydon Mines, who conducted a regional wide-spread TURAM-EM survey. During the 1971-72 season, 4072 feet of NQ diamond drilling was carried out under the joint venture agreement between Croydon Mines and Dowa Mining Company of Japan; results were generally disappointing.





Kidd Creek Mines Ltd.		
BALDWIN-McVICAR CLAIMS		
LOCATION MAP		
WORK BY	DRAWN BY	DATE: MARCH 16, 1962
D.P.	E.R.	
2.5 0 2.5 5.0		
SCALE 1 : 250,000		
Figure:	2	1000

In 1977, Texasgulf Canada Ltd., now Kidd Creek Mines Ltd., staked the Baldwin 1, 2 and 3 claims adjoining the McVicar Crown Grants and subsequently optioned the grants from Matachewan Consolidated Mines Ltd., who had acquired the interests of Western Surf Inlet. The Baldwin 4 and 5 claims were staked by Texasgulf Canada Ltd. in the summer of 1978, on favourable ground to the immediate north.

During 1978, geological mapping (1:5000 and 1:500), trench sampling, soil and silt sampling and geophysical orientation surveys were conducted by Texasgulf over the Baldwin-McVicar area.

The property now consists of 28 units aggregating 700 hectares in 3 MGS claims, the Baldwin 1, 2 and 3 claims and 12 Crown Granted claims, the McVicar claims (Figure 3). The Baldwin 4 and 5 claims were allowed to lapse in 1979.

Summary of Work Completed

Diamond drilling

During the period Sept 28 to Oct 26, 1981, three BQ diamond drill holes, totalling 855.5 m were completed on the Baldwin-McVicar property. Mineralized and altered core was analysed geochemically for Cu, Pb, Zn, Ag and Au.

Work distribution

The work described in this report was carried out on the South Harding, Whistler, Lily and Grouse Fraction Crown Granted claims; parts of the McVicar Group (Figure 4).

South Harding	Lot No. 6152
Whistler	Lot No. 6160
Lily	Lot No. 6161
Grouse Fraction	Lot No. 6157

GEOLOGY

The property is underlain by a structurally complex pile of intermediate to felsic volcanic and volcanoclastic rocks belonging to the Cretaceous Gambier Group and located within the Indian River Pendant. This pendant lies within the Coast Crystalline Complex and is connected to the Britannia Pendant to the southwest by a 'bridge' of volcanic rock. Local showings of massive and stringer sulphides, associated with quartz stockworks and silicified zones, are hosted in this southwesterly dipping pile of rocks. A geology map of the relevant portions of the property, is shown in Figure 4 (DeLancey, 1978).

DIAMOND DRILLING

The locations of the three drill holes are shown in Figure 4 and their attitudes and depths listed below:

BM-1-81	-45°/085°	559.6 m
BM-2-81	-47°/080°	214.9 m
BM 3-81	-71°/056°	181.0 m

Drill hole logs are presented in Appendix B and geochemical values are tabulated in Appendix A. The core is stored on the property.

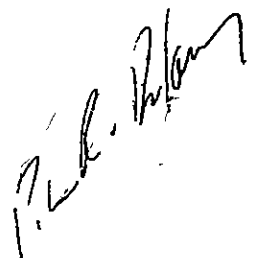
The holes were drilled to test the down-dip extension of the high-grade Whistler and South Harding showings associated with widespread silicification and brecciation. The holes intersected numerous zones of intensely altered and veined dacitic and andesitic country rock, but no significant mineralization. Correlation of surface and drill hole geology is difficult due to the inherent complexity of these rocks.

The drilling indicates the discontinuous nature to the surface showings. Although the results are disappointing, much of the favourable

stratigraphy which hosts significant mineralization on the property remains untested by geophysics and/or drilling.



D. Piroshco, B.Sc.



BIBLIOGRAPHY

- DeLANCEY, P.R. 1978. Report on the McVicar-Baldwin-Mulligan Claim Groups, Squamish Area, B.C. 92E/11E, unpublished Texasgulf Company Report, 21 pages.
- JAMES, H.T. 1929. Britannia Beach Map-area, B.C. Geological Survey of Canada. Memoir 158, 139 pages.
- MAJCHER, R. and RAVENHURST, G. 1982. Geophysical Report on Baldwin-McVicar Claim Group, unpublished Kidd Creek Mines Company Report, 5 pages.
- PARLIAMENT, H. 1962. Report on Western Surf Inlet Mines Ltd. McVicar Group. Unpublished Western Surf Inlet Mines Ltd. Company report, 7 pages.
- PAYNE, J.G., BRATT, J.A., and STONE, B.G. 1980. Deformed Mesozoic Volcanogenic Cu-Zn Sulfide Deposits in the Britannia District, British Columbia. Economic Geology, Vo. 75, pp. 700-721.
- RODDICK, J.A. 1965. Vancouver North, Coquitlam, and Pitt Lake Map-Areas, B.C. G.S.C. Memoir 335.
- SHARP, W.M. 1970. Geological and Geochemical Report, DAL-LILY-AGAP-GROUP, unpublished Kennedy Silver Mines Ltd. report, 12 pages.
- WATERMAN, G.C. 1965. Geochemical Report: the McVicar Claim Group, unpublished Anaconda Canada Exploration Limited. Company report, 2 pages.

APPENDIX A

List of Geochemical Data

APPENDIX B

Drill Logs

APPENDIX C

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

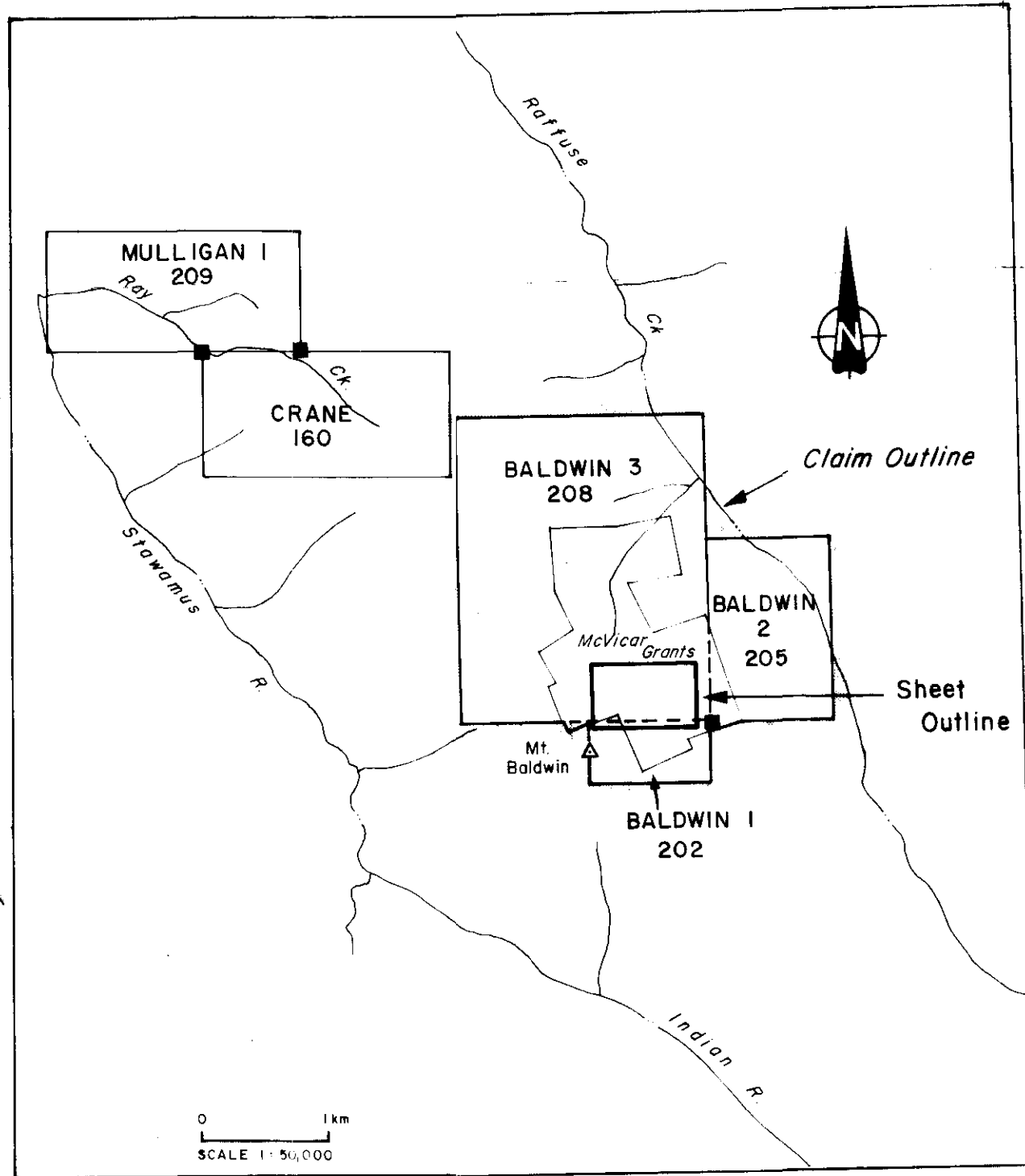
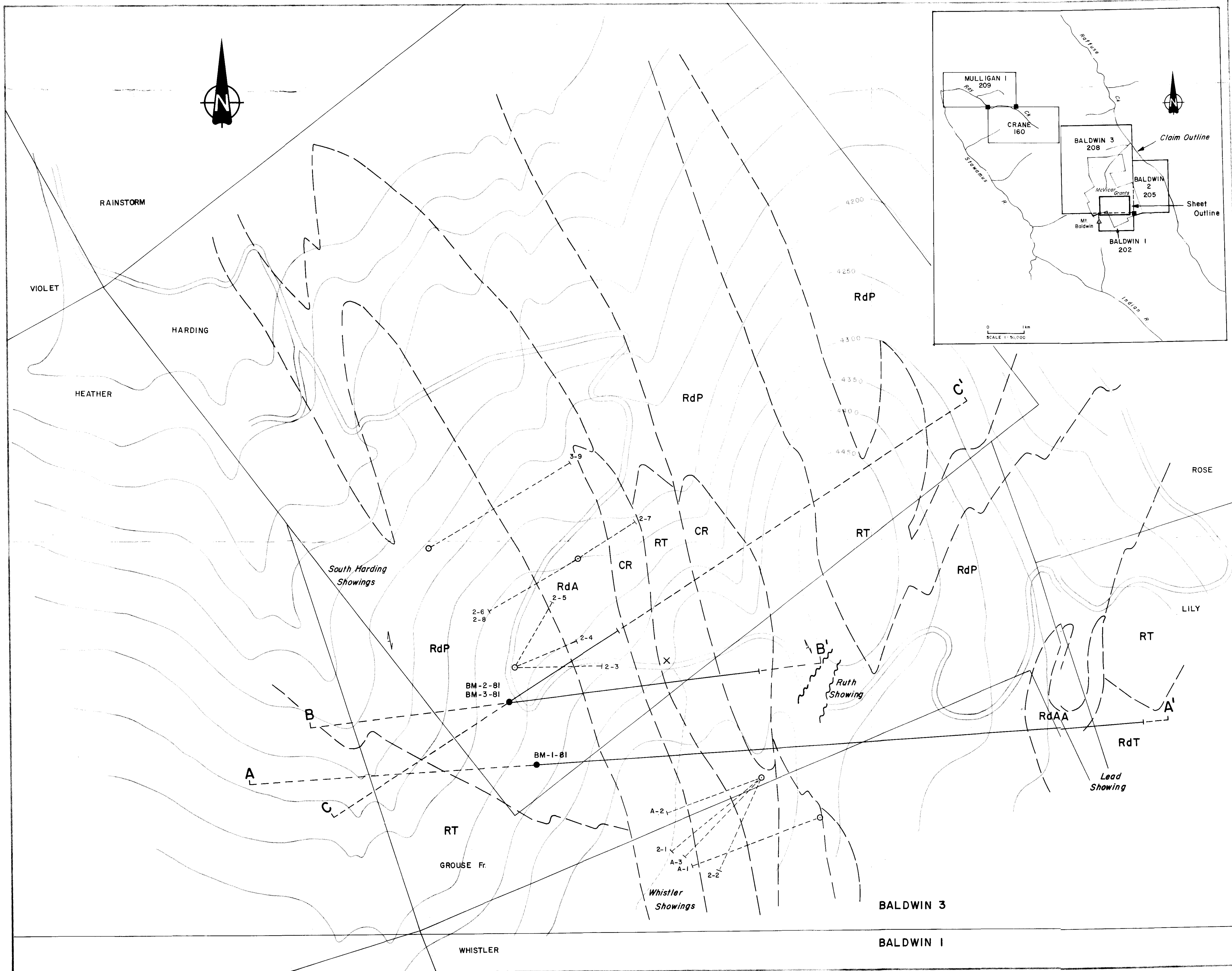
D.W. Piroshco - Geologist

Darwin Piroshco obtained his B.Sc. degree in Geology from the University of Calgary in 1981. He joined Texasgulf Canada Ltd., (now Kidd Creek Mines Ltd.) as a temporary employee in Vancouver, in May 1981, immediately after graduation.

D.W. Piroshco

APPENDIX D

Statement of Expenditures



LEGEND

- CR Cherty Rhyolite
- RT Rhyolite Tuff
- RdP Rhyodacite Porphyry
- RdA Rhyodacite Agglomerate
- RdT Rhyodacite Tuff

- SYMBOLS**
- Geological contact (approximate)
 - Foliation
 - Fault
 - Trail
 - Previous drilling locations
 - 1981 drilling locations
 - Trace of cross-section
 - Camp

D2B
MKT
1/82

Kidd Creek Mines Ltd.		
BALDWIN - McVICAR		
PROPERTY GEOLOGY and DRILLHOLE LOCATIONS		
WORK BY	DRAWN BY	DATE: MARCH 12, 1982
D.P.	E. R.	
SCALE IN METRES 1:1,200		
Figure: 4		