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FILE NO:

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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17,907

AN ASSESSMENT REPORT ON

THE GEOLOGY AND GOLD POTENTIAL OF THE BUNCH CLAIM SKEENA MINING DIVISION

NTS 103 ~~14/11~~ 14 36 3W
Latitude 53° ~~10'~~ N Longitude 129° 15' W
7

OWNED AND OPERATED BY

UNITED PACIFIC GOLD LIMITED
Suite 320 - 666 Burrard street
Vancouver, B.C.
V6C 2X8

BY

M. TWYMAN, B.Sc.
Consultant Geologist
Vancouver, B.C.

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Consultant Geologist
Geochemist
Vancouver, B. C.

DATE: November 7, 1988

TABLE OF CONTENTS

APPENDICES

FIGURES AND MAPS

1.0 RECOMMENDATIONS

The source of the original gold anomaly obtained during the 1987 field program has yet to be located.

Further mapping and sampling is recommended within the Bunch Claim and vicinity.

2.0 SUMMARY AND CONCLUSIONS

1. The property is underlain by more than 90% diorite and related agmatites.

2. Metasedimentary rocks, older than the intrusives, outcrop in the western part of the claims, and in isolated locations in the diorite probably as small pendents.

3. The metasedimentary rocks are composed of crystalline limestone (marble) quartzite, argillites, hornfels and schists.

4. Blue quartz float was found in the original anomalous stream, it contained pyrite, chalcopyrite, sphalerite and galena. This quartz contains a trace of gold (0.03 oz/t) which may or may not have a source on the property. A similar appearing quartz without any sulphide content was found in outcrop on the western side of the property.

3.0 INTRODUCTION

3.1 Property Description

The Bunch Claim which consists of twenty units is located on the south end of Gil Island. The claim is owned by United Pacific Gold Limited, #320-666 Burrard Street, Vancouver, B.C. V6C 2X4. The property was staked to cover a 500,000 nanogram gold anomaly in a pan concentrate. Preliminary follow-up traverses located quartz breccia, and additional but lower values in gold. There is no history of previous work.

3.2 Property Location

The geographic coordinates 53° 10' N and 129° 15'W lie within the Bunch Claims on Gil Island. The nearest supply centre is Kitimat a distance of 125 km to the north east.

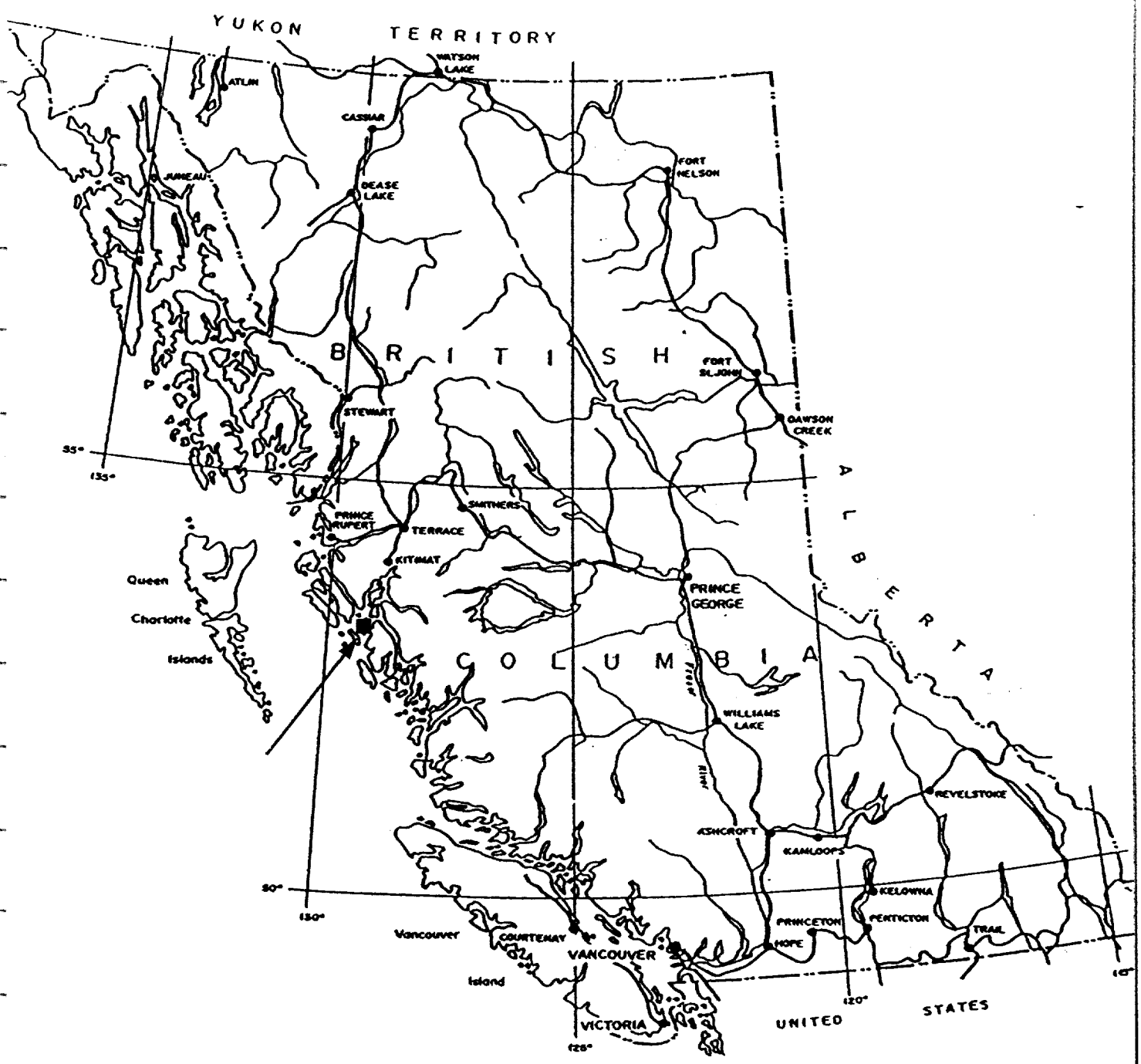
3.3 Access

The claims southwest corner is located at tidewater on Fish Bay. Access to the claims is by air or water. Coastal fogs makes water access the more reliable mode of access.

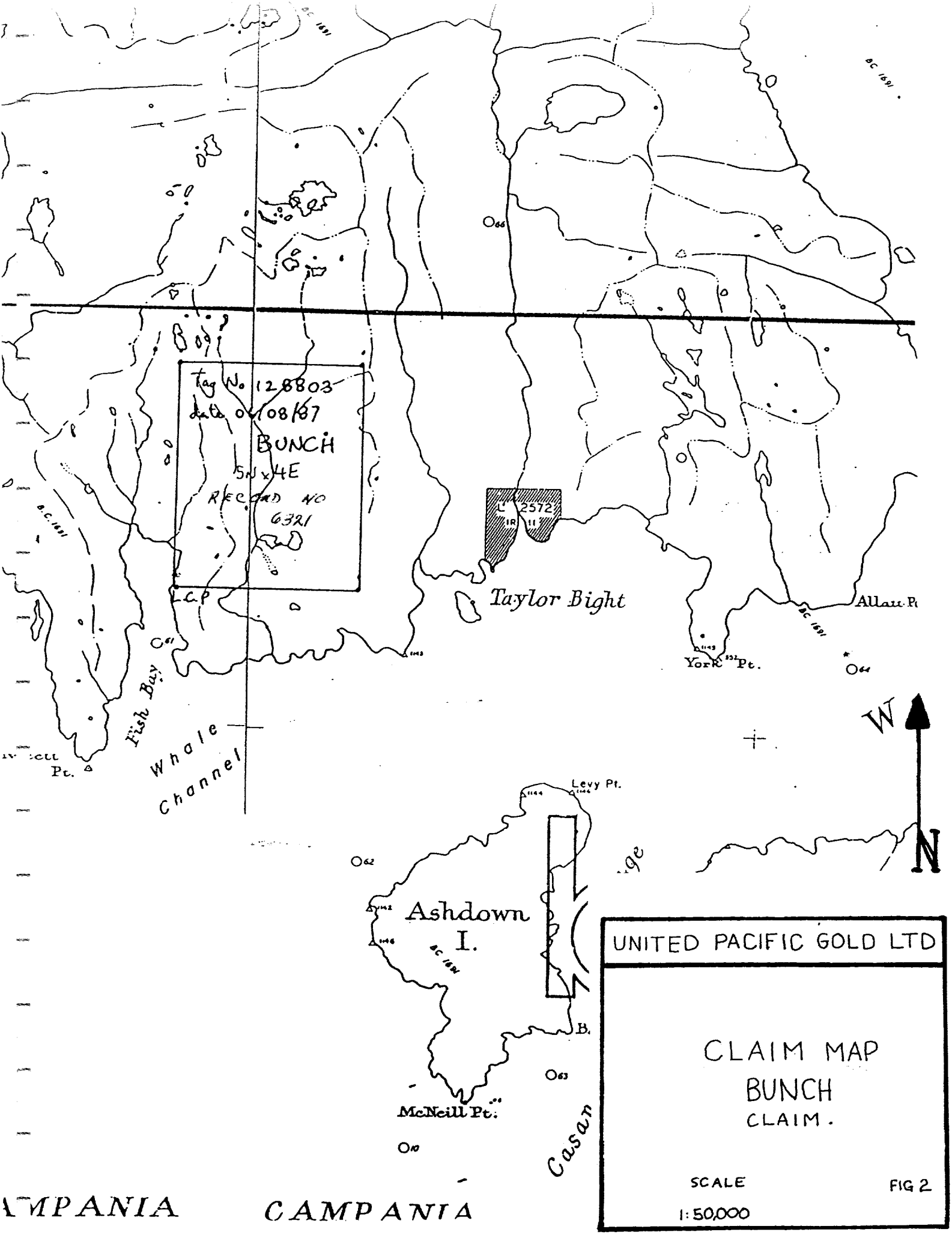
3.4 Survey Methods

The work described in this report was carried out by the authors from August 12 to 22, 1988.

The claims are covered by dense cedar swamps in the south and by steep hills in the north. Outcrop is near continuous on the coast and is fairly common in the stream beds, otherwise surface exposure consists of small isolated outcrops in the dense cedar swamps.



UNITED PACIFIC GOLD LTD.			
PROPERTY LOCATION PLAN BUNCH CLAIMS			
DATE		N.T.S.	Dwg. No.
1-11-88		103 H/11	1



CAMPANIA CAMPANIA

The survey methods used consisted of traverses along streams and compass/hip chain traverses through the swamps. A line was cut and flagged from camp to the centre of the claims to facilitate access. Traversing off the cut line proceeded at less than 1 km/hour.

Outcrop was mapped at all locations encountered and notations on structure, mineralization and alteration were recorded. The results of this mapping and sampling program are shown on Map 1, Location Map at 1:10,000 scale located in the pocket of this report. Mineralized outcrop was systematically chip sampled. In addition, the larger streams were panned and a pan concentrate sample was collected for analysis. A silt sample was also taken at this site. Small streams and tributaries were silt sampled.

3.5 Geochemical Sampling

A total of 44 samples consisting of 27 silts, 7 rocks and 10 panned concentrates were collected.

These samples were sent to Chemex Labs Ltd in North Vancouver for analysis. Their analytical method is given below.

3.5.1 Preparation

Soil and silt samples are sorted, dried at 105° F, screened to -80 mesh; rock samples are sorted, crushed, split in a Jones riffler; pulverized in a ring pulverizer.

3.5.2 Analyses

To analyses for Ag, Pb, Zn, Cu and Mo, a one gram sample is decomposed for two hours in a perchloric acid and nitric acid mixture, cooled, diluted to volume and analysed on an AA5

spectrophotometer. Detection limits are 0.1 ppm for silver and 1.0 ppms for base metals. Gold analyses begin with a 10 gm sample which is mixed with litharge (PbO) sodium carbonate, silica, borax glass, flour and 10 mg of silver; this mixture is fused in a fire assay furnace, the melt poured into steel moulds and the resulting button containing gold and silver is cupelled, leaving a dore' bead which is dissolved in acids, diluted in HCl and analyzed to a detection limit of 5 ppb for gold on an AA5 spectrophotometer.

4.0 GENERAL GEOLOGY

Much of the ground covered by the Bunch claims is underlain by diorite that contains roof pendants of meta-sedimentary rocks. The metasedimentary rocks are best exposed on the north end of Fish Bay, where they have a trend roughly north/south dipping moderately to the east and are exposed for approximately 300 m along a stream, and along the stream adjacent to the Maple Point Indian Reserve.

Metasediments are also exposed intermittently in the south west corner of the claims group.

4.1 Lithology

4.1.1 Intrusive Rocks

Dykes

Dykes encountered on the property are either dolorites or andesites. The dolorite dykes invariably have up to 5% disseminated magnetite while the andesitic dykes contain variable amounts of pyrite and or magnetite. Additionally, granite dykes and "sweats" were observed in the dioritic intrusives.

Diorites

For the most part, the intrusive rocks on the property are composed of diorite which is either gneissic, foliated or massive.

Composition in the diorite remains consistent, ranging from quartz diorite to diorite, throughout the property. Gneissic texture occurs as a result of the alignment of euhedral hornblende laths in a predominantly feldspar matrix, containing minor quartz and rare biotite.

The diorite adjacent to the contacts with the metasedimentary rocks the diorite is invariably agmatitic and generally becomes more mafic and contains 10% or more disseminated magnetite. Ultamafic consisting of amphibolites and pyroxenites were also observed in the agmatitic zones. In the stream draining into the Maple Point Indian Reserve a leucouratic silicious quartz-feldspar intrusive was observed in the metasedimentary rocks but had only very limited exposure.

4.1.2 Metasedimentary Rocks

Metasedimentary rocks were best exposed in the western margin of the property near Fish Bay and on the eastern flank near Maple Point Indian Reserve. Biotite and hornblende hornfels, biotite/hornblende schists, quartzites and limestones (marble) were all observed on the property.

Hornfels

The hornfels is essentially a fine grained rock comprised of either biotite or hornblende (or a mixture) with feldspar, it differs from the schists in that there is no alignment of crystals or any foliation fabric in the rock.

Biotite/Hornblende Schists

The schists are generally fine grained, well layered rocks comprised of whitish quartzfeldspathic layers and dark monomineralic biotite or hornblende layers. Banding is generally less than 1 cm wide. The exposed surfaces of these rocks weathers a reddish brown colour.

Limestone

Limestone (marble) occurs as layers and lenses generally 5-10 cm, but occasionally up to 1 m wide, intercalated with lenses of quartzite and hornblende and biotite schists.

In general the marble is coarsely crystalline and ranges in colour from dark grey to yellowish and buff coloured.

Quartzite

Quartzite, commonly encountered in float, was rarely observed in outcrop. It generally contains sparse amounts of biotite and/or feldspar.

Quartz Veins

Pure white quartz and vitreous smokey grey quartz veins up to 0.5 m wide were noted in outcrop and float. The quartz veins are generally associated with the metasedimentary units.

In addition, high level vuggy textured quartz veins were also mapped in an apparently flat lying brecciated shear zone 1-2 m thick that is exposed for 100 m in the stream north of camp and to a lesser extent in the anomalous stream near sample U88BMTR14.

4.2 Structure

Two structural trends were observed on the property, the younger of these (based on topographical alignment) ranges from 140°-180° the older set, based on field relations, trends 060°-090°. Shear zones encountered fell into two groups, those with 060-090°trends and those with 140-180° trends. Offsetting relationships were not observed in the field due to limited exposure.

A major brecciated and silicified shear zone, apparently flat lying was encountered on the eastern margin of the claims group.

4.3 Alteration and Mineralization

Alteration

Weak propylitic alteration comprised of epidote, chlorite and calcite was noted in some of the shear zones in diorite. More common was pervasive chloritic alteration especially in the wider shear zones.

The metasedimentary rocks are highly silicified in isolated patches but were otherwise not found to contain significant alteration.

Mineralization

Significant sulphide mineralization consisting of chalcopyrite, galena, pyrite pyrolusite (?) and sphalerite was found in vitreous smokey grey quartz float. Quartz of a similar sector but lacking in significant sulphide mineralization was mapped and sampled in nearby outcrop.

Minor quartz veining associated with both metasediments and intrusive rocks in or adjacent to shear zones contains variable amounts of sulphide (predominately pyrite).

A 1.5 to 2 m wide breccia zone, apparently flat lying, containing comb texture quartz, calcite and trace pyrite is exposed over 100 m near the eastern boundary of the property. Similar rock containing quartz after calcite was found in float during the 1987 program in a major drainage near the western boundary of the claims group.

4.4 Geochemical Results

In general results from geochemicsal sampling are unencouraging and have failed to idnetify the source(s) of the original gold anomaly.

A weakly anomalous (in gold) pan concentrate and rock sample also weakly anomalous in gold were collected from the original anomalous stream. A moderately anomalous (105 ppb Au) silt sample was collected adjacent to a fault in agmatitic diorite near the eastern boundary of the claim indicating that gold may be associated with the diorite/metasediment contact or faults within the diorite.

Appendix 1 lists the assay certificates and has a description of the anomalous samples.

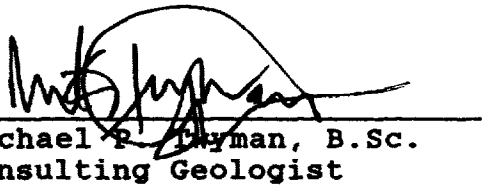
STATEMENT OF QUALIFICATIONS

I, MICHAEL P.TWYMAN, residing at 4687 Tourney Road, North Vancouver do hereby testify that

1. I am a practicing Geologist and have been since 1984 after completing a Bachelor of Science in Geology at the University of British Columbia.

2. I am a Fellow of the Geological Association of Canada.

3. The conclusions and statements in this report are the result of my observations made in the field.



Michael P. Twyman, B.Sc.
Consulting Geologist
Vancouver, British Columbia

November, 1988

STATEMENT OF QUALIFICATIONS

I, Fabian David Forgeron, residing at 2696 West 33 Avenue, Vancouver, British Columbia, do testify that:

1. I am a practicing Geologist and have been since 1966.

2. I have degrees from the following universities:

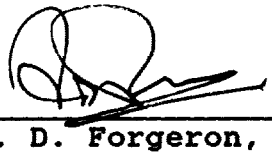
   University of Manchester (United Kingdom) Ph.D. Geology 1966.

   Carleton University, Ottawa, Ontario, M.Sc. Geology 1962.

   St. Francis Xavier University, Antigonish, Nova Scotia, B.Sc. Geology 1957.

3. I am a member in good standing of the Geological Association of Canada.

4. The conclusions and statements in this report were based on field observations.



F. D. Forgeron, Ph.D
Consultant Geologist
Vancouver, British Columbia

November, 1988

APPENDIX I

ANALYTICAL DATA WITH ANOMALOUS SAMPLE DESCRIPTION

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: UNITED PACIFIC GOLD LTD.

2000 PARK PLACE - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project :
Comments: ATTN: F FORGERON, M TWYMAN CC: B M NICHOL

Date :27-AUG-88
Invoice # :I-8821223
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821223

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	Cd ppm	As ppm	Se ppm	Hg ppb	Sb ppm	Bi ppm		
U88BFFS01	201 —	< 5	1	1	1	14	0.1	0.1	4	0.2	40	0.6	0.1		
U88BFFS03	201 —	< 5	1	1	1	12	0.1	0.1	5	0.2	20	0.2	0.1		
U88BMTS02	201 —	< 5	17	1	1	62	0.1	0.1	4	0.2	40	0.2	0.1		
U88BMTS04	201 —	< 5	19	1	1	56	0.1	0.1	4	0.2	60	0.1	0.1		
U88BMTS05	201 —	< 5	13	1	3	117	0.1	0.2	4	0.2	40	0.2	0.1		
U88BMTS06	201 —	5	7	1	4	44	0.1	0.1	3	0.2	40	0.2	0.1		
U88BMTS07	201 —	< 10	18	1	17	192	0.1	0.9	4	0.2	120	0.1	0.1		
U88BMTS08	201 —	< 5	19	1	6	102	0.1	0.2	5	0.2	100	0.1	0.1		
U88BMTS10	201 —	< 5	13	1	1	101	0.1	0.1	4	0.2	70	0.1	0.1		
U88BMTS13	201 —	< 5	28	4	1	66	0.1	0.1	4	0.2	40	0.2	0.1		
U88BMTS16	201 —	< 5	17	2	3	61	0.1	0.1	3	0.2	70	0.1	0.1		
U88BMTS18	201 —	< 5	13	1	1	49	0.1	0.1	3	0.2	40	0.1	0.1		
U88BMTS20	201 —	< 5	16	2	2	49	0.1	0.1	3	0.2	40	0.1	0.1		
U88BMTS21	201 —	< 5	48	1	5	108	0.1	0.1	5	0.2	50	0.1	0.1		
U88BMTS23	201 —	< 5	5	1	3	40	0.1	0.1	3	0.2	50	0.1	0.1		
U88BMTS24	201 —	< 5	3	1	2	39	0.1	0.1	3	0.2	40	0.1	0.1		
U88BMTS25	201 —	< 10	2	1	2	27	0.1	0.1	3	0.2	50	0.1	0.1		
U88BMTS26	201 —	< 10	3	1	1	16	0.1	0.1	3	0.2	80	0.1	0.1		
U88BMTS28	201 —	< 5	6	1	4	33	0.1	0.1	4	0.2	50	0.1	0.1		
U88BMTS30	201 —	< 5	11	1	4	35	0.1	0.1	3	0.2	40	0.1	0.1		
U88BMTS31	201 —	< 5	6	1	1	26	0.1	0.1	3	0.2	40	0.1	0.1		
U88BMTS32	201 —	< 10	3	1	1	12	0.1	0.1	3	0.2	60	0.1	0.1		
U88BMTS33	201 —	< 5	3	1	2	16	0.1	0.1	3	0.2	60	0.1	0.1		
U88BMTS35	201 —	105	9	1	1	28	0.1	0.1	4	0.2	50	0.1	0.2		
U88BMTS36	201 —	< 5	4	1	3	26	0.1	0.1	3	0.2	70	0.1	0.1		
U88BMTS37	201 —	< 5	4	1	3	20	0.1	0.1	3	0.2	80	0.1	0.1		
U88BMTS39	201 —	< 5	8	2	2	43	0.1	0.1	3	0.2	50	0.1	0.1		

CERTIFICATION : Hart Bichler

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To : UNITED PACIFIC GOLD LTD.

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VANCOUVER, BC
V6C 2X8

Project :
Comments: ATTN: F. FORGERON, M TWYMAN cc: B.M. NICHOL

**Page No. : 1
Tot. Pages: 1
Date : 27-AUG-8
Invoice # : I-882122
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821224

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	Cd ppm	As ppm	Se ppm	Hg ppb	Sb ppm	Bi ppm
U88BFFR04	207	—	0.031	426	1	82	4240	2.5	95.0	4	2.0	70	0.1	1.6
U88BMTR11	207	—	0.001	61	2	5	162	0.1	0.8	3	0.2	40	0.1	0.1
U88BMTR14	207	—	0.001	61	2	3	224	0.1	1.3	9	0.2	90	0.1	0.1
U88BMTR15	207	—	< 0.001	81	6	1	31	0.2	0.1	4	0.2	40	0.1	0.1
U88BMTR27	207	—	< 0.001	8	1	3	17	0.1	0.1	3	0.2	30	0.1	0.1
U88BMTR34	207	—	0.001	21	1	1	92	0.1	0.1	3	0.2	20	0.1	0.1
U88BMTR38	207	—	< 0.001	32	1	1	48	0.1	0.1	3	0.2	20	0.1	0.1

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: UNITED PACIFIC GOLD LTD.

2000 PARK PLACE - 666 BURRARD ST.
VANCOUVER, BC
V6C 2X8

Project :
Comments: ATTN: F. FORGERON, M. TWYMAN CC: B.M. NICHOL

Date :27-AUG-88
Invoice # :I-8821232
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8821232

SAMPLE DESCRIPTION	PREP CODE		Au mg	Weight grams	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Ag ppm Aqua R	Cd ppm	As ppm	Se ppm	Hg ppb	Sb ppm	Bi ppm
U88BFH02	235	—	< 0.002	28.69	16	1	10	36	0.1	not/ss	6	0.2	40	0.2	0.1
U88BMTH01	235	—	< 0.002	42.59	16	1	1	80	0.1	not/ss	6	0.2	40	0.1	0.1
U88BMTH03	235	—	< 0.002	35.12	8	2	1	70	0.1	not/ss	6	0.2	20	0.1	0.1
U88BMTH09	235	—	0.002	37.58	14	1	1	64	0.1	not/ss	6	0.2	20	0.1	0.1
U88BMTH12	235	—	0.009	66.92	12	1	2	46	0.1	not/ss	6	0.2	20	0.1	0.1
U88BMTH17	235	—	< 0.002	58.98	12	2	1	52	0.1	not/ss	6	0.2	20	0.1	0.1
U88BMTH19	235	—	< 0.002	56.56	10	4	1	34	0.1	not/ss	6	0.2	20	0.4	0.1
U88BMTH22	235	—	< 0.002	33.31	10	1	1	36	0.1	not/ss	6	0.2	20	0.2	0.1
U88BMTH29	235	—	< 0.002	35.40	8	2	1	26	0.1	not/ss	6	0.2	20	0.2	0.1
U88BMTH38	235	—	< 0.002	26.82	10	1	1	34	0.1	not/ss	6	0.2	20	0.2	0.1

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : B. Luxton

APPENDIX 1

Anomalous Sample Description

U88BMTS35	-	105 ppb in a silt sample collected near a probable fault zone in agmatitic diorite.
U88BFFR04	-	.031 oz/t Au and 4,240 ppm Zn from a float specimen. Smokey grey vitreous quartz containing pyrite, galena, sphalerite.
U88BMTH12	-	.009 mg Au in a panned concentrate sample upstream from the original 1987 anomaly.

APPENDIX II

STATEMENT OF COSTS

APPENDIX II

STATEMENT OF COSTS

Consulting Fees			
F. D. Forgeron	$350/d	$	5,750
M. P. Twyman (10 days in field)	$225/d		
Report writing/preparation (3 days)		$	1,725
Transportation			
Air Charter, Bella Coola/Gil Island		$	1,700
Vancouver Bella Coola			278
Misc. groceries			235
Field Supplies			425
Assay Costs			
44 Samples @ $17.50 each		$	770
Total		$	10,883

KITIMAT

agt agmatite, agmatitic
and andesite, andesitic
arg argillaceous
bi, biot biotite
bx breccia
cbte carbonate
chl chlorite
comp competent
cp chalcopyrite
dlte dolerite
dte diorite
ep epidote
fdte foliated diorite
fg fine grained
fol dte foliated diorite
fsp feldspar
gn gneiss
gnc gneissic
gn dte gneissic diorite
grndte granodiorite
grnt granite
gt garnet
hnfls hornfels
intr intrusive
lst limestone
mag magnetite
mdte massive diorite
mgtc magnetic
msed metasediments
Py pyrite
qtz quartz
qzite quartzite
sil silica, siliceous
umfc ultramafic
v. very
w. with

x float
Ⓗ Helicopter landing pad
fault, shear zone; inclined, vertical
LCP legal corner post
+1200 traverse station (metres)
outcrop
bedding; vertical, inclined
jointing; inclined
*R38 sample site and number
R rock
S silt
H pan concentrate

SCALE 0 300 600 metres

17,987

UNITED PACIFIC GOLD LTD.

Map 1

GEOLOGY
SAMPLE LOCATIONS
BUNCH CLAIMS

NTS	SCALE	DRAWN BY	DATE
103H/11	1:10,000	dlp	

MAPLE POINT
INDIAN
RESERVE 11

Fish Bay

Tay